पेटेंट कार्यालय
का
शासकीय जर्नल

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पेटेंट कार्यालय का एक प्रकाशन

A PUBLICATION OF THE PATENT OFFICE

INTRODUCTION

In view of the recent amendment made in the Patents Act, 1970 by the Patents (Amendment) Act, 2005 effective from 01st January 2005, the Official Journal of The Patent Office is required to be published under the Statute. This Journal is being published on weekly basis on every Friday covering the various proceedings on Patents as required according to the provision of Section 145 of the Patents Act 1970. All the enquiries on this Official Journal and other information as required by the public should be addressed to the Controller General of Patents, Designs & Trade Marks. Suggestions and comments are requested from all quarters so that the content can be enriched.

(S. CHANDRASEKARAN)
Controller General of Patents, Designs & Trade Marks

26th January, 2007

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THE PATENT OFFICE

PATENT KOLKATA, 26/01/2007

Address of the Patent Offices/jurisdictions

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www.patentoffice.nic.in

- Rest of India

All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 and The Patents (Amendment) Act, 2005 or by the Patents (Amendment) Rules, 2006 will be received only at the appropriate offices of the Patent Office.

Fees: The Fees may either be paid in cash or may be sent by Bank Draft or Cheques payable to the Controller of Patents drawn on a scheduled Bank at the place where the appropriate office is situated.

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एकस्व
कोलकाता, दिनांक 26/01/2007
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3. पेटेंट कार्यालय दिल्ली,
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2808 1924, 2808 1925
फैक्स: (011) 2808 1920.
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एसआईडीसीओ आरएमडी गोडाउन एरिया
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www.patentoffice.nic.in

➢ भारत का अवशेष क्षेत्र

पेटेंट अधिनियम, 1970 तथा पेटेंट (संशोधन) अधिनियम, 2005 अथवा पेटेंट (संशोधन) नियम, 2006 द्वारा वांछित सभी आवेदन, सूचनाएँ, विवरण या अन्य दस्तावेज या कोई शुल्क पेटेंट कार्यालय के केवल उपयुक्त कार्यालय में स्वीकृत होंगे ।

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18 Months publication as required under Section 11A of the Patents Act, 1970 as amended by the Patents (Amendment) Act, 2005.

Notice is hereby given that any person at any time before the grant of Patent may give representation by way of opposition to the Controller of Patents at appropriate office on the ground and in a manner specified under section 25(1) of the Patents (Amendment) Act, 2005 read with Rule 55 of the Patents (Amendment) Rules, 2006.

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(S. CHANDRASEKARAN)

CONTROLLER GENERAL OF PATENTS, DESIGNS & TRADE MARKS

Special Notice

Under the new provision of the Patents Act, 1970 as amended by the Patents (Amendment) Act, 2005 and Rules there under, Publication of the matter relating to Patent in the Official Gazette of India Part III, Section 2 has been discontinued and instead of "The Official Journal of the Patent Office" is being published containing all the activities of The Patent Offices such as publication of all the patent applications after 18th months , grant of patent & all other information in respect of the proceedings as required under the provisions of the Patents (Amendment) Act, 2005 and Rules there under on weekly basis on every **Friday**.

The price of each copy of the journal is Rs. 400/- in paper form and that is Rs. 250/- in CD-ROM form, while annual subscription of the journal for a calendar year 2007 is Rs. 20,000/- in paper form and that is Rs. 12,000/- in CD-ROM form. There will be 52 issues in a calendar year .The annual subscription for the Year 2007 is required to be paid in advance in any of the Patent Office located at Kolkata, New Delhi, Mumbai and Chennai. The copy of the Journal will be sent by Courier or Speed Post.

A request should be made accompanied by payment for annual subscription either in cash or cheque/Demand Draft drawn in favour of the Controller of Patents, payable at the respective Office. Other mode of payment i.e. M.O/I.P.O. or any out station cheque will not be accepted. The annual subscription should be made immediately preferably on or before **28th February,2007**. It may kindly be noted that request for annual subscription or subscription of single copy in paper form should be made before **28th February,2007**.

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Every effort is being taken to publish all the patent applications under section 11(A) of the Patents Act. However, if duplication of publication of any application is found, then earlier date of publication will be taken for the purpose of provisional protection for applicant and Patent Office will grant Patent not before six months from the date of second publication, provided that there is there is no third party representation.

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(12) PATENT APPLICATION PUBLICATION
(21) Application No.1000/MUM/2006 A
(19) INDIA
(22) Date of filing of Application :26/06/2006
(43) Publication Date : 26/01/2007

(54) Title of the invention : CORE BOARD

(51) International classification	:B31D3/00, B27N3/06
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
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(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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2)BHANDARI PRAKASH HARAKCHAND
3)BHANDARI KIRAN HARAKCHAND

(57) Abstract :
The present invention concerns a process for making a core board / cone / core liner paper, particularly kraft paper, in which fibres are pulped with water, starch gel and other compounds in a pulper in a batch process, cleaning, agitating, screening on paper machine and calendaring to obtain monolithic core paper. According to the present invention is characterized in that the core Board manufactured in accordance with this invention offers higher grammage monolithic board of up to 1500 grams per square meter in single layer, higher Ply Bond from 280 up to 1500 jules/mÂ², higher horizontal and vertical compression strengths for spiral and parallel winding applications.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/07/2006
(21) Application No.1056/MUM/2006 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : AN IMPROVED SUSPENSION-CUM-HOLDING DEVICE FOR AN OPTICAL FIBER PREFORM

(51) International classification	:H02G 7/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)Jijo Paul
2)Saravanan GURU

(57) Abstract :
An imporoved suspension-cum-holding device for an optical fiber preform 21 comprising a cylindrical body 22 consisting of a closed top end open bottom end 24 is disclosed, wherein the closed top end 23 is provided with a securing means 25 capable of securing the suspension-cum-holding device 21 in the furnace, the cylindrical body 22 being provided with an opening 26 towards the closed top and 23, characterized in that the opening 26 extends rearward to form a cylindrical hollow body 27 which is provided with two openings 28 and 29 in its lower surface, wherein the openings 28and 29 extend downwards respectively to form cylindrical bodies 28a and 29a, wherein the cylindrical body 28a and cylindrical body 29a join and merge with each other at a point 30 forming a body 31, wherein the cylindrical body 27 is provided with a ball support means 32 at the interface of cylidrical body 27 and cylindrical body 29a which is capable of supporting the handle ball 11B provied on the preform handle 11 of the optical fiber preform 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/07/2006

(21) Application No.1188/MUM/2006 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : IMPROVED SOLVENT REMOVAL TECHNIQUE

(51) International classification :B01D53/00C
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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(57) Abstract :
The invention describes a technique of treating liquid wastes comprising a mixture of non-volatile components and solvents and reducing the solvent content of the non-volatile component to a level low enough for disposal of the non-volatile components in landfills. An additional feature of this invention is that the solvent removed from the waste mixture can be recovered in a form that make them suitable for reuse and recycling with or without addition of co-solvent and without further purification. The recovered solvents are colourless and have odours similar to fresh solvent.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/10/2005

(21) Application No.1271/MUM/2005 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : OPTICAL FIBER HAVING HIGHER BANDWIDTH AND METHOD FOR PRODUCING THE SAME.

(51) International classification	:G01M11/00, C03B37/025
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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3)Panneerselvan Sathis Ram
4)Nageswaran Senthil Kumar

(57) Abstract :
The present invention generally relates to a field of manufacturing a multimode optical fiber having higher bandwidth and multimode optical fiber. More particularly it relates to a method of manufacturing a multimode optical fiber having higher bandwidth by refractive index profile measurement technique.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/09/2006
(21) Application No.1497/MUM/2006 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : STORAGE AND TRANSPORTATION DEVICE FOR STORING AND TRANSPORTING OPTICAL FIBER PREFORM AND PRECURSORS THEREOF

(51) International classification :B65D85/20,C03B37/01
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

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1)AJAY GUPTA
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(57) Abstract :
A storage and transporatation device for storage and transportation of a material comprising front surface 201 and rear surface 202 capable of being connected with each other through left surface 203 and right surface 204 suitable to form a vertical structure which in-turn is capable of being closed by bottom surface 205 at its bottom and by top surface 206 at its top end to form a box type structure200 provided with an inlet 207 towards its top end for supply of a gas to achieve desired environment inside the biox structre 200 and an outlet 208 for the release of gas to achieve continuous flow of the gas thereby capable of removing all dust particles/foreigs particles and enviromental gases form the box structure 200 before storing any material therein, and a filteration means 209 for providing clean air before entry into box structure 200, and a holding-cum-hanging means 210 to hold and hang the materrial being stored and transported.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/12/2005
(21) Application No.1521/MUM/2005 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : USER FRIENDLY ENVELOPE WITH COMMERCIAL ADVERTISEMENT

(51) International classification :B65D27/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)BELSARE JEEVAN VINAYAK

(57) Abstract :
A user-friendly envelope with commercial advertisements is disclosed.The user-friendly envelope with commercial advertisements includes,a document protection flap adapted to protect documents by wrapping itself around the documents inside said envelope,a tearing clearance adapted for safe tearing/opening of said envelope in closed condition,a set of instructions,guidelines,information in text and pictorial form furnished with said envelope adapted to ease the use of envelope,flat and plain backside of said envelope adapted for plain looks,a message box/board adapted to transfer short messages from sender to recipient of said envelope,length long and/or breadth long commercial advertisements printed on outer surface of front side of said envelope with or wihtout some space left for writing and/or stamping,length long and/or breadth long commercial advertisements printed on outer surface of back side of said envelope with or without some space left for writing and/or stamping,a ready to use gum strip adapted to seal/close said envelope with ease,an another ready to use gum strip adapted for fixing/pasting postal stamps with ease.Furthermore present invention ensures more safety for the documents kept inside it and ensures more user friendliness both for sender and the recipient and designed for more use of said envelope as commercial advertising media than conventional envelopes.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/12/2005
(21) Application No.1530/MUM/2005 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : Optical Fiber having low and uniform optical loss along the length and method for fabricating the same

(51) International classification :G02B6/02, C03B37/012
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)Sreena DAYANANDAN
2)Sanket SHAH
3)Ravikiran ACHARYA
4)Jegan MIRAS

(57) Abstract :
A mehtod for producing optical fiber preform capable of producing optical fiber having low and uniform optical attenuation loss along its entire length including the top end portion is provided. The method comprises carrying out simultaneously sintering and collapsing steps by inserting the dehydrated hollow soot porous body with predetermined speed in hot zone of the furnace till its top end reaches the hot zone and is left for a predetermined duration thereafter the perform is uplifted for a predetermined length at a predetermined speed to avoid heat loss in the optical preform and re-inserted in the hot zone of sintering furnace at a predetermined speed and left for predetermined duration to result inÂ formation of the preform having collapsed capillary including at its top end.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/09/2006

(21) Application No.1614/MUM/2006 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : BIOMASS FUEL SUPPLY SYSTEM

(51) International classification	:B09B3/00, C10B53/02
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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(57) Abstract :
To achieve effective and efficient combustion while satisfying the load demand, controlled fuel supply is of paramount importance. The present invention relates to an energy efficient system for supplying metered fuel, in particular biomass fuel such as bagasse, wood chips, bark etc. to furnace. The system of the present invention obviates the problems such as fuel jamming, bridging of fuel due to uneven distribution, formation of fuel lumps etc, encounted in the conventional systems. Moreover, the present invention results in substantial reduction in power consumption of the system by virtue of judicious combination of rotatable cylinder provided with profiled structures.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/10/2006

(21) Application No.1623/MUM/2006 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : AN AYURVEDIC COMPOSITION FOR ORAL CONSUMPTION IN TREATMENT OF HEART DISEASES AND HYPERTENSION

(51) International classification	:A61K36/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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Address of Applicant :146, UTTKARSH, SERVE NO. 12, SUKHA SAGAR NAGAR, KATRAJ, PUNE-411 046 Maharashtra India
(72)**Name of Inventor :**
1)DR. SHANKAR SITARAM SHEPAL

(57) Abstract :
An Ayurvedic composition for oral consumption in treatment of heart diseases and hypertension An Ayurvedic composition in capsule form to be consumed in dose of one capsule twice a day for treatment of heart diseases is described.The treatment is inexpensive,simple and requires no change in work life as compared to exorbitant costs of allopathic treatments and surgeries.The said composition that has cured over 150 patients comprises powder form of extract each of ten ingredients.The said composition cures angina,hyper lipidemia,coronary artery disease,cardiac insufficiency,valvular heart disease,hampered left ventricular ejection traction,exercise intolerance and hypertension as well.It treats heart diseases originating from 'vat'and 'kaph'imbalances in body and can be consumed at any time of the day without suffering a loss of efficacy.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/10/2006
(21) Application No.1656/MUM/2006 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : APPARATUS AND METHOD FOR PREPARING OPTICAL FIBER PREFORM HAVING DESIRED CONE SHAPE

(51) International classification	:C03B37/012, C03B37/018
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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Address of Applicant :E1/E2/E3 MIDC, Waluj, Aurangabad-431136, Maharashtra, India Maharashtra India
(72)**Name of Inventor :**
1)Parag KULKARNI
2)Sham NAGARKAR

(57) Abstract :
The present invention relates to a apparatus and method for preparing optical fiber perform having desired cone shape. Particularly, it relates to an apparatus and method for preparing a cone of the preform so as to make it suitable for drawing the fiber and the same time saving wastage of ends of the preform, and process time and process energy to make the overall process highly convenient and economical. The present invention also relates to optical fiber preform produced while employing apparatus and the method of the present invention, and to the fiber produced from such preform.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/10/2006
(21) Application No.1687/MUM/2006 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : METHOD FOR PREPARATION OF CORE ROD ASSEMBLY FOR OVERCLADDING AND PREFORM AND FIBER PRODUCED FROM SUCH CORE ROD ASSEMBLY

(51) International classification	:C03B37/012, C03B37/027
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)STERLITE OPTICAL TECHNOLOGIES LTD
Address of Applicant :E1/E2/E3, MIDC,Waluj, Aurangabad-431136, Maharashtra India
(72)**Name of Inventor :**
1)Parag KULKARNI
2)Dattatray PASARE

(57) Abstract :
The present invention relates to method for preparation of core rod assembly for overcladding. Particularly,the present invention relates to a method for preparation of core rod assembly which is suitable for overcladding so as to form daughter preform which is suitable for fiber draw process.The present invention also relates to a core rod assembly for overcladding,and to the daughter preform and optical fiber produced from such core rod assembly.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/10/2006

(21) Application No.1694/MUM/2006 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : IMPROVED METHOD FOR MONITORING FUMIGATION

(51) International classification	:G06F7/00, F02M21/02
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)UNITED PHOSPHOROUS LIMITED
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(72)**Name of Inventor :**
1)Shroff Rajnikant Devidas
2)Dr. Ramakrishna Chikayya Naik

(57) Abstract :
Abstract The present invention describes a simple method of measuring the cumulative dose of phosphine to which a commodity is exposed to during fumigation using a dosimeter which comprises of a pre-calibrated glass tube filled with a diffusing medium like silica gel impregnated with gold chloride. The dosimeter gives a visual indication of the phosphine concentration by the colour stain which develops as the phosphine diffuses into the medium through the open end of the tube.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/10/2006
(21) Application No.1712/MUM/2006 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : OPTICAL FIBER HAVING REDUCED POLARIZATION MODE DISPERSION (PMD) AND METHOD FOR PRODUCING THE SAME

(51) International classification	:G02B6/10, C03B37/03
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)STERLITE OPTICAL TECHNOLOGIES LTD.
Address of Applicant :E1/E2/E3 MIDC, Waluj, Aurangabad 431136, Maharashtra India
(72)**Name of Inventor :**
1)Jijo PAUL
2)KAUSHAL GUPTA

(57) Abstract :
A method for producing optical fiber preform having symmetrically and completely collapsed capillary which is suitable for producing optical fiber having reduced PMD, comprising collapsing the capillary in the 5 hollow soot porous body or sintered glass body under variable vacuum.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/11/2006

(21) Application No.1831/MUM/2006 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : HERBAL COMPOSITIONS TO RELIEVE OXIDATIVE STRESS

(51) International classification	:A01N65/00, A61K36/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)Chopda, Chetan Ashok
Address of Applicant :635/1-B, New Gajra Society, Bibwewadi, Pune-411037, Maharashtra India
(72)**Name of Inventor :**
1)Chopda, Chetan Ashok

(57) Abstract :
A dietary liquid herbal composition in the form of a health drink comprising the extracts of mangosteen,noni,green tea,goji berry,grape seed and aloe vera in amount effective to combat oxidative stress which leads to chronic conditions such as cardiovascular disease,hypertension,diabetes mellitus,and some of cancer and advances the aging process is disclosed.The composition comprises decaffeinated green tea extract and aloin-free aloe vera extract.It is sugar-free,utilizing natural sources of sweetness such as MAG.The composition provides higher hydroxyl and superoxide radical scavenging abilities in comparison with conventional anti-oxidants such as vitamins.

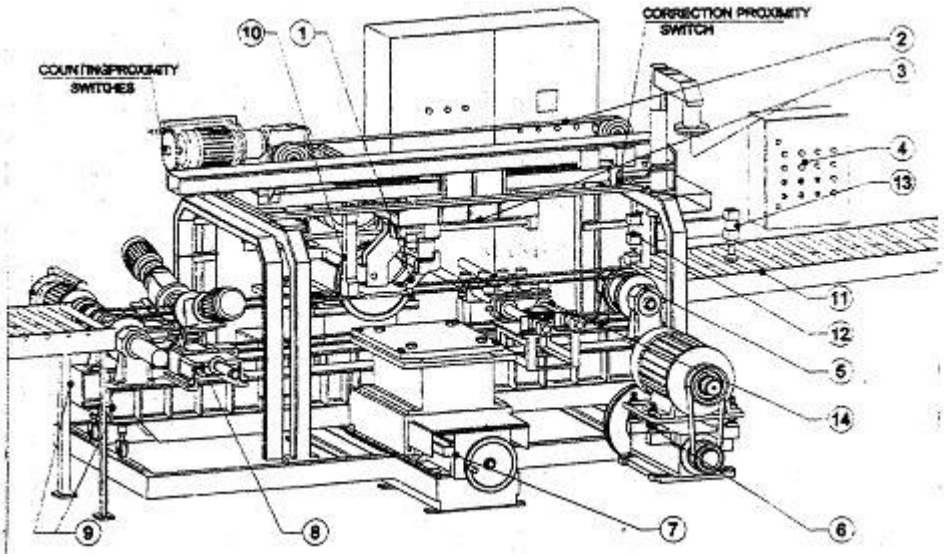
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/01/2007
(21) Application No.19/MUM/2007 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : A PROCESS AND APPARATUS FOR RECTIFYING AND CHAMFERING OF CERAMIC AND VITRIFIED TILES AND ALSO NATURAL STONES TILES OF GRANITE, MARBLE, SAND STONE, SLATE AND ARTIFICALSTONE AND THE LIKE MATERIAL.

(51) International classification	:C04B33/13, B28B13/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SWAPAN MANILAL SHAH
Address of Applicant :KARAMCHAND MANTION, BARRACK ROAD, BEHIND METRO CINEMA, MUMBAI- 400 020 Maharashtra India
(72)**Name of Inventor :**
1)SWAPAN MANILAL SHAH

(57) Abstract :
This invention relates to an improved apparatus for rectifying and chamfering of ceramic and vitrified tiles comprising two sets of squaring spindles unit connected in the fandom by tile transporter which rotates the tile 90o during the traverse of tiles from one squaring unit to other ; two chamfering spindles one on each unit is mounted on linear guide ways with constant pressure air springs; the said tile transporter unit which moves on a linear guide way having its axis perpendicular to the axis of the diamond grinding wheel ; a beam provided to mount the spindle assembly with diamond grinding wheels which is adjustable to swivel in and swivel out as required to set width of the tiles accurately as also to account for diamond wear cutÂ over a period of time ; tile entering the squaring unit are first centered and then firmly charmed by the tile transporter ; the inclined conveyer (11) convey the tiles, hold cylinder (13), the centralizer (14), the clamp (10) operates and brought to diamond grinder (9) to grind two sides ; the tile transporter rotaler the tiles 90o to please the other sides of tiles to diamond grinder which is subsequently champaredÂ (15) and conveyed to delivery of accurate tile of square or rectangular shape.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/11/2006
(21) Application No.1952/MUM/2006 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : REFRIGERATOR CUM DEHUMIDIFIER

(51) International classification	:F24F1/00, F25D23/00, F24F3/14
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)SURENDRA HIMATLAL SHAH
Address of Applicant :15, THACKER ESTATE, N. M. JOSHI MARG, MUMBAI Maharashtra India
(72)**Name of Inventor :**
1)SURENDRA HIMATLAL SHAH

(57) Abstract :
The invention relates to a dual use refrigeration system which works as refrigerator-cum dehumidiffier having refrigeration section having two branches emanating from single compressor one branch works as a normal current art refrigerator having an evaporator and a condenser. The second branch leads to an attachment which is designed to act as a dehumidifier compressor A takes the suction gas from either the refrigerator circuit or dehumidifier circuits through a solinoid valve on each circuit. While the compressor runs continuously the thermostat acts within the refrigerator which operates the solenoid vlave then diverts the cooling to the dehumidifier circuits. The dehumidifier circuits comprises the single combined evaporator-cum condenser coil. The dehumidifier fan pulls the room air through inle grill (A) then through the evaporator section (B) that chilled the air and remove the moisture then immediately the same cooled air condenses. The hot gas from the compressor in the condensor section then discharge through the outlet grill (B) by means of another fan.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/11/2006

(21) Application No.1969/MUM/2006 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : SEGMENTATION AND REASSEMBLY RECEIVER OPERATION

(51) International classification :H04L1/00
(31) Priority Document No :60/741,525
(32) Priority Date :01/12/2005
(33) Name of priority country :Korea(North)
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)VIA Telecom Co., Ltd.
Address of Applicant :Zephyr House, Mary Street, P.O. Box 709, Gerorge Town, Grnad Cayman, Cayman Islands, British Not Applicable West Indies
(72)**Name of Inventor :**
1)Seung-June YI

(57) Abstract :
A method for eliminating useless waiting for lost data units in a segmentation and reassembly (SAR) receiver operation is disclosed. The SAR receiver checks for any missing data units upon receiving a transmission of a plurality of data units in a predetermined sequence, storing all received data units following a first missing data in the SAR receiver, starting an abort timer for every missing data unit and delivering the stored data units between a first missing data unit and a second missing data unit if the abort timer for the first missing data unit has expired and the abort timer for the second missing data unit has not expired.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/12/2006

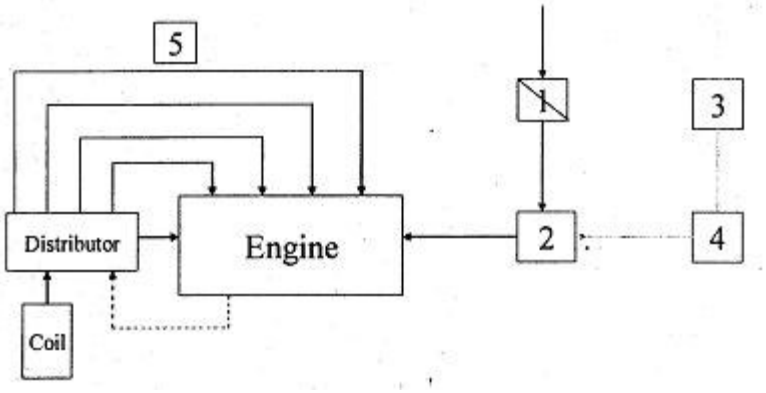
(21) Application No.2031/MUM/2006 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : A DEVICE FOR CONTROLLING OVERSPEEDING OF AUTOMOBILES

(51) International classification :B60K31/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Tata Motors Limited
Address of Applicant :Bombay House, 24 Homi Mody Street, Hutatma Chowk, Mumbai 400 001, Maharashtra India
(72)**Name of Inventor :**
1)Shankar Kamanna Kengar
2)Srinivasan Govindarajan
3)Deepak Suryakant Kulkarni
4)Sadagopan Krishnan

(57) Abstract :
This invention relates to a device to control over speeding of venicles. It consists of a unit having an input and an output means, a programmed speed limit valve, the output connected to electronic switches capable of causing misfire in the cylinders and thereafter deactuating the fuel supply to the engine to reduce the speed. When the speed limit goes below the predetermined limit the fuel supply switch is activated to restart the engine.



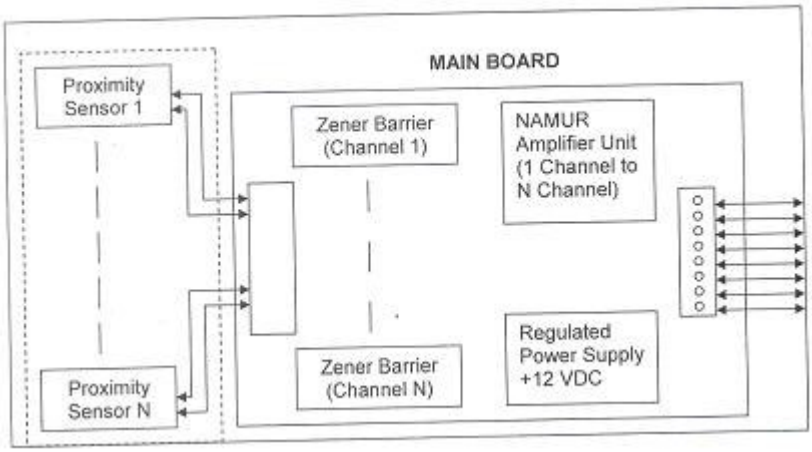
(12) PATENT APPLICATION PUBLICATION (21) Application No.2053/MUM/2006 A
(19) INDIA
(22) Date of filing of Application :15/12/2006 (43) Publication Date : 26/01/2007

(54) Title of the invention : ELECTRONIC SEAL MONITORING SYSTEM (ESMS)

(51) International classification :G01B7/14
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Katlax Enterprises Pvt. Ltd.
Address of Applicant :A-1, Vihardham Society, Drive-in Road, Thaltej, Ahmedabad-380 054. Gujarat India
(72)**Name of Inventor :**
1)Shah Saurabh Arvindbhai
2)Shah Virendra Rajeshbhai

(57) Abstract :
The present invention makes the product compact and cost effective. The product has many configurations starting form single channel to N channel. The present invention is specially developed for use with vehicle monitoring system of tankers delivering hazardous material like fuel, chemical etc. This system is specially designed for electronically monitoring the sealing system. The open/close position is sensed by non-contact proximity sensor(s) which ir ppaced near to the seal to be monitored. This signal then goes to the main board where it produce its signal state change by zener barrier and NAMUR amplifier circuit. Depending upon the requirements, the system can be made for single channel and can go up to N channels, where N is no of channels specified by user.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/12/2006

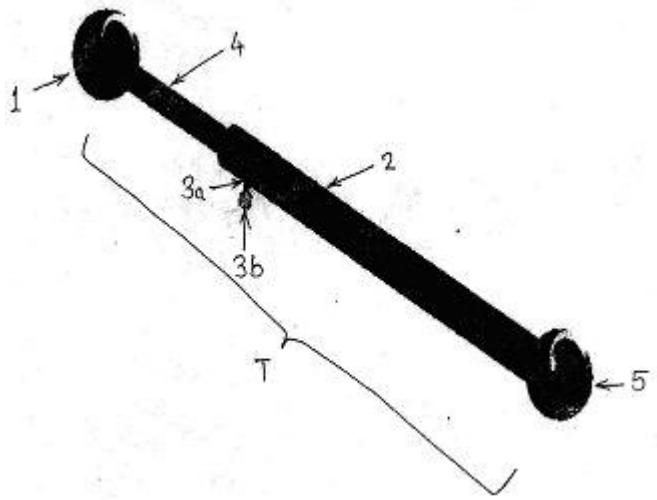
(21) Application No.2068/MUM/2006 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : A DEVICE FOR MEASURING THE STEERING PARAMETERS OF A VEHICLE

(51) International classification	:B62D5/04, G01L3/14
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)Tata Motors Limited
Address of Applicant :Bombay House,24 Homi Mody Street, Hutatma Chowk, Mumbai-400 001, Maharashtra India
(72)**Name of Inventor :**
1)Pradyumna V. Kulkarni

(57) Abstract :
The device according to this invention comprises an adjustable telescopic arrangement with an outer tube and an inner tube said telescopic arrangement having a first end and a second end. The first end of said telescopic arrangement is attached to vehicle body part (windscreen) and the second end of the telescopic arrangement is attached to the roter of the steering sensor. The telescopic arrangement has a ball and socket joint on its first end connected to a vacuum suction cup. The vacuum suction cup has a ball and the telescopic arrangement has a socket. The socket is positively connected to the outer tube of the telescopic arrangement. Also, since the arrangement according to the present invention comprises an adjustable telescopic shaft, the difference in distance that is caused due to the vacuum cup operation (that caused the sag in the prior art) is compensated by keeping the bolt/screw loose while fixing the vacuum cup and then tightening the bolt/screw, thereby maintaining a positive mechanical coupling between the rotor and the windshield which prevents hysterisis losses.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/12/2006

(21) Application No.2075/MUM/2006 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : "A DISTRIBUTING DEVICE FOR SOLIDS"

(51) International classification :F23K3/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KABRA Vinaykumar Bhukulalji
2)KARVE Prakash Shamrao
3)GAIKWAD Jalindar Uttam
4)MAHESHWARI Manoj Kundan

(57) Abstract :
In fring systems, a device is necessary to feed, introdce and inject solids in combustion zone. Generally, solids are injected pneumatically in combustion zone, in particular of fluid bed combustion systems. The solid used may be combustible substances, fuel, and sized fuel but not limited to it. The effective distribution and spread of the solids is important. In the conventional devices, because of permanent attachment of components with each other, it is a ddifficult and costly process to replace worn parts, in particular deflecting surfaces where solid impinges with considerable velocity. The present invention provides a simple, economical, easily replaceable solid-distributing device for distributing solids in a combustion zone; in particular of a fluid bed combustion system obviating the use of permanently attached curved shaped deflecting surfaces.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/12/2006

(21) Application No.2076/MUM/2006 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : "AIR ASSISTED SOLID INJECTING DEVICE"

(51) International classification :F02M69/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Thermax Limited
Address of Applicant :D-13, MIDC, Chinchwad, Pune 411 019 Maharashtra India
(72)**Name of Inventor :**
1)KABRA Vinaykumar Bhukulalji
2)KARVE Prakash Shamrao
3)GAIKWAD Jalindar Uttam
4)MAHESHWARI Manoj Kundan

(57) Abstract :
In a combustion system, solid air mixture is supplied to the combustion chamber. It is necessary to convey appropriate quantity of solid against the combustion chamber pressure for an effective combustion, with aid air. In the solid air mixing system, mixing wall sections often encounter the problem of wearing out. Further, in the conventional devices there is indequate access to the converging, diverging and mixing sections individuslly. Necessity has constantly been felt to develop a device that can produce substantially increased suction pressure at the mixing section and reduced terminal pressure drop obviating chocking and maintenance problems so as to reduce pumping power. The synergistic combination of converging section, mixing section, insert, diverging section of the device of the present invention facilitates easy access to the mixing section and overcomes the problems of its wearing out. Further, it substantially reduces chocking problems.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/12/2006

(21) Application No.2085/MUM/2006 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : RECOMBINANT PROTEINS OF AN INDIAN STRAIN OF SWINE HEPATITIS E-VIRUS (GENOTYPE 4)

(51) International classification :A61K38/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :20-A, Dr. Ambedkar Road, Post Box No.11, Pune 411 001, Maharashtra India
(72)**Name of Inventor :**
1)Dr. Vidya Avinash Arankalle
2)Dr. Kavita Satish Lole
3)Dr. Leenata Prasann Chobe

(57) Abstract :
The present invention pertains to the field of viral hepatitis.The present invention relates to novel and useful hepatitis E Virus (HEV)strains isolated from swine and naturally occurring mutants thereof.More specifically,it relates to genes and recombinant protiens derived from a swine strain of HEV (Genotype 4)from india.These genes and/or protiens can be used in the process of diagnosis,preparation of vaccine,in the development of monoclonal and polyclonal antibodies for use as therapeutic agents for treatment of animals and humans. The invention also relates to isolated and substantially purified HEV proteins and variants thereof encoded by the HEV (Genotype 4)or encoded by synthetic nucleic acid sequences and in particular to recombinant proteins encoded by at least one complete open reading frame of HEV. The present invention also relates to the use of the resultant recombinant HEV proteins as vaccines.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/12/2006

(21) Application No.2104/MUM/2006 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : CRUTCH-SWING

(51) International classification	:A61H3/00, A61H3/02
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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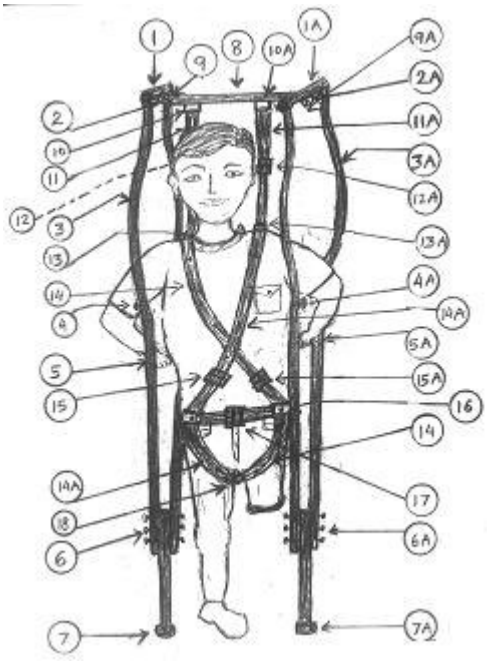
Address of Applicant :13/10 SHANTI NAGAR,S.G.ROAD, JACOB CIRCLE, MAHALAXMI (E) MUMBAI-400011 Maharashtra India
(72)**Name of Inventor :**
1)RAGHAVBHAI DEVSHI ANJARA

(57) Abstract :
The crutch swing device comprises two vertical crutches connected by a horizontal hanging pipe or rod over the head level of a person. A harness in connected to the horizontal pipe so that the weight of the person is transferred to the crutches via the hanging rod. The connection between the hanging rod and the crutches ensures free movement between the two. In an alternatives arrangement the hanging rod takes theÂ shape of zig zag pipe or rod so that the height of the device reduces.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/12/2006

(21) Application No.2126/MUM/2006 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : PROCESS OF MANUFACTURING INSULATED FOAMED CONTAINERS AND PRODUCT THEREOF

(51) International classification	:B65D81/18, B65D81/38, B65D90/02
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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1)Goplani Ramesh Parashram

(57) Abstract :
The present invention relates to the PROCESS OF MANUFACTURING INSULATED FOAMED CONTAINERS AND PRODUCT THEREOF.The production of a plastic container by means of rotational moulding process for providing the insulation to the container. Rotational moulding is relatively simpleÂ technique by means of which wide variety of hallow articles can be produced wherein the mold is rotated continuously about its vertical and horizontal axes.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/12/2006

(21) Application No.2152/MUM/2006 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : AN INTERNAL COMBUSTION ENGINE

(51) International classification :F02F7/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

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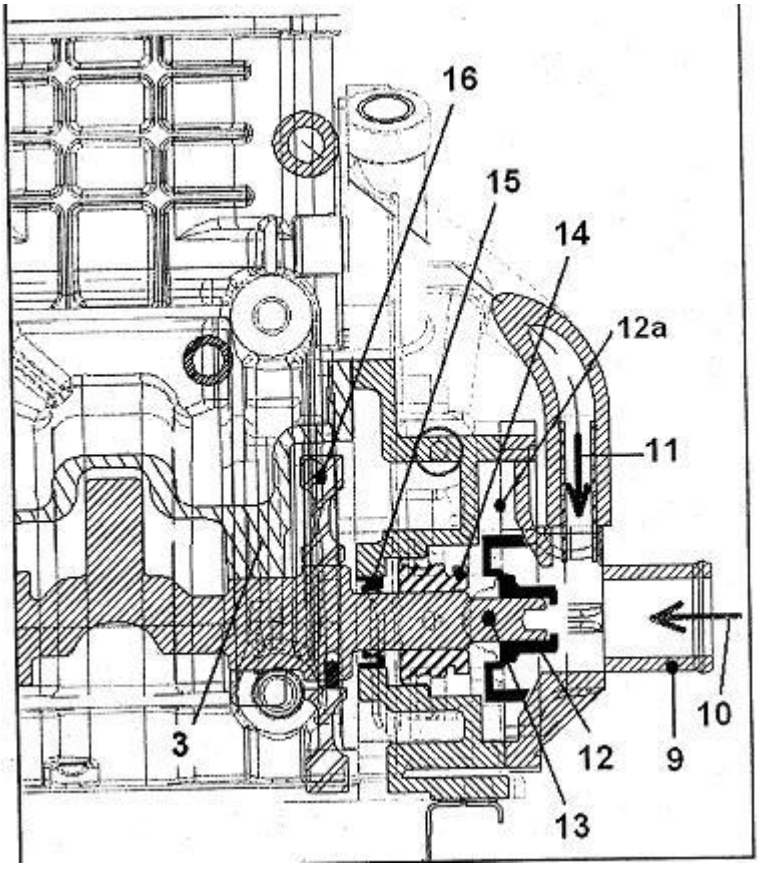
(72)**Name of Inventor :**
1)NARENDRA KUMAR JAIN.
2)HEMANT AMBADAS MALEKAR
3)KEDAR DIGAMBAR GOKHALE

(57) Abstract :
Abstract AN INTERNAL COMBUSTION ENGINE This invention relates to an internal combustion engine having an integrated design of coolant pump and oil pump. An integrated approach is devised for housing the coolant pump and oil pump elements together in the crankcase cover. The impeller (12) of the coolant pump is mounted directly on the front end of the balancer shaft (13), which runs parallel to the crankshaft at the same speed but in opposite direction. The construction of the engine crankcase (3) is simplified due to elimination of the volute cavity (12a) required for coolant pump. This cavity is incorporated in the crankcase cover in this system. The timing drive is simplified by elimination of the coolant pump thereby reducing the timing belt length and increasing the life. Fig. 2



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/12/2006

(21) Application No.2159/MUM/2006 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : A COMPOSITION AND METHOD FOR BODY WEIGHT LOSS

(51) International classification	:A61K35/00, A23L1/09
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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2)Dr. Vaishali Vasant Potnis
(72)**Name of Inventor :**
1)Dr. Kishori Ganpat Apte
2)Dr. Vaishali Vasant Potnis

(57) Abstract :
A pharmaceuitical composition suitable for regulating body weight, especially for promoting body weight loss comprising of the herb or a plant Zizyphus mauritiana Lamk or extracts of its bark or leaves for reducing body weight.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/12/2006

(21) Application No.2160/MUM/2006 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : "A GRAVITY BASED SELF-PROPELLED TRANSPORT SYSTEM"

(51) International classification	:B60P3/12, B60P1/12
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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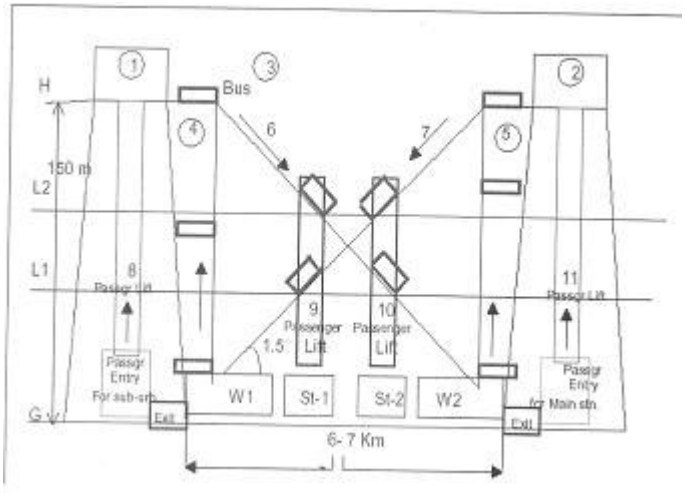
(72)**Name of Inventor :**
1)Umesh Damodar Malasane

(57) Abstract :
Abstract A gravity based self-propelled transport system is disclosed, formed by main station and sub stations: a track set on the elevated pedestals; a vehicle subsystem; a wheel guide subsystem. The system is designed for the transportation of people or goods, to be used by erecting pedestals with deferential heights so as to permit the vehicle to travel from the higher altitude to lower altitude on the gravitation force thereby reducing the dependency on the conventional forms of energy comprising of a unitary vehicles that moves steeply sloped, thanks to load support elements that roll on carefully designed wheel tracks whereby the vehicle is moved by non-polluting and non energy consumption gravitational force that move and stop them with high energy savings. The vehicle and the track are designed taking in account safety features against fire hazards.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/12/2006

(21) Application No.2162/MUM/2006 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : "A COMPOSITION AND METHOD FOR CONTROL OF FERTILITY IN FEMALES"

(51) International classification :A61K45/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Vaishali Vasant Potnis
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(72)**Name of Inventor :**
1)Vaishali Vasant Points

(57) Abstract :
A pharmaceutical composition suitable for inducing anti fertility or preventing conception in females comprising of a specific botanical plant wherein a composition for both oral use and topical use in vagina comprising the herb or a plant Zizyphus mauritiana Lamk or extract of its bark or leaves in inducing anti fertility is used in females.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/12/2006

(21) Application No.2170/MUM/2006 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : FRICTIONAL RESISTANCE OF ROLLER AS A LINEAR POSITION FEED BACK DEVICE AND TO CONVERT ROTARY MOTION INTO LINEAR MOTION

(51) International classification	:B65G13/16, B65G47/26
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)THAMMINENI VASU
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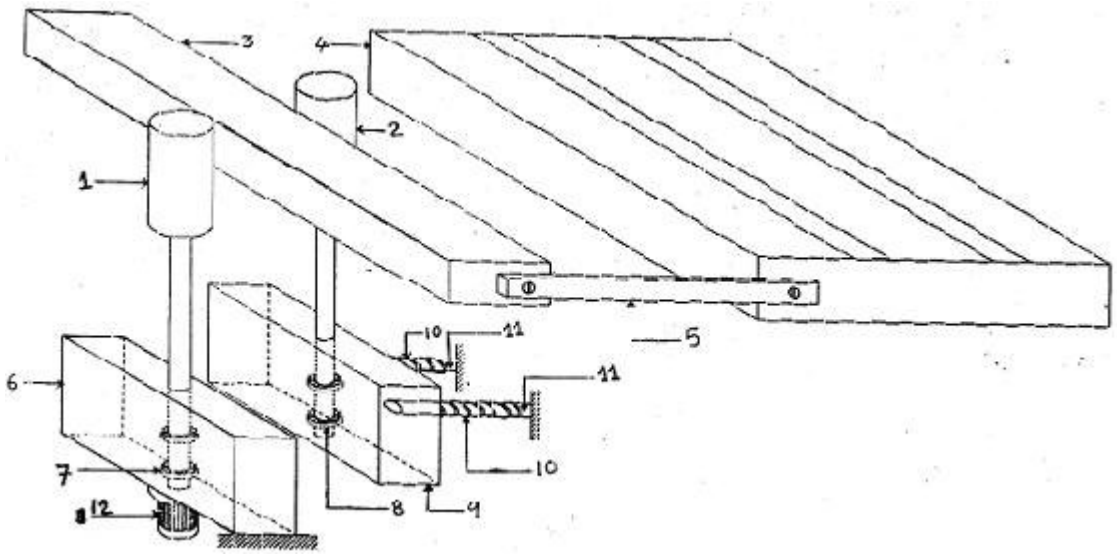
(72)**Name of Inventor :**
1)THAMMINENI VASU

(57) Abstract :
ABSTRACT As shown in fig-1. The roller (1) is supported by bearings (7) in the housing (6) and the roller (1) is connected to encoder (12). The housing (6) is fixed to the base. The roller (2) is supported by bearings (8) in the housing (9). The housing (9) is mounted on guide rods with spring force (10) acting on it which pushes friction plate (3) against roller (1). The friction plate (3) which is fixed to table (4) by bracket (5).. When the friction plate (3) moves linearly by table (4) movement the roller (1) rotates due to frictional resistance caused by spring (10) force .The roller (1) which is connected to encoder (12) also rotates. The encoder (12) in combination with electronic system converts rotary motion into linear distance traveled by table. There fore the frictional must always be greater than the force required to rotate encoder (12) and rollers (1&2). To convert rotary motion of motor into linear motion of table (4) . The motor is mounted in place of encoder (12). When the motor is made to rotate the rollers (1&2) rotate. So the friction plate (3) moves linearly, Due to the frictional resistance between rollers and friction plate caused by spring (10) force. The friction plate (3) which is fixed to table (4) by bracket (5) moves the table (4) linearly. There fore the frictional must always be greater than the force required to the table (4).



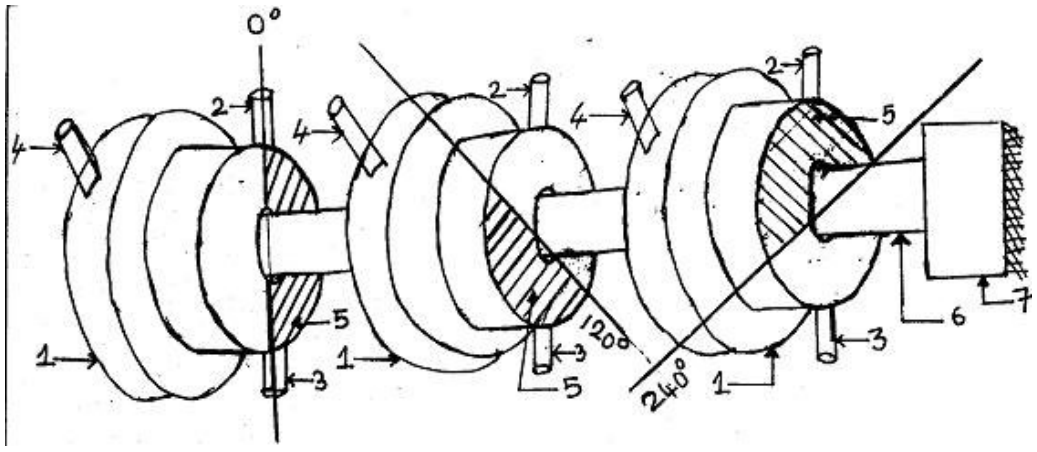
(12) PATENT APPLICATION PUBLICATION (21) Application No.2171/MUM/2006 A
(19) INDIA
(22) Date of filing of Application :29/12/2006 (43) Publication Date : 26/01/2007

(54) Title of the invention : VARIABLE FREQUENCY DRIVE

(51) International classification :H02J3/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)THAMMINENI VASU
Address of Applicant :Flat No-1, A-7, Sivai Society, Krishna Nagar, Chinchwad, Pune-411019 Maharashtra India
(72)**Name of Inventor :**
1)THAMMINENI VASU

(57) Abstract :
ABSTRACT Fig-1 shows variable frequency drive. The drive consists of three slip-rings (l).The three slip rings are partially with non-conducting material (5) and remaining part is with conducting material. The three slip-rings are mounted on shaft (6) at 120 degree apart with reference to non-conducting material (5). The slip-rings and shaft are separated from insulating material. Three brushes (2,3 & 4) are mounted on each slip-ring (1). The +ve & - ve brushes (1&2) are mounted 180 degree apart on each slip-ring (1) where the slip-rings are with conducting material (5). The +ve brush and -ve brush are connected to +ve & -ve DC supply respectively. The out put voltage collecting brush (4) is mounted on each slip-ring where the slip -rings are completely with conducting material The shaft (6) is connected to variable speed motor (7). The DC +ve & -ve supply is given to the brushes (2&3) respectively. The shaft (6) is made to rotate by variable speed motor (7). As the slip-ring (1) starts rotating +ve brush (2) & -ve brush (3) which are mounted 180 degree apart comes in contact with conducting and non-conducting material of slip-rings (1) alternately. So +ve and-ve voltage flows alternately into the collecting brush (4) through slip-rings. There fore the out put voltage from collecting brush (4) is AC three phase square wave voltages. As the slip-rings (1) are mounted on shaft (6) at 120 degree apart with reference to the non-conducting material (5). As shown in fig-2 the position of slip-ring with brushes and wave forms. The three phases R,Y,B are 120 degree apartin time phase. By varying speed of variable speed motor (7) the contact time of + ve & - ve brush (2&3) with conducting and non-conducting material (5) of slip-ring (1) can be varied. There fore the frequency of out put voltage is proportional to the speed of variable speed motor (7) and the generated out put voltage is Ac three phase square wave voltage. By the combination of conducting and non-conducting material of slip-ring various wave forms can be generated.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/01/2006

(21) Application No.26/MUM/2006 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : METHOD OF PRECISION WINDING OF YARN AND THE DEVICE

(51) International classification	:B65H54/08, B65H54/38
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)VENKATESH S JADHAV

(57) Abstract :
The invention relates to an improved method for winding of filament,particularly synthetic yarn and also apparatus there of to carry out the improved method of winding filament.

(12) PATENT APPLICATION PUBLICATION (21) Application No.28/MUM/2007 A

(19) INDIA

(22) Date of filing of Application :05/01/2007 (43) Publication Date : 26/01/2007

(54) Title of the invention : COTTON HUMIDIFICATION & CONDITIONING SYSTEM

(51) International classification :F24F3/14
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

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2)Varia Nilesh Prafulchandra
3)Varia Devang Prafulchandra
(72)**Name of Inventor :**
1)Shah Rakesh Pramodbhai
2)Varia Nilesh Prafulchandra
3)Varia Devang Prafulchandra

(57) Abstract :
Cotton humidification & conditioning system is mainly useful in the cotton ginning and processing industry for humidification & conditioning of raw cotton as well as cotton lint. The present invention is also useful in textile industry for yarn conditioning. In the present invented system steam is generated in the steam generator wherein steam is injected into the moist air generating chamber through the insulated pipeline and water is sprayed in the chamber through nozzles. Humidifier & conditioner chamber is connected with moist air generating chamber through the insulated pipeline. Velocity of moist air & temperature in the humidifier & conditioner chamber is controlled by electronic control panel.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/03/2006

(21) Application No.313/MUM/2006 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : Apparatus and Method for Fabricating Optical Fiber Preform

(51) International classification	:G02B6/00, F16L27/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)STERLITE OPTICAL TECHNOLOGIES LTD.
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(72)**Name of Inventor :**
1)Sanket SHAH
2)Chandraveer SINGH
3)Nitin SHINDE

(57) Abstract :
A rotary seal 20 capable to joining a stationary member 21 with the rotating member 22 is provided, wherein the rotary comprises a body 23 having a central hole 24 therethrough, wherein the central hole 24 has stepwise reducing diameter so as to form two part 25 and 26 central hole 24, wherein front part of 25 of said central hole 24 has higher inner diameter and rear part 26 of said central hole 24 has lower inner diameter, wherein said frontÂ part 25 forms a seat 27 with said rear part 26 of said central hole 24, wherein said front part 25 of said central hole 24 is capable of accommodating at least one sealing member 28, and said sealing member 28 is made to sit on to said seat 27 by a screwing member 31, which when fixed onto body 23 fits in to front part 25 of said central hole 24, and said rear part 26 of said central hole 24, is capable of accommodating connecting member 32 of said stationary member 21. An apparatus comprising the rotary seal 20 is also provided.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/03/2006

(21) Application No.324/MUM/2006 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : A CLOSURE CAP HAVING A PRE MEASURED LIQUID DISPENSER

(51) International classification :B05B11/00,G0111/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)RAMESH MAHAVIR DUBEY

(57) Abstract :
A closure cap having pre-measured liquid dispenser for liquid or the like product in a bottle or like container has a base adapted to fit over the open end of the bottle or other like container. At one end protrudes a skirt member adapted to be secured over the bottle or the like container and other top end protrudes a vessel like structure. An assembly of a structure with lever having a slot and an aperture providing and preventing passage between the skirt member and the vessel like structure is provided. The protruding vessel like structure is provided with measuring marks.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/05/2006

(21) Application No.683/MUM/2006 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : Dispersion optimized optical fiber for wideband optical transmission

(51) International classification	:G02B6/02, G02B6/22, G02B6/36
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)Prasad SHASHIKANT
2)Manoj NAIR

(57) Abstract :
A dispersion optimized optical fiber for wideband optical transmission is disclosed.The fiber comprises centre core 1,inner cladding 2,ring core 3,outer cladding 4 and outer glass region 5,characterized by inner cladding 2 provided onto outer periphery of the centre core 1,ring core 3 provided onto outer periphery of inner cladding 2,outer cladding 4 provided on to other periphery of ringcore 3,and outer glass region 5 surrounding outer cladding 4,wherein refractive indices of various regions of the fiber are related in a manner that centre core 1 has higher refractive index than that of ring core 3,ring core 3 has higher refractive index than that of outer glass region 5,outer cladding 4 has equal to or lower refractive index than that of outer glass region 5,and inner cladding 2 has lower refractive index than that of outer cladding region 4,that is the refractive index of various regions of the fiber is related by relationship $n1>n3>n5\geq n4>n2$ or the relationship $Del1>Del3>Del5\geq Del4>Del2$.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/05/2006

(21) Application No.758/MUM/2006 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : A method for decolorization of distillery spent wash using dead fungal biomass

(51) International classification :C02F3/34, C02F9/14
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)North Maharashtra University
Address of Applicant :PB-80, Umavinagar, Jalgaon-425001, Maharashtra India
(72)**Name of Inventor :**
1)Kulkarni Mohan Vinayak
2)Chavan Mayavati Narayanrao

(57) Abstract :
The invention relates to a process for decolorization of molasses spent wash or water or soil contaminated with molasses spent wash using dead biomass of the fungus Aspergillus oryzae, which has been deposited at Institute of Microbial Technology, Chandigarh, India, bearing the reference number MTCC 7691 as biosorbant. The process involves growing the fungal biomass, autoclaving it and processing it to form a fine powder, for use as a biosorbant. The biosorbant can be desorbed to remove the colored component and can be used repeatedly for a number of times for removal of color from molasses spent wash or water contaminated with molasses spent wash.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2006

(21) Application No.803/MUMNP/2006 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : AN EFFICIENT INDUSTRIAL PROCESS FOR 3-HYDROXY-3-(3' SULFAMYL-4'-CHLOROPHENYL)PHTALIMIDINE

(51) International classification :C07D209/44
(31) Priority Document No :7/MUM/2004
(32) Priority Date :02/01/2004
(33) Name of priority country :India
(86) International Application No :PCT/IN04/00370
Filing Date :30/11/2004
(87) International Publication No :WO 2005/065046
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :48 Kandivli Industrial Estate,Mumbai-400 067,Maharashtra,India Maharashtra India
(72)**Name of Inventor :**
1)Kumar,Ashok
2)Singh,Dharmendra
3)Jadhav,Atul
4)Pandya,Darpan Navinchandra

(57) Abstract :
The oximination/cyclization of 2-(4-chlorobenzoyl)benzoic acid with hydroxylamine hydrochloride in presence of molar quantites of inorganic base in water or in alcoholic solvents to form 4-(4'-chlorophenly)-5,6-benz-oxazine-1-one (formula 8) in high yield and purity; reduction of latter with zine metal and acetic acid to the correspomding phtalimidine of formula (9): followed by raction with chlorosulphonic acid and thionyl chloride in the absence of solvent. amidation of comound of formula 10 was carried out with ammoin gas/solution in non-aqueous solvent like ketones and polar aprotic so9lvents like dimethylformamide, to yield compound of formula (11) with hydrogen peroxiden in peroxide in peroxide in presence of alkali results in high yield of chlorthalidone.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/06/2006
(21) Application No.867/MUM/2006 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : A PROCESS TO PREPARE ECO-FRIENDLY LIQUID HERBAL COMPOSITION AND THE COMPOSITION RESULTING THEREFROM FOR ENHANCED PROTECTION, GROWTH AND PRODUCTION OF PLANTS.

(51) International classification :A01N65/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)Gajanan Dattatraya Nampurkar

(57) Abstract :
The present invention relates to an improved liquid herbal composition. It relates to a process to prepare eco-friendly liquid herbal composition and the composition resulting there-from for enhanced protection, growth and production of plants. More particularly, the present invention relates to an improved plant energizer which facilities rise in microbial growth, microbial activities, increase in plant leaf index and total plant growth and resistance.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/06/2006

(21) Application No.868/MUM/2006 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : A Process to prepare eco-friendly liquid herbal composition and the composition resulting there from for good growth of plants.

(51) International classification :A01N65/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)Gajanan Dattatraya Nampurkar

(57) Abstract :
The present invention relates to an improved liquid herbal composition (plant energizer). It relates to an improved plant energizer to boost up healthy agricultural production. More particularly, the present invention relates to an improved plant energizer which facilitates rise in microbial growth, microbial activities and increase in plant leaf index total plant growth and resistance power and human health.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/08/2005

(21) Application No.953/MUM/2005 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : Optical Fiber Preform having Uniform Soot Deposition & its Mehtod of Preparation

(51) International classification	:G02B6/00, C03B37/027
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)STERLITE OPTICAL TECHNOLOGIES LTD
Address of Applicant :E2, MIDC, Waluj, Aurangabad-431136, Maharashtra India
(72)**Name of Inventor :**
1)SHAH, Sanket
2)SHAH, Jinesh
3)TRIPATHY, Santiswarup

(57) Abstract :
A method for producing an optical fiber preform having uniformly deposited soot particles comprising depositing soot particles by changing the speed of the target rod and/or the soot forming burner moving along the axis of the target rod in traverse motion in one direction with reference to the speed of the target rod and/or the soot forming burner in traverse motion in another direction is provided.

(12) PATENT APPLICATION PUBLICATION **(21) Application No.1068/CHE/2006 A**

(19) INDIA

(22) Date of filing of Application :22/06/2006 **(43) Publication Date : 26/01/2007**

(54) Title of the invention : SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED

(51) International classification	**:HO4B 1/40**	**(71)Name of Applicant :** **1)SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED** **Address of Applicant :Bagmane Lakeview, Block 'B', No.66/1, Bagmane Tech Park, C V Raman Nagar, Byrasandra, Bangalore 560 093 Karnataka India** **(72)Name of Inventor :** **1)CHANDAN PRAMANK** **2)RAJEEV VERMA** **3)LOKENDRA SHARMA** **4)SRINIVAS RAO MORLA**
(31) Priority Document No	**:NA**	
(32) Priority Date	**:NA**	
(33) Name of priority country	**:NA**	
(86) International Application No	**:NA**	
Filing Date	**:NA**	
(87) International Publication No	**: NA**	
(61) Patent of Addition to Application Number	**:NA**	
Filing Date	**:NA**	
(62) Divisional to to Application Number	**:NA**	
Filing Date	**:NA**	

(57) Abstract :

This invention provides method to facilitate User configured views of on going Cricket match win Wireless Device with minimal or no data services support. Proposed native application would receive Match updates at regular or event based intervals. Based on this received information, Cricket application to maintain data for User configured views.

(12) PATENT APPLICATION PUBLICATION (21) Application No.1069/CHE/2006 A
(19) INDIA
(22) Date of filing of Application :22/06/2006 (43) Publication Date : 26/01/2007

(54) Title of the invention : A METHOD AND SYSTEM OF PREDICTIVE DICTIONAY FOR NATIVE LANGUAGES IN ENGLISH SCRIPT AND NATIVE SCRIPTS

(51) International classification :B42D 10/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED
Address of Applicant :Bagmane Lakeview, Block 'B', No.66/1, Bagmane Tech Park, C V Raman Nagar, Byrasandra, Bangalore 560 093 Karnataka India
(72)Name of Inventor :
1)ALOK SRIVASTAVA
2)TASLEEM ARIF

(57) Abstract :
This is a method to facilitate predictive text entry in native languages using English alphabets also displaying the typed words on the screen in native language script. Application can run on all communication devices, which supports text messaging. A Search method will take all the characters generated by user key presses and will present a list of all matching words from the character combinations. It will prepare the list of words from Transliterated English Database. When the user selects a particular entry, index of Transliterated English word will be stored. A corresponding word at that index will be picked up from Native Language Word Database and will be displayed in text box in the Native language.

(12) PATENT APPLICATION PUBLICATION (21) Application No.1939/CHE/2005 A
(19) INDIA
(22) Date of filing of Application :28/12/2005 (43) Publication Date : 26/01/2007

(54) Title of the invention : SIDE STAND RELEASER

(51) International classification	:B62K 11/00	(71)Name of Applicant : 1)L.JOSEPH
(31) Priority Document No	:NA	Address of Applicant :NO-70,MARY'S
(32) Priority Date	:NA	COTTAGE,LINK ROAD(NEAR FIRE STATION),
(33) Name of priority country	:NA	VARATHARAJAPURAM,PANRUTI,T.N.INDIA
(86) International Application No	:NA	Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)L.JOSEPH C.T.I
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
The present invention of Side Stand Releaser used in two wheeler provides a means to indicate the person driving the vehicle about the side stand results in Number of accidents and sometimes seems to be Fatal. The Side Stand Releaser there by provide a inter lock for the Gear mechanism of the vehicle. Unless the side stand is released mechanically the vehicle cannot be functioned. This Side Stand Releaser can be fitted to any types of two wheelers Geared vehicles and the arrangement is such that it provides a interlock to the Gear mechanism preferably Gear lever. It is small in size, cheap, Easy to handle, Simple in mechanism, very low maintenance Kit and flexible to use in all two wheeler vehicles.

12) PATENT APPLICATION PUBLICATION **(21) Application No.2239/CHE/2006 A**

(19) INDIA

(22) Date of filing of Application :04/12/2006 **(43) Publication Date : 26/01/2007**

(54) Title of the invention : PROCESSED TENDER COCONUT BALL

(51) International classification	**:A23L 2/00**	**(71)Name of Applicant :**
(31) Priority Document No	**:NA**	**1)R.SEKARAN**
(32) Priority Date	**:NA**	**Address of Applicant :1086,KAKKA VATTARAM THANJAVUR- 613 009 INDIA Tamil Nadu India**
(33) Name of priority country	**:NA**	
(86) International Application No	**:NA**	**2)R.PICHAI AMMAL**
Filing Date	**:NA**	**3)R.PICHAI AMMAL**
(87) International Publication No	**: NA**	**(72)Name of Inventor :**
(61) Patent of Addition to Application Number	**:NA**	**1)R.SEKARAN**
Filing Date	**:NA**	**2)R.PICHAI AMMAL**
(62) Divisional to to Application Number	**:NA**	
Filing Date	**:NA**	

(57) Abstract :

The tender coconut which are available in the coconut trees are brought to roadside. The upper portion of the husk of the Coconut is removed by sickle in the conventional method. A hole is made and water is drunk. This method has a lot of inconveniences and by a new process the Tender Coconut Ball is produced. The Green husk of the coconut is removed by a special sickle. The outer layers are removed one by one. The fibers which are attached with Coconut are removed by the fiber remover. Thus a processed Tender Coconut Ball is Produced.

(12) PATENT APPLICATION PUBLICATION (21) Application No.2420/CHE/2006 A
(19) INDIA
(22) Date of filing of Application :26/12/2006 (43) Publication Date : 26/01/2007

(54) Title of the invention : SEMI HOLLOE CHIMNEY BRICK

(51) International classification	:EO4C 1/00	(71)Name of Applicant : 1)RAJA REDDY CHADIVE
(31) Priority Document No	:NA	Address of Applicant :25-2-490
(32) Priority Date	:NA	CHAITANYAPURI NELLORE-521004 Andhra
(33) Name of priority country	:NA	Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)RAJA REDDY CHADIVE
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
Key Words: Chimney Brick, Semi Hollow Chimney Brick: Semi hollow chimney bricks made by casting in moulds a mix of cement, sand, metal chips, fly ash, gypsum and water in suitable proportions. This brick has solid interior and hallow space in the outer half and a slightly raised vent on the outside of the brick. After construction the vents form parallel chimneys on the outer surface of the wall. The solid part gives rigidity to the wall and the hollow space gives good insulation to heat and sound. Convection currents of air in the chimneys keeps the interior of the building cooler in the summer and warmer in the winter.

(12) PATENT APPLICATION PUBLICATION (21) Application No.64/CHE/2006 A
(19) INDIA
(22) Date of filing of Application :16/01/2006 (43) Publication Date : 26/01/2007

(54) Title of the invention : SMS USING LANDLINE PHONE WITH FREE OF COST

(51) International classification :H04 Q 007/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

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2)D.V.K. SATYA NARAYANA
(72)Name of Inventor :
1)D.SRIMAN NARAYANA
2)D.V.K. SATHYA NARAYANA

(57) Abstract :
The invention named "Short Messaging service using Landline Phones with free of cost" to provide a free SMS service in landlines phones using Microcontroller controlled unit. The merit of this invention is that we can send free SMS through Land line phone network to any countries. The brief description of the above mentioned invention is as follows. Normally in the LAND LINE PHONE there exist twenty rings when a phone call is made. Using these twenty rings we are going to send the message. The phone ring which is in the form of pulse is first traced and given as the inputs to the counters of the micro controller. The micro controller is programmed such that for one rings the alphabet'a' will be recognized and so on for all the alphabets.

Publication After 18th Month :

The following Patent Applications have been published under Section 11A (3) of The Patents (Amendment) Act, 2005. Any Person may file representation by way of opposition to the Controller of Patents at the appropriate office against the grant of the patent in the prescribed manner under section 25(1) of the Patents (Amendment) Act, 2005 read with the rule 55 of The Patents (Amendment) Rules, 2006:

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/01/2004
(21) Application No.00021/MUMNP/2004 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : LIFTING AND SUPPOPRTING DEVICE

(51) International classification :H01L 21/00
(31) Priority Document No :101 34 513.5
(32) Priority Date :16/07/2001
(33) Name of priority country :Germany
(86) International Application No :PCT/EP02/07856
Filing Date :15/07/2002
(87) International Publication No :WO 03/008323 A2
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

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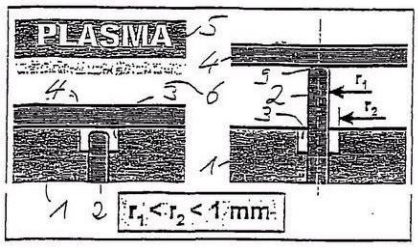
1)UNAXIS BALZERS AKTIENGESELLSCHAFT
Address of Applicant :POSTFACH 1000, 9496 BALZERS, FURSTENTUM LIECHTENSTEIN, Liechtenstein
(72)**Name of Inventor :**
1)MUSTAPHA ELYAAKOUBI
2)JACQUES SCHMITT

(57) Abstract :
The invention relates to a lifting and supporting device for handling and positioning particularly large-surface elements in the shape of panels, especially in plasma processing installations. Said lifting and supporting device comprises a particularly metallic base plate, on which a plurality of particularly dielectric pins are arranged. Said pins may be set in pin holes especially provided in the base plate. Said panel-shaped element may be positioned on the pin end for the handling thereof or during a plasma processing. Said panel-shaped element may present an electrostatic charge. A small diameter for the pins and pin holes is selected such that, in conformity with the panel-shaped element provided with the electrostatic charge, an undesired electrostatic charge on said panel-shaped element is essentially avoided or, in conformity with the panel-shaped element to be plasma processed, a plasma perturbation in the area of the pin holes or pins is essentially avoided.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/09/2004

(21) Application No.1015/MUM/2004 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : ONE TIME AUTOMATIC, HEAT PROOF, LIGHT PROVIDED AND NON POLLUTED DEBEAKER.

(51) International classification	:A01K 45/00	(71)**Name of Applicant :** **1)BHAMBURE ACHYUT RAMCHANDRA** Address of Applicant :81, SHIVAJINAGAR, PHALTAN, DIST. SATARA-415 523 Maharashtra India **2)METAKARI ABBAS HUSEN**
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72)**Name of Inventor :** **1)BHAMBURE ACHYUT RAMCHANDRA** **2)METAKARI ABBAS HUSEN**
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
One time automatic, heat proof, light provided and non polluted de-beaker comprising (a) Sancronous motor and uneven wheel assembly which moves the red hot blade assembly upwards and downwards (b).The size of the uneven wheel keeps the duration of 3 to 4 seconds (c). The sliding plate with various sized holes and its mechanism which makes heat proofing effect inprosses of de-beaking work. (d) The front light system which provides light to observe the work effectively. (e) The exost fan system which pushes out the polluted air.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/09/2004

(21) Application No.1020/MUM/2004 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : LACTOBACILLUS DELBRUECKII MTCC 5199 AND A METHOD OF PRODUCING LACTIC ACID

(51) International classification :C12P7/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)THE GODAVARI SUGAR MILLS LTD
Address of Applicant :FAZALBHOY BLDG, 45/47, MAHATMA GANDHI ROAD, FORT, MUMBAI-400 001, Maharashtra India
(72)**Name of Inventor :**
1)ANIL AMUNDKAR
2)SANGEETA SRIVASTAVA

(57) Abstract :
The present invention provides a process for preparing lactic acid comprising the steps of puring sterile air to the nutrient media; incubating Lactobacillus delbrukii MTCC 5199 at an effective concentration in a nutrient medium at an incubating pH sufficiently to allow production of lactic acid; adjusting the final pH to 7 to 9; and recovering lactic acid from the nutrient medium after 45 to 55 hrs. The incubating temperature is most preferably 52 degree c and the dissolved oxygen content is maintained between 0.55 ppm to 5.00 ppm. The process yields lactic acid salt about 97% with a conversion of about 91%.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/10/2004

(21) Application No.1051/MUM/2004 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : A TOPICAL SKIN CARE COMPOSITION

(51) International classification	:A61K8/00	(71)**Name of Applicant :**
(31) Priority Document No	:NA	**1)SHAH CHANDULAL FULCHAND**
(32) Priority Date	:NA	Address of Applicant :166, LANE 7, SECTOR 7,
(33) Name of priority country	:NA	SATYAGRAHA CHHAVNI, SATELLITE ROAD,
(86) International Application No	:NA	AHMEDABAD-380 015, Gujarat India
Filing Date	:NA	(72)**Name of Inventor :**
(87) International Publication No	: NA	**1)SHAH CHANDULAL FULCHAND**
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
A topical skin care composition comprising chlorbutol also knows as chloretone as an antipruritic agent: 2 to 10%; salicylic acid as a keratolytic and keratoplastic agent: 1.5 to 2.5% and malachite green or brilliant green q.s. to give standard color identity and also mild antiseptic and fungistatic function, dissolved in denatured spirit q.s. 100% as a vehicle and also for its cooling and antiseptic properties along with 0 to 1% of an antiseptic.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/10/2004
(21) Application No.1055/MUM/2004 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : NEW PHARMACEUTICAL COMPOSITION

(51) International classification	:A61K31/58, A61K31/56, A61K31/505
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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Address of Applicant :289, BELLASIS ROAD, MUMBAI CENTRAL, MUMBAI-400 008, Maharashtra India
(72)**Name of Inventor :**
1)LULLA AMAR
2)MALHOTRA GEENA

(57) Abstract :
The present invention discloses a pharmaceutical composition comprising atleast one alpha adrenergic receptor blocker or its salt, derivative or enantiomer thereof, preferably tamsulosin and atleast one 5-alpha reductase inhibotor or its salt, derivative or enantiomer thereof, preferaly finasteride and pharmaceutically acceptable excipients, wherein said alpha adrenergic receptor blocker or its salt, derivative or enantiomer threof is in a sustained release form or enteric coated form and said 5-alpha reductase inhibitor or its salt, derivative or enantiomer thereof is in immediate release form.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/10/2004
(21) Application No.1085/MUM/2004 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : EDUCATIONAL VISUAL AIDS (EYE SYSTEM)

(51) International classification	:G09B19/00, G09B1/00, G09B7/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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Address of Applicant :732/B-22, EKTA SOCIETY, SECTOR 7, CHARKOP, KANDIVALI (W), MUMBAI - 400 067, MAHARASHTRA, INDIA. Maharashtra India
(72)**Name of Inventor :**
1)MANDALIK NANABHAU BHIKA

(57) Abstract :
An educational visual aid device for eys system, comprising of a front/upper panel, a tilting element, a sliding element, a back/lower panel and a base support, the said front panel printed with external eye construction and impression of an article showing light rays enetering into the eye, an egg/semi-eliptical slot, forming an eye cavity and a rectangular slot forming a window for showing eye sightedness, being provided in the said front panel, the said tilting element printed with external eye construction showing the eye ball, pivotedly provided below the fornt panel, eye ball occupying the eye cavity in its one position and clearing the eye cavity in another position, a tab integrally provided or fixed to the said tilting element and projecting on the rear side through a curved slot provided in the base support, a sliding element, printed with the internal construction of eye, showing retina and optical sensory nerves and the three eye sightedness, i.e. Normal, Myopia and Hypermetropia, slidably provided below the said tilting element, a tab integrally provided or otherwise fixed to the sliding element, projecting on the rear side through a straight slot provided in the base support, the said back lower panel printed with the inter construction of the eye showing the eye lens, light rays forming inverse image on the retina, provided on the top/upper surface of the base support, below the said sliding element and the said base support provided with a curved slot and a sraight slot for supporting and accommodating the respective tabs of the said tilting and sliding elements.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/10/2004

(21) Application No.1086/MUM/2004 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : EDUCATIONAL VISUAL AIDS (JOINTS OF THE SKELETON SYSTEM)

(51) International classification	:G09B 23/02, G09B 23/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MANDALIK NANABHAU BHIKA

(57) Abstract :
An educational visual aid device for joints of the Skeleton System comprising of the front panel and a back panel made sheet Material, the said front panel sheet cut to illustrate the components of a joint(s) of Skeleton System, the fixed part of the joint being fixedly provided/ pasted on the front surface of the said back panel and the moving part of the joint being hinged or pivotally attached to the front surface of the back panel with the help of pin(s) with or without using one or more toggle plate(s), one or more slots provided through the said back panel and a lever, connected to the moving part of the joints projecting through the said slot on the back side, which when moved in the said slot demonstrates the working of the joint of the Skeleton System.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/10/2004

(21) Application No.1123/MUM/2004 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : PROCESS FOR PRODUCING ENANTIOMER OF AMLODIPINE IN HIGH OPTICAL PURITY

(51) International classification	:A61K31/44
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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Address of Applicant :EMCURE HOUSE, T-184, M.I.D.C., BHOSARI, PUNE, Maharashtra India
(72)**Name of Inventor :**
1)MILIND MORESHWAR GHARPURE
2)BABURAO MANIKRAO BHAWAL
3)PRASAD VASUDEO RANADE
4)RAJENDRA DAGADU DESHMUKH
5)SATISH RAMANLAL MEHTA

(57) Abstract :
A process for preparation of optically pure(S)-amlodipine-L-hemitartrate DMF solvate comprising the steps of treating (R,S)amlodipine base with L-tartaric acid in the presence of dimethyl formamide and a co-solvent.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/10/2004

(21) Application No.1131/MUM/2004 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : AN IMPROVED CHILD RESISTANT PACK WITH A RESEALABLE LAYER

(51) International classification :B65D83/04
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :ZYDUS TOWER, SATELLITE CROSS ROAD, AHMEDABAD-380 015, Gujarat India
(72)**Name of Inventor :**
1)DESAI JATIN
2)PATEL B.K.
3)DESAI PRASHANT
4)S. SAMPATH

(57) Abstract :
A blister pack for pcking pharmaceutical soild dosage form characterized in that it is possessing child resistant resealable pack feature which is intact even after removal of each dosage unit from the pack. The pack has resealable film which reseals the blister upon removal of dosage form from cavities/blisters and thereby avoiding temptation of curious children to open further blister. Further the invention disclosed here can be easily used by elderly patients and patients with physical disabliity and is relatively economical.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/10/2004

(21) Application No.1153/MUM/2004 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : EXTENDED RELEASE FORMULATION OF PRAMIPEXOLE DIHYDROCHLORIDE

(51) International classification	:A61K9/20, A61K9/28, A61K31/426
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)ALEMBIC LIMITED
Address of Applicant :ALEMBIC ROAD, VADODARA-390 003, GUJARAT, INDIA Gujarat India
(72)**Name of Inventor :**
1)KSHIRSAGAR RAJESH
2)JOSHI MAYANK
3)KUMAR AMRESH

(57) Abstract :
An extended release composition of Pramipexole or a pharmaceutical acceptable salt thereof, wherein the active agent is coated on a non pareil inert core, the drug loaded core is further coated with a polymeric layer which enables the release of the being active agent over an extended period and optionally the etended release pellets being further blended with suitable excipients and compressed into a multi unit tablet and processes for the preparation of the said composition.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/10/2004

(21) Application No.1154/MUM/2004 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : APPARATUS AND PROCESS FOR CONVERSION OF WASTE GASES GENERATED FROM FERRO-ALLOYS FURNACES AND ENERGY CONSERVATION

(51) International classification :B01D53/62
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)CHATTISGARH ELECTRICITY COMPANY LIMITED
Address of Applicant :INDUSTRIAL GROWTH CENTRE, SILTARA, RAIPUR-493 111, Chattisgarh India
(72)**Name of Inventor :**
1)RAVI LADDA

(57) Abstract :
Apparatus and process for conversion of waste gases wherein the process steps comprising release of the Co from the Ferro-alloy furnaces, Receiving the Co gases by passage duct which supplies/connects to a burner, The temperature of the Co is reduced down from 650C to 400C in the passage duct, Co entering the burner and burnt, CO is utilized as fuel to generate steam & electricity.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/12/2003

(21) Application No.1157/MUMNP/2003 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : MYCOPLASMA BOVIS VACCINE AND METHODS OF REDUCING PNEUMONIA IN ANIMALS

(51) International classification	:A61K 39/02, A61P 31/04, C12N 1/20
(31) Priority Document No	:60/302,638
(32) Priority Date	:02/07/2001
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/IB02/02514 :27/06/2002
(87) International Publication No	:WO 03/004052 A1
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)PFIZER PRODUCTS INC.
Address of Applicant :EASTERN POINT ROAD,GROTON, CONNECTICUT - 06340, U.S.A.
(72)**Name of Inventor :**
1)ROBIN LEE KEICH
2)DAVID ROSS McGAVIN
3)ROBERT JOHN YANCEY

(57) Abstract :
The present invention relates to Mycoplasma bovis vaccines and methods for treating or preventing a disease or disorder in an animal caused by infection by Mycoplasma bovis by administering to the animal an effective amount of a Mycoplasma bovis vaccine. The Mycoplasma bovis vaccine can be a whole or partial cell inactivated or modified live preparation, a subnit vaccine, or a nucleic acid or DNA vaccine. The Mycoplasma bovis vaccine administered in accordance with the present can be synthesized or recombinantly produced. The invention also related to combination vaccines, methods of preparing Mycoplasma bovis vaccines and kits.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/10/2004

(21) Application No.1162/MUM/2004 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : A FLEXIBLE ARTICLE

(51) International classification	:A61F7/00, F25D3/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)CHOPDE KETAKI PRASHANT
Address of Applicant :44, BHOSALE NAGAR, PUNE-411 007, Maharashtra India
(72)**Name of Inventor :**
1)CHOPDE KETAKI PRASHANT

(57) Abstract :
The invention relates to a flexible article, which can be removably secured to a part of the human body or animal body comprising, a first laminate contactable with a pre-determined part of a human body or an animal body; a second optically transparent laminate secured at least to the edge of the first laminate to define an enclosed space between the first and the second laminate; at least one fluid provided in the said enclosed space; at least one display element provided on at least the first laminate, the second laminate or within the fluid to form an aesthetic display or advertising media; and means to secure th earticle to a pre-determind part of the human body or an animal body.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/11/2003

(21) Application No.1231/MUM/2003 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : ITRACONAZOLE ORAL DOSAGE FORMS

(51) International classification	:A61K 9/24
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)GLENMARK PHARMACEUTICALS LIMITED
Address of Applicant :B/2, MAHALAXMI CHAMBERS, 22, BHULABHAI DESIA ROAD, POST BOX NO. 25611, MUMBAI - Maharashtra India
(72)**Name of Inventor :**
1)NILENDU SEN
2)SHRIKANT BHONSLE
3)ANANDI KRISHNAN
4)KAVITA CHANDURKAR

(57) Abstract :
The present invention relates to pharmaceutical dosage forms which include an antifungal having poor solubility. The pharmaceutical dosage forms of the present invention further comprise non-spherical granules, which do not contain a coated core region and may be formed into pharmaceutically acceptable dosage forms. The antifungal active pharmaceutical ingredients include itraconazole, saperconazole, ketoconazole, voriconazole and fluconazole.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/02/2003
(21) Application No.137/MUM/2003 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : A DEVICE, WHICH IS A MEDIAIR : ANATOMICALLY DESIGNED CAPSULATED AIR COLUMN USED IN VEHICLE SADDLE

(51) International classification	:B62J 1/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SETHI SURMEET SINGH
Address of Applicant :59, MYSORE COLONY, MEHUL ROAD, CHEMBUR, MUMBAI - 400 074, Maharashtra India
(72)**Name of Inventor :**
1)SETHI SURMEET SINGH

(57) Abstract :
The present invention "MEDIAIR"; Anatomically designed capsulated air column used in vehicle saddle" comprising of:- A capsulated air column made up of soft fiber (1), which has a shape of capsule that is cut horizontally along its horizontal cetral axis. The said capsulated air column is located at the front end of saddle bottom. With the help of two side wings (2). Dual density foam, which provides two different densities to the cushion. Foamed PVC technology by which air bubbles give extra softness to the saddle. A dent curvature present at the middle portion of the saddle for protecting sensitive parts of human body. Ergonomically designed exact contours to support human bone structure provided at the back end of saddle.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/02/2003

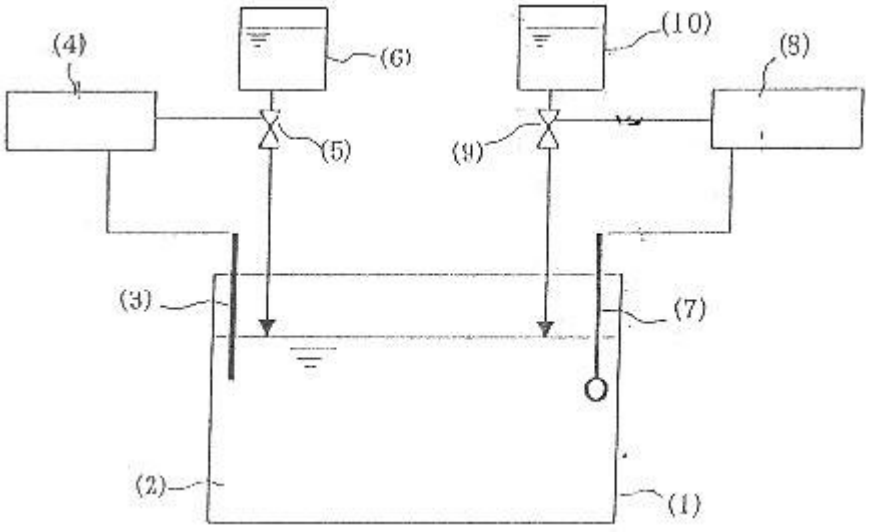
(21) Application No.174/MUMNP/2003 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : METHOD OF CONTROLLING WATER BASE-PROCESS TYPE LUBRICATING AND PROCESSING FLUID FOR COLD FORGING

(51) International classification	:B 21J3/00, B21K7/00
(31) Priority Document No	:2000-267883
(32) Priority Date	:05/09/2000
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP01/07590 :03/09/2001
(87) International Publication No	:WO 02/20193
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)HONDA MOTOR CO. LTD.
Address of Applicant :1-1, MINAMIAOYAMA 2-CHOME, MINATO-KU, TOKYO 107-8556, Japan
(72)**Name of Inventor :**
1)YAMMOTO MAMORU
2)YOSHIDA MASAYUKI
3)IMAI YASUO
4)YAMAGUCHI HIDEHIRO

(57) Abstract :
A method of effectively and easily controlling the water base-process type lubricating and processing fluid for cold forging, containing at least one or more types of water-soluble inorganic salt, used for cold forging without forming a chemical conversion coating on a metal surface, comprising the steps of measuring the electric conductivity of the lubricating and processing fluid, and feeding lubricant or water to adjust the electric conductivity to a desirable value before operation.



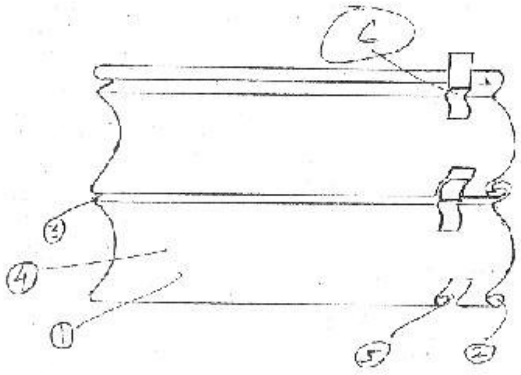
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/03/2002

(21) Application No.216/MUM/2002 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : AN IMPROVED LOCKING SYSTEM OF SHUTTER STRIP FOR ROLLING SHUTTERS

(51) International classification	:E06B 09/00	(71)**Name of Applicant :** **1)MOHAMMAD HUSSAIN CHULAWALA** Address of Applicant :HANUMAN NIWAS, SHOP NO. 5 PRATAP NAGAR, BHANDUP (W), MUMBAI-400 078. Maharashtra India **2)MUSTAFA MOHAMMAD HUSSAIN CHULAWALA**
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	(72)**Name of Inventor :** **1)MOHAMMAD HUSSAIN CHULAWALA** **2)MUSTAFA MOHAMMAD HUSSAIN CHULAWALA**
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
An improved locking system of shutters strips for rolling shutters having rectangular section (1) made from metal particularly of GI sheet which are made into the section comprising a top overlapping portion with a bigger opening (2) for the subsequent lower opposing (3) over lapping portion to slide into to make the continuity while the said section is concave and flat at the middle (4) the top overlap portions have a cut-out (5) and the lower lapping portionsin the opposing direction with a lesser channelling having an its top a flap and cut-out (6) which will be accommodated in the top cut-out portion by press fitting so as to obstract the further moveemnt of the subsequent shutter strips; the cut-outs and flaps and cut-outs are made by machine thereby avoiding labourious making of shutter sections with consealed locking inside the guides.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/03/2004

(21) Application No.307/MUM/2004 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : PROCESS FOR PREPARING CONTROLLED RELEASE GASTRO-RETENTIVE BUOYANT MATRIX TABLETS

(51) International classification	:A61K 9/20, A61K 31/496, C07D 215/56,
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)CADILA HEALTHCARE LIMITED
Address of Applicant :ZYDUS TOWER, SATELLITE CROSS ROADS, AHMEDABAD - 380 015 Gujarat India
(72)**Name of Inventor :**
1)TIWARI SANDIP B
2)PAI RAVEEDRA

(57) Abstract :
A once a day buoyant gas powered matrix composition in the form of a tablet for oral administration in mammals for controlled release of ciprofloxacin which comprises ciproflaxin, from 5 to 40% by wt of a gas evolving agent and from 0.5 to 10% by wt of a binder, the balance consisting of pharmaceutically acceptable excipients, said composition having been granulated by a wet granulating process and compressed into tablets.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/04/2003

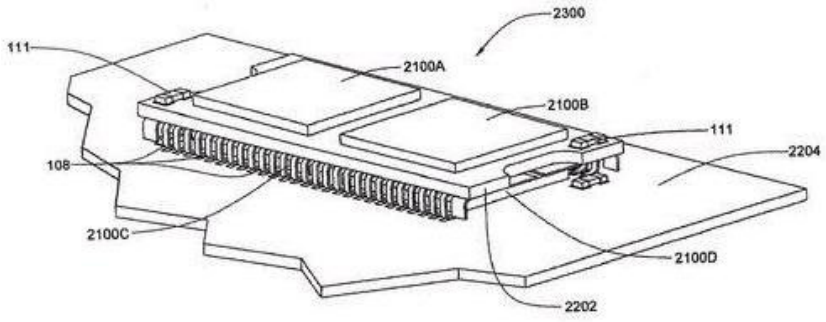
(21) Application No.359/MUMNP/2003 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : ELECTRONIC MODULE HAVING CANOPY TYPE CARRIERS

(51) International classification :H 01 L 25/10
(31) Priority Document No :09/688,499
(32) Priority Date :16/10/2000
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US01/32330
Filing Date :16/10/2001
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)LEGACY ELECTRONICS, INC.
Address of Applicant :1001, CALLE AMANECER, SAN CLEMENTE, CA 92673, U.S.A.
(72)**Name of Inventor :**
1)KENNETH J. KLEDZIK
2)JASON ENGLE

(57) Abstract :
An electronic module comprising: first and second sets of IC package, each set comprising at least one package, and each package having a package body containing an integrated circuit chip and a plurality of connection elements coupled to said chip and extending at least to the surface of said body; at least one IC package unit having a carrier with at least one mounting location thereon for conductively bonding thereto the connection elements of at least one first-set IC package, said carrier also having a set of carrier leads which extended outwardly and downwardly from said mounting location, thereby forming a recess within which at least one second-set IV package may be nested; a printed circuit board having at least one surface-mount pad array thereon, each pad away having conductively bonded thereto both the leads of one IC package unit and the connection elements of at least one nested second-set IC package.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/01/2004

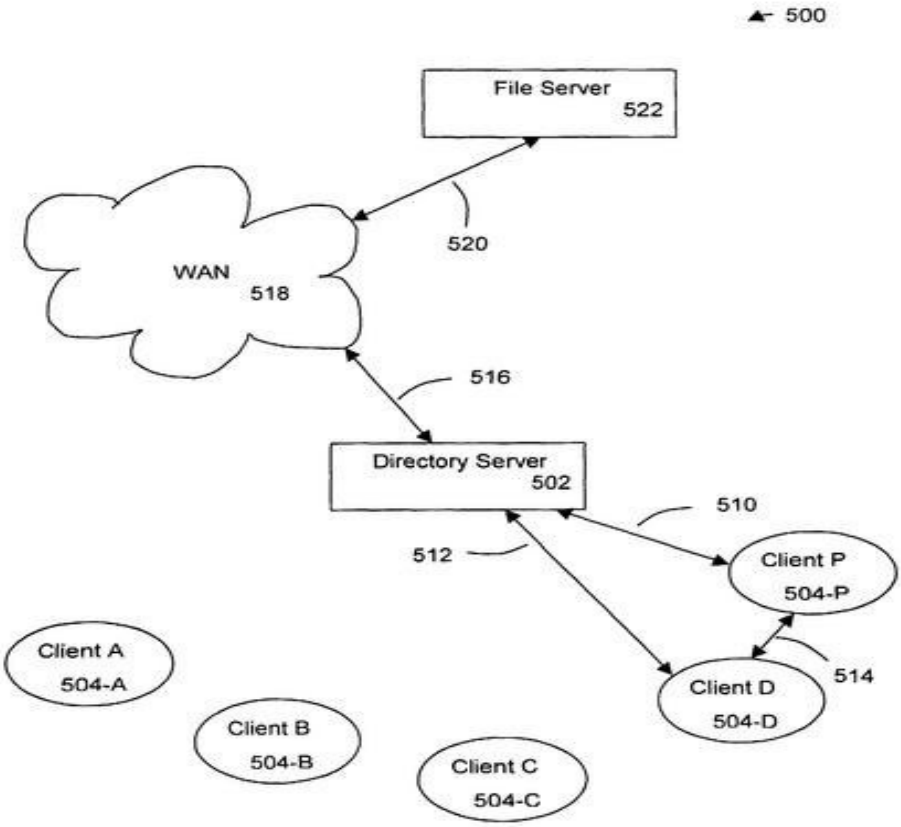
(21) Application No.41/MUMNP/2004 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : METHOD AND APPARATUS FOR PEER TO PEER SERVICES

(51) International classification :H04L 29/08
(31) Priority Document No :60/303,706
(32) Priority Date :06/07/2001
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US02/21018
Filing Date :03/07/2002
(87) International Publication No :WO 2003/005244 A3
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)INTEL CORPORATION
Address of Applicant :2200 MISSION COLLEGE BOULEVARD, SANTA CLARA, CALIFORNIA 95052, UNITED STATES OF AMERICA. U.S.A.
(72)**Name of Inventor :**
1)DERMOT HONAN
2)MARTIN CURLEY
3)IVAN HARROW
4)DAVID FLEMING
5)FRANK DALY

(57) Abstract :
The present invention pertains to networks. more particularly, the present invention relates to a apparatus for peer-to-peer services.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/04/2004

(21) Application No.460/MUM/2004 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : A NOVEL PROCESS FOR ISOLATION OF 6- GINGEROL FROM PLANT zingiber ofiicinale, AGENT FOR ANTIDIABETIC TREATMENT

(51) International classification	:A61K 35/78, C07C 43/02, C07C 33/28
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)L. M. COLLEGE OF PHARMACY
Address of Applicant :AHMEDABAD EDUCATION SOCIETY, P.O. BOX. NO. 4011, NAVRANGPURA, AHMEDABAD - 380 009. GUJARAT, INDIA. Gujarat India
(72)**Name of Inventor :**
1)DR. RAMESH KISHORILAL GOYAL.,
KADNUR VENKATACHALAPATHI SANJAY.

(57) Abstract :
Isolating 6-gingerol using column chromatography from extract of the Zingber officinale pure, potent antidiabetic and antihyperlipidemic agent, characterising of compound by spectra reading. 1 kg of the powder of dried rhizomes of Z. officinale is extracted using methanol by cold maceration, methanolic extract is filtered, concentrated, dried under vacuum. 30 gm of methanolic extract is adsorbed on silica gel (60-120 mesh) and loaded on silica gel column (4.5 cm diameter to height 50 cm). Eluting with hexane with increasing concentrations of ethl acetate (0 to 33.33%), fraction containing higher concentration of 6-gingerol is concentrated and dried under vacuum. 1 gm of the dried 6-gingerol fraction is further purified through chromatography, with hexane with increasing concentrations of ethyl acetate (0-15%). Fraction is concentrated and vacuum dried to get pure 6- gingerol isolated. Isolated 6-gingerol is greater than 0.2% of the powder of the dried rhizomes of Zingiber ofiicinale.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/05/2003
(21) Application No.474/MUMNP/2003 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : POLYMER PROCESSING OF A SUBSTANTIALLY WATER-RESISTANT MICROPOROUS SUBSTRATE

(51) International classification	:B41M 5/00,C08G18/08
(31) Priority Document No	:60/317,113
(32) Priority Date	:05/09/2001
(33) Name of priority country	:U.K.
(86) International Application No Filing Date	:PCT/US02/28238 :05/09/2002
(87) International Publication No	:WO 03/020530 A1
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)PPG INDUSTRIES OHIO INC.
Address of Applicant :3800 WEST 143RD STREET, CLEVELAND, OH 44111, U.S.A.
(72)**Name of Inventor :**
1)BENENATI PAUL L
2)KAHLE CHARLES F.
3)HILL CHARLES T.
4)LIPKO LARRY E.
5)KOVACS JOSEPH P.
6)PARRINELLO LUCIANO M

(57) Abstract :
The present invention is directed to a multilayer article comprising a substantially water-resistant, coated, microporous substrate connected to a substantially nonporous material. Further, the present invention is directed to a process for producing the multilayer article. The multilayer article and method of the present invention is especially useful for an ink jet recordable substrate and printing on said substrate.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/05/2003

(21) Application No.488/MUMNP/2003 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : COSMETIC METHOD OF TREATING SKIN

(51) International classification :A 61 K 7/48
(31) Priority Document No :0027769.9
(32) Priority Date :14/11/2000
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP01/12732
Filing Date :02/11/2001
(87) International Publication No :WO 02/039960 A3
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HINDUSTAN LEVER LIMITED
Address of Applicant :HINDUSTAN LEVER HOUSE, 165/166, BACKBAY RECLAMATION, MUMBAI Maharashtra India
(72)**Name of Inventor :**
1)DONOVAN ROBERT MARK (IRISH)

(57) Abstract :
A cosmetic method for treating aged, wrinked and/or photodamaged skin is provided through topical application of a composition which comprises 8-prenylnaringenin.

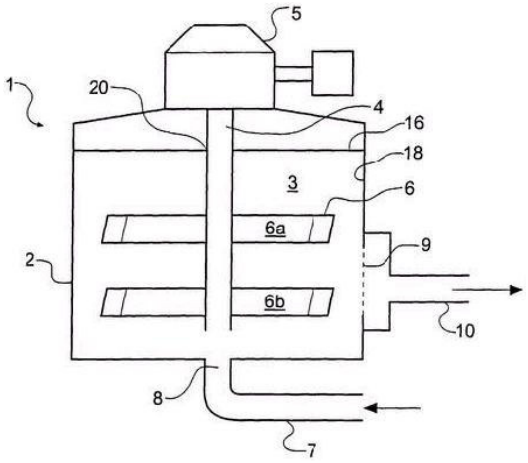
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/05/2003
(21) Application No.499/MUMNP/2003 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : GRINDING OF PARTICULATE MATERIAL

(51) International classification	:B02C 17/16, B02C 17/20
(31) Priority Document No	:0027659.2
(32) Priority Date	:13/11/2000
(33) Name of priority country	:U.K.
(86) International Application No Filing Date	:PCT/GB01/05006 :13/11/2001
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)IMERYS MINERALS LIMITED
Address of Applicant :JOHN KEAY HOUSE, ST. AUSTELL, CORNWALL, PL25 4DJ, U.K.
(72)**Name of Inventor :**
1)PEARCE DAVID ANTHONY

(57) Abstract :
Apparatus (1) for grinding a suspension of a particulate solid material. The apparatus (1) comprises a grinding chamber (2), means(7, 8) for introducing a suspension of the particulate solid material into the grinding chamber (2) and an impeller (6) which is rotated and thereby agitates the particulate grinding medium and the suspension of particulate solid material in the grinding chamber (2). The impeller (6) has at least one blade (12), the said blade (12) having a leading face (14) in the direction of rotation (R) of the impeller (6), which leading face (14) is offset relative to a plane of rotation of the impeller (6). In a preferred embodiment, an upper edge of the said leading face (14) is the leading edge and a lower edge of the said leading face is the trailing edge of each blade (12), so that the impeller (6) acts to drive the material in the grinding chamber (2) downwards towards a baseof the grinding chamber (2), thereby compresing the material in the grinding chamber (2). A baffle member (16) comprising an annular plate may be located in the grinding chamber (2) above the impeller (6) at a preset height, so that thematerial in the grinding chamber (2) is maintained in a compressed condition.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/05/2004

(21) Application No.511/MUM/2004 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : PROCESS FOR THE PREPARATION OF A FOOD ADDITIVE

(51) International classification	:A 23J 1/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)HINDUSTAN LEVER LIMITED
Address of Applicant :Hindustan Lever House, 165/166, Backbay Reclamation, Mumbai-400 020, Maharashtra India
(72)**Name of Inventor :**
1)KALYANASUNDARAM SRINIVASAN
2)RANGASWAMY Mahalakshmi
3)NAIK Vijay Mukund

(57) Abstract :
The present invention provides a process for the preparation of an iron-containing food additive which is prepared from plant material comprising chlorophyll. The process comprises the steps of; (a)treating plant matter comprising chlorophyll with an aqueous solution of an acid., and simultaneously or subsequently treating plant matter with an iron containing compound. (b) neutralising the matter from step a) with an alkaline material to produce treated plant matter, (c) separating water soluble material from the treated plant matter and d)drying the treated plant matter to abtain a powder. The food additive produced by the process comprises iron in a highly bio-absorbable from and is convenient to manufacture.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/05/2004

(21) Application No.520/MUM/2004 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : DRY POWDER INHALER

(51) International classification	:A61M 15/00, A61M 16/00	(71)**Name of Applicant :** **1)SUN PHARMACEUTICAL INDUSTRIES LTD.** Address of Applicant :ACME PLAZA, ANDHERI-KURLA ROAD, ANDHERI(E),MUMBAI400059, Maharashtra India
(31) Priority Document No	:NA	(72)**Name of Inventor :**
(32) Priority Date	:NA	**1)MR. GOKHALE SATISH**
(33) Name of priority country	:NA	**2)DR. SUBHAS BALARAM BHOWMICK**
(86) International Application No	:NA	**3)MR. GANORKAR, KIRTI WARDHAMAN**
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
The present invention provides a dry powder inhaler for administering medicaments in solid finely cividedfopm to patients, wherein the dry powder inhaler is in the form of an improved diskhaler, wherein the improvement comprises replacment of two unites, the first being a iorarable support and second being an annular blister pack with a single unit comprising a single disk comprising a plurality of medicament contaning cavites and wherein, the improvement further comprises of sealing layers that seal the cavities and are rupturable such that when rupured, the medicament from the cavities is not retained in the cavity but is delivered to a chasmber leading to a mouthpiece.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/05/2004

(21) Application No.568/MUM/2004 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : DIETARY NUTRITIONAL SUPPLEMENTS IN PELLET FORM AND METHOD OF PREPARATION THEREOF

(51) International classification	:A23L 3/40
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)PATEL DHARMENDERBHAI BHAGWANBHAI

(57) Abstract :
The present invention is dietary nutritional supplements in the form of pellets and metod of preparation tereof. The pellet composition compries the nutritional supplement protein-milk protein, soya protein, amino acid L-Lycine; carbohhydrats-sucrose, Malto Dextrine, Coca poser; fats; Vitamin-Vitamin A from natural source of mixed Carotenoids, Cynocobalmine, Vitamin D, Vitamin B, Vitamin B, Vitamin B, Vitamin C, Vitamin E, Vitamin K, Folic Acid, Calcium Pantothenate, Niacinaide; minerals-Calcium, Phoaphorous, CarbonyI Iron Magnesium, Magnanese, Copper, Zinc, Chromium, Selenium; permitted food colour and flavour. All the ingredients are crushed in uniform powder and coated on sugar pellets containing lactose by loading/spraying method, drying & sieving the pellets and blending in double cine blender. This is more stable form and easily eat with/without milk/water. On dispersion in milk or water, it does not form lumps. Pellet composed of dietary nutritional supplement gives synergistic affect and adds nutritional.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/05/2004

(21) Application No.581/MUM/2004 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : GROOVED ROLLED THREAD FLANGE

(51) International classification :B65D39/08
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SUDARSHAN MADHOPRASAD SARAF
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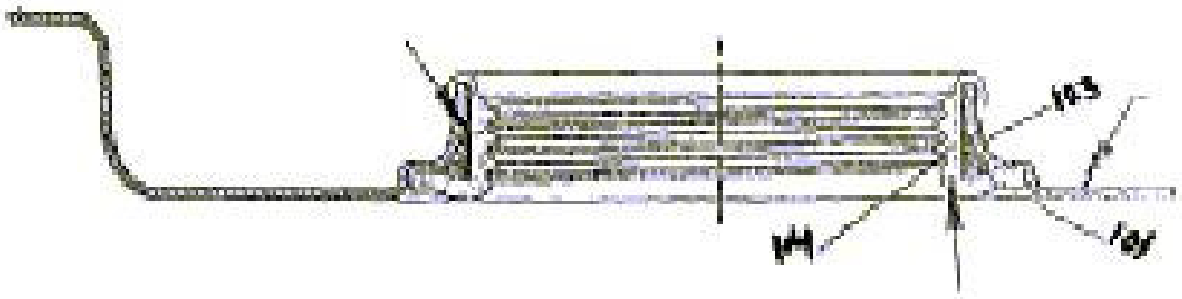
(72)**Name of Inventor :**
1)SUDARSHAN MADHOPRASAD SARAF

(57) Abstract :
A grooved rolled threaded flange of special grooved geometry (101) consisting of a grooved flange outwardly extended within this grooved a gasket (102) is housed of special grooved geometry which is placed between the drum top (103) and the grooved flange the gaps (104) towards the top is filled up by the gasket while tit moves upward thereby sealing the flange with the drum top.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/06/2004

(21) Application No.632/MUM/2004 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : GENES REGULATED BY ULTRAVIOLET RADIATION AND INHIBITION OF THE SAME

(51) International classification :A61K8/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HINDUSTAN LEVER LIMITED
Address of Applicant :Hindustan Lever House, 165/166, Backbay Reclamation, Mumbai-400 020, Maharashtra India
(72)**Name of Inventor :**
1)GOVINDRAJAN Raman
2)BANERJEE Gautam
3)CHAKRABORTTY Amit

(57) Abstract :
The invention relates to a method of detecting carcinogenic potential of any compound or stinuli comprising analysing the expression of EDD gene wherein the keratinocytes is cultured in the presence of the carcinogenic compound/stimuli in a suitable tissue culture medium, the RNA extracted and converted to cDNA and amplified with PCR in which the level of depression of the EDD gene indicates the effectivenes of the said compound in inducing skin cancer. The invention also relates to kits for detecting the carcinogenic potential of any substance/kit. The invention also relates to skin composition for topical application on the skin so as to inhibit the transformation of normal keratinocytes to malignant phenotypes by UV, specially UV radiations, comprising a hormone selected from progesterone analogues therof.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/06/2004

(21) Application No.651/MUM/2004 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : AN IMPROVED MANUFACTURING PROCESS FOR METHYL PHENIDATE AND INTERMEDIATES THEREOF

(51) International classification	:A61K 51/415
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)M/S. IPCA LABORATORIES LIMITED
Address of Applicant :48, Kandivali Industrial Estate, Mumbai Maharashtra India
(72)**Name of Inventor :**
1)Kumar Ashok
2)Singh Dhamendra
3)Patil Swapnali Hemant
4)Mahale Ganesh Devidas
5)Sawant Uttamrao Arjunrao

(57) Abstract :
The present invention disclose selective and complete reduction of pyridine ring in a biary1 systemÂ -substituted or non-substituted benzene ring and relates more specifically, not exclusively, for the manufacture of methylphenidate, which is used for treatment of Attention Deficit Hyperactive Disorder(ADHD) and also acts as central nervous system stimulant, by using palladium/C in a solvent such as C1-C4 alcohols in presence of molar quantities of organic and/or inorganic acids.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/06/2004

(21) Application No.675/MUM/2004 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : A MATHEMATICAL DEVICE

(51) International classification	:GO9 B 1/00	(71)**Name of Applicant :** **1)WADADEKAR VIDYA NARAYAN** Address of Applicant :A/402, Yogesh Society, Pandurang Wadi Road No.3 Goregaon(East), Mumbai-400 063, Maharashtra, india Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72)**Name of Inventor :** **1)WADADEKAR VIDYA NARAYAN**
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
The present invention relates to an apparatus for teaching matematics comprising a frame and means attached thereto for hanging at least two or more set of bead or the like things separately, each set of bead being capable of repositioning.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/06/2004

(21) Application No.700/MUM/2004 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : A TEST RIG FOR DETECTING MISSING COMPONENTS IN ENGINES

(51) International classification	:GO1M 15/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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Address of Applicant :Bombay House, 24 Homi Mody Street, Hutatma Chowk, Mumbai-400 001 Maharashtra India
(72)**Name of Inventor :**
1)PRAMODCHANDRA MAHADEO SHETE
2)SUHAS BALCHANDRA PATWARDHAN

(57) Abstract :
This invention relates to a test rig that incorporates venturi effect to detect missing components in engines. Drop in pressure due to excessÂ flow of air through the venturi indicates absence of components in the engine especially in engine oil lubricator circuit which houses many small components which are essential for its trouble free opration. A pressure sensor and gauge are connected to the sensing side of venturi. Display means are provided to indicate high and low pressure. Based on the values, the engine may be removed for rechecking. This invention also includes a method of testing an engine for detecting missing components therein, using the rig described herein above.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/07/2003

(21) Application No.712/MUMNP/2003 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : PRODUCTION OF 1,2-DICHLOROETHANE

(51) International classification	:C07C 17/156, C07C 19/045
(31) Priority Document No	:101 07 089.6
(32) Priority Date	:13/02/2001
(33) Name of priority country	:Germany
(86) International Application No Filing Date	:PCT/EP02/01503 :13/02/2002
(87) International Publication No	:WO 02/064535 A1
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)VINNOLIT TECHNOLOGIE GMBH & CO. KG
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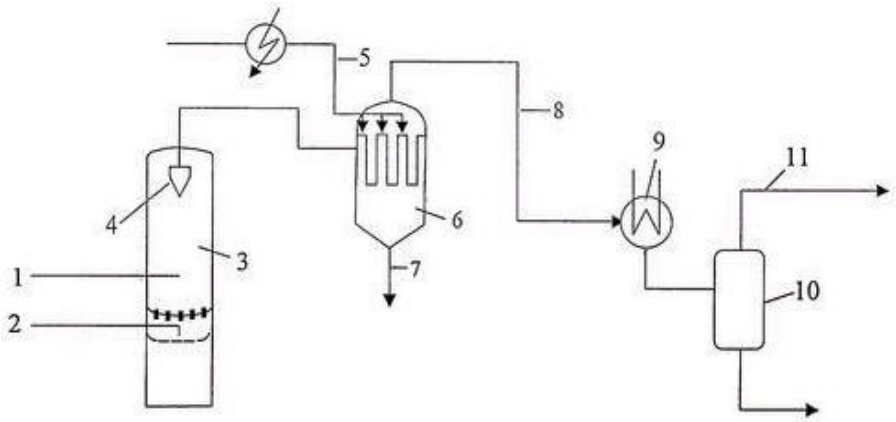
(72)**Name of Inventor :**
1)KAMMERHOFER PETER
2)MIELKE INGOLF
3)ERTL HORST
4)STAIB GUENTER
5)JACULI DIETER

(57) Abstract :
The invention relates to a method and a device for producing 1,2-dichloroethane by reacting ethylene with hydrogen chloride and an oxygen-containing gas in an oxychlorination reactor having a fluidised bed, in order to form a reaction gas. Said reaction gas is filtered outside the oxychlorination reactor by means of at least one filter candle.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/07/2004

(21) Application No.757/MUM/2004 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : REMOTE OPERATED ELECTRIC FAN AND LAMP CONTROLLER

(51) International classification	:HO2P 3/06
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)CROMPTON GREAVES LIMITED
Address of Applicant :CG House, Dr. Annie Besant Road, Prabhadevi, Mumbai-400 025, Maharashtra, India Maharashtra India
(72)**Name of Inventor :**
1)NIRODY JAISHANKAR
2)RAO GURUPRASAD KUPPU

(57) Abstract :
Remote operated electric fan and lamp controller located in a housing and comprising a plurality of first triacs corresponding to the different speed setting of the fan, the first main terminals of the first triacs being connected to an AC power supply, the second main terminal of one of the first triacs corresponding to the full speed setting of the fan being connected to one end of first resettable fuse through a surge resistor, the second main terminals of the remaining first triacs corresponding to the remaining speed setting of the fan each being connected to the said one end of the first resettable fuse through a capacitor and surge resistor combination in series, the capacitance and resistance values of the capacitor and surge resistors differing corresponding to the remaining speed setting of the fan, the other end of the first resettable fuse being connected to the fan, a second triacs whose first main terminals is connected to the AC power supply and second main terminal is connected to the lamp through a second resettable fuse, the gate terminals of the first and second triacs being connected to the outputs of a microcontroller, an infra red sensor unit connected to an input of the microcontroller, a losseless capacitor dropper DC supply connected to the AC power supply and to the microcontroller, a non-volatile memoryconnected to the microconyroller, a operational status indicating display mounted on the housing and connected to yhe microcontroller and a manually operable swiching unit connected to another input of the microcontroller.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2004

(21) Application No.763/MUM/2004 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : PHARMACEUTICAL COMPOSITION CONTAINING ANTI-INFLAMMATORY, ANTIHISTAMINIC AND DECONGESTANT (SUSTAINED RELEASE) FOR TREATING ALLERGIC RHINITIS

(51) International classification	:A61K31/00, A61K31/47
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)LINCOLN PHARMACEUTICALS LIMITED
Address of Applicant :NIRAV COMPLEX, OPPOSITE NAVRANG HIGH SCHOOL, NARANPURA, AHMEDABAD - 380 014. GUJARAT, INDIA. Gujarat India
(72)**Name of Inventor :**
1)RAJANI PATEL
2)SANJAY AGRAWAL
3)VASANT KATHE

(57) Abstract :
The present invention relates to a novel pharmaceutical compostion for the treatment of allergic rhinitis. More particularly, the present invention relates to a novel pharmaceutical composition containing anti-inflammatory, anti-histaminic and decongestant ingredients for sustained release in the treatment of allergic rhinitis. The present invention also relates to a process for the preparation of a pharmaceutical composition for the treatment of allergic rhinitis.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2004

(21) Application No.765/MUM/2004 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : A STABLE PHARMACEUTICAL COMPOSITION

(51) International classification	:A61K31/4545, A61K31/4523, A61K9/20
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)M/S. CIPLA LIMITED
Address of Applicant :289, BELLASIS ROAD, MUMBAI CENTRAL, MUMBAI - 400 008., MAHARASHTRA, INDIA. Maharashtra India
(72)**Name of Inventor :**
1)LULLA AMAR
2)MALHOTRA GEENA

(57) Abstract :
A stable pharmaceutical composition comprises desloratadine or a pharmaceutically acceptable salt, solvate, derivate, polymorph, hydrate or enantiomer thereof, and carrier comprising at least one polyol. Preferred compositions comprise, in addition to desloratadine, from 50 to 80% polyol, from 5 to 15% disintegrating agent, and from 0.01 to 0.5% antioxidant and/or a chelating agent, all by weight of the composition. There is also provided the use of a polyol to stabilise a pharmaceutical composition comprising desloratadine. A process for making a stable pharmaceutical composition comprising desloratadine and one or more polyols, optionally together with other pharmaceutically acceptable excipients comprises blending the ingredients and formulating them so as to form said composition.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/07/2004
(21) Application No.772/MUM/2004 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : AN IMPROVED CONCENTRATOR TYPE SOLAR COOKER, REFLECTOR OF WHICH IS FORMED OF THREE SEGMENTS OF A PARABOLOID DISH TO GIVE INCREASED REFLECTOR AREA AND HIGHER CONCENTRATION OF SOLAR ENERGY ON HOT PLATE TO BAKE ROTI

(51) International classification	:F24J 2/12
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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Address of Applicant :'MOHOR' 64/17, REGE MARG, ERANDAVANE, PUNE - 411 004, MAHARASHTRA, INDIA. Maharashtra India
2)COL. ANAND GOVIND DESHPANDE
3)MRS VAIDEHI ANAND DESHPANDE
(72)**Name of Inventor :**
1)PRIYAL KHANDERAO KULKARNI
2)COL. ANAND GOVIND DESHPANDE
3)VAIDEHI ANAND DESHPANDE

(57) Abstract :
A concentrator type solar cooker developed by one of the inventors of this application was patented in 1980. This cooker had a paraboloidal circular concentrator to focus sun rays on the bottom of a hot plate which a Phulaka could be baked. The reflector was mounted on a trolley for tracking sun. At present, this is the only solar cooker on which baking can be done. In order to bake a thicker ROTI on this cooker, it was necessary to increase reflector area by 50% keeping focal length same. The newly improved concentrator type solar cooker achieves this requirement in the following manner. In the old design, a circular dish of 1200 mm dia was used. For the improved cooker, dish is cast on same mould. But only a central portion segment 900 mm wide is cut. In the second casting this 900 mm wide piece is cut in two segments each 450 mm wide. Thus, three segment of reflector are formed. While forming a large reflector, central segment is kept in its original position. The two smaller segments are vertically displaced and inclined as obtained from computer studies to concentrate solar rays at the same focal point below the hot plate. Thus, with reflector area increased by 50%, a thicker ROTI is baked on hot plate, keeping the trolley design and sun tracking arrangement, substantially the same.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/07/2004

(21) Application No.775/MUM/2004 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : PHARMACEUTICAL COMPOSITION CONTAINING COMBINATION OF PROTON PUMP INHIBITOR WITH MODIFIED RELEASE DOMPERIDONE

(51) International classification	:A61K 31/454, A61K 31/4523
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)MACLEODS PHARMACEUTICALS LIMITED
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(72)**Name of Inventor :**
1) RAJENDRA MURLIDHAR AGARWAL

(57) Abstract :
Pharmaceutical composition comprising a combination of a proton pump inhibitor, preferably rebeprazole sodium with domperidone for the treatment of GERD and other GI disorders are disclosed. Rabeprazole is in enteric coated form, while domperidone is in dual release forms of immediate and pH independent sutained release, to give a 24 hour release profile. The individual compositions are suitably formulated as tablets to achieve desired release profiles, which are then prefilled into hard gelatin capsules using a pharmaceutically acceptable filling aid.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/07/2004
(21) Application No.781/MUM/2004 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : A PROCESS FOR MAKING DECORATIVE LABELS OR LAMINATES OR OTHER LIKE PACKAGING FILMS

(51) International classification :B32B5/28, B32B29/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number:NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)THE PAPER PRODUCTS LTD
Address of Applicant :L. B. SHASTRI MARG, MAJIWADE, THANE - 400 601, MAHARASHTRA, INDIA. Maharashtra India
(72)**Name of Inventor :**
1)GADRE ANANT MADHAV

(57) Abstract :
A process for making decorative labels/laminates, comprising the following steps: a. printing a film, typically a sheet of PET, and drying the said printed film, b. embossing one side of the printed film with a lacquer where holographic printing is required and drying the lacquer embossed film followed by holographic printing, the holographic material being adhered to the areas of the film applied with lacquer; c. metallising the printed and embossed film; d. laminating the metallized printed and embossed film by using adhesive and poly substrate followed by drying.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/07/2004

(21) Application No.785/MUM/2004 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : AUTOMOBILE BACKWARD MOTION LOCKING SYSTEM

(51) International classification	:B62D25/08, B60D77/06
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MANOJ SHANKAR PAWAR

(57) Abstract :
A unique automatic locking system in an automobile to work at times when the automobile is plying on a steep road and is moving backward, except when reverse gear is applied. It curtails the backward motion of an automobile when the same is not required and will not operate when the reverse gear is applied. This locking system for backward movement of an automobile can be performed in various ways i.e. hydraulically, pneumatically; electronically etc.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2006
(21) Application No.803/MUMNP/2006 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : AN EFFICIENT INDUSTRIAL PROCESS FOR 3-HYDROXY-3-(3' SULFAMYL-4'-CHLOROPHENYL)PHTALIMIDINE

(51) International classification :C07D209/44
(31) Priority Document No :7/MUM/2004
(32) Priority Date :02/01/2004
(33) Name of priority country :India
(86) International Application No :PCT/IN04/00370
Filing Date :30/11/2004
(87) International Publication No :WO 2005/065046
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)Kumar,Ashok
2)Singh,Dharmendra
3)Jadhav,Atul
4)Pandya,Darpan Navinchandra

(57) Abstract :
The oximination/cyclization of 2-(4-chlorobenzoyl)benzoic acid with hydroxylamine hydrochloride in presence of molar quantites of inorganic base in water or in alcoholic solvents to form 4-(4'-chlorophenly)-5,6-benz-oxazine-1-one (formula 8) in high yield and purity; reduction of latter with zine metal and acetic acid to the correspomding phtalimidine of formula (9): followed by raction with chlorosulphonic acid and thionyl chloride in the absence of solvent. amidation of comound of formula 10 was carried out with ammoin gas/solution in non-aqueous solvent like ketones and polar aprotic so9lvents like dimethylformamide, to yield compound of formula (11) with hydrogen peroxiden in peroxide in peroxide in presence of alkali results in high yield of chlorthalidone.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/07/2004

(21) Application No.810/MUM/2004 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : LUBRICITY IMPROVING ADDITIVE COMPOSITION FOR LOW SULFUR DIESEL DIESEL FUEL

(51) International classification	:C1OL 1/08, C10L 1/14	(71)**Name of Applicant :** **1)INDIAN OIL CORPORATION LIMITED** Address of Applicant :G-9, Ali Yavar Jung Marg, Bandra (East), Mumbai-400 051 Maharashtra India
(31) Priority Document No	:NA	(72)**Name of Inventor :**
(32) Priority Date	:NA	**1)ARORA AJAY KUMAR**
(33) Name of priority country	:NA	**2)PRAKASH SHANTI**
(86) International Application No	:NA	**3)RANAN RAJIV**
Filing Date	:NA	**4)SWAMI KRISHAN KUMAR**
(87) International Publication No	: NA	**5)KUMAR AJAY**
(61) Patent of Addition to Application Number	:NA	**6)SARIN RAKESH**
Filing Date	:NA	**7)TULI DEEPAK KUMAR**
(62) Divisional to to Application Number	:NA	**8)VERMA RAM PRAKASH**
Filing Date	:NA	**9)RAJE NIRANJAN RAGHUNATH**

(57) Abstract :
The present invention relates to a composition for use as lubricity improver for low sulphur diesel, comprising (a)0.1-10% by weight of ester derivative derived from cashew nut shell liquid (CNSL esters), (b)0.1-10% by weight of eater derivative derived from cashew nut shell liquid, (c)50-95% by weight of free fatty acide of the formula RCOOH in which R represent an alky/alkeny1 group with 12 to 24 carbon atoms. (d)1-305by weight of syntharic esters derived by esterifying tri, tetra, penta hydric alcohols with carboxylic acide such as lauric, palmitic, linoleic, ricinoleic etc.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/08/2004
(21) Application No.824/MUM/2004 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : METHOD OF TREATMENT WITH THE HELP OF SURGERY & HOMOEOPATHIC MEDICINES TO IMPROVE THE BLOOD SUPPLY TO THE GANGRENOUS PART OR TISSUE AND TREATMENT OF GANGRENE IN ANY PART OF BODY

(51) International classification	:A61K 3/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)DR. PRABHAKAR GIRIYA SHETTY
Address of Applicant :301/B RNA HILLS, MALOA DONGRI NO.- 3, OPP. SATYADARSHAN SOCIETY, ANDHERI (E), MUMBAI - 400 093. Maharashtra India
(72)**Name of Inventor :**
1)DR. PRABHAKAR GIRIYA SHETTY

(57) Abstract :
Exclusively Diabetic Foot & Gangrene is treatable at any stage. Here the explanation is that Diabetic Foot and Gangrene should not be associated with any other systemetic diorder like Renal failure, Cardiac involvements, Jaundice etc.. Here possibility of cure is minimized. At the initial stage Diabetic Foot and Gangrene without systemic involvements is 99.9% curable. The approach to the cure is done with a SYNTHETIC (Combined) method which includes Diabetology, Surgery and Homoeopathic oral & topical medicines prepared and executed (employed) as per my method and proprietary specification.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/08/2004
(21) Application No.830/MUM/2004 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : IMPROVED DETERGENT COMPOSITION WITH BENIFIT AGENTS

(51) International classification	:A61K7/00, A61K8/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)HINDUSTAN LEVER LIMITED
Address of Applicant :Hidustan Lever House, 165/166, Backbay Reclamation, Mumbai-400 020, Maharashtra, India Maharashtra India
(72)**Name of Inventor :**
1)SIVAKUMAR Ananthasubramanian
2)SHAH Pankaj Chandrakant
3)KRISHNAN Venkateswaran
4)DABHOLKAR Nandini Sachin

(57) Abstract :
The present invention provides for a rines-off liquid/gel cleansing composition comprisiing a continuous phase of one or more detergent active and a dispersed comprising one or more hydrophoic material, wherein at least one detergent active sensitive/high pH sensitive water-soluble/dispersible benefit agent is dispersed in the said hydrophobic phase such as to maintain the same storge stable and of desired benefit action during use. The dispersed phase perferably comprises a water-in-oil emulsion system as a storage stable carrier of detergent active sensitive/high pH sensitive benefit agents comprising an aqueous phase including at least one water soluble and/or dispersible benefit agent; a hydrophobic protective carrier for said aqueous phase containing the benefit agent; and an emulsifier/dispersant.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/08/2004

(21) Application No.847/MUM/2004 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : SHOE SOLE AND METHOD FOR MAKING THE SAME

(51) International classification	:A43B13/18, A43B13/20
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)DONG- LONG LIU
Address of Applicant :No.21-2, Zhonghe Rd; Gangxi Village, Xinyuan Shiang, Pingtung County 932, Taiwan, R.O.C Taiwan
(72)**Name of Inventor :**
1)DONG- LONG LIU

(57) Abstract :
A shoe sole is composed of particles of Ethylene Vinyl Acetate and the particles are connected with each other with gaps defined between the particles so as to form irregular surface of the shoe sole. The sole is made by filling the particles to 77% to 87% of volume of a cavity in a old set, wherein an angle 40 to 50 degrees is clamped between a spinning axis of the cavity and an axis to which the mold set is rotated about. The mold set is then heated to 140 to 160 degrees Celsius and spins the mold set about the spinning axis 22 to 32 minutes. After cooling the molding set, the shoe sole is formed and is removed from the cavity.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/08/2004

(21) Application No.875/MUM/2004 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : EFFERVESCENT ACECLOFENAC FORMULATIONS AND METHOD OF PREPARATION THEREOF

(51) International classification	:A61K 9/46, C07C 229/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MANDAL JAYANTA KUMAR
2)SHAH BHAVESH NALINKUMAR
3)MAHESHWARI KIRTI BANSIDHAR
4)CHAUHAN VIJAYSINH VANVIRSINH

(57) Abstract :
The present invention relates to aceclofenac effervescent formulation in tablet, granule, powder form and method of preparation thereof. Formulation comprises 14.28% w/w aceclofenac; anhydrous citric acid 1.4-10% w/w, sodium glycine carbonate 14-80% w/w, polyvinylpyrrolidone 0.5-5% w/w, isopropyl alcohol 0.5-3% w/w, pharmatose 10-50% w/w, aspartame 1-3% w/w, sodium saccharine 1-3% w/w, and orange flavouring agent 0.5-2% w/w, mannitol 10-50% w/w as sweetner & diluent. Aceclofenac and other pharmaceutical excipients are passed through 30# mesh sieve and mixing in twin blender or double cone blender under controlled humidity to prepare effervescent aceclofenac powder. Powder is blended with polyvinylpyrrolidone in isopropyl alcohol solution and passed through wet granulaton, wet granules are dried at 50ÂºC - 60ÂºC till 1-2% moisture remains. Lubricants sodium benzoate 2-5% w/w & polyethylene glycol 0.5-5% w/w are admixed with effervescent granules for 3-5 minutes and finally compressing the granules into tablet form under controlled humidity below 25% R.H.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/08/2004

(21) Application No.876/MUM/2004 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF THE INSECTICIDE IMIDACLOPRID

(51) International classification	:C07D 401/00	(71)**Name of Applicant :** **1)EXCEL CROP CARE LIMITED** Address of Applicant :184-87, SWAMI VIVEKANAND ROAD, JOGESHWARI, MUMBAI - 400 102 Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72)**Name of Inventor :**
Filing Date	:NA	**1)SHROFF DIPESH KANTISEN**
(87) International Publication No	: NA	**2)JAIN ASHOK KUNDANMAL**
(61) Patent of Addition to Application Number	:NA	**3)CHAUDHARI RAJENDRA PRALHAD**
Filing Date	:NA	**4)JADEJA RAGHUVIRSINH BHARATSINH**
(62) Divisional to to Application Number	:NA	**5)GOHIL MAHENDRASINGH SABALSINH**
Filing Date	:NA	

(57) Abstract :
A process for the preparation of the insecticide imidacloprid. The reaction of 2-nitroimidazolidine with 2-chloro-5-chloromethyl pyridine is carried out in the molar ration 1 : 1 to 1 : 1.2 in the presence of an alkali metal hydroxide in a high boiling aprotic solvent at 45 to 60Â°C under stirring.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/08/2004

(21) Application No.879/MUM/2004 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : TOPICAL FORMULATIONS

(51) International classification	:A61K 31/522, A61K 31/365	(71)**Name of Applicant :** **1)M/S. LYKA LABORATORIES LIMITED** Address of Applicant :77, NEHRU ROAD, VILE-PARLE (EAST), MUMBAI - 400 099, Maharashtra India
(31) Priority Document No	:NA	(72)**Name of Inventor :**
(32) Priority Date	:NA	**1)SAMANT RAJAN SHANTARAM**
(33) Name of priority country	:NA	**2)SHAH MAHENDRA CHIMANLAL**
(86) International Application No	:NA	**3)SHAH HARAKHCHAND KESHAVJI**
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
Topical formulation comprising COX-II inhibitor either alone or in combination with an analgesic drug and pharmaceutically acceptable excipients in the form of transparent or opaque gel formulations for the treatment of painful inflammatory joint diseases like osteo arthritis (OA), rheumatoid arthritis, peri-arthritis, tennis elbow and frozen shoulder is disclosed herein.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/08/2004

(21) Application No.884/MUM/2004 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : SAFER CAR

(51) International classification :B60R27/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :6, Nemnath Society, N.N.Road, Paldi, Ahmedabad-380 007. Gujrat, Indian Gujarat India
(72)**Name of Inventor :**
1)SHAH ASHOKKUMAR DAHYABHAI

(57) Abstract :
SAFER CAR is invented to provide maximum safety to the car user and reduce riders injuries in invent of the motor vehicle collision. SAFER CAR it consists of front bumper(1), strong passenger cabin(3), airbag(37), head belt(44)and seatbelt(50). Front bumper(1) is provied with strong spring (12)and hydraulic shock absorbers(16 & 17), which reduces the shock of the impact of frontal crash. The strongbox passenger cabin (3) is provided impact beam, which provided protection to the passengers or cargo from all the direction. The use of safer Co2 gas and perforated airbags (37) enhance the safety of the [passengers. The headband (44) and seatbelt(50) is provides with better protection during the car drive. In the event of a frontal crash, all the brakes are released by the middle rod(9)and the pair of the strong spring(12) pushes the car back.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/08/2004
(21) Application No.889/MUM/2004 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : A MULTIPLE RELEASE ANTIDIABETIC PHARMACEUTICAL TABLET COMPOSITION

(51) International classification :A61K 9/22, C07D 207/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)M/S. IPCA LABORATORIES LIMITED
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(72)**Name of Inventor :**
1)THEMBALATH RAMACHANDRAN
2)BANSAL YATISH KUMAR
3)TAWADE VAISHALI MANISH
4)TIWARI VINOD KUMAR
5)JADHAV VIVEK

(57) Abstract :
The present invention relates to a multiple release antidiabetic pharmaceutical composition comprising at least two active ingredients, wherein one of the active ingredients is homogenously dispersed throughout a rate controlling polymer matrix and the release of the drug is controlled by diffusion through the matrix.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/08/2004

(21) Application No.890/MUM/2004 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : A CONTROLLED RELEASE ANTIDIABETIC FORMULATION

(51) International classification	:A61K 9/20, A61K 9/22, A61K 31/426
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)THEMBALATH RAMACHANDRAN
2)BANSAL YATISH KUMAR
3)TAWADE VAISHALI MANISH
4)JADHAV VIVEK

(57) Abstract :
The present invention relates to a noval drug release system for sulfonylureas wherein the active ingredient is homogeneously dispersed throughout a rate controlling polymer mixture matrix and the rate of the drug is thus controlled by its diffusion through the polymer matrix. The present invention also relates to controlled release formulation for sulfonylureas and more particularly Gliclazide, which replaces the use of glucose syrup (maltodextrin) by a more pharmaceutically acceptable binding agent such as Polyvinylpyrrolidone. The use of two different grades of Hydropropylmethyl Cellulose i. e. 4000 cps and 15,000 cps gives the desired extended release irrespective of pH of the dissolution medium.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/09/2004
(21) Application No.984/MUM/2004 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : SYSTEM AND METHOD FOR GROUP MESSAGING AND DATA SHARING USING MOBILE PHONE

(51) International classification :H04L12/56, H04B7/26, H04M11/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SUMEET BOOB
Address of Applicant :"SUPRIYA", AVIS ENCLAVE, D'SOUZA COLONY, COLLEGE ROAD, NASIK-422 005 Maharashtra India
2)AMIT BOOB
3)ATIRAKSHIT BHATT
4)VISHANT SARODIA
(72)**Name of Inventor :**
1)SUMEET BOOB
2)AMIT BOOB
3)ATIRAKSHIT BHATT
4)VISHANT SARODIA

(57) Abstract :
A process and products based on data sharing through messaging service bwteen two or more computers including mobile equipment users comprising a central location capable of managing and responding to the commands, making a group of more than one computer as a member or members of the group, the said computer or computers, at their option of time, contributing to, retrieving and sharing the data from a place of storage of the dat at a central location. The process and products make it possible for a data sharing between the user even when the user are not simulaneously within the mobile network or do not simultaneously operate their handset.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/05/2000

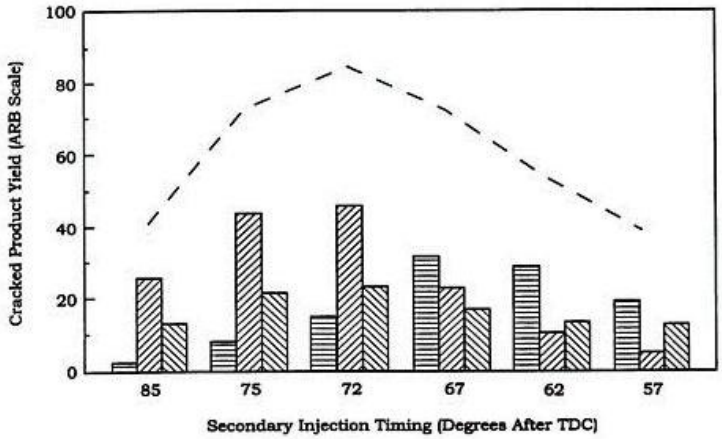
(21) Application No.IN/PCT/2000/00047/MUM A
(43) Publication Date : 26/01/2007

(54) Title of the invention : NOx REDUCTION GENERATION IN A COMPRESSION-IGNITION ENGINE BY HYDROCARBON INJECTION DURING THE EXPANSION STROKE

(51) International classification	:F02D41/40, F02M45/02
(31) Priority Document No	:08/988,417
(32) Priority Date	:10/12/1997
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US98/26089
Filing Date	:09/12/1998
(87) International Publication No	:WO 99/30024 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)EXXON RESEARCH AND ENGINEERING COMPANY
Address of Applicant :180 PARK AVENUE, P O BOX 390, FLORHAM PARK, NEW JERSEY 07932-0390, U.S.A.
(72)**Name of Inventor :**
1)WALTER WEISSMAN
2)FRANK HERSHKOWITZ
3)ANTHONY MARION DEAN
4)HARRY STUARD PINK

(57) Abstract :
The invention relates to a method for producing NOx reductants by injecting hydrocarbon into a diesel engine's combustion chamber during the expansion cycle. The secondary injected hydrocarbon is formed, under appropriate conditions, into oxygenates and olefins that are suitable for reducing NOx species in the presence of conventional exhaust catalysts. The appropriate injection timing is obtained by referring to a calibration obtained by direct engine measurements.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/06/2000
(21) Application No.IN/PCT/2000/00086/MUM A
(43) Publication Date : 26/01/2007

(54) Title of the invention : POLYCARBONATE ABS MOULDING COMPOUNDS

(51) International classification	:C08K 5/521, C08L 69/00
(31) Priority Document No	:198 01 050.8
(32) Priority Date	:14/01/1998
(33) Name of priority country	:Germany
(86) International Application No Filing Date	:PCT/EP99/00025 :05/01/1999
(87) International Publication No	:WO 99/36468 A1
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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Address of Applicant :D-51368 LEVERKUSEN Germany
(72)**Name of Inventor :**
1)THOMAS ECKEL
2)MICHAEL ZOBEL
3)DIETER WITTMANN

(57) Abstract :
The invention relates to polycarbonate ABS moulding compounds containing phosphorus compounds. The inventive moulding compounds have excellent mechanical properties, especially excellent notch impact resistance, stress cracking behaviour and thermostability.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/06/2000

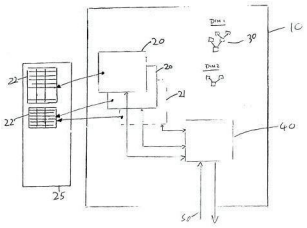
(21) Application No.IN/PCT/2000/00140/MUM A
(43) Publication Date : 26/01/2007

(54) Title of the invention : METHOD AND APPARATUS FOR POPULATING SPARSE MATRIX ENTRIES FROM CORRESPONDING DATA

(51) International classification	:GO6F 17/30
(31) Priority Document No	:09/185,366
(32) Priority Date	:03/11/1998
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US99/25938
Filing Date	:03/11/1999
(87) International Publication No	:WO 00/26821A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)PLATINUM TECHNOLOGY, INC
Address of Applicant :ONE COMPUTER ASSOCIATES PLAZA, ISLANDIA, NEW YORK 11749, U.S.A.
(72)**Name of Inventor :**
1)JAMES P. ROGERS

(57) Abstract :
A system is provided for selecting an appropriate an appropriate aggregated fact data table (20) to use as the basis for calculating an aggregation reguest form a set of stored aggregated fact data table (22). an established of the amount of processing time reguired to aggregate each of the table. the lowest estimated is then used to perform the aggregation.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/08/2000

(21) Application No.IN/PCT/2000/00285/MUM A
(43) Publication Date : 26/01/2007

(54) Title of the invention : A METHOD AND APPARATUS FOR DETERMINING THE POSITION OF AN ELONGATED OBJECT RELATIVE THE SURFACE OF AN OBSTRUCTING BODY BY MEANS OF ELECTROMAGNETIC RADIATION

(51) International classification	:B23K26/02, G01B15/00, G01N23/20
(31) Priority Document No	:9900109-1
(32) Priority Date	:15/01/1999
(33) Name of priority country	:Sweden
(86) International Application No Filing Date	:PCT/SE00/00032 :12/01/2000
(87) International Publication No	:WO 00/41838 A1
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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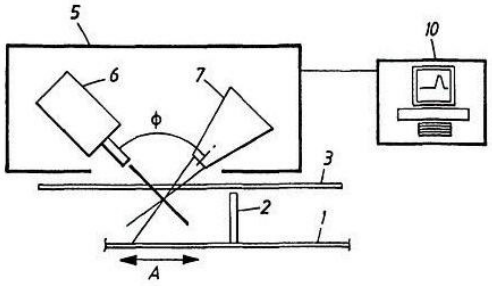
2)FORCE INSTITUTTET
(72)**Name of Inventor :**
1)NIKOLAJ BRUUN HOJLANDSVANGEN
2)JAN LUNDGEN DAMMENVAGEN
3)STEEN TELLER TOGLVARKSVEJ
4)THOMAS JENSEN AABOE

(57) Abstract :
The invention refers to a method for determining the position of an elongated narrow object relative the surface of an obstructing disk-like body in front of said object and oriented at an angle thereto, by means of electromagnetic ionizing radiation, for guidance of the movement of an associated laser welding equipment. For providing the carrying out of this method with high speed and greatest precision when manufacturing sandwich elements with conical or double-curved surface it is suggested according to the invention that from the side of the body remote from the object is directed, under approximate movement in the longitudinal direction of the object one precisely collimated radiation beam obliquely to the object under simultaneous scanning motion at right angles thereto, that the radiation back-scattered from the object is collected at the same side of the body and is brought to form a signal which is compared with memory-stored predetermined preference signals for the desired correct position of the object relative the body. The invention also suggests a device for carrying out this method.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/10/2000

(21) Application No.IN/PCT/2000/00526/MUM A
(43) Publication Date : 26/01/2007

(54) Title of the invention : PROCESS FOR SELECTIVELY PRODUCING C3 OLEFINS IN A FLUID CATALYTIC CRACKING PROCESS

(51) International classification	:C10G11/02, C07C4/02
(31) Priority Document No	:09/073,083
(32) Priority Date	:05/05/1998
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US99/09111 :27/04/1999
(87) International Publication No	:WO 00/57225 A1
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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Address of Applicant :A CORPRATION OF DELAWARE, OF 1545 ROUTE 22 EAST, P.O.BOX 900, ANNANDALE, NEW JERSEY 08801-0900 U.S.A.
(72)**Name of Inventor :**
1)PAUL KEVIN LADWIG
2)JOHN ERNEST ASPLIN
3)GORDON FREDERICK STUNTZ
4)TAN-JEN CHEN

(57) Abstract :
A process for selectively producing olefins containing 3 carbons from a catalytically cracked or thermally cracked naphtha stream. The process involves reacting the cracked naphtha in the presence of a catalyst containing from about 10 to 50 wt.% of a crystalline zeolite having an average pore diameter less than about 0.7 nanometers, stripping the catalyst, regenerating the catalyst and fractionating the reaction products. Process conditions include temperatures ranging from about 500-650 degrees celsius and a hydrocarbon partial pressure from about 10 to 40 psia.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/10/2000

(21) Application No.IN/PCT/2000/00559/MUM A
(43) Publication Date : 26/01/2007

(54) Title of the invention : SUBSTITUTED BETA-AMINO ACID INHIBITORS OF METHIONINE AMINOPEPTIDASE-2

(51) International classification	:C07C323/60, A61K31/16, C07D295/185
(31) Priority Document No	:09/071,714
(32) Priority Date	:01/05/1998
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US99/09641 :30/04/1999
(87) International Publication No	:WO 99/57098
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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2)JACK HENKIN
3)MEGUMI KAWAI
4)LINDA LYNCH LIJEWSKI
5)JYOTI PATEL
6)GEORGE S SHEPPARD
7)JIEYI WANG

(57) Abstract :
A class of substituted β-amino acids are potent inhibitors of methionine aminopeptidase type 2 (MetAP2) and are thus useful in inhibiting angiogenesis and disease conditions which depend upon angiogenesis for their development such as diabetic retinopathy, tumor growth, and conditions of inflammation. Pharmaceutical compounds containing the compounds and methods of inhibiting methionine aminopeptidase-2, and angiogenesis are also disclosed.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/11/2000

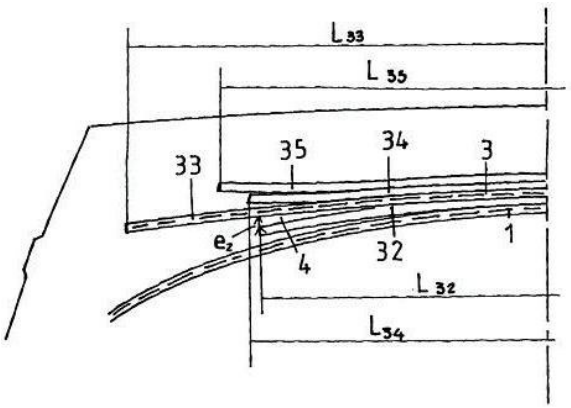
(21) Application No.IN/PCT/2000/00579/MUM A
(43) Publication Date : 26/01/2007

(54) Title of the invention : TYRE BREAKER PLY REINFORCEMENT

(51) International classification	:B60C9/20, B60C9/28
(31) Priority Document No	:98/06000
(32) Priority Date	:11/05/1998
(33) Name of priority country	:France
(86) International Application No Filing Date	:PCT/EP99/02741 :23/04/1999
(87) International Publication No	:WO 99/58350
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)COMPAGNIE GENERALE DES ESTABLISSEMENTS MICHELIN-MICHELIN & CIE
Address of Applicant :12, COURS SABLON, F-63040, CLERMOND-FERRAND, CEDEX 09 France
(72)**Name of Inventor :**
1)GUY CLUZEL

(57) Abstract :
The invention concerns a tyre with radial casing (1), a breaker ply reinforcement (3) comprising at least two working breaker plies (32, 34) made of inextensible elements crisscrossed from one ply to the other, while forming with the circumferential direction angles ranging between 10Â° and 45Â°, and an axially continuous additional ply (33) made of inextensible and substantially radial continuous metal steel reinforcing elements, said ply being radially placed between the working plies (32, 34), and having an axial width L33 not less than 1.1 times the axial width L32, L34 of the wider working breaker ply (32, 34).



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/11/2000

(21) Application No.IN/PCT/2000/00657/MUM A
(43) Publication Date : 26/01/2007

(54) Title of the invention : BIPHENYL SULFONAMIDES AS DUAL ANGIOTENSIN ENDOTHELIN RECEPTOR ANTAGONISTS

(51) International classification	:A61K31/505, C07C143/00, C07D211/72
(31) Priority Document No	:60/091,847
(32) Priority Date	:06/07/1998
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US99/15063 :01/07/1999
(87) International Publication No	:WO 00/01389 A1
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)BRISTOL-MYERS SQUIBB COMPANY
Address of Applicant :P. O. BOX. 4000, PRINCETON, NEW JERSEY 08543-4000, U.S.A.
(72)**Name of Inventor :**
1)NATESAN MURUGESAN
2)JOHN E MACOR
3)JOHN E TELLEW
4)ZHENGXAING GU

(57) Abstract :
Novel biphenyl sulfonamide compounds which are combined angiotensin and endothelin receptor antagonists are claimed along with methods of using such compounds in the treatment of conditions such as hypertension and other diseases, as well as pharmaceutical compositions containing such compounds.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/11/2000

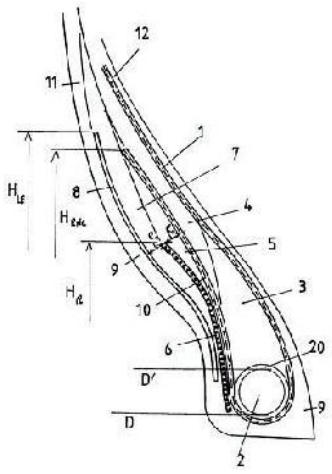
(21) Application No.IN/PCT/2000/00673/MUM A
(43) Publication Date : 26/01/2007

(54) Title of the invention : RADIAL TYRE REINFORCED TYRE BEAD

(51) International classification :B60C15/06
(31) Priority Document No :98/07146
(32) Priority Date :05/06/1998
(33) Name of priority country :France
(86) International Application No :PCT/EP99/03606
Filing Date :25/05/1999
(87) International Publication No :WO 99/64259 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)COMPAGNIE GENERALE DES ESTABLISSEMENTS MICHELIN-MICHELIN & CIE
Address of Applicant :12, COURS SABLON, F-63040 CLERMONT-FERRAND, CEDEX 09, France
(72)**Name of Inventor :**
1)PATRICK CORSI

(57) Abstract :
The invention concerns a tyre, for heavy loads and having tyre beads (B) designed to be mounted on flat rim seats or with an inclination of 5Â°, comprising at least one radial body ply formed with inextensible reinforcing elements and anchored in each tyre bead (B) to a bead core (2) to form a ply turn-up (10) whereof the end is located at a radial distance HÂ¿RNC? from the tyre bead base. Each tyre bead (B) is reinforced by at least two additional reinforcing armouring, at least one first armouring formed by at least one ply (8) of radial textile reinforcing elements, located axially outside a second armouring (6) formed by at least a ply (6) of inextensible elements forming with the circumferential direction an angle $g(a) such that 0Â° $m(F) $g(a) $m(F) 45Â°.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/01/2001

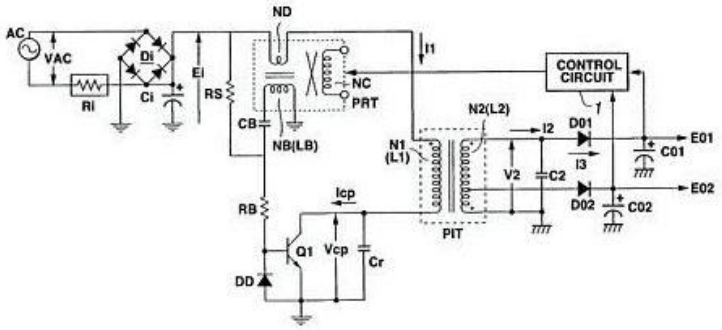
(21) Application No.IN/PCT/2001/00007/MUM A
(43) Publication Date : 26/01/2007

(54) Title of the invention : SWITCHING POWER SUPPLY CIRCUIT

(51) International classification	:H02M 3/338, H02M 7/217
(31) Priority Document No	:JP 11-129725
(32) Priority Date	:11/05/1999
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP00/02994
Filing Date	:10/05/2000
(87) International Publication No	:WO 00/69059
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SONY CORPORATION
Address of Applicant :7-35 KITASHINAGAWA 6-CHOME, SHINAGAWA-KU, TOKYO 141-0001, JAPAN Japan
(72)**Name of Inventor :**
1)MASAYUKI YASUMURA

(57) Abstract :
A switching power supply circuit of the resonance type which can handle high loadpower and has high power conversion efficiency, small size and light weight is provided. The switching power supply circuit may be formed as a composite resonance converter wherein a voltage resonance converter is provided on a primary side and a parallel resonance circuit is provided on a secondary side. The switching power supply circuit may include an insulating converter transformer having a pair of E-shaped cores each with outer and center legs in which a gap is formed between the middle legs thereof so that a loose coupling condition having a coupling coefficient higher than a predetermined level may be obtained. A half-wave rectifier circuit of an additive mode may be provided on the secondary side. A switching frequency of a switching element for switching a dc input voltage to the insulating converter transformer on and off may be varied to effect constant voltage control.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/01/2001

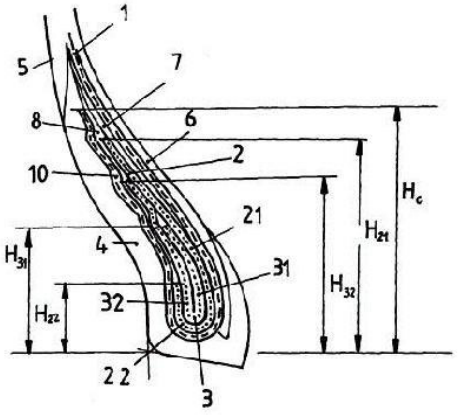
(21) Application No.IN/PCT/2001/00078/MUM A
(43) Publication Date : 26/01/2007

(54) Title of the invention : RADIAL TYRE BEAD WITHOUT BEAD CORE

(51) International classification	:B60C 15/00, B60C 15/06
(31) Priority Document No	:98/09452
(32) Priority Date	:23/07/1998
(33) Name of priority country	:France
(86) International Application No Filing Date	:PCT/EP99/04462 :28/06/1999
(87) International Publication No	:WO 00/05084 A1
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)SOCIETE DE TECHNOLOGIE MICHELIN
Address of Applicant :23, RUE BRESCHET, FR-63000 CLERMONT-FERRAND, France
2)MICHELIN RECHERCHE ET TECHNIQUE S.A.
(72)**Name of Inventor :**
1)MICHEL AHOUANTO
2)LUC BESTGEN
3)FORREST PATTERSON

(57) Abstract :
The invention concerns a radial body armour (1) with two beads B, said body armour (1) extending from one bead B to the next, each bead being devoid of anchoring bead core and reinforced by an armour R comprising at least two plies (2 and 3) folded back on themselves to form four reinforcing layers (21, 31, 32, 22) axially close to one another, the two axially innermost layers (21, 31) consisting of mutually parallel elements from one layer (21) to the next (31), and the two layers axially at the armour centre consist of elements crossed from one layer (31) to the next (32), said elements forming with the circumferential direction an angle α such that 0Â°< α ≤ 10Â°, and the reinforcing layers (21, 22, 31, 32) having their radially outer ends arranged in the bead B at different heights H21, H22, H31,H32 such that every annular strip of the reinforcing armour R of the bead B, comprising at least two layers of reinforcing elements and included between the two tyre parallels, is formed by at least two layers of reinforcing elements crossed from one layer to the next.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/02/2001

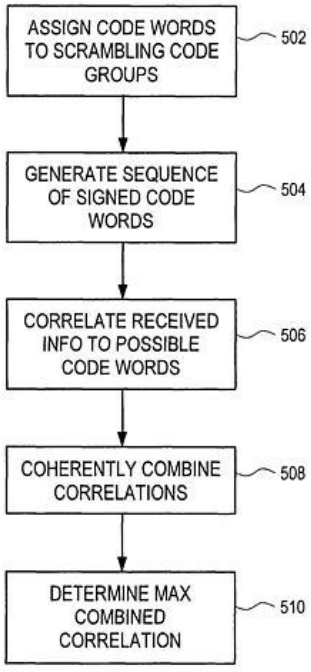
(21) Application No.IN/PCT/2001/00150/MUM A
(43) Publication Date : 26/01/2007

(54) Title of the invention : COMMUNICATION METHOD AND APPARATUS BASED ON OTHOGONAL HADAMARD-BASED SEQUENCES HAVING SELECTED CORRELATION PROPERTIES

(51) International classification :H04J11/00
(31) Priority Document No :09/135,247
(32) Priority Date :17/08/1998
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/SE99/01331
Filing Date :30/07/1999
(87) International Publication No :WO 00/10277
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TELEFONAKTIEBOLAGET LM ERICSSON [PUBL]
Address of Applicant :S-126 25 STOCKHOLM, Sweden
(72)**Name of Inventor :**
1)JOHAN NYSTROM
2)BRANISLAV POPOVI'C

(57) Abstract :
Methods and apparatus for synchronization of a transmitter and a receiver are based on orthogonal sequences having optimized correlation properties. The transmitter may generate signed versions of S-Hadamard sequences that are obtained by position-wise scrambling a set of Walsh-Hadamard sequences with a special sequence having complex elements of constant magnitude. The receiver estimates a time location and sequence identity of a received version of the synchronization signal.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/02/2001
(21) Application No.IN/PCT/2001/00200/MUM A
(43) Publication Date : 26/01/2007

(54) Title of the invention : METHODS AND SYSTEMS FOR PREDICTING PROTEIN FUNCTION

(51) International classification :C12Q1/00, C12N9/00, G01N31/00, A61K38/00
(31) Priority Document No :60/099,300
(32) Priority Date :25/08/1998
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US99/11913
Filing Date :27/05/1999
(87) International Publication No :WO 00/11206 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)THE SCRIPPS RESEARCH INSTITUTE
Address of Applicant :10550 NORTH TORREY PINES ROAD, LA JOLLA, CALIFORNIA 92037, U.S.A.
(72)**Name of Inventor :**
1)JEFFREY SKOLNICK
2)JACQUELYN S FETROW

(57) Abstract :
The present invention concerns methods and systems for predicting the biological function(s) of proteins. The invention is based on the development of functional site descriptors for discrete protein biological functions. Functional site descriptors are geometric representations of protein functional sites in three-dimensional space, and can also include additional parameters, for example, conformational information. Following their development, one or more functional site descriptors (for one or more different biological funtions) are used to probe protein structures to determine if such structures contain the functional sites described by the corresponding functional site descriptors. If so, the protein(s) containing the functional site(s) are predicted to have the corresponding biological function(s). In preferred embodiments, a library of functional site descriptors is used to probe inexact protein structures derived by computational methods from amino acid sequence information to predict the biological function(s) of such sequences and of the gene(s) encoding the same.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/02/2001

(21) Application No.IN/PCT/2001/00207/MUM A
(43) Publication Date : 26/01/2007

(54) Title of the invention : PROCESS FOR THE PRODUCTION OF ACETIC ACID

(51) International classification	:C07C 51/215, C07C 51/25, C07C 53/08
(31) Priority Document No	:9819221.4
(32) Priority Date	:04/09/1998
(33) Name of priority country	:U.K.
(86) International Application No Filing Date	:PCT/GB99/02874 :01/09/1999
(87) International Publication No	:WO 00/14047 A1
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)BP CHEMICALS LIMITED
Address of Applicant :BRITANNIC HOUSE, 1 FINSBURY CIRCUS, LONDON EC2M 7BA, U.K.
(72)**Name of Inventor :**
1)JOHN COOK
2)BRIAN ELLIS
3)PHILIP HOWARD
4)MICHAEL DAVID JONES
5)SIMON JAMES KITCHEN

(57) Abstract :
A process for the production of acetic acid, which process comprises contacting ethane and/or ethylene with a molecular oxygen-containing gas in a fluid bed reactor in the presence of a microspheroidal fluidised particulate solid oxidation catalyst, wherein at least 90 % of said catalyst particles are less than 300 microns.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/02/2001

(21) Application No.IN/PCT/2001/00220/MUM A
(43) Publication Date : 26/01/2007

(54) Title of the invention : ANTIMICROBIAL MULTI-LAYER ISLAND DRESSING

(51) International classification	:A01N 25/34, A61F 13/00, A61L 15/16
(31) Priority Document No	:09/137,040
(32) Priority Date	:20/08/1998
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US99/17533 :03/08/1999
(87) International Publication No	:WO 00/10387 A1
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)MEDWRAP CORPORATION
Address of Applicant :SUITE 116, 300 CORPORATE PARKWAY, ANHERST, NEW YORK 14226, U.S.A.
(72)**Name of Inventor :**
1)JOHN A DOBOS
2)RONALD D MABRY

(57) Abstract :
An antimicrobial multi-layer island dressing including an inner absorbent assembly having a first layer comprising a wound contacting non-absorbent, non-adhering porous polymeric film which is impregnated with a broad spectrum antimicrobial agent, a second layer comprising a semipermeable continuous polymeric film joined to the first layer to form a sealed interior reservoir compartment, an absorbent material positioned within the interior reservoir compartment to collect discharged exudate from a wound, and an outer layer extending beyond the peripheral edges of the inner absorbent assembly, the outer layer having at least a portion coated with an adhesive material for adhering the island dressing to the wound area. The preferred antimicrobial agent is 2,4,4'-trichloro-2'-hydroxydiphenyl ether and may be present in an amount from about 0.01 to about 25 percent by weight of film material.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/03/2001

(21) Application No.IN/PCT/2001/00255/MUM A
(43) Publication Date : 26/01/2007

(54) Title of the invention : COSMETIC COMPOSITION

(51) International classification :A61K 7/48
(31) Priority Document No :09/150,841
(32) Priority Date :10/09/1998
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP99/03234
Filing Date :05/05/1999
(87) International Publication No :WO 00/15179 A3
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HINDUSTAN LEVER LIMITED
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(72)**Name of Inventor :**
1)WEINKAUF RONNI LYNN
2)SANTHANAM UMA
3)PALANKER LAURA ROSE
4)JANUARIO THOMAS EUGENE
5)BRINKER ANITA MARIE

(57) Abstract :
Compositions containing alpha hydroxy acids and further containing petroselinic acid as an anti-irritant/anti-sting agent.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/03/2001

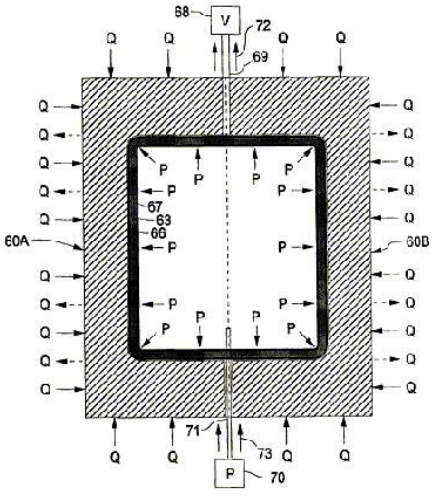
(21) Application No.IN/PCT/2001/00265/MUM A
(43) Publication Date : 26/01/2007

(54) Title of the invention : METHOD FOR FABRICATING COMPOSITE PRESSURE VESSELS AND PRODUCTS FABRICATED BY THE METHOD

(51) International classification	:B29C 70/44, B29C 53/82
(31) Priority Document No	:09/151,442
(32) Priority Date	:11/09/1998
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US99/21064 :13/09/1999
(87) International Publication No	:WO 00/15415
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)ESSEF CORPORATION
Address of Applicant :EXECUTIVE CENTER EAST, SUITE 314, 4020 MT. CARMEL-TOBASCO ROAD, CINCINNATI, OHIO 45255, U.S.A.
(72)**Name of Inventor :**
1)JAMES C. MURPHY
2)GERALD S. BOYCE
3)ERIK COECKELBERGS

(57) Abstract :
A process for making a composite vessel includes the steps of: A) preforming a composite shell (63) for the vessel (for example, by winding fiberglass and a thermoplastic material onto a thermoplastic mandrel) which includes a thermoplastic film liner (66) sealing the interior surface thereof; B) in a mold (60) (which optionally may be heated), heating the composite shell and thermoplastic film liner while applying at least one force (9) (by, for example, evacuating the mold, pressurizing the thermoplastic film liner or both) which tends to urge the thermoplastic film liner and the composite shell outwardly; C) continuing step B) until the thermoplastic film liner and the composite shell consolidate and the exterior surface of the composite shell becomes fluid and flows to conform to the interior surface of the mold, thereby forming the composite vessel; D) allowing the formed composite vessel to cool; and E) removing the formed composite vessel from the mold. Suitable thermoplastic materials includes: polyethylene, polypropylene, polybutylene terephthalate and polyethylene terephthalate. The resulting composite vessel exhibits superior mechanical and aesthetic properties.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/03/2001

(21) Application No.IN/PCT/2001/00307/MUM A
(43) Publication Date : 26/01/2007

(54) Title of the invention : AN IMAGE FILE PROCESSING DEVICE

(51) International classification	:G06F12/00, G06F17/30
(31) Priority Document No	:1999-220385
(32) Priority Date	:03/08/1999
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP00/05228 :03/08/2000
(87) International Publication No	:WO 0109726
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)VISIONARTS INC.
Address of Applicant :20-8, SHINKAWA 2-CHOME, CHUO-KU, TOKYO, 104-0033 Japan
(72)**Name of Inventor :**
1)TAKESHI FUJITA
2)HITOSHI ENDOH
3)NARIAKI HATTA
4)YASUFUMI FUJIKAWA

(57) Abstract :
An object of the invention is to enable a provider who provides an image file to provide a user of the image file reliably with information that the provider desires to provide. Another object of the invention is to enable a provider who provides an image file to provide a user on the basis of one image file reliably with a plurality of sets of information that the provider desires to provide. A still another object of the invention is to make it possible to conduct investigation into e.g. the access made by a user relatively easily. The objects are achieved by a computer-readable recorded medium on which an image file is recorded, characterized in that in a data stream of the image file, identification information specific to the image file, a pointer or pointers of one or more sets of information, an index of a menu item corresponding to the image file, or/and the entity of a predetermined program are recorded.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/04/2001

(21) Application No.IN/PCT/2001/00391/MUM A
(43) Publication Date : 26/01/2007

(54) Title of the invention : TELECOMMUNICATION SERVICES

(51) International classification :H04Q 3/00
(31) Priority Document No :60/101, 857
(32) Priority Date :25/09/1998
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA99/00873
Filing Date :24/09/1999
(87) International Publication No :WO 00/19735 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SOMA NETWORKS INC.
Address of Applicant :SUITE 601, 205 RICHMOND STREET WEST, TORONTO, ONTARIO, M5V 1V3 Canada
(72)**Name of Inventor :**
1)MARTIN WILLIAM SNELGROVE
2)MICHAEL STUMM
3)MAURICIO DE SIMONE
4)BRUNO P PREISS

(57) Abstract :
The present invention relates generally to telecommunications, and more specifically to a method and system of providing telecommunication services that is flexible and efficient. Existing Public Switched Telephone Network systems suffer from a number of problems including system complexity, access being proprietary and services being implemented on fixed hardware. As a result, new services are complex and costly to develop, so telcos only provide services that appeal very broadly. The invention provides an open and flexible system by describing communications in terms of graph packets which contain pointers to blocks of software code, rather than containing large blocks of executable code. In the preferred embodiment, these graphs identify software filters which are dedicated to particular tasks, and are based on a standard API. This allows third parties to create new filters and make them available, allowing new services to be provided quickly and easily.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/04/2001
(21) Application No.IN/PCT/2001/00414/MUM A
(43) Publication Date : 26/01/2007

(54) Title of the invention : NON-STICK SOFT CONFECTIONERY COMPOSITION AND METHODS OF MAKING THE SAME

(51) International classification :A23G 3/00
(31) Priority Document No :60/108,299
(32) Priority Date :13/11/1998
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US999/25568
Filing Date :02/11/1999
(87) International Publication No :WO 00/28833 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)WARNER-LAMBERT COMPANY
Address of Applicant :201 TABOR ROAD, MORRIS PLAINS, NEW JERSEY 07950, U.S.A.
(72)**Name of Inventor :**
1)MAGDY MALAK ABDEL-MALIK
2)NICK D'OTTAVIO
3)SUSAN PETTIGREW
4)CHRISTINE SLATKAVITZ
5)JEAN LEE

(57) Abstract :
A non-stick confectionery composition which includes a confectionery base and an effective amount of the combination of insoluble and soluble components to provide sufficient non-stick domains within the confectionery composition.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/04/2001
(21) Application No.IN/PCT/2001/00420/MUM A
(43) Publication Date : 26/01/2007

(54) Title of the invention : WRINKLE REDUCTION LAUNDRY PRODUCT COMPOSITION

(51) International classification	:C11D 3/37, C11D 1/12, C11D 1/82
(31) Priority Document No	:60/105,865
(32) Priority Date	:27/10/1998
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/EP99/08319 :21/10/1999
(87) International Publication No	:WO 00/24857
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)HINDUSTAN LEVER LIMITED
Address of Applicant :HINDUSTAN LEVER HOUSE, 165/166 BACKBAY RECLAMATION, MUMBAI Maharashtra India
(72)**Name of Inventor :**
1)MURPHY DENNIS STEPHEN
2)FOX DANIEL JOSEPH

(57) Abstract :
The present application relates to the inclusion of one or more wrinkle reducing ingredients in a laundry detergent product. The benefits are delivered to the laundered item during the cleaning step and, therefore, reduces the need for further wrinkle reducing steps when the items are taken from the dryer or after hang drying.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/05/2001

(21) Application No.IN/PCT/2001/00562/MUM A
(43) Publication Date : 26/01/2007

(54) Title of the invention : DISPERSIBLE WATER SOLUBLE POLYMERS

(51) International classification	:C08L1/26, C08L5/14, C08J3/05
(31) Priority Document No	:09/209,372
(32) Priority Date	:04/12/1998
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US99/28561 :02/12/1999
(87) International Publication No	:WO 00/34382A1
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)HERCULES INCORPORATED
Address of Applicant :STATE OF DELAWARE., 1313 NORTH MARKET STREET, HERCULES PLAZA, WILMINGTON, DELAWARE 19894001, U.S.A.
(72)**Name of Inventor :**
1)MOHAND MELBOUCI

(57) Abstract :
Composition comprising water soluble polymer, such as cellulose ethers, guar, or derivatives thereof and surfactant, such as sorbitan esters, improves dispersibility of polymer in aqueous media.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/06/2001

(21) Application No.IN/PCT/2001/00638/MUM A
(43) Publication Date : 26/01/2007

(54) Title of the invention : STRUCTURED LIQUID DETERGENT COMPOSITION

(51) International classification	:C11D 17/00, C11D 3/37, C11D 3/22
(31) Priority Document No	:98310336.7
(32) Priority Date	:16/12/1998
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No Filing Date	:PCT/EP99/09377 :30/11/1999
(87) International Publication No	:WO 00/36079 A1
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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Address of Applicant :HINDUSTAN LEVER HOUSE, 165/166, BACKBAY RECLAMATION, MUMBAI Maharashtra India
(72)**Name of Inventor :**
1)LILI FAUCIA BROUWN
2)MARK FLANAGAN
3)DAVID MACHIN
4)JOHANNES CORNELIS VAN DE PAS
5)DIKSHIKA PATEL
6)PAUL JOHAN BIRKER

(57) Abstract :
An aqueous detergent composition having a physical form selected from the group consisting of liquids, pourable gels and non-pourable gels, said composition comprising surfactant and water, which composition is structured with a lamellar phase formed of at least some of the surfactant and at least some of the water, the composition being substantially clear at 25Â°C.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/06/2001

(21) Application No.IN/PCT/2001/00671/MUM A
(43) Publication Date : 26/01/2007

(54) Title of the invention : TRANSPARENT/TRANSLUCENT LIQUID ENZYME COMPOSITIONS IN CLEAR BOTTLES COMPRISING FLUORESCENT DYE OR UV ABSORBER

(51) International classification	:C11D3/386, C11D3/42, C11D17/04
(31) Priority Document No	:09/212,982
(32) Priority Date	:16/12/1998
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/EP99/09373 :30/11/1999
(87) International Publication No	:WO 00/36068 A1
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)HINDUSTAN LEVER LIMITED
Address of Applicant :HINDUSTAN LEVER HOUSE, 165/166, BACKBAY RECLAMATION, MUMBAI Maharashtra India
(72)**Name of Inventor :**
1)BAE-LEE MYONGSUK
2)HSU FENG-LUNG GORDON
3)MURPHY DENNIS STEPHEN
4)NEUSER KRISTINA MARIE

(57) Abstract :
An enzyme containing translucent or transparent aqueous heavy duty liquid in a clear bottle comprising fluorescent dye and/or UV absorber.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/06/2001

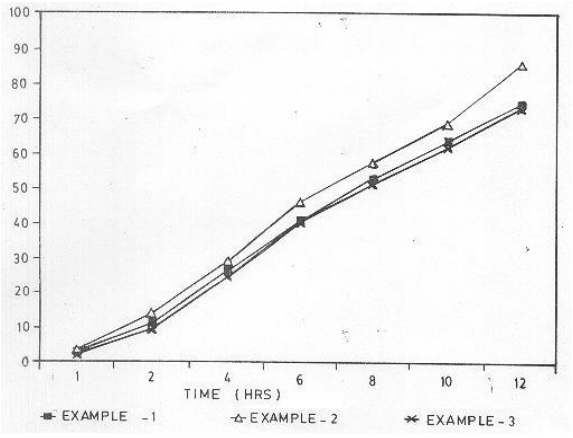
(21) Application No.IN/PCT/2001/00764/MUM A
(43) Publication Date : 26/01/2007

(54) Title of the invention : SUSTAINED RELEASE PHARMACEUTICAL COMPOSITION CONTAINING GLIPIZIDE AND METHOD FOR PRODUCING SAME

(51) International classification	:A61K9/50, A61K9/52
(31) Priority Document No	:09/573,290
(32) Priority Date	:18/05/2000
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/IB01/00843 :14/05/2001
(87) International Publication No	:WO01/87228 A2
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)USV LIMITED
Address of Applicant :BSD MARG, GOVANDI, MUMBAI 400088, Maharashtra India
(72)**Name of Inventor :**
1)DR GIDWANI SUERSH KUMAR
2)SINGNURKAR PURUSHOTTAM
3)TEWARI PRASHANT KUMAR

(57) Abstract :
One aspect of the invention resides in a monolithic sustained release composition of glipizide for patients with non-insulin dependent diabetes mellitus that exhibits a breakdown after ingestion by a patient in conformity with a zero-order kineetic. the present invention provides a composition of a glipizide and a hydrocolloid forming agent and optimally other auxiliary excipient for the sustained releass of glipizide. lt is perferable that the hydrophlic meterial comprises at least 50% by weight of the composition. the present invention is also directed to the process for producing the composition. one aspect of this process includes the stps of granulating glipizide, a hydrophilic material and diluent, drying the granulated product and lubricating the product with a flow regulating agent and lubricant.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/07/2001

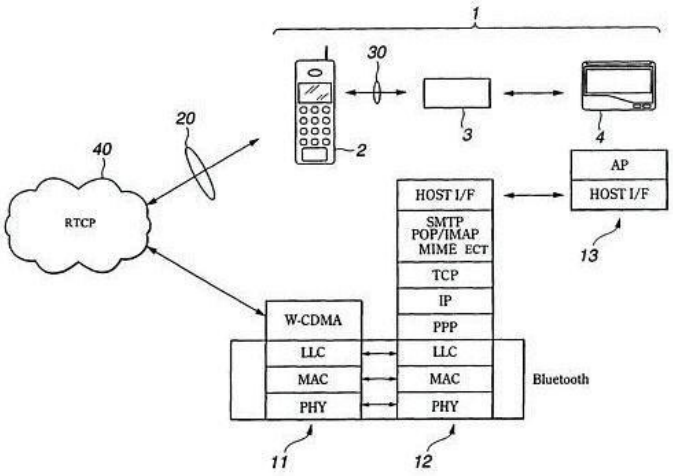
(21) Application No.IN/PCT/2001/00793/MUM A
(43) Publication Date : 26/01/2007

(54) Title of the invention : DEVICE, HOST DEVICE AND METHOD OF COMMUNICATION

(51) International classification	:G06F13/00, H04Q7/38
(31) Priority Document No	:11/323447
(32) Priority Date	:12/11/1999
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP00/07998 :13/11/2000
(87) International Publication No	:WO 01/35230 A1
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)SONY CORPORATION
Address of Applicant :7-35 KITASHINAGAWA 6-CHOME, SHINGAWA-KU, TOKYO, 141-0001 Japan
(72)**Name of Inventor :**
1)HIROFUMI KAWAMURA

(57) Abstract :
A Wireless communication apparatus (3) and host equipment (4) are mounted, and dated are given and received from a public communication network (40) thorugh a short-distance wireless communication network (30). The wireless communication apparatus (3) has a protocol stack (12) having SMTP and POP mounted thereon in order to control network setting information which is information in connection with the public communication network (40) and processing of a network server in the public communication network (40). The wireless communication apparatus (3) operates so as to set a connnection relationship with the public commununication network (40) through the short-distance wireless communication network (30) on the basis of network setting information to control transmit-receive of data between the network server and the host equipment (4) in accordance with SMTP and POP. Even when a plurality of host equipment are handled as described, a burden on a user with respect to network setting or the like when a network application is used in lightened.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/10/2001

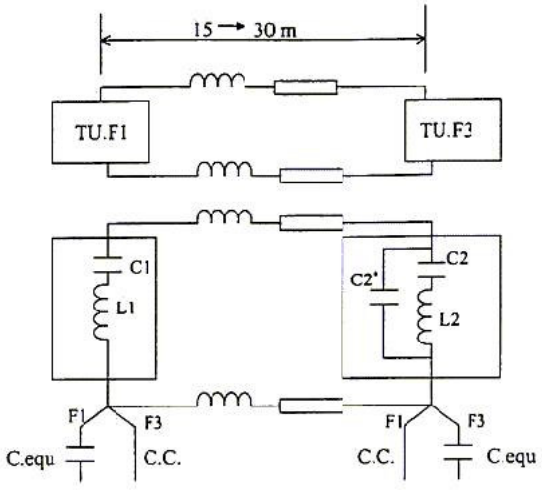
(21) Application No.IN/PCT/2001/01265/MUM A
(43) Publication Date : 26/01/2007

(54) Title of the invention : METHOD FOR MEASURING THE SPEED OF A RAIL VEHICLE AND INSTALLATION THEREFOR

(51) International classification	:B61L 3/12
(31) Priority Document No	:99870079.3
(32) Priority Date	:30/04/1999
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No Filing Date	:PCT/BE00/00043 :20/04/2000
(87) International Publication No	:WO 00/66412
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)ALSTOM BELGIUM S.A.
Address of Applicant :RUE CAMBIER DUPRET 50-52, B-6001 CHARLEROI, Belgium
(72)**Name of Inventor :**
1)ERIC LECHEVIN
2)JEAN-PIERRE FRANCKART
3)DANIELE GALARDINI

(57) Abstract :
The invention relates to a method for measuring the speed of a vehicle fitted with an antenna and travelling on a track with two rails in the form of track sections (1, 2, 3), known as block systems which are separated by electric joints, whereby each electric joint is made up of two tuning blocks (TU.F1 and TU.F3) and a predetermined track section located therebetween, whereby power coupling is provided for the adjacent track section acting as a block system by each of the tuning blocks (TU.F1 and TU.F3). The invention is characterized by detection of at least two discontinuities in the current or in the voltage of the signal as seen by an antenna which is present in the vehicle travelling on said track. The invention also relates to an installation for carrying out the inventive method.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/11/2001

(21) Application No.IN/PCT/2001/01474/MUM A
(43) Publication Date : 26/01/2007

(54) Title of the invention : AMMOXIDATION OF A MIXTURE OF KETONES TO ACETONITRILE AND HYDROGEN CYANIDE

(51) International classification	:C07C 253/24, C07C 253/26
(31) Priority Document No	:09/320,937
(32) Priority Date	:27/05/1999
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US00/13374 :16/05/2000
(87) International Publication No	:WO 00/73261 A1
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MICHAEL J. SEELY
2)SANJAY P .GODBOLE
3)DEV D. SURESH

(57) Abstract :
A process increasing the yield of both HCN and acetonitrile produced during the manufacture of acrylonitrile comprising introducing a hydrocarbon selected from the group consisting of propylene and propane, a crude ketone and/or a mixture of at least two ketones, ammonia and air, into a reaction zone containing an ammoxidation catalyst, reacting the hydrocarbon, the ketone, ammonia and oxygen over said catalyst at an elevated temperature to produce acrylonitrile, hydrogen cyanide and acetonitrile, and recovering the acrylonitrile, hydrogen cyanide and acetonitrile from the reactor.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/11/2001

(21) Application No.IN/PCT/2001/01512/MUM A
(43) Publication Date : 26/01/2007

(54) Title of the invention : FUEL COMPOSITION

(51) International classification :C10L 1/06
(31) Priority Document No :9913650.9
(32) Priority Date :11/06/1999
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB/00/02282
Filing Date :12/06/2000
(87) International Publication No :WO 00/77130 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BP OIL INTERNATIONAL LIMITED
Address of Applicant :BRITANNIC HOUSE, 1 FINSBURY CIRCUS, LONDON EC2M 7BA, UNITED KINGDOM U.K.
(72)**Name of Inventor :**
1)ALISDAIR QUENTIN CLARK
2)PHILIP HOWARD
3)ANTHONY GEORGE WILLIAM PARKER

(57) Abstract :
Unleaded blend compositions, as well as formulated gasolines containing them have a Motor Octane Number (MON) of at least 80 comprising at least 2 % of component (a), which is at least one branched chain alkane of MON value of at least 90 and of boiling point 15-160 Â°C or a substantially aliphatic hydrocarbon refinery stream, of MON value of at least 85, at least 70 % in total of said stream being branched chain alkanes, said stream being obtainable or obtained by distillation from a refinery material as a cut having Initial Boiling Point of at least 15 Â°C and Final Boiling Point of at most 160 Â°C, said Boiling Points being measured according to ASTMD2892, and as component (g) at least 5 % of at least one paraffin, liquid hydrocarbon or mixture thereof e.g. aromatic hydrocarbon compound or olefinic hydrocarbon of bp60-160 Â°C, especially of MON value at least 70 and RON at least 90 or as component (g) at least 20 % of one or more refinery streams. The component (a) gives rise to reduced emissions to the composition or gasoline on combustion.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/03/2002

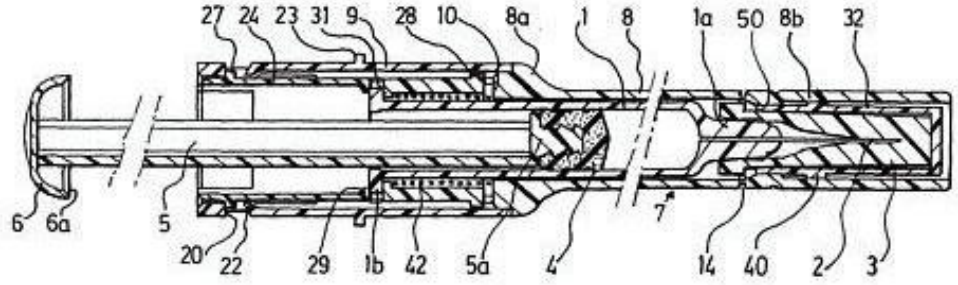
(21) Application No.IN/PCT/2002/00306/MUM A
(43) Publication Date : 26/01/2007

(54) Title of the invention : SINGLE-USE DEVICE FOR INJECTION

(51) International classification :A61M 5/32
(31) Priority Document No :99/12500
(32) Priority Date :07/10/1999
(33) Name of priority country :France
(86) International Application No :PCT/FR00/02569
Filing Date :15/09/2000
(87) International Publication No :WO01/24855
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SANOFI-SYNTHELABO
Address of Applicant :174 AVENUE DE FRANCE 75013 PARIS France
(72)**Name of Inventor :**
1)BRUNEL MARE

(57) Abstract :
The invention concerns a disposable injection device comprising a standard syringe (1) and a guard protecting the injection needle (2) of said syringe (1) after use, comprising a protective case (7) consisting of two rear (9) and front (8) bodies adapted to be made integral in the extension of each other, and a ring (24) housed in the rear body (9) and provided with means locking (29, 31) the syringe (1), said ring being designed to move between a first injecting position and a second protecting position after the injection needle (2) has been used by means of a spring (42) maintained compressed in the injecting position and released after injection.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/04/2002

(21) Application No.IN/PCT/2002/00539/MUM A
(43) Publication Date : 26/01/2007

(54) Title of the invention : A PAYMENT SYSTEM AND METHOD FOR USE IN AN ELECTRONIC COMMERCE SYSTEM

(51) International classification	:G06F 17/60
(31) Priority Document No	:9904258-2
(32) Priority Date	:23/11/1999
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE00/02324
Filing Date	:23/11/2000
(87) International Publication No	:WO 01/39062 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)TELEFONKTIEBOLAGET LM ERICSSON [PUBL]
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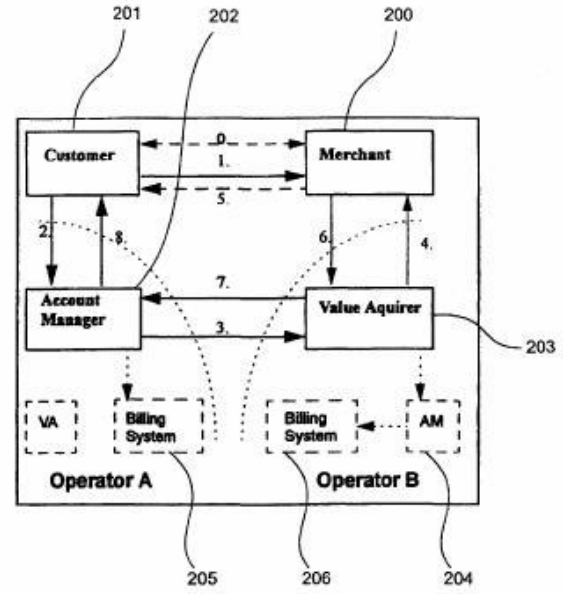
(72)**Name of Inventor :**
1)LARS ANGELIN

(57) Abstract :
A method and system of payment of goods and services in an electronic commerce system, which reduces the transfer and processing costs for each purchase made by a customer from a merchant, utilising at least a customer agent (201) and a merchant agent (200), at least an account manager (202, 204) associated with the agents for administration of customer accounts and merchant accounts, and at least a mediating trusted agent (203) associated with one of the account managers (202) and merchant agent (200) for checking transactions during a trading session. The at least one customer agent (201) and merchant agent (200), the at least one account manager (202), and the at least one mediating trusted agent (203) being interconnected by an electronic communication network.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.: 00947/CAL/1999** **A**
(22) Date of filing of Application: 01/12/1999 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: AN ATM (ASYNCHRONOUS TRANSFER MODE) CELL PROCESSING DEVICE

(51)	**International classification**	**:**	**H04B 7/26**
(31)	**Priority Document No**	**:**	**52237/1998**
(32)	**Priority Date**	**:**	**01/12/1998**
(33)	**Name of priority country**	**:**	KOREA
(86)	**International Application No and Filing Date**	**:**	
(87)	**International Publication No**	**:**	
(61)	**Patent of addition to Application No Filed on**	**:**	
(62)	**Divisional to Application No Filed on**	**:**	

(71) Name of Applicant:
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Address of the Applicant:
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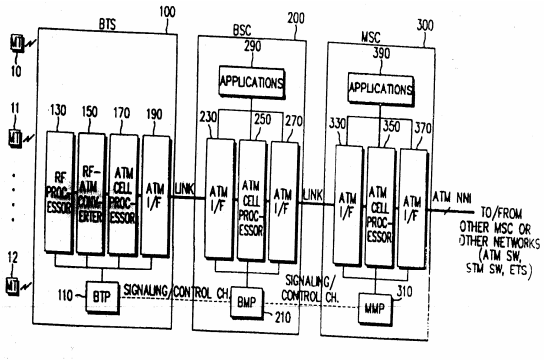
(72) Name of the Inventor:
DONG-YOUNG SONG

Filed U/S 5(2) before The Patents (Amendment) **Act, 2005:** NO

(57) Abstract:

A mobile communication system introducing ATM, AAL2 and IMA techniques in order to efficiently transmit high-speed information and multimedia traffic having various properties, and to increase transmission efficiency in alimited transmission link or transmission band. An ATM cell processing device for a mobile communication system comprises an ATM interface for receiving ATM cell dispersedly transmitted or distributed over a plurality of physical links and restoring the received ATM cells into one ATM cell stream; an AAL2 (ATM Adaptation Layer 2) cell processor for seitching at least one AA2 packet multiplexed within each ATM cell in the ATM cell stream according to routing information provided during call setup, multiplexing the switched AAL2 packets according to ATM connections, and creating an internal ATM cell having the same format as the received ATM cells ; and an ATM switch for seitching the internal ATM cell according to the routing informatio.

(FIG.1)



(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.: 00094/CAL/2001** **A**
(22) Date of filing of Application: 20/02/2001 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: A COMPRESSOR ASSEMBLY

(51)	**International classification**	**:**	**F04B 39/04, 39/06, 49/00**
(31)	**Priority Document No**	**:**	**09/515802**
(32)	**Priority Date**	**:**	**29/02/2000**
(33)	**Name of priority country**	**:**	USA
(86)	**International Application No and Filing Date**	**:**	
(87)	**International Publication No**	**:**	
(61)	**Patent of addition to Application No Filed on**	**:**	
(62)	**Divisional to Application No Filed on**	**:**	

(71) Name of Applicant:
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Address of the Applicant:
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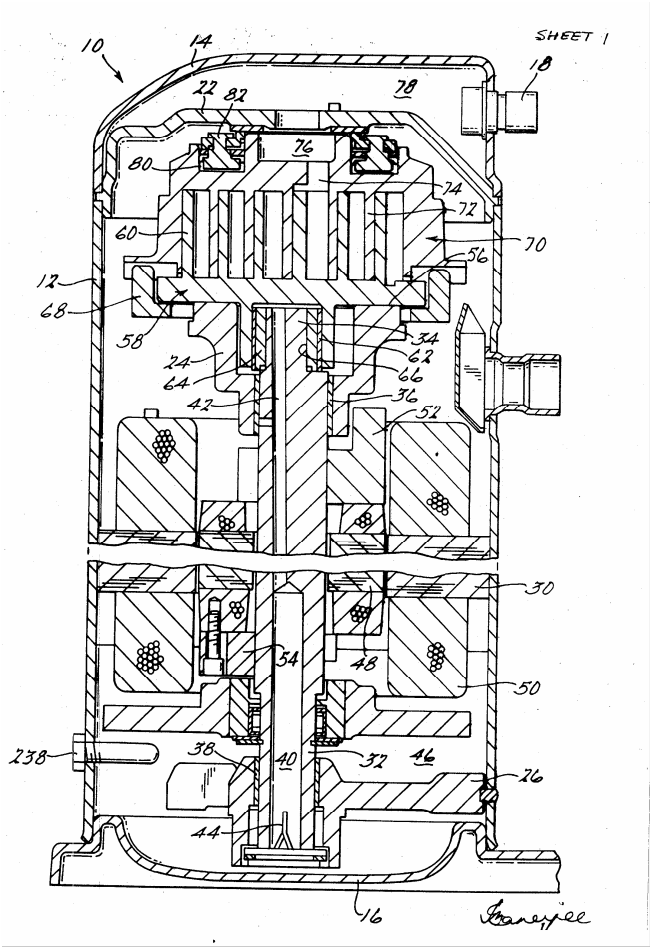
(72) Name of the Inventor:
MILLET, HANK E.; RAJENDRAN, NATARAJAN; MCCROSKEY, WILLIAM W.

Filed U/S 5(2) before The Patents (Amendment) **Act, 2005:** NO

(57) Abstract:

A compressor protection and control subsystem for a rotary compressor provides temperature pressure, mis-wiring and vibrational protection for the scroll machine. The vibrational protection comprises a vibration sensor Which is integrated on the circuit board of the protection and control subsystem. The vibration sensor, in conjunction with at least one timer, monitors the vibrations of the scroll machine and will shut down the machine when excess vibrations are sensed over a prespecified period of time. The temperature system monitors operating temperature conditions the pressure system monitors operating pressures and the mis-wiring system monitors the power supplied to the compressor. Once an undesirable characteristic is identified, the operation of the scroll machine is stopped. These protection systems are integrated into a single subsystem which identifies the reason of shutting off the scroll machine in order to simplify repairs needed. The subsystem incorporates a gateway arid/or a serial peripheral interface in order to communicate with a central operating and control system.



(FIG1.)

(12) **PATENT APPLICATION PUBLICATION**
(19) INDIA **(21) Application No.: 00177/CAL/2001** **A**
(22) Date of filing of Application: 23/03/2001 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: A PROCESS FOR THE PRODUCTION OF SOMATIC SEEDLINGS OF PLANTS

(51)	**International classification**	**:**	**A01H 4/00**
(31)	**Priority Document No**	**:**	**NA**
(32)	**Priority Date**	**:**	**NA**
(33)	**Name of priority country**	**:**	NA
(86)	**International Application No and Filing Date**	**:**	**NA**
(87)	**International Publication No**	**:**	NA
(61)	**Patent of addition to Application No Filed on**	:	NA
(62)	**Divisional to Application No Filed on**	:	NA

(71) Name of Applicant:
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Address of the Applicant:
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1, BISHOP LEFROY ROAD, CALCUTTA, 700020, WEST BENGAL, INDIA

(72) Name of the Inventor:
DEY S

Filed U/S 5(2) before The Patents (Amendment) **Act, 2005:** NO

(57) Abstract:

A process for the production of somatic seedlings of plants comprising inoculating a plant pro-embryogenic cell/callus mass In a nutrient medium containing H1 hormones such as herein described in a bioreactor, draining out the spent medium, adding fresh nutrient medium into the bioreactor followed by cultivation of the embryos therein, adding H2 hormones such as herein described into the medium and allowing the somatic embryos to germinate to somatic seedlings, draining out 1-12 hormone containing medium and adding fresh nutrient medium containing an inhibitor such as herein described into the bioreactor, allowing the seedlings to develop in the medium to obtain the somatic seedlings.

(FIG.nil)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.: 00281/CAL/2001** **A**
(22) Date of filing of Application: 15/05/2001 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: PEDAL DISPLACEMENT SENSOR

(51)	**International classification**	**:**	**B60Q 1/44; H01H 3/14**
(31)	**Priority Document No**	**:**	**10024921.3**
(32)	**Priority Date**	**:**	**19/05/2000**
(33)	**Name of priority country**	**:**	GERMANY
(86)	**International Application No and Filing Date**	**:**	
(87)	**International Publication No**	**:**	
(61)	**Patent of addition to Application No Filed on**	**:**	
(62)	**Divisional to Application No Filed on**	**:**	

(71) Name of Applicant:
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Address of the Applicant:
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(72) Name of the Inventor:
BECKER MANFRED; KAPELL RALF; OBERHEIM RAINER

Filed U/S 5(2) before The Patents (Amendment) **Act, 2005:** NO

(57) Abstract:

This invention relates to a pedal displacement sensor for determining a pedal displacement comprising at least one actuating lever (36) arranged in a housing (32), the actuating lever (36) is supported on a rotational, axis (36), and rotatable by a pedal (10,12); and at least one switching element (56) having an actuating element (56) which is actuated by rotating the actuating lever (36).. The housing (32) contains an opening (44) that makes it possible to gain external access to a region of the actuating lever (56) that lies outside of the rotational axis (36) so as to subject the actuating lever (36) to the influence of a pedal movement, and in that the actuating lever (36) acts upon at least one measurement device (114, 116) for generating an electrical signal that corresponds to the rotational position of the actuating lever (36).

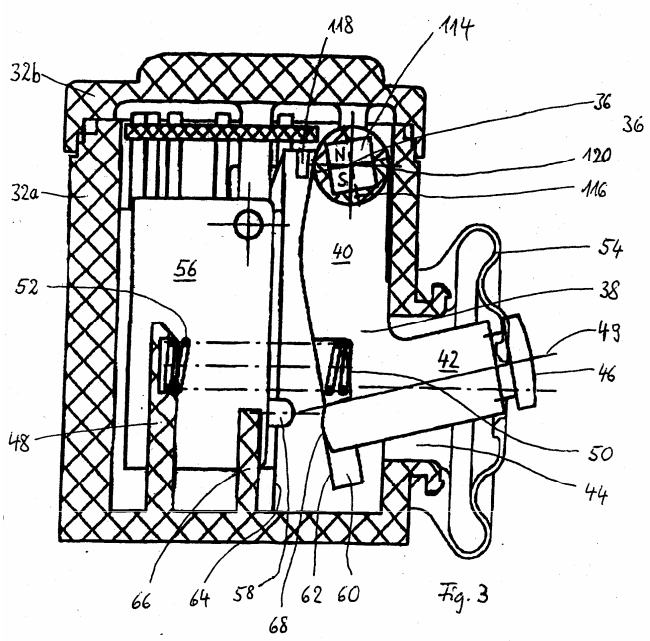


Fig. 3

(FIG.3)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.:** 00160/CAL/2002 **A**
(22) Date of filing of Application: 20/03/2002 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: A BAYONET COUPLING FOR PIPES

(51)	**International classification**	**:**	**F16L 37/113**
(31)	**Priority Document No**	**:**	**NA**
(32)	**Priority Date**	**:**	**NA**
(33)	**Name of priority country**	**:**	NA
(86)	**International Application No and Filing Date**	**:**	**NA**
(87)	**International Publication No**	**:**	NA
(61)	**Patent of addition to Application No**	:	NA
	Filed on	**:**	NA
(62)	**Divisional to Application No**	:	NA
	Filed on	**:**	NA

(71) Name of Applicant:
PREMIER IRRIGATION EQUIPMENT LIMITED.,

Address of the Applicant:
17/1C ALIPORE ROAD, CALCUTTA 700 027, WB, INDIA.

(72) Name of the Inventor:
POOK JOHN MICHAEL

Filed U/S 5(2) before The Patents (Amendment) **Act, 2005:** NO

(57) Abstract:

This invention relates to a bayonet coupling for pipes comprising socket and a spigot, socket end and spigot end are fixed to pipes for coupling, on the front face of said socket a pair of female lugs with pockets are disposed diametrically opposite to each other and the spigot with male lugs are disposed diametrically opposite to each other fits inside the lugs of the socket when coupled, inside of the annular ring of said socket is provided with an annular groove for filament of a sealing ring and on the inside pocket of said lugs a pair of protrusions is provided such that when the lugs come into contact of each other an interference fit is developed.

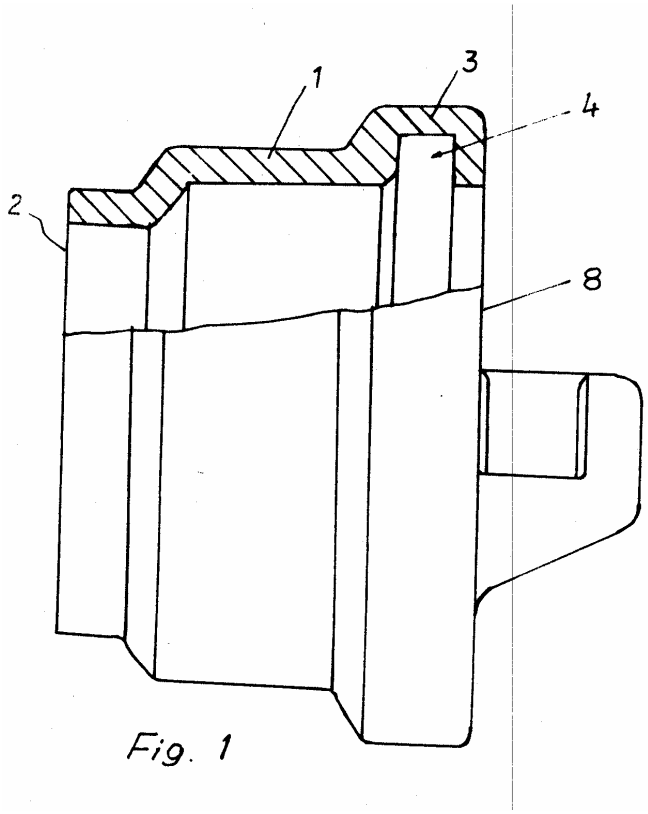


Fig. 1

(FIG.1).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.:** 00238/CAL/2002 **A**
(22) Date of filing of Application: 26/04/2002 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: VARIABLE PRESSURE CONTROL DEVICE

(51)	**International classification**	**:**	**F15B 13/04**
(31)	**Priority Document No**	**:**	**09/847,655**
(32)	**Priority Date**	**:**	**02/05/2001**
(33)	**Name of priority country**	**:**	USA
(86)	**International Application No and Filing Date**	**:**	**NA**
(87)	**International Publication No**	**:**	NA
(61)	**Patent of addition to Application No**	:	NA
	Filed on	**:**	NA
(62)	**Divisional to Application No**	:	NA
	Filed on	**:**	NA

(71) Name of Applicant:
ROSS OPERATING VALVE COMPANY.,

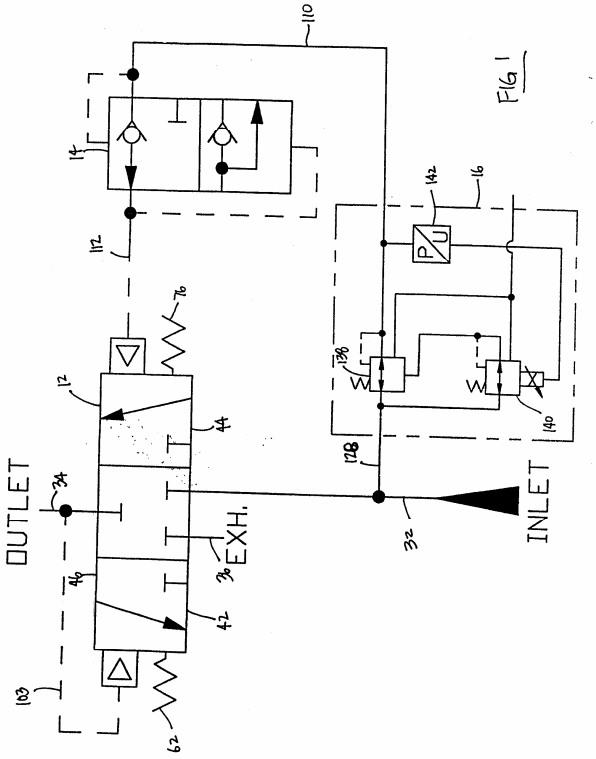
Address of the Applicant:
1250 KIRTS BOULEVARD, TROY, MICHIGAN 48084, USA.

(72) Name of the Inventor:
FOSTER JOSEPH E. JR.
RUSSELL NEIL E.

Filed U/S 5(2) before The Patents (Amendment) **Act, 2005:** NO

(57) Abstract:

A control valve system having a housing defining an inlet, an outlet, and an exhaust. A first passage extends between the inlet and the outlet and a second passage extends between the outlet and the exhaust. The control valve system includes a first valve disposed within the first passage. The first valve is movable between a closed position and an opened position. Similarly, the control valve system includes a second valve disposed within the second passage. The second valve is movable between a closed position and an opened position. Furthermore, the control valve system includes a regulator circuit operably coupled to the housing, which outputs a pilot pressure in response to an inlet pressure. An actuating member is slidably disposed within the housing and moveable in response to a pressure differential between the outlet and the pilot pressure. The actuating member independently actuates the first valve and the second valve to provide a quick pressure and exhaust feature.



(FIG.1).

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA** (21) **Application No.: 00603/KOL/2003** **A**

(22) **Date of filing of Application: 27/11/2003** (43) **Publication Date: 19/01/2007**

(54) **Title of the invention: : VIBRATION BASED NON-CONTACT SLAG DETECTION SYSTEM**

(51) **International classification : H04 B 1/00 H04B 1/06**

(31) **Priority Document No : NIL**

(32) **Priority Date :**

(33) **Name of priority country :**

(86) **International Application No and Filing Date: : NIL**

(87) **International Publication No : NIL**

(61) **Patent of addition to Application No : NIL**

Filed on : NIL

(62) **Divisional to Application No : NIL**

Filed on : NIL

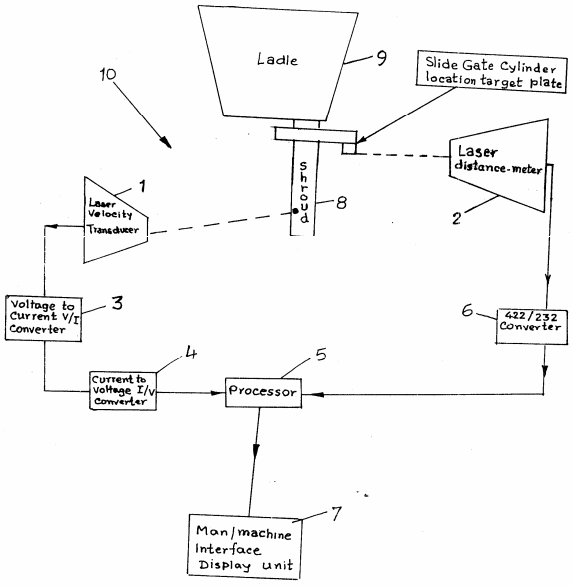
(71) **Name of Applicant:**
THE TATA IRON AND STEEL COMPANY LIMITED

Address of the Applicant:
JAMSHEDPUR – 831 001, JHARKHAND, INDIA

(72) Name of the Inventor:
ANUP KUMAR
A LAVANYA
SOMA PRASAD

Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO

(57) Abstract: A vibration based-contact slag detection sytem comprising :
a velocity transducer (1) for sensing a vibration signal from an oscillating ladle shroud (8);
a laser distance meter (2) for determining the extent of opening/closure of slide gages of said ladle shroud (8); and
a processor (5) located away from said ladle shroud (8) for receiving signals from said laser velocity transducer (1) and said laser distance meter (2) and performing tundish level calculation for detecting the arrival of slag.



(FIG.1)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.: 00345/KOL/2004** **A**
(22) Date of filing of Application: 23/06/2004 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: AN ON-LINE SYSTEM TO PREDICT THE COILING TEMPERATURE OVER THE LENGTH OF THE COIL ON THE RUN-OUT TABLE OF HOT STRIP MILL

(51)	**International classification**	**:**	**G01K 15/00**
(31)	**Priority Document No**	**:**	**NIL**
(32)	**Priority Date**	**:**	**NIL**
(33)	**Name of priority country**	**:**	NIL
(86)	**International Application No and Filing Date**	**:** :	
(87)	**International Publication No**	**:**	
(61)	**Patent of addition to Application No Filed on**	: **:**	
(62)	**Divisional to Application No Filed on**	: **:**	NIL

(71) Name of Applicant: THE TATA IRON AND STEEL COMPANY LIMITED

Address of the Applicant: RESEARCH AND DEVELOPMENT & SCIENTIFIC SERVICES, JAMSHEDPUR 831 001, INDIA

(72) Name of the Inventor: **ANANYA MUKHOPADHYAY; SUDIPTA SIKDAR**

Filed U/S 5(2) before The Patents (Amendment) **Act, 2005:** NO

(57) Abstract:

A method for on-line estimation of the through-thickness coiling temperature over the length of a coil in Hot strip Mills, comprising the steps of:

Developing an off-line numerical model through adaptation of one-dimensional heat conduction equation being solved by explicit finite difference procedure;

Developing a correlation for heat transfer coefficient for different grades of steel at different thickness;

Receiving input data in respect of temperature, speed of the coil from Level –0 and in respect of opening time of water-cooling valves at ROT from Level-1 field devices of HSM

Analyzing signals of top of the coil, thereby converting the off-line model to an on-line numerical model;

Estimating coiling temperature over the coil by using the captured data and analysing the same using the on-line model, the outpout from the on-line model being the temperature over the through thickness and length of the coil which is displayed in the ROT;

Estimating cooling rate based on the estimated coiling temperature.

(FIG.nil)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.:** 00497/CAL/20002 **A**
(22) Date of filing of Application: 22/08/2002 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: DEVICE AT A MACHINE FOR PREPARATION OF SPINNING MILL, FOR EXAMPLE, CARD FOR ELIMINATION OF FOREIGN BODIES AS TRASH AND SIMILAR THINGS

(51)	**International classification**	**:**	**D01G 15/82**
(31)	**Priority Document No**	**:**	**10163178.2**
(32)	**Priority Date**	**:**	**21/12/2001**
(33)	**Name of priority country**	**:**	GERMANY
(86)	**International Application No and Filing Date**	**:**	**NA**
(87)	**International Publication No**	**:**	NA
(61)	**Patent of addition to Application No**	:	NA
	Filed on	**:**	NA
(62)	**Divisional to Application No**	:	NA
	Filed on	**:**	NA

(71) Name of Applicant:
TRUTZSCHLER GMBH & CO. KG.,

Address of the Applicant:
DUVENSTR. 82-92, D-41199, MONCHENGLADBACH, GERMANY.

(72) Name of the Inventor:
PFERDMENGES GERD
PISCHEL ROBERT

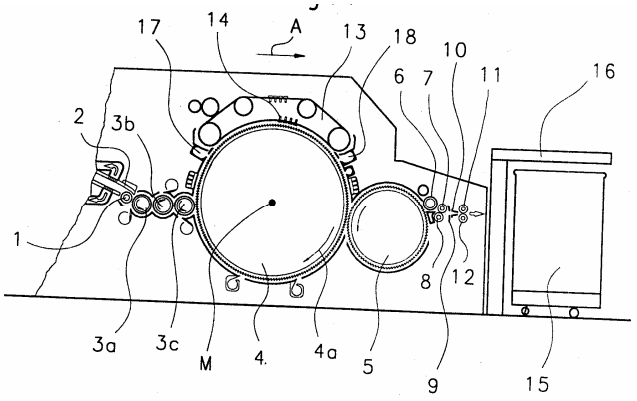
Filed U/S 5(2) before The Patents (Amendment) **Act, 2005:** NO

(57) Abstract:

in case of a device at a spinning mill preparing machine, ±or example, card, towards elimination of foreign bodies as trash and similar things with a knife blade, which with adjustable distance against the direction of rotation of a roller, for example, Drum, is attached and displays a suction chamber associated to the knite blade, build the knife blade and the suction chamber at a holding element fixed a structural group, whose distance is adjustable by the roller with at least one adjusting element.

In order to render possible in constructive and simple manner after a dismantling and renewed assembly the safe retension of the distance of the separating border from the roller, which was prevalent betore the dismantling, outside the front sides of the roller, in case case, an adjusting element is prevailing, which is attached in the range of the separating border of the knife blade.

(FIG.1).



(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.: 00801/KOL/2004** **A**
(22) Date of filing of Application: 08/12/2004 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: AN INNOVATIVE PROCESS FOR UTILIZATION OF REJECTS FROM PULVERIZING MILLS IN THERMAL POWER PLANTS

(51)	**International classification**	**:**	**F01K 7/00**
(31)	**Priority Document No**	**:**	**Nil**
(32)	**Priority Date**	**:**	**Nil**
(33)	**Name of priority country**	**:**	Nil
(86)	**International Application No and Filing Date**	**:**	**Nil**
(87)	**International Publication No**	**:**	Na
(61)	**Patent of addition to Application No Filed on**	:	Na
(62)	**Divisional to Application No Filed on**	:	nil

(71) Name of Applicant: PRABIR BASU

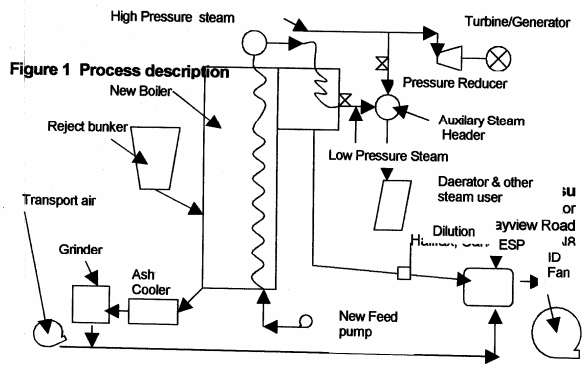
Address of the Applicant: 23, BAYVIEW ROAD HALIFAX, CANADA B3M 1N8, CANADA

(72) Name of the Inventor: **PRABIR BASU**

Filed U/S 5(2) before The Patents (Amendment) **Act, 2005:** NO

(57) Abstract:

The present invention relates to a novel process for utilization of mill rejects which could also generate additional power from the plant without necessarily increasing the coal consumption of the power plant using certain types of pulverized fired boilers systems.



(FIG1.)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.:** 00043/KOL/2005 **A**
(22) Date of filing of Application: 28/01/2005 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: GERMICIDAL COMPOSITIONS CONTAINING PHTHALALDEHYDE MIXTURES AND METHODS OF USING SUCH COMPOSITIONS FOR DISINFECTION OR STERILIZATION

(51)	**International classification**	**:**	**C11D 7/00**
(31)	**Priority Document No**	**:**	**10/769603**
(32)	**Priority Date**	**:**	**30/01/2004**
(33)	**Name of priority country**	**:**	USA
(86)	**International Application No and Filing Date**	**:**	**NA**
(87)	**International Publication No**	**:**	NA
(61)	**Patent of addition to Application No**	:	NA
	Filed on	**:**	NA
(62)	**Divisional to Application No**	:	NA
	Filed on	**:**	NA

(71) Name of Applicant:
ETHICON, INC.,

Address of the Applicant:
U.S. ROUTE 22, SOMERVILLE, NJ 08876, USA.

(72) Name of the Inventor:
PETER C. ZHU
CHARLES G. ROBERTS

Filed U/S 5(2) before The Patents (Amendment) **Act, 2005:** NO

(57) Abstract:

Germicidal compositions including a phthalaldehyde and methods of using such compositions for killing bacteria, disinfection, or sterilization, are disclosed. In one aspect, a germicidal composition may include a diluent, a germicidal compound, such as phthalaldehyde, and an amount of isophthalaldehyde to enhance the germicidal efficacy of the germicidal compound. In the case of phthalaldehyde, the composition may have a staining property that is less than a staining property of a composition consisting essentially of phthalaldehyde diluted to the same concentration. In another aspect, the composition may further include an amount of terephthalaldehyde to enhance the germicidal efficacy of the phthalaldehyde. In yet another aspect, a germicidal composition may include a diluent, phthalaldehyde, and a material such as isophthalaldehyde, terephthalaldehyde, or a combination of isophthalaldehyde and terephthalaldehyde, in order to reduce a staining property of the phthalaldehyde.

(FIG.nil).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.:** 00045/KOL/2005 **A**
(22) Date of filing of Application: 28/01/2005 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: PROVIDING A FLEXIBLE PROTECTION MODEL IN A COMPUTER SYSTEM BY DECOUPLING PROTECTION FROM COMPUTER PRIVILEGE LEVEL

(51)	**International classification**	**:**	**G06F 12/14**
(31)	**Priority Document No**	**:**	**10/769594**
(32)	**Priority Date**	**:**	**30/01/2004**
(33)	**Name of priority country**	**:**	USA
(86)	**International Application No and Filing Date**	**:**	**NA**
(87)	**International Publication No**	**:**	NA
(61)	**Patent of addition to Application No**	:	NA
	Filed on	**:**	NA
(62)	**Divisional to Application No**	:	NA
	Filed on	**:**	NA

(71) Name of Applicant:
HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.,

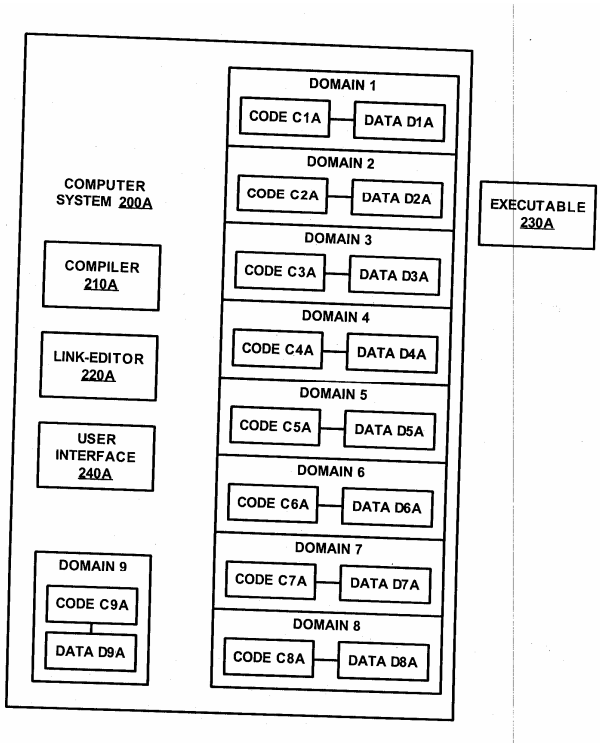
Address of the Applicant:
20555 S.H. 249, HOUSTON, TEXAS 77070 USA.

(72) Name of the Inventor:
AHMED EZZAT

Filed U/S 5(2) before The Patents (Amendment) **Act, 2005:** NO

(57) Abstract:

Methods and systems for providing a flexible protection model in a computer system by decoupling protection from privilege are described. Inflammation describing a relationship between the two or more domains that define types of protection and portions of code is received. The portions of cove with the multiple domains that provide fire granularities of protection can be executed in the same privilege level. The relationship is not required to be linear. In addition, the overhead associated with crossing protection domains is relatively low with respect to traditional operating system context switching overhead.



(FIG.2a).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.: 00133/KOL/2005** **A**
(22) Date of filing of Application: 01/03/2005 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: STABILISED SOIL STRUCTURE AND FACING ELEMENTS FOR ITS CONSTRUCTION

(51)	**International classification**	**:**	**E 04 B 2/02**
(31)	**Priority Document No**	**:**	**0412528**
(32)	**Priority Date**	**:**	**25/11/2004**
(33)	**Name of priority country**	**:**	FRANCE
(86)	**International Application No and Filing Date**	**:**	**NA**
(87)	**International Publication No**	**:**	NA
(61)	**Patent of addition to Application No**	:	NA
	Filed on	**:**	NA
(62)	**Divisional to Application No**	:	NA
	Filed on	**:**	NA

(71) Name of Applicant: FREYSSINET INTERNATIONAL (STUP)

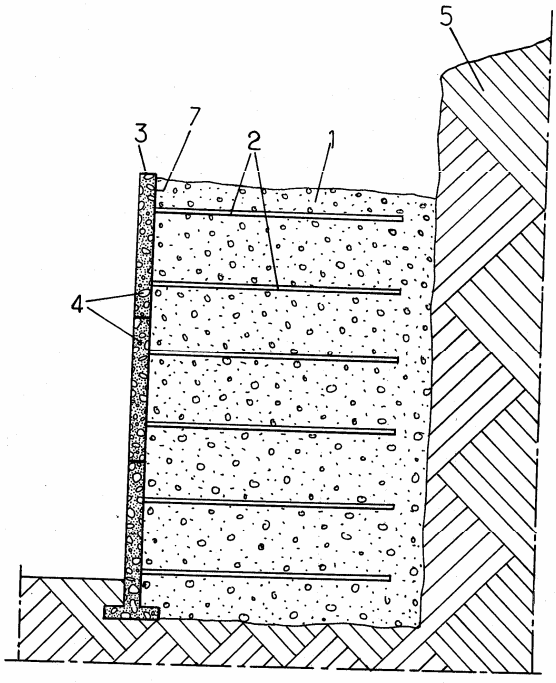
Address of the Applicant: 1, BIS, REU DU PETIT CLAMART, 78140 VELIZY VILLACOUBLAY, FRANCE

(72) Name of the Inventor:
RREITAG N
MORIZOT J-CLAUDE

Filed U/S 5(2) before The Patents (Amendment) **Act, 2005:** NO

(57) Abstract:

The facing element for a stabilized soil structure comprises a body (4) of cast material inside which a path is formed for a reinforcement strip (2) between two points of emergence (6) situated on a rear face (7) of the element. This path includes two rectilinear portions (8) which are respectively adjacent to the two points of emergence and are each arranged so as to position the strip in the same plane of emergence perpendicular to the rear face, two curved portions (9) which respectively continue the two rectilinear portions and are arranged so as to deviate the strip from the plane of emergence, and a connection portion which joins the two curved portions to one another and has at least one loop (10) situated outside the plane of emergence.



(FIG.1)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.: 00139/KOL/2005** **A**
(22) Date of filing of Application: 03/03/2005 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: METHOD OF DELIVERING LIQUID STERILANT TO A STERILIZER

(51)	**International classification**	**:**	B65B 35/28
(31)	**Priority Document No**	**:**	**10/793455**
(32)	**Priority Date**	**:**	**04/03/2004**
(33)	**Name of priority country**	**:**	USA
(86)	**International Application No and Filing Date**	**:**	**NA**
(87)	**International Publication No**	**:**	NA
(61)	**Patent of addition to Application No**	:	NA
	Filed on	**:**	NA
(62)	**Divisional to Application No**	:	NA
	Filed on	**:**	NA

(71) Name of Applicant: ETHICON, INC.

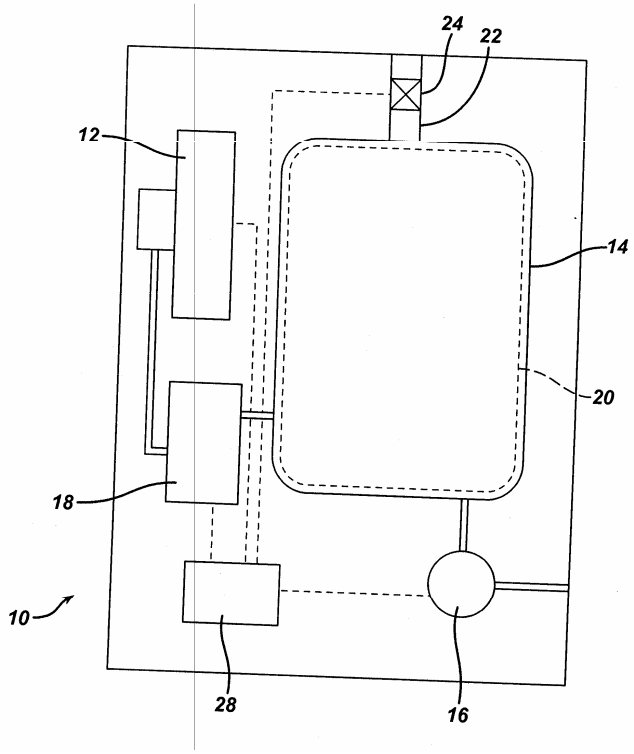
Address of the Applicant: U.S. ROUTE 22, SOMERVILLE, NJ 08876, UNITED STATES OF AMERICA

(72) Name of the Inventor: **ALFREDO M. CHOPERENA; TODD MORRISON**

Filed U/S 5(2) before The Patents (Amendment) **Act, 2005:** NO

(57) Abstract:

A method of delivering a liquid sterilant to a sterilizer involves piercing a cell of a cassette with a first needle having a first lumen, flowing a gas into the cell to pressurize the cell relative to a pressure within. the first lumen and drive the liquid sterilant out of the cell through he first lumen. The liquid sterilant travels from the lumen to a vaporizer in the sterilizer.



(FIG.1)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.: 00140/KOL/2005** **A**
(22) Date of filing of Application: 04/03/2005 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: AN EQUIPMENT FOR MEASUREMENT OF COKE REACTIVITY INDEX (CRI) AND COKE STRENGTH AFTER REACTION (CSR) VALUES OF COKE SAMPLE AND A METHOD THEREOF

(51)	**International classification**	**:**	G01N 19/00
(31)	**Priority Document No**	**:**	**Nil**
(32)	**Priority Date**	**:**	**nil**
(33)	**Name of priority country**	**:**	
(86)	**International Application No and Filing Date**	**:**	**NA**
(87)	**International Publication No**	**:**	NA
(61)	**Patent of addition to Application No**	:	NA
	Filed on	**:**	NA
(62)	**Divisional to Application No**	:	NA
	Filed on	**:**	NA

(71) Name of Applicant: STEEL AUTHORITY OF INDIA LIMITED

Address of the Applicant: RESEARCH & DEVELOPMENT CENTRE FOR IRON & STEEL, DORANDA, RANCHI 834002, STATE OF JHARKHAND, INDIA

(72) Name of the Inventor: **MUKHERJEE TANMOY KUMAR**

Filed U/S 5(2) before The Patents (Amendment) **Act, 2005:** NO

(57) Abstract:

This invention relates to an equipment for measurement of Coke reactivity Index (CR1) and Coke Strength after Reaction (CSR) values of coke sample comprising of a reaction vessel, a specially designed coke container cage, a gas pre-heater pipe for heating the gas quickly before entering the reaction zone, a gas distributor for uniform flow control of gas to avoid peripheral gas flow, a specially designed heating system with cage type groove on the refractory walls to facilitate less heat absorption by the refractory lining, a electronic flow controller / meter connected with a distributor for uniform and consistent flow during the entire period of reaction time, and a specially designed heating system / furnace.

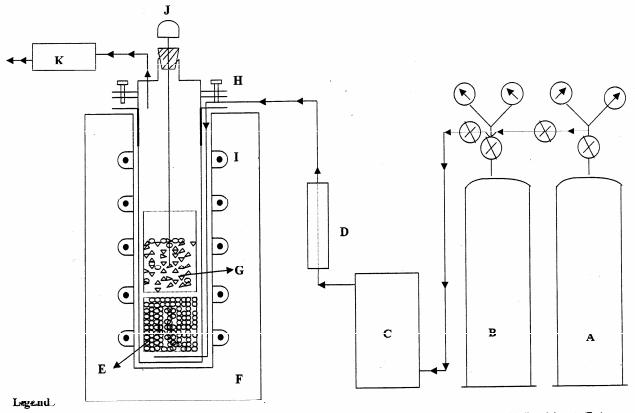


Fig. 1 : Schematic drawing of the equipment for measurement of CRI and CSR values of BF coke

(FIG.1)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.:** 00226/KOL/2005 **A**
(22) Date of filing of Application: 24/03/2005 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: VARIABLE LIFT AND DURATION DEVICE FOR POPPET VALVES

(51)	**International classification**	**:**	**F01L 13/00**
(31)	**Priority Document No**	**:**	**60/557,184** **11/034,649**
(32)	**Priority Date**	**:**	**29/03/2004** **13/01/2005**
(33)	**Name of priority country**	**:**	USA
(86)	**International Application No and Filing Date**	**:**	**NA**
(87)	**International Publication No**	**:**	NA
(61)	**Patent of addition to Application No**	:	NA
	Filed on	**:**	NA
(62)	**Divisional to Application No**	:	NA
	Filed on	**:**	NA

(71) Name of Applicant:
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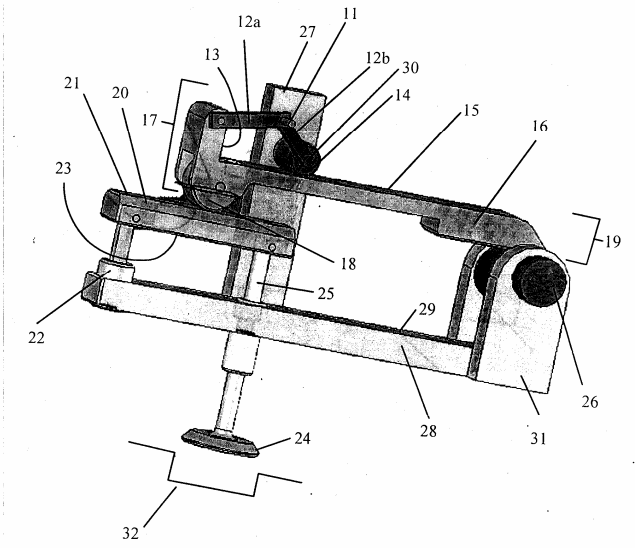
Address of the Applicant:
3850 HAMLIN ROAD, AUBURN HILLS, MI 48326, USA.

(72) Name of the Inventor:
DAVID B. ROTH

Filed U/S 5(2) before The Patents (Amendment) **Act, 2005:** NO

(57) Abstract:

A device having a first and second rocker arm, and a control linkage. The first rocker arm has a first end receiving a first roller and a second end riding on a camshaft lobe. A second roller travels along an upper surface of the first rocker arm. The upper surface of the second rocker arm receives the first roller. When the control linkage is in a first position, the first rocker arm and roller slides along the upper surface of the second rocker arm towards the first end of the rocker arm, such that the valve head has maximum duration and lift from the valve seat. When the control linkage is in a second position, the first roller slides along the upper surface of the second rocker arm towards the second end of the rocker arm such that the valve head has minimum duration and lift from the valve seat.



(FIG.1).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.: 00301/KOL/2005** **A**
(22) Date of filing of Application: 11/04/2005 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: BATTERY PACK AND ELECTRONIC EQUIPMENT USING THE SAME

(51)	**International classification**	**:**	**H01M 2/02**
(31)	**Priority Document No**	**:**	**2004-342704**
(32)	**Priority Date**	**:**	**26/11/2004**
(33)	**Name of priority country**	**:**	JAPAN
(86)	**International Application No and Filing Date**	**:**	
(87)	**International Publication No**	**:**	
(61)	**Patent of addition to Application No Filed on**	: **:**	
(62)	**Divisional to Application No Filed on**	: **:**	nil

(71) Name of Applicant:
SONY COMPUTER ENTERTAINMENT INC.
Address of the Applicant:
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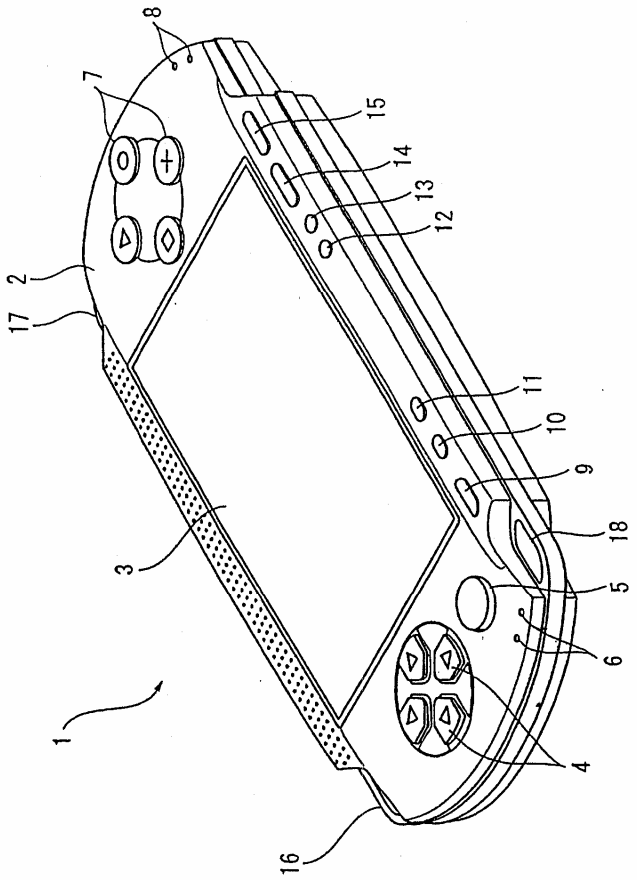
(72) Name of the Inventor:
ISHIHARA HAJIME; MIYAZAKI SHUUICHI; OSHIMI SEIJI

Filed U/S 5(2) before The Patents (Amendment) **Act, 2005:** NO

(57) Abstract:

The present invention provides a battery pack which is capable of enhancing a short-circuit prevention effect, and electronic equipment using this battery pack. The battery pack 31 has a battery built in the case 32 and an output terminal 47 which is electrically connected to the battery and provided in such a manner as directed towards the outside of the case 32. The battery pack 31 has an output section 34 that is provided in orthogonal to a virtual plane including a mount reference plane for the electronic equipment (under surface 33E) of the case 32, with a space between the virtual plane and the output section 34. The output section 34 is provided with an output terminal 47.



(FIG.1)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.: 00304/KOL/2005** **A**
(22) Date of filing of Application: 12/04/2005 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: SYSTEM AND METHOD OF PROVIDING HYDRAULIC PRESSURE FOR MECHANICAL WORK FROM AN ENGINE LUBRICATING SYSTEM

(51)	**International classification**	:	**F16D 31/02**
(31)	**Priority Document No**	:	**10/826104; 11/091567**
(32)	**Priority Date**	:	**16/04/2004; 28/03/2005**
(33)	**Name of priority country**	:	USA
(86)	**International Application No and Filing Date**	: :	
(87)	**International Publication No**	:	
(61)	**Patent of addition to Application No Filed on**	: :	
(62)	**Divisional to Application No Filed on**	: :	

(71) Name of Applicant:
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Address of the Applicant:
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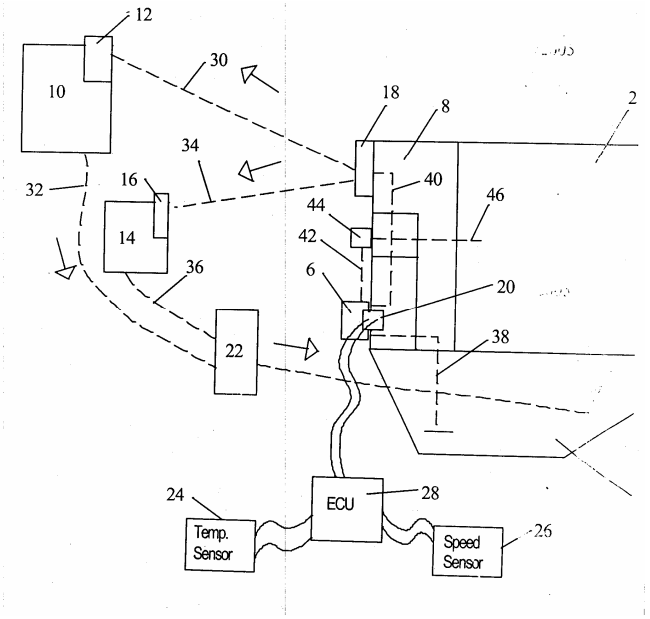
(72) Name of the Inventor:
DAVID B. ROTH

Filed U/S 5(2) before The Patents (Amendment) **Act, 2005:** NO

(57) Abstract:

The method provides hydraulic pressure for mechanical work from an engine lubricating system in an internal combustion engine by supplying oil to an engine lubrication gallery for lubricating the engine and to at least one variable oil demand accessory. Each of the variable oil demand accessories has an individual pressure regulator. The output of the variable displacement pump is regulated based on the sum of fluid flow required by the engine lubricating system and the engine accessories, regardless of the engine output. The demand for fluid is determined by the individual pressure regulators on each of the engine accessories. In a preferred embodiment, an accumulator stores high-pressure fluid to be used to power the hydraulic accessories.



(FIG.1)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.: 00323/KOL/2005** **A**
(22) Date of filing of Application: 18/04/2005 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: APPARATUS FOR EXTRACTING BODILY FLUID

(51)	**International classification**	**:**	**A61B 17/14**
(31)	**Priority Document No**	**:**	**10/825899**
(32)	**Priority Date**	**:**	**16/04/2004**
(33)	**Name of priority country**	**:**	USA
(86)	**International Application No and Filing Date**	**:**	
(87)	**International Publication No**	**:**	
(61)	**Patent of addition to Application No Filed on**	**:**	
(62)	**Divisional to Application No Filed on**	**:**	

(71) Name of Applicant:
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Address of the Applicant:
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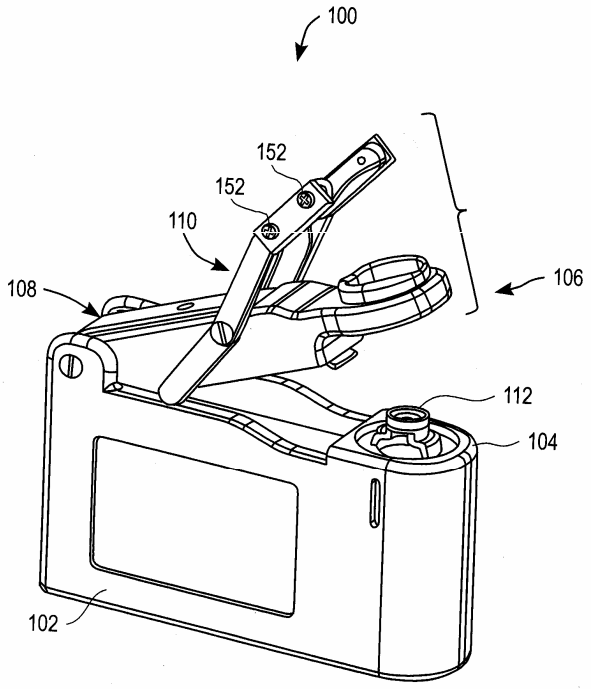
(72) Name of the Inventor:
JOHN J. ALLEN; ADOLFO MENENDEZ

Filed U/S 5(2) before The Patents (Amendment) **Act, 2005:** NO

(57) Abstract:

An apparatus for extracting bodily fluid (e.g., whole blood) from a user's finger includes a housing with a lancing mechanism and a clamping mechanism attached to thereto. The clamping mechanism includes a lower arm assembly and an upper arm assembly. The upper and lower arm assemblies are operatively connected such that when a user's finger applies a user force to the lower arm assembly and displaces the lower arm assembly from a first to a second position, the upper and lower arm assemblies cooperate to engage the user's finger with a compressive force that is greater than the user force. In addition, the lancing mechanism is configured to lance a target site on the user's finger while the upper and lower arm assemblies are cooperating to engage the user's finger. Thereafter, the compressive force serves to extract a bodily fluid sample from the lanced target site.



(FIG.1)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.: 00324/KOL/2005** **A**
(22) Date of filing of Application: 18/04/2005 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: METHOD FOR LANCING A DERMAL TISSUE TARGET SITE

(51)	**International classification**	**:**	**A61B 17/32**
(31)	**Priority Document No**	**:**	**10/825899; 11/045542; 11/045544**
(32)	**Priority Date**	**:**	**16/04/2004; 28/01/2005; 28/01/2005**
(33)	**Name of priority country**	**:**	USA
(86)	**International Application No and Filing Date**	**:** :	
(87)	**International Publication No**	**:**	
(61)	**Patent of addition to Application No Filed on**	: **:**	
(62)	**Divisional to Application No Filed on**	: **:**	

(71) Name of Applicant:
LIFESCAN INC.
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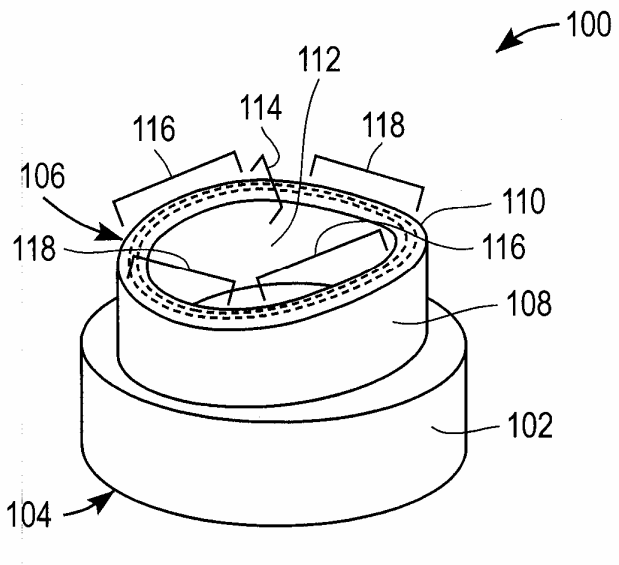
1000 GIBRALTAR DRIVE, MILPITAS, CALIFORNIA 95035, CALIFORNIA CORPORATION, UNITED STATES OF AMERICA

(72) Name of the Inventor:
JOHN J. ALLEN; ADOLFO MENENDEZ

Filed U/S 5(2) before The Patents (Amendment) **Act, 2005:** NO

(57) Abstract:

A method for lancing a dermal tissue target site includes providing a dermal tissue-lancing device with a housing, a lancet that is moveable with respect to the housing, and a cap. The cap has an opening there through for a portion of a lancet to pass through and a continuous saddle-contoured compression surface. The continuous saddle-contoured compression surface is configured for engaging a dermal tissue target site such that, when the cap contacts and is urged towards the dermal tissue target site, the continuous saddle-contoured compression surface applies substantia1ly uniform pressure against the dermal tissue target site. The method also includes contacting the cap with the dermal tissue target site such that the continuous saddle-contoured compression surface completely engages the target site, urging the cap towards the dermal tissue such that the Continuous saddle-contoured compression surface. Applies essentially uniform pressure against the dermal tissue, thereby creating a target site bulge, and lancing the target site bulge.



(FIG.1)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.: 00326/KOL/2005** **A**
(22) Date of filing of Application: 18/04/2005 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: METHOD FOR LANCING A DERMAL TISSUE TARGET SITE EMPLOYING A DERMAL TISSUE LANCING DEVICE WITH A TILTABLE CAP

(51)	**International classification**	**:**	**A61B 17/32**
(31)	**Priority Document No**	**:**	**10/825899; 11/066936; 11/066937**
(32)	**Priority Date**	**:**	**16/04/2004; 25/02/2005; 25/02/2005**
(33)	**Name of priority country**	**:**	USA
(86)	**International Application No and Filing Date**	**:** :	
(87)	**International Publication No**	**:**	
(61)	**Patent of addition to Application No Filed on**	: **:**	
(62)	**Divisional to Application No Filed on**	: **:**	

(71) Name of Applicant:
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Address of the Applicant:
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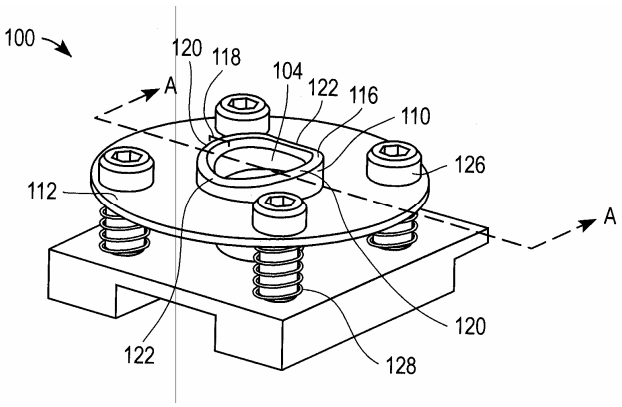
(72) Name of the Inventor:
JOHN J. ALLEN; STEVEN G. ROCKOW; ADOLFO MENENDEZ

Filed U/S 5(2) before The Patents (Amendment) **Act, 2005:** NO

(57) Abstract:

A method for lancing a dermal tissue target site includes providing a dermal tissue lancing device with a h using, a lancet that is moveable with respect to the housing, and a cap. The cap includes a cap body with an opening there through for the lancet to pass through, a proximal end, and a dist I end. The cap also includes an attachment mechanism for tiltably attaching the cap body t the dermal tissue lancing device. The attachment mechanism enables the cap body to be free tilt relative to the housing of the dermal tissue lancing device when the distal end of the cap body is urged against a dermal tissue target site. The method also includes contacting and engaging the distal end of the cap body with a dermal tissue target site such that the cap body tits, urging the cap body towards the dermal tissue target site such that the cap body applies essentially uniform pressure against the dermal tissue target site to create a target site bulge, and 1 lancing the target site bulge.

(FIG.1)



(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.: 00364/KOL/2005 A**
(22) Date of filing of Application: 28/04/2005 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: ACTUATION SYSTEM FOR A BODILY FLUID EXTRACTION DEVICE AND ASSOCIATED METHODS

(51)	**International classification**	**:**	**A61F 2/01**
(31)	**Priority Document No**	**:**	**10/837479**
(32)	**Priority Date**	**:**	**29/04/2004**
(33)	**Name of priority country**	**:**	USA
(86)	**International Application No and Filing Date**	**:** :	
(87)	**International Publication No**	**:**	
(61)	**Patent of addition to Application No**	:	
	Filed on	**:**	
(62)	**Divisional to Application No**	:	
	Filed on	**:**	

(71) Name of Applicant:
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Address of the Applicant:
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(72) Name of the Inventor:
RICHARD DAY; MANUEL ALVAREZ-ICAZA; SIMON PALMER

Filed U/S 5(2) before The Patents (Amendment) **Act, 2005:** NO

(57) Abstract:

An actuation system for a bodily fluid extraction device includes a detector cap, at least one vibration sensor connected to the detector cap, and at least one signal processing unit in communication with the vibration sensor. In addition , the signal processing unit is configured to receive an output signal from the vibration sensor, analyse the received output signal, and to send an actuation signal to the bodily fluid extraction device based on the analysis of the received output signal.

(FIG.nil)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.: 00434/KOL/2005** **A**
(22) Date of filing of Application: 24/05/2005 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: UNIT UTILZING CURRENT TO CONTROL RECIPROCATION FOR PUSHING FLUIDS

(51)	**International classification**	**:**	**F04B 1/28**
(31)	**Priority Document No**	**:**	**Nil**
(32)	**Priority Date**	**:**	**nil**
(33)	**Name of priority country**	**:**	nil
(86)	**International Application No and Filing Date**	**:**	**nil**
(87)	**International Publication No**	**:**	na
(61)	**Patent of addition to Application No Filed on**	:	na
(62)	**Divisional to Application No Filed on**	:	nil

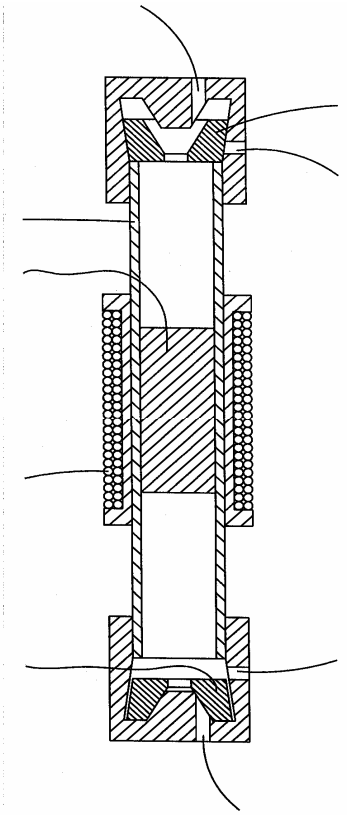
(71) Name of Applicant:
LIU MING-HWA; CHEN BRIAN D.F. AND CHANG CHENG PAUG
Address of the Applicant:
NO.117, CHUNG CHUN ROAD, PEI TOU CHEN, CHANG HUA HSIEN, TAIWAN, REPUBLIC OF CHINA; NO.205, LI DER STREET, EAST DISTRICT, TAICHUNG, TAIWAN, REPUBLIC OF CHINA AND NO.36-2, TING YUAN LIN, TA LIN CHEN, CHIA YIH HSIEN, TAIWAN, REPUBLIC OF CHINA

(72) Name of the Inventor:
LIU MING-HWA; CHEN BRIAN D.F. AND CHANG CHENG PAUG

Filed U/S 5(2) before The Patents (Amendment) **Act, 2005:** NO

(57) Abstract:

A unit utilizing current to control reciprocation for pushing fluids, including a chamber, a magnet, a coil connected with a circuit, a first inlet, a first outlet, a second inlet, a second outlet, a first valve and a second valve. The magnet is slidably disposed in the chamber. The coil is disposed around the chamber for driving the magnet to reciprocally move. The first inlet and first outlet are disposed at one end of the chamber. The second inlet and second outlet are disposed at the other end of the chamber. The first valve is disposed between the first inlet, the first outlet and the chamber. The second valve is disposed between the second inlet, the second outlet and the chamber. The magnet can drive the first and second valves to suck a fluid into the first and second inlets and push a fluid out of the first and second outlets.



(FIG.1)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.: 00435/KOL/2005** **A**
(22) Date of filing of Application: 24/05/2005 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: OIL MIST COLLECTOR

(51)	**International classification**	**:**	**B01D 45/14**
(31)	**Priority Document No**	**:**	**NIL**
(32)	**Priority Date**	**:**	
(33)	**Name of priority country**	**:**	
(86)	**International Application No and Filing Date**	**:**	
(87)	**International Publication No**	**:**	
(61)	**Patent of addition to Application No Filed on**	**:**	
(62)	**Divisional to Application No Filed on**	**:**	

(71) Name of Applicant:
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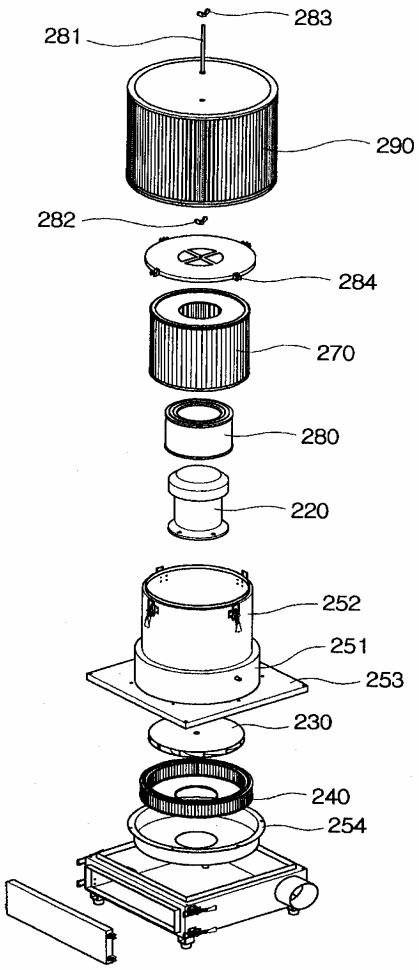
(72) Name of the Inventor:
CHO BOO-PYUNG

Filed U/S 5(2) before The Patents (Amendment) **Act, 2005:** NO

(57) Abstract:

Air including oil mist is sucked by an impeller and collides against a collision plate to primarily separate the oil. A centrifugal force is applied to the primarily separated air including oil to make oil condensed on a strainer so that oil is separated in multiple steps. An oil mist collector for filtering air by separating oil mist from the air includes the impeller which is driven by a motor to discharge sucked air in a radial direction and the collision plate which is installed close to an outer circumference of the impeller and primarily separates the oil from the air as the air discharged by the impeller collides against the collision plate.

FIG. 4



(FIG.1)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.: 00450/KOL/2005** **A**
(22) Date of filing of Application: 27/05/2005 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: HANDHELD COMPUTING DEVICE WITH POWER-SAVING NOTIFICATION

(51)	**International classification**	**:**	**G06F 1/26**
(31)	**Priority Document No**	**:**	**04253288.7**
(32)	**Priority Date**	**:**	**02/06/2004**
(33)	**Name of priority country**	**:**	EUROPE
(86)	**International Application No and Filing Date**	**:**	
(87)	**International Publication No**	**:**	
(61)	**Patent of addition to Application No Filed on**	**:**	
(62)	**Divisional to Application No Filed on**	**:**	

(71) Name of Applicant:
RESEARCH IN MOTION LIMITED
Address of the Applicant:
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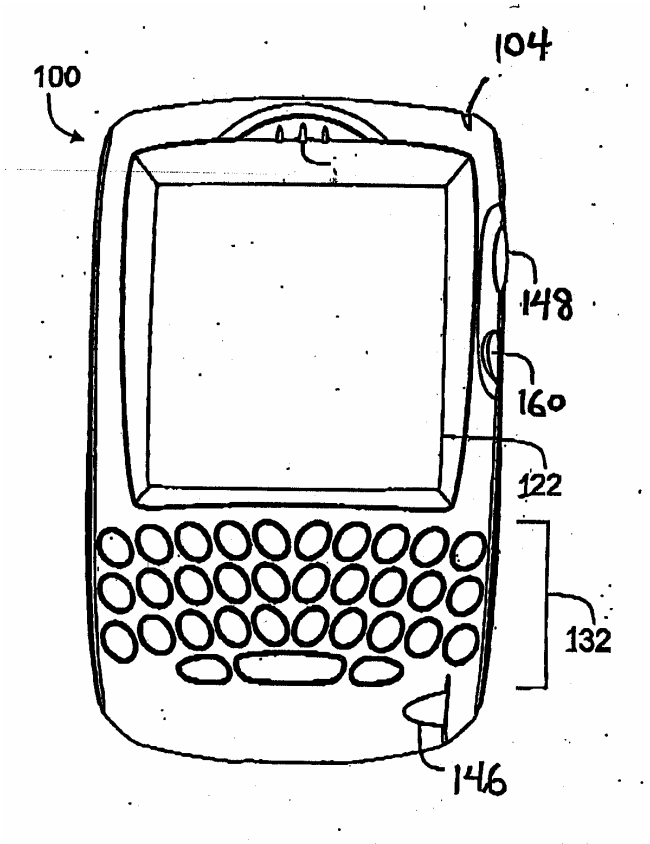
(72) Name of the Inventor:
DRADER MARC A.; MAK-FAN DAVID JAMES; VESELIC DUSAN

Filed U/S 5(2) before The Patents (Amendment) **Act, 2005:** NO

(57) Abstract:

A handheld computing device includes a notification lamp, a melody circuit coupled to the notification lamp for providing a first type notification, an electronic switch coupledto the notification lamp for providing a second type notification, and a notification controller coupled to the melody circuit and the electronic switch. The notification controller is configured with a plurality of notification modes, each notification mode comprising a disabled one of the notification types.



(FIG.1)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.: 00463/KOL/2005** **A**
(22) Date of filing of Application: 01/06/2005 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: A SURGICALLY IMPLANTABLE INJECTION PORT HAVING AN IMPROVED FASTENER

(51)	**International classification**	**:**	**A61M 037/00**
(31)	**Priority Document No**	**:**	**10/858614**
(32)	**Priority Date**	**:**	**01/06/2004**
(33)	**Name of priority country**	**:**	USA
(86)	**International Application No and Filing Date**	**:**	
(87)	**International Publication No**	**:**	
(61)	**Patent of addition to Application No Filed on**	**:**	
(62)	**Divisional to Application No Filed on**	**:**	

(71) Name of Applicant:
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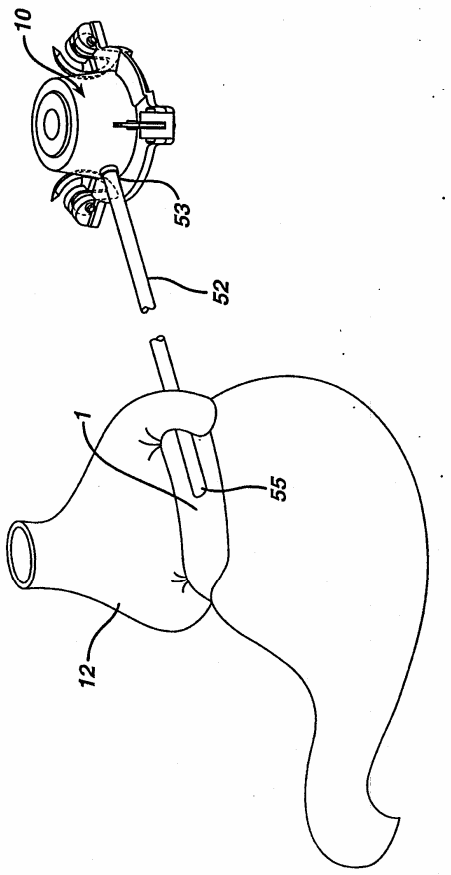
Address of the Applicant:
4545 CREEK ROAD, CINCINNATI, OH-45242, OHIO, UNITED STATES OF AMERICA

(72) Name of the Inventor:
SEAN P. COMLON; JOSHUA R. UTH; HOW-LUN CHEN

Filed U/S 5(2) before The Patents (Amendment) **Act, 2005:** NO

(57) Abstract:

An implantable surgical injection port having an undeployed position, and a deployed position wherein it is attached to tissue. The port includes a housing having a c1osed distal end, a open proximal end and a fluid reservoir therebetween. The port further includes a needle penetrable septum attached to the housing about the opening. The port even further includes at least one attachment mechanism mounted to the housing at a pivot point along an outer periphery of the housing. The attachment mechanism is an arcuate hook pivotable with respect to the housing, wherein the arcuate hook having a length extending substantial greater than 900 about the pivot point.



(FIG.1)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.: 00467/KOL/2005** **A**
(22) Date of filing of Application: 02/06/2005 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: DEVICE FOR THE EMBOSSING AND SATINING OF FLAT MATERIALS

(51)	**International classification**	**:**	**B31F 001/07**
(31)	**Priority Document No**	**:**	**04 405 388.2**
(32)	**Priority Date**	**:**	**22/06/2004**
(33)	**Name of priority country**	**:**	EUROPE
(86)	**International Application No and Filing Date**	**:**	
(87)	**International Publication No**	**:**	
(61)	**Patent of addition to Application No Filed on**	: **:**	
(62)	**Divisional to Application No Filed on**	: **:**	

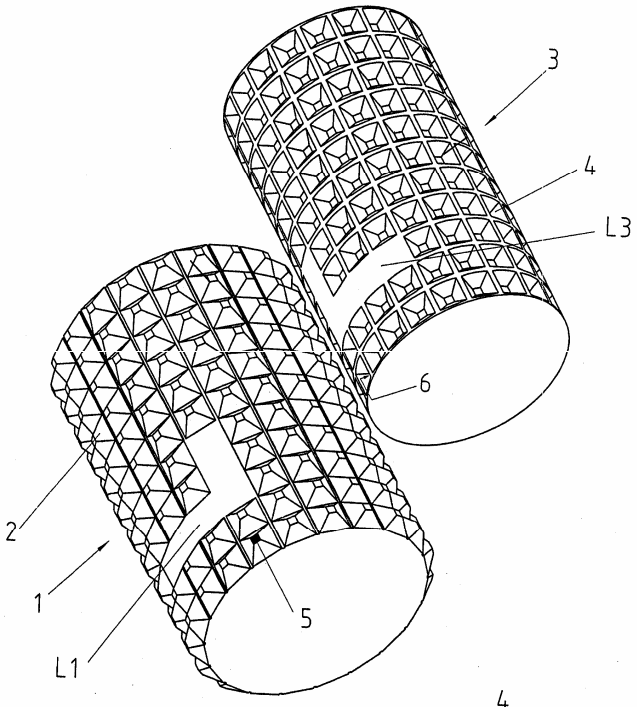
(71) Name of Applicant:
BOEGLI-GRAVURES S.A.
Address of the Applicant:
RUE DE LA GARE 24-26, CH-2074 MARIN, SWITZERLAND

(72) Name of the Inventor:
BOEGLI CHARLES

Filed U/S 5(2) before The Patents (Amendment) **Act, 2005:** NO

(57) Abstract:

The device for the satining and embossing of inner liners for tobacco, food and pharmaceutical products, comprises a roll (18) with a pin up configuration of the teeth (2) arid a roll (19) with a pin down configuration of corresponding recesses (4). In difference to the prior art, at only one of the rolls the part corresponding to the logo has been worked on to form the logo, whereas the recesses, respectively the teeth, on the other roll have not been altered in their shape. This allows a lower cost production of the rolls since no matching pairs of rolls have to be produced and exchanged for wear or changing logo.



(FIG.1)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.: 00469/KOL/2005 A**
(22) Date of filing of Application: 02/06/2005 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: AN APPARATUS AND A METHOD FOR SATIN-FINISHING AND EMBOSSING FLAT MATERIAL

(51)	**International classification**	**:**	**B31F 00/007**
(31)	**Priority Document No**	**:**	**01042/04**
(32)	**Priority Date**	**:**	**22/06/2004**
(33)	**Name of priority country**	**:**	SWITZERLAND
(86)	**International Application No and Filing Date**	**:**	
(87)	**International Publication No**	**:**	
(61)	**Patent of addition to Application No Filed on**	**:**	
(62)	**Divisional to Application No Filed on**	**:**	

(71) Name of Applicant:
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Address of the Applicant:
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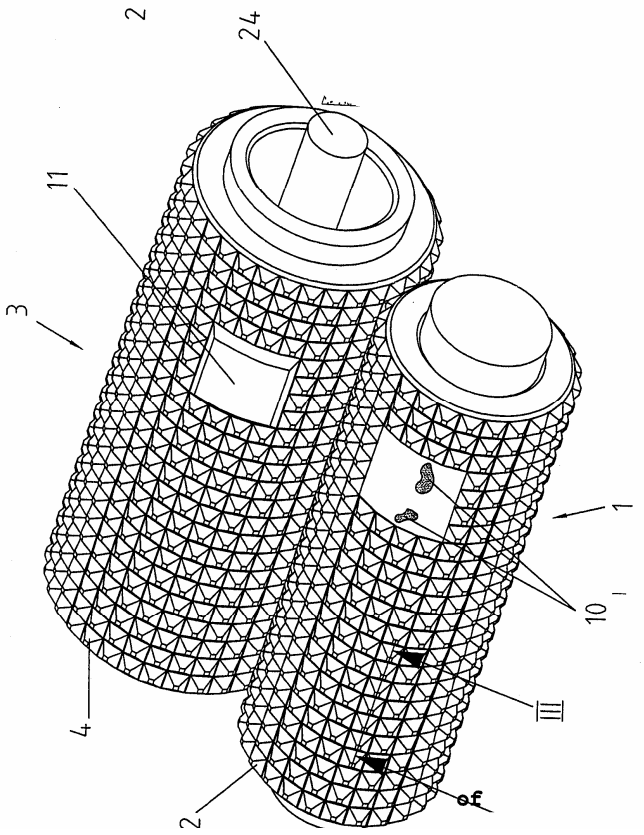
(72) Name of the Inventor:
BOEGLI CHARLES

Filed U/S 5(2) before The Patents (Amendment) **Act, 2005:** NO

(57) Abstract:

The apparatus for satin-finishing and embossing flat material comprises a first toothed roller (1) and at least a second toothed roller (3), with the rollers being disposed in such a way that a tooth (4) each of a roller engages between four teeth (2) of the other roller. One of the rollers (1) comprises at least a microstructure (10) and the other roller (3) is provided at the respective place with a counter-pressure surface (11). The microstructure (10) is applied to a hard surface layer (6) which is applied via an intermediate layer (7) to the roller surface (5). The method is especially advantageous if a film (19) with a thermoplastic intermediate layer (21) is used. Such an apparatus allows embossing logos with microstructures at all desired locations of the rollers, thus offering a high amount of security against falsification and a large variety of design features.



(FIG.1)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.: 00472/KOL/2005** **A**
(22) Date of filing of Application: 03/06/2005 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: IMMEDIATE RELEASE DOSAGE FORM COMPRISING SHELL HAVING OPENINGS THEREIN

(51)	**International classification**	**:**	**A61K 5/00**
(31)	**Priority Document No**	**:**	**10/860972**
(32)	**Priority Date**	**:**	**04/06/2004**
(33)	**Name of priority country**	**:**	USA
(86)	**International Application No and Filing Date**	**:**	
(87)	**International Publication No**	**:**	
(61)	**Patent of addition to Application No Filed on**	: **:**	
(62)	**Divisional to Application No Filed on**	: **:**	

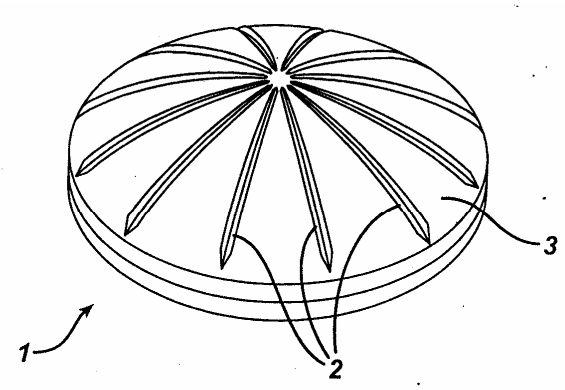
(71) Name of Applicant:
MCNEIL-PPC, INC.
Address of the Applicant:
199 GRANDVIEW ROAD, SKILLMAN, NJ 08558, UNITED STATES OF AMERICA

(72) Name of the Inventor:
HARRY S. SOWDEN; GERARD P. MCNALLY

Filed U/S 5(2) before The Patents (Amendment) **Act, 2005:** NO

(57) Abstract:

The invention provides an immediate release dosage form having a solid core and a shell readily soluble in gastrointestinal fluids. The dosage form also comprises one or more openings in the shell.



(FIG.1)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.: 00484/KOL/2005** **A**
(22) Date of filing of Application: 07/06/2005 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: HYDRAULIC MOTOR WITH TELESCOPIC PROPULSION MEMBERS RETAINED SEALINGLY AGAINST ASSOCIATED CONTACT SURFACES BY INTERNAL RESILIENT MEANS

(51)	**International classification**	**:**	**B63H 021/165**
(31)	**Priority Document No**	**:**	**MI2004A 001219**
(32)	**Priority Date**	**:**	**16/06/2004**
(33)	**Name of priority country**	**:**	ITALY
(86)	**International Application No and Filing Date**	**:**	
(87)	**International Publication No**	**:**	
(61)	**Patent of addition to Application No Filed on**	: **:**	
(62)	**Divisional to Application No Filed on**	: **:**	

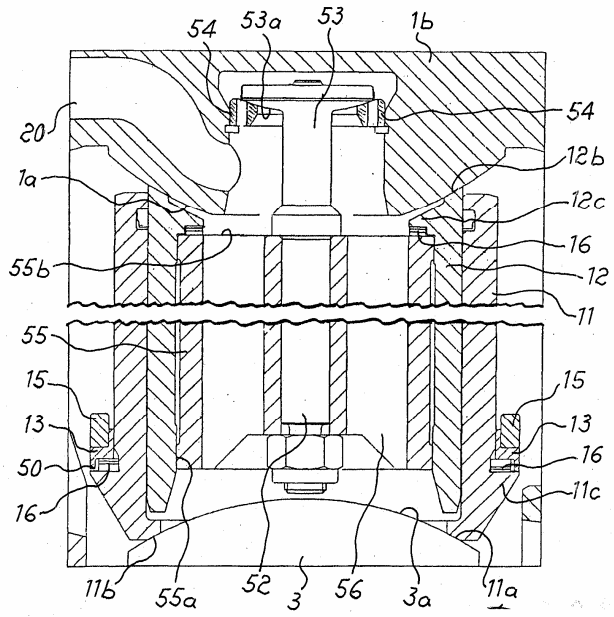
(71) Name of Applicant:
PARKER CALZONI S.R.L.
Address of the Applicant:
VIA CADUTI DI SABBIUNO, 15/17 ANZOLA DELL'EMILA (BO), ITALY

(72) Name of the Inventor:
DE LEONARDIS LORIS

Filed U/S 5(2) before The Patents (Amendment) **Act, 2005:** NO

(57) Abstract:

Hydraulic motor with propulsion members (10) positioned between a cam (3) associated with a shaft (2) and a reaction element (lb), said propulsion members (10) consisting of two elements (11,12), i.e. an internal element (12) and external element (11), telescopically slidable with respect to each other in a radial direction and respectively provided with annular bearing edges (lla,12a) kept pressed against corresponding contact surfaces (3a,la) of said cam (3) and said reaction element (lb) via respective resilient means (16), the resilient means associated with the external element (11) of the propulsion member being arranged outside the said element, characterized in that the resilient means (16) associated with the internal element (12) are arranged inside the propulsion member (10) and positioned in the radial direction between said internal element (12) and associated means (52,55) for mechanically retaining them.



(FIG.2)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.: 00485/KOL/2005** **A**
(22) Date of filing of Application: 08/06/2005 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: PROCESS FOR PREPARING ATORVASTATIN INTERMEDIATE

(51)	**International classification**	**:**	**A61K 031/40, 031/35; C07D 207/327**	
(31)	**Priority Document No**	**:**	**Nil**	
(32)	**Priority Date**	**:**	**Nil**	
(33)	**Name of priority country**	**:**	Nil	
(86)	**International Application No and Filing Date**	**:** :		
(87)	**International Publication No**	**:**		
(61)	**Patent of addition to Application No Filed on**	: **:**	nil	
(62)	**Divisional to Application No Filed on**	: **:**		

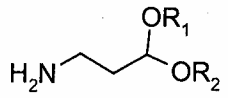
(71) Name of Applicant:
LUPIN LIMITED
Address of the Applicant:
159, CST ROAD, KALINA, SANTACRUZ (EAST), MUMBAI 400098, MAHARASHTRA, INDIA

(72) Name of the Inventor:
BHANU MANJUNATH NARAYAN; VEKARIYA NAGAJI AMBABHAI; MAHAKAL KUMODINI KASHINATH

Filed U/S 5(2) before The Patents (Amendment) **Act, 2005:** NO

(57) Abstract:

A novel process for the preparation of the intermediate compound of the formula (III)



(III)

which is a useful starting material for the preparation of Atorvastatin intermediate (I). Particular example of the compound synthesized according to the process of present invention and capable of being produced by the above mentioned process include 2- [1 ,3jdioxolan-2-yl-ethylamine The invention further provides an alternate process for the preparation of the aldehyde intermediate (I) without the intermediacy of the acetal intermediate (Ill)

(FIG. nil)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA (21) Application No.: 507/KOL/ 2005 A
(22) Date of filing of Application: 14/06/2005 (43) Publication Date: 26/01/2007

(54) Title of the invention: ENDOSCOPIC CLIP APPLIER ACTUATOR

(51)	International classification	:	A61B17/00
(31)	Priority Document No	:	10/867,497
(32)	Priority Date	:	14/06/2004
(33)	Name of priority country	:	U.S.A
(86)	International Application No and Filing Date	:	
(87)	International Publication No	:	
(61)	Patent of addition to Application No	:	NIL
	Filed on	:	N.A.
(62)	Divisional to Application No	:	NIL
	Filed on	:	N.A.

(71) Name of Applicant: ETHICON ENDO-SURGERY, INC.,

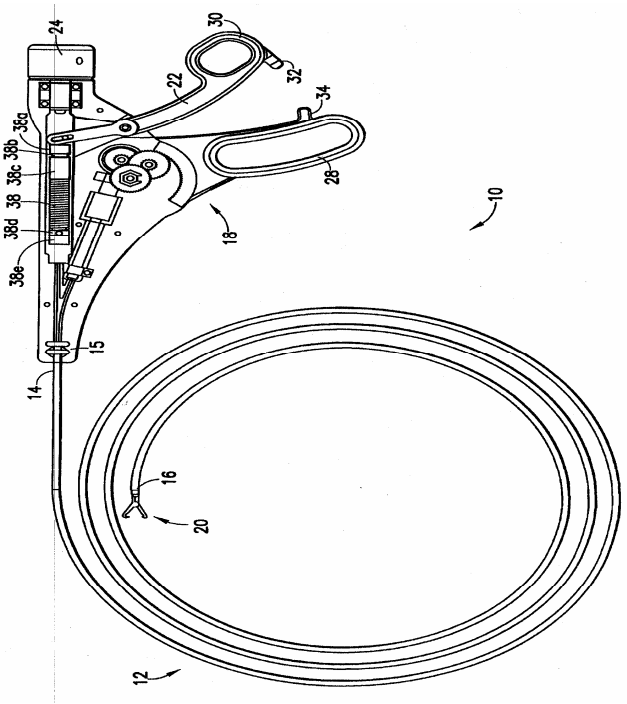
Address of the Applicant: 4545 CREEK ROAD, CINCINNATI, OH-45242, OHIO, U.S.A.

(72) Name of the Inventor:
1. KEVIN W. SMITH
JEFFREY DAVID MESSERLY
BARRY THOMAS JAMISON
PETER K. KRATSCH
CARLOS RIVERA
JOSE LUIS FRANCES E
KRISTIN NICOLE WERNER DAWSON
CHESTER O. BAXTER , III
JUERGEN A. KORTENBACH

Filed U/S 5(2) before The Patents (Amendment) **Act, 2005: NO**

(57) Abstract:

A flexible endoscopic clip applier includes a flexible coil with a manual actuator coupled to one end and a jaw assembly coupled to the other end. A store of clips is arranged adjacent to the jaw assembly and a clip pusher is arranged adjacent to the store of clips. The actuator includes a lever for opening and closing the jaws, a knob for rotating the jaw assembly, and a crank for dispensing clips. The knob and the lever are coupled to a single control member that extends through the coil to a joiner where it is joined to a pair of pull wires coupled to the jaws. The crank is coupled to a second control member that is threaded along a distal portion. The threaded portion engages a threaded member near the pusher and is coupled to the pusher such that rotation of the threaded control member by the crank causes the pusher to be moved distally.



(FI - 1)

(12) **PATENT A3PPLICATION PUBLICATION**
(19) **INDIA** (21) **Application No.: 00528/KOL/2005** **A**
(22) **Date of filing of Application: 17/06/2005** (43) **Publication Date: 26/01/2007**

(54) **Title of the invention:** METHOD AND APPARATUS FOR MANAGING PACKET DATA LOSS IN A WIRELESS NETWORK

(51)	**International classification**	:	**H04L 12/00**
(31)	**Priority Document No**	:	**60/585608; 11/141922**
(32)	**Priority Date**	:	**06/07/2004; 01/06/2005**
(33)	**Name of priority country**	:	USA
(86)	**International Application No and Filing Date**	:	**N.A.**
(87)	**International Publication No**	:	
(61)	**Patent of addition to Application No**	:	
	Filed on	:	
(62)	**Divisional to Application No**	:	
	Filed on	:	

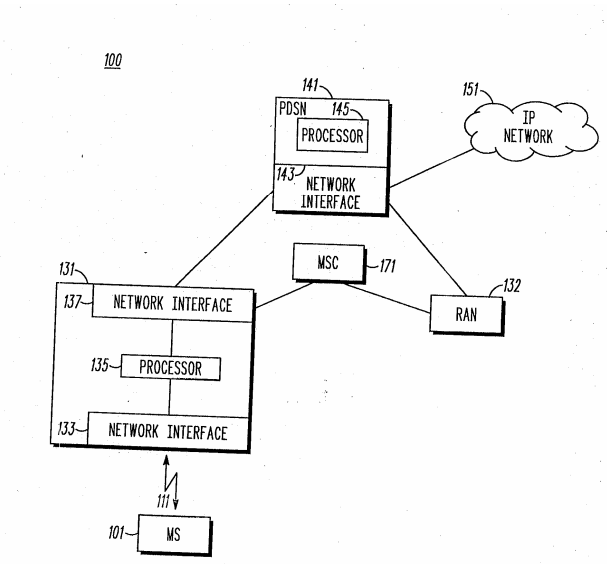
(71) **Name of Applicant:**
MOTOROLA, INC.
Address of the Applicant:
1303 EAST ALGONQUIN ROAD, SCHAUMBURG, ILLINOIS 60196, UNITED STATES OF AMERICA

(72) Name of the Inventor:
SAYEEDI SHAHAB M.; FARCASANU ANDA M.

Filed U/S 5(2) before The Patents (Amendment) **Act, 2005:** NO

(57) Abstract:

Various embodiments are described to address the need for more effective management of packet data loss in wireless communication systems. When a packet data destination (131) that is receiving a flow of packets for a packet data service instance indicates to the packet data source (141) of the flow that the flow should be suspended, it also indicates to the source how to process packets for the service instance while the flow transmission is suspended. For example, the packet data destination may indicate an event or condition that is triggering the flow suspension, the source can then begin buffering packets, discarding packets, starting timers, and/or taking other packet processing actions to manage packet data loss in view of the packet data destination's indication. Alternatively, the packet data Destination may explicitly indicate the packet processing actions the source should take while the packet flow is suspended.



(FIG.1)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.: 00530/KOL/2005** **A**
(22) Date of filing of Application: 20/06/2005 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: METHOD OF DOWNLOADING CONTENTS AND SYSTEM THEREOF

(51)	**International classification**	**:**	**G06F 15/16**
(31)	**Priority Document No**	**:**	**1020040046033**
(32)	**Priority Date**	**:**	**21/06/2004**
(33)	**Name of priority country**	**:**	KOREA
(86)	**International Application No and Filing Date**	**:**	
(87)	**International Publication No**	**:**	
(61)	**Patent of addition to Application No Filed on**	**:**	
(62)	**Divisional to Application No Filed on**	**:**	

(71) Name of Applicant:
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Address of the Applicant:
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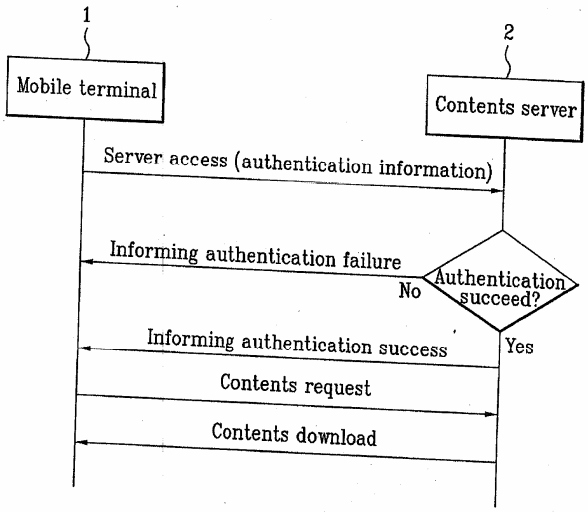
(72) Name of the Inventor:
JANG HYUN SEOK

Filed U/S 5(2) before The Patents (Amendment) **Act, 2005:** NO

(57) Abstract:

A method of downloading content from a server to a mobile communication network and system thereof are disclosed. In particular, a method of downloading multimedia content from a server to a user equipment and a system for performing the method are disclosed. The method protects the copyright of multimedia content provided via the Internet, and prevents multimedia content from being downloaded without permission or validity.



(FIG.1)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.: 00546/KOL/2005 A**
(22) Date of filing of Application: 23/06/2005 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: LOW FREQUENCY TRANSCUTANEOUS ENERGY TRANSFER (TET) TO IMPLANTED MEDICAL DEVICE

(51)	**International classification**	**:**	**A61N1**
(31)	**Priority Document No**	**:**	**10/876307**
(32)	**Priority Date**	**:**	**24/06/2004**
(33)	**Name of priority country**	**:**	U.S.A.
(86)	**International Application No and Filing Date**	**:**	
(87)	**International Publication No**	**:**	
(61)	**Patent of addition to Application No Filed on**	: **:**	
(62)	**Divisional to Application No Filed on**	: **:**	

(71) Name of Applicant:
ETHICON ENDO-SURGERY, INC.
Address of the Applicant:
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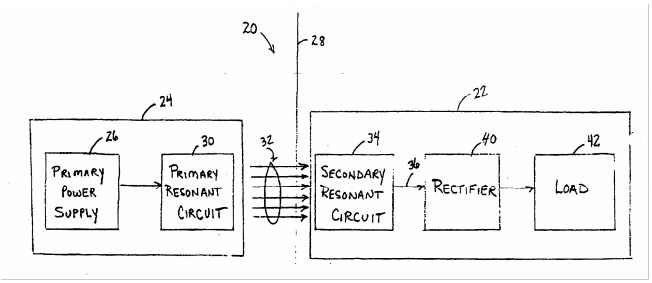
(72) Name of the Inventor:
WILLIAM L. HASSLER, JR.; DANIEL F DLUGOS

Filed U/S 5(2) before The Patents (Amendment) **Act, 2005:** NO

(57) Abstract:

An implantable medical device system advantageously utilizes low frequency (e.g., about 1 — 100 kHz) transcutaneous energy transfer (TET) for supplying power from an external control module to an implantable medical device, avoiding power dissipation through eddy currents in a metallic case of an implant and/or in human tissue, thereby enabling smaller implants using a metallic case such as titanium and/or allowing TET signals of greater strength thereby allowin placement more deeply within a patient without excessive power transfer inefficiencies.



(FIG.1)

(12) **PATENT APPLICATION PUBLICATION**
(19) **INDIA** (21) **Application No.: 576/KOL/ 2005** **A**
(22) **Date of filing of Application: 29/06/2005** (43) **Publication Date: 26/01/2007**

(54) **Title of the invention: METHOD OF MANUFACTURING INTEGRATED BIOSENSORS**

(51)	**International classification**	:	**A61 B 5/151**
(31)	**Priority Document No**	:	10/881, 306
(32)	**Priority Date**	:	29/06/2004
(33)	**Name of priority country**	:	**U.S.A**
(86)	**International Application No and Filing Date**	:	
(87)	**International Publication No**	:	
(61)	**Patent of addition to Application No**	:	**NIL**
	Filed on	:	**N.A.**
(62)	**Divisional to Application No**	:	**NIL**
	Filed on	:	**N.A.**

(71) **Name of Applicant: LIFESCAN LTD.,**

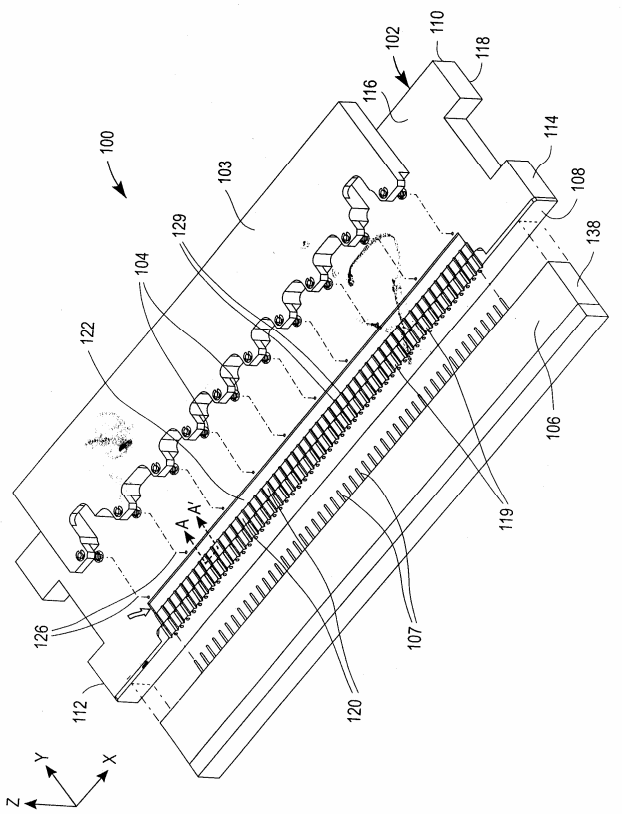
Address of the Applicant: 1000 GIBRALTAR DRIVE, MILPITAS, CA 95035, U.S.A

(72) Name of the Inventor:
1**.** DAVID K. LANG;
JOHN J. ALLEN;
JOHN JOHNSON

Filed U/S 5(2) before The Patents (Amendment) **Act, 2005: NO**

(57) Abstract:

The determination of analyte concentration in physiological samples is of ever increasing importance to today's society. Such assays find use in a variety of applications, including clinical laboratory testing, home testing, etc., where the results of such testing play a prominent role in the diagnosis and management of a variety of disease conditions, In the present application, a method is described which may be used for the manufacture of medical devices which include an integrated lancet and sensor.



(FIG. - 1)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA (21) Application No.: 577/KOL/ 2005 A
(22) Date of filing of Application: 29/06/2005 (43) Publication Date: 26/01/2007

(54) Title of the invention: MANUFACTURING APPARATUS FOR THE PACKAGING OF MEDICAL DEVICES INCLUDING INTEGRATED LANCETS

(51)	International classification	:	A61B5/00,5/15, 10/00
(31)	Priority Document No	:	10/882,043
(32)	Priority Date	:	29/06/2004
(33)	Name of priority country	:	U.S.A
(86)	International Application No and Filing Date	:	
(87)	International Publication No	:	
(61)	Patent of addition to Application No	:	NIL
	Filed on	:	N.A.
(62)	Divisional to Application No	:	NIL
	Filed on	:	N.A.

(71) Name of Applicant: LIFESCAN SCOTLAND LTD.,

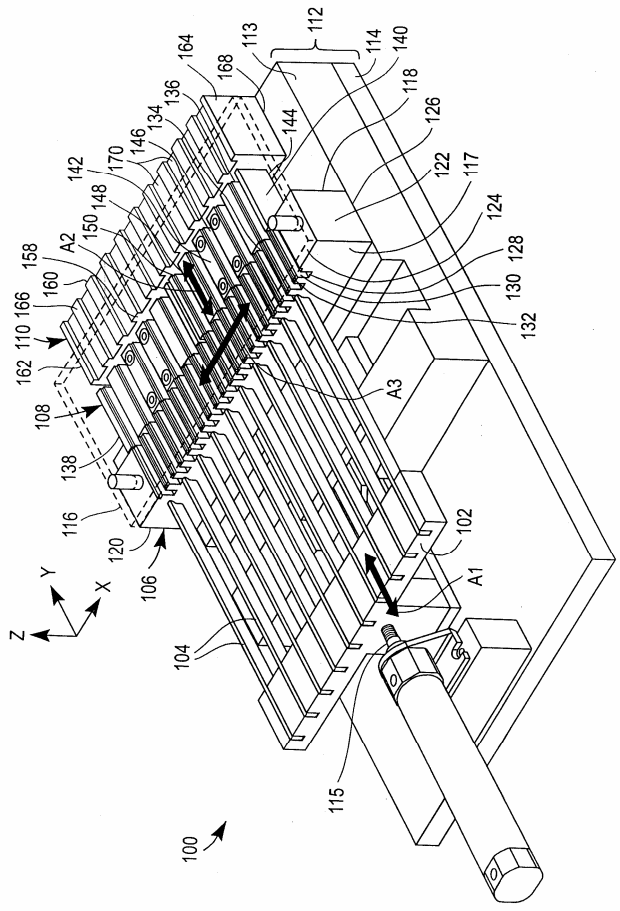
Address of the Applicant: BEECHWOD PARK NORTH, INVERNESS, INVERNESS-SHIRE, IV2 3ED, U.K,

(72) Name of the Inventor:
DAVID K. LANG;
PETER A RAE

Filed U/S 5(2) before The Patents (Amendment) **Act, 2005: NO**

(57) Abstract:

The present invention related to an apparatus for loading a plurality of integrated medical devices into a plurality of medical device packages, said apparatus comprising a pusher plate, a medical device retaining member, a transfer member and a package support member, wherein said device retaining member and said transfer member include a plurality of grooves for receiving and removably retaining a plurality of medical devices at least partially therein, and wherein said package support member includes a plurality of recesses for receiving and removably retaining the plurality of medical device packages therein.



(FIG. – 1a)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.: 578/KOL/ 2005** **A**
(22) Date of filing of Application: 29/06/2005 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: SIGNAL TRANSMISSION

(51)	**International classification**	**:**	**HO4BI/38**
(31)	**Priority Document No**	**:**	10 2004 032 022.5
(32)	**Priority Date**	**:**	01/07/2004
(33)	**Name of priority country**	**:**	**GERMANY**
(86)	**International Application No and Filing Date**	**:**	
(87)	**International Publication No**	**:**	
(61)	**Patent of addition to Application No**	:	**NIL**
	Filed on	**:**	**N.A.**
(62)	**Divisional to Application No**	:	**NIL**
	Filed on	**:**	**N.A.**

(71) Name of Applicant: WALTER DITTEL GMBH,

Address of the Applicant: ERPFTINGERSTR. 36 F- 86899 LANDSBERG/LECH, GERMANY.

(72) Name of the Inventor:
FRANK OESER,
HARALD ADOLPH

Filed U/S 5(2) before The Patents (Amendment) **Act, 2005: NO**

(57) Abstract:

The invention relates to a system for contact-free signal transmission and energy transmission comprising a transmitter apparatus for the transmission of a digital signal which includes at least one measurement signal venerated by means of a measuring device, in particular a measurement signal digitized by means of an A/D converter unit of the transmitter apparatus, and a receiver apparatus for the reception of the transmitted digital signal, with the transmitter apparatus being movable, in particular rotatably movable, relative to the receiver apparatus and energy being able to be transmitted from the receiver apparatus to the transmitter apparatus for the energy supply of the transmitter apparatus and/or the measuring device. The invention further relates to a corresponding method.

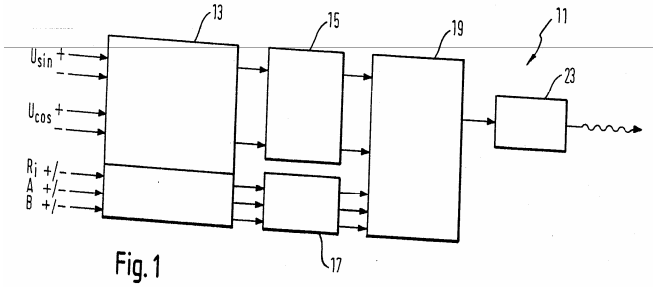


Fig. 1

(FIG. - 1)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.: 00625/KOLNP/2005 A**
(22) Date of filing of Application: 11/04/2005 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: PHASE-CHANGE RECORDING MATERIAL AND INFORMATION RECORDING MEDIUM

(51)	**International classification**	**:**	**B41M 5/26,G11B 7/24**
(31)	**Priority Document No**	**:**	2003-125803
(32)	**Priority Date**	**:**	30/04/2003
(33)	**Name of priority country**	**:**	**JP**
(86)	**International Application No and Filing Date**	**:**	PCT/JP04/006112 : 28/04/2004
(87)	**International Publication No**	**:**	**WO 04/096567 A1**
(61)	**Patent of addition to Application No**	:	**NIL**
	Filed on	**:**	**N.A.**
(62)	**Divisional to Application No**	:	**NIL**
	Filed on	**:**	**N.A.**

(71) Name of Applicant:
MITSUBISHI CHEMICAL CORPORATION

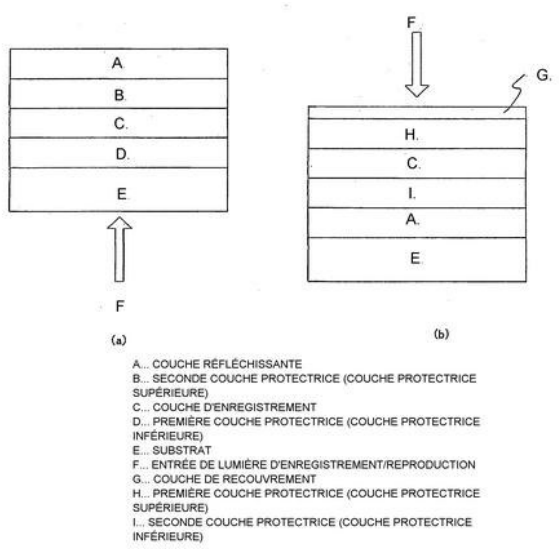
Address of the Applicant:
33-8 SHIBA 5-CHOME MINAT-KU TOKYO 1080014 JAPAN

(72) Name of the Inventor:
OHNO TAKASHI
HORIE MICHIKAZU

Filed U/S 5(2) before The Patents (Amendment) **Act, 2005: NO**

(57) Abstract:

A phase-change recording material on which high velocity recording/erasing is possible, which provides excellent recording signal characteristics, which provides a high storage stability of the recording signals, with which the change in the reflectivity of the recorded signals is small even after a log term storage, and which provides excellent recording signal characteristics even if overwriting is carried out again, and an information recording medium employing the above material, are provided. It is characterized by containing as the main component a composition represented by $Ge_x(In_wSn_{1-w})_yTe_zSb_{1-x-y-z}$ (wherein the Sb content is higher than any one of the Ge content, the In content, the Sn content and the Te content, and x, y, z ;and w representing atomicity ratios satisfy (i) $0 \leq x \leq 0.3$, (ii) $0.07 \leq y-z$, (iii) $w \times y-z \leq 0.1$, (iv) $0 < z$, (v) $(1-w)xy \leq 0.35$ and (vi) $0.35 \leq 1-x-y-z$).



(FIG. – 1a, 1b)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.: 00701/KOL/2005 A**
(22) Date of filing of Application: 03/08/2005 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: PROCESS FOR THE PREPARATION OF SUBSTITUTED PYRROLIDINE DERIVATIVES AND INTERMEDIATES

(51)	**International classification**	**:**	**C07D 207/34**
(31)	**Priority Document No**	**:**	**60/604042**
(32)	**Priority Date**	**:**	**25/08/2004**
(33)	**Name of priority country**	**:**	USA
(86)	**International Application No and Filing Date**	**:**	
(87)	**International Publication No**	**:**	
(61)	**Patent of addition to Application No Filed on**	**:**	
(62)	**Divisional to Application No Filed on**	**:**	

(71) Name of Applicant:
BIOCRYST PHARMACEUTICALS, INC..
Address of the Applicant:
2190 PARKWAY LAKE DRIVE, BIRMINGHAM, AL 35244, UNITED STATES OF AMERICA

(72) Name of the Inventor:
CHAND POORAN; EL-KATTAN YAHYA; KOTIAN PRAVIN L.

Filed U/S 5(2) before The Patents (Amendment) **Act, 2005:** NO

(57) Abstract:

Two syntheses are provided; one for the preparation of (3R,4R)-4-(hydroxymethyl)pyrrolidin-3-ol, and other for the preparation of (3S,4R)-4-(hydroxymethyl)pyrrolidin-3-ol. (3R,4R)-4-(hydroxymethyl)pyrrolidin-3-ol is prepared using the achiral ylide prepared from benzylamine instead of phenethylamine (Scheme 3) which provides a crystalline intermediate. The synthesis of (3S,4R)-4-(hydroxymethyl)pyrrolidin-3-ol is achieved from (S)-diethylmalate as described in Scheme 4. A process for preparing camphor sultam is also provided.

(FIG. nil)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.: 00713/KOL/2005** **A**
(22) Date of filing of Application: 08/08/2005 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: CENTRIFUGAL SEPARATOR

(51)	**International classification**	**:**	**B04B 3/00**
(31)	**Priority Document No**	**:**	**2004-248985**
(32)	**Priority Date**	**:**	**27/08/2004**
(33)	**Name of priority country**	**:**	JAPAN
(86)	**International Application No and Filing Date**	**:**	
(87)	**International Publication No**	**:**	
(61)	**Patent of addition to Application No Filed on**	: **:**	
(62)	**Divisional to Application No Filed on**	: **:**	

(71) Name of Applicant:
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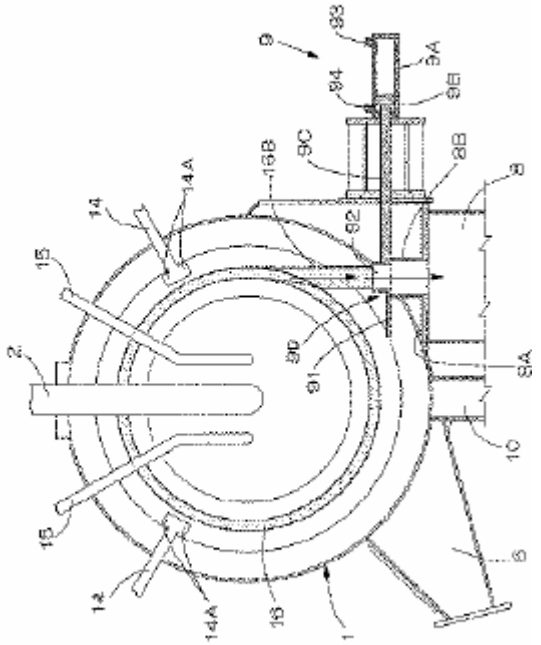
Address of the Applicant:
17-15, TSUKUDA 2-CHOME, CHUO-KU, TOKYO 104-0051, JAPAN

(72) Name of the Inventor:
NAKANE TAKANORI; HONMA, HIDEO; KURITA SHINPEI

Filed U/S 5(2) before The Patents (Amendment) **Act, 2005:** NO

(57) Abstract:

In a centrifugal separator where a damper device which freely opens and closes is provided on a cake inlet side of a discharge chute for discharging a cake, the cake is discharged from the discharge chute at the centrifugal separating step, and a damper of the damper device covers the cake inlet side of the discharge chute so that cleaning liquid and residual cake are prevented from flowing out into the discharge chute at the machine inside cleaning step.



(FIG.2)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.: 00737/KOL/2005** **A**
(22) Date of filing of Application: 11/08/2005 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: CIRCUIT MODULE SYSTEM AND METHOD

(51)	**International classification**	**:**	**H01L 23/495**
(31)	**Priority Document No**	**:**	**10/934027; 11/005992; 11/007551; 11/058979; 11/068688; 11/123721; 11/125018; 11/173450; 11/193954**
(32)	**Priority Date**	**:**	**03/09/2004; 07/12/2004; 08/12/2004; 16/02/2005; 01/03/2005; 06/05/2005; 09/05/2005; 01/07/2005; 29/07/2005**
(33)	**Name of priority country**	**:**	USA
(86)	**International Application No and Filing Date**	**:**	
(87)	**International Publication No**	**:**	
(61)	**Patent of addition to Application No Filed on**	**:**	
(62)	**Divisional to Application No Filed on**	**:**	

(71) Name of Applicant:
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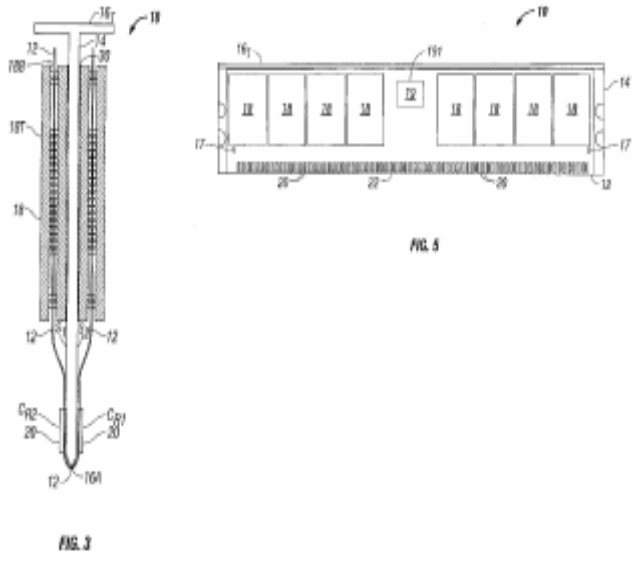
(72) Name of the Inventor:
GOODWIN PAUL; CADY JAMES W.; WEHRLY JAMES DOUGLAS, JR.

Filed U/S 5(2) before The Patents (Amendment) **Act, 2005:** NO

(57) Abstract:

A circuit module 10 comprises a rigid substrate 14 having laterally opposed sides S1, S2 and a flexible circuit 12 wrapped around one edge 16A of the substrate. The flexible circuit is attached to at least one of the sides of the substrate and has a plurality of contacts 20 in the vicinity of the edge 16A for connection to a circuit board socket. A plurality of memory CSPs 18 (chipscale packaged devices) are provided on at least one of the sides of the flexible circuit. Also claimed are modules having thermally conductive properties and various shaped substrates.



(FIG.3,8)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.: 00748/KOL/2005** **A**
(22) Date of filing of Application: 16/08/2005 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: INDEXABLE CUTTING INSERTS

(51)	**International classification**	:	**B23B 27/16**
(31)	**Priority Document No**	:	**0402094-7**
(32)	**Priority Date**	:	**25/08/2004**
(33)	**Name of priority country**	:	SWEDEN
(86)	**International Application No and Filing Date**	:	
(87)	**International Publication No**	:	
(61)	**Patent of addition to Application No Filed on**	:	
(62)	**Divisional to Application No Filed on**	:	

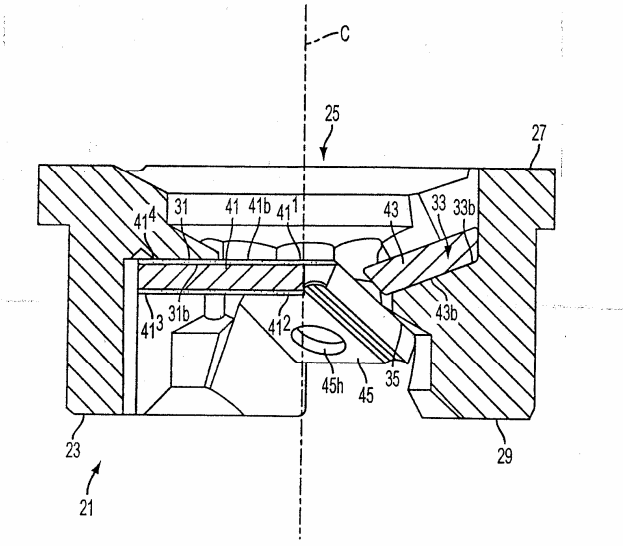
(71) Name of Applicant:
SECO TOOLS AB
Address of the Applicant:
S-737 82 SANDVIKEN, SWEDEN

(72) Name of the Inventor:
NORDSTROM, PETER; KOSKINEN, JORMA; VIOL, KENT

Filed U/S 5(2) before The Patents (Amendment) **Act, 2005:** NO

(57) Abstract:

An index able insert includes an insert body including a plurality of cutting edge portions and an insert hole arrangement for permitting the insert to be secured to a tool holder. The insert hole arrangement includes at least one securing screw-receiving hole. The insert hole arrangement is configured to permit a securing screw to extend through the insert body along any one of at least two different axes through the insert hole arrangement, the insert hole arrangement including a screw abutment surface for abutting against the securing screw.



(FIG. 1A)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.: 00776/KOL/2005 A**
(22) Date of filing of Application: 24/08/2005 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: METHOD FOR VISUALIZATION OF PLAQUE DEOPOSITS FROM 3D IMAGE DATA RECORDS OF VESSEL STRUCTURES

(51)	**International classification**	**:**	**A61B 5/055**
(31)	**Priority Document No**	**:**	**102004043676.2**
(32)	**Priority Date**	**:**	**09/09/2004**
(33)	**Name of priority country**	**:**	GERMANY
(86)	**International Application No and Filing Date**	**:**	
(87)	**International Publication No**	**:**	
(61)	**Patent of addition to Application No Filed on**	**:**	
(62)	**Divisional to Application No Filed on**	**:**	

(71) Name of Applicant:
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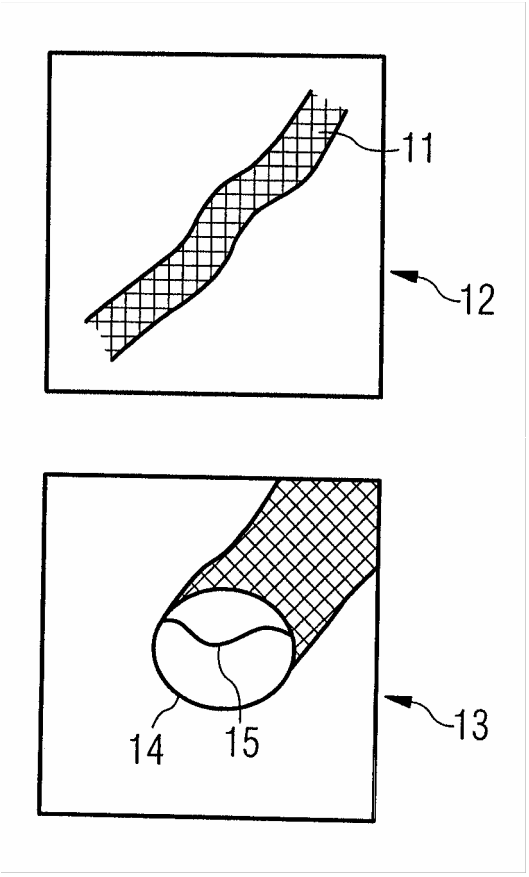
(72) Name of the Inventor:
DANIEL RINCK; MICHAEL SCHEUERING

Filed U/S 5(2) before The Patents (Amendment) **Act, 2005:** NO

(57) Abstract:

Method for visualization of plaque deposits from 3D image data records of vessel structures

The present invention relates to a method for visualization of plaque deposits (7) from 3D image data records of vessel structures (4), in particular of the coronary vascular system, in which at least one predeterminable section (5) of the vessel structure with the plaque deposits (7) is segmented in the 3D image data record in order to obtain segmented 3D image data. A synthetic 3D model image (12, 13) of the at least one section (5) of the vessel structure and of the plaque deposits (7) is produced from the segmented image data, and comprises only boundary surfaces of the vessel structure and of the plaque deposits. The synthetic 3D model image (12, 13) is produced by three-dimensional interpolation between pixels which are associated with boundary surfaces of the vessel structure, and between pixels which are associated with boundary surfaces of the plaque deposits (7) in order to obtain a uniform grid at pixels for the 3D model image. Finally, the synthetic 3D model image (12, 13) or a partial volume of it is visualized. The method allows a vessel section with plaque deposits to be visualized better for evaluation.



(FIG. 5)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.: 00791/KOL/2005** **A**
(22) Date of filing of Application: 29/08/2005 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: CUTTER FOR BIOPSY DEVICE

(51)	**International classification**	**:**	**A61B 10/00**
(31)	**Priority Document No**	**:**	**10/953389**
(32)	**Priority Date**	**:**	**29/09/2004**
(33)	**Name of priority country**	**:**	USA
(86)	**International Application No and Filing Date**	**:**	
(87)	**International Publication No**	**:**	
(61)	**Patent of addition to Application No Filed on**	: **:**	
(62)	**Divisional to Application No Filed on**	: **:**	

(71) Name of Applicant:
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Address of the Applicant:
4545 CREEK ROAD, CINCINNATI, OH-45242, UNITED STATES OF AMERICA

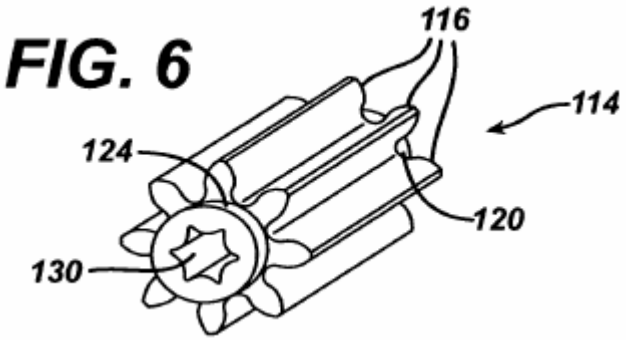
(72) Name of the Inventor:
JOHN A. HIBNER

Filed U/S 5(2) before The Patents (Amendment) **Act, 2005:** NO

(57) Abstract:

A biopsy device and method are provided for obtaining tissue samples. The biopsy device can include a probe assembly having a cannula and a cutter assembly. The cutter assembly includes a hollow cutter, and the hollow cutter can be removed from the probe assembly without disassembling the probe assembly. The method can include the steps of positioning the tissue receiving port in the tissue to be sampled; removing the cutter from the biopsy device; imaging the biopsy site associated with the tissue receiving port of the biopsy device after removing the cutter from the biopsy device; inserting the cutter into the biopsy device; and severing tissue received in the tissue receiving port with the cutter.

(FIG .6)



(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.: 00796/KOL/2005 A**
(22) Date of filing of Application: 31/08/2005 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: ORGANIC FERTILISER OF HUMIC-LIKE NATURE AS WELL AS PROCESS OF ITS PRODUCTION AND USE

(51)	**International classification**	**:**	**C05F 11/02**
(31)	**Priority Document No**	**:**	**DE19859068.7-41**
(32)	**Priority Date**	**:**	**22/12/1998**
(33)	**Name of priority country**	**:**	GERMANY
(86)	**International Application No and Filing Date**	**:**	
(87)	**International Publication No**	**:**	
(61)	**Patent of addition to Application No Filed on**	: **:**	
(62)	**Divisional to Application No Filed on**	: **:**	946/CAL/1999 30/11/1999

(71) Name of Applicant:
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(72) Name of the Inventor:
FISCHER KLAUS; SCHIENE RAINER; KATZUR JOACHIM

Filed U/S 5(2) before The Patents (Amendment) **Act, 2005:** NO

(57) Abstract:

This invention relates to an organic fertiliser of humic like nature. The product has C/N ration from 9 to 15, and in that nitrogen occurs in various chemical bonds as compared with total nitrogen, in which 20-45% are available in terms of ammonium nitrogen 55-80% are organically bonded, of which upto 20% of the total nitrogen are bonded in terms of amide and upto 60% occur in terms of organic bonds.

(FIG.nil)

(12) **PATENT APPLICATION PUBLICATION**
(19) **INDIA** (21) **Application No.: 00799/KOL/2005** **A**
(22) **Date of filing of Application: 01/09/2005** (43) **Publication Date: 26/01/2007**

(54) **Title of the invention:** DRAPEABLE SANITARY ABSORBENT NAPKIN

(51)	**International classification**	:	**A61F 13/15**
(31)	**Priority Document No**	:	**10/942552; 10/943176; 11/169556; 11/170336**
(32)	**Priority Date**	:	**16/09/2004; 16/09/2004; 29/06/2005; 29/06/2005**
(33)	**Name of priority country**	:	USA
(86)	**International Application No and Filing Date**	:	
(87)	**International Publication No**	:	
(61)	**Patent of addition to Application No Filed on**	:	
(62)	**Divisional to Application No Filed on**	:	

(71) **Name of Applicant:**
MCNEIL-PPC, INC.
Address of the Applicant:
GRANDVIEW ROAD, SKILLMAN, NJ 08558, UNITED STATES OF AMERICA

(72) Name of the Inventor:
LEONARD G. ROSENFELD; THERESA WYSOCKI; MORRIS YANG; MARINA NIKITINA; JOHN POCCIA

Filed U/S 5(2) before The Patents (Amendment) **Act, 2005:** NO

(57) Abstract:

An absorbent article including a cover layer, a barrier layer and an absorbent layer arranged between the cover layer and the barrier layer, the absorbent article being drapeable and possessing the absorbency attributes required of a sanitary napkin.

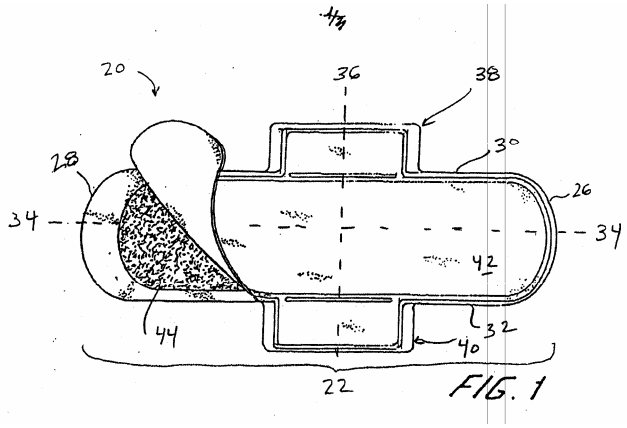


FIG. 1

(FIG.1)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.: 805/KOL/ 2005** **A**
(22) Date of filing of Application: 02/09/2005 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: ROLLED DISPOSABLE ABSORBENT ARTICLES.

(51)	**International classification**	**:**	**A61F13**
(31)	**Priority Document No**	**:**	10/942661,11/095262
(32)	**Priority Date**	**:**	16/09/2004, 31/03/2005
(33)	**Name of priority country**	**:**	**U.S.A**
(86)	**International Application No and Filing Date**	**:** :	
(87)	**International Publication No**	**:**	
(61)	**Patent of addition to Application No**	:	**NIL**
	Filed on	**:**	**N.A.**
(62)	**Divisional to Application No**	:	**NIL**
	Filed on	**:**	**N.A.**

(71) Name of Applicant: MCNEIL-PPC, INC.,

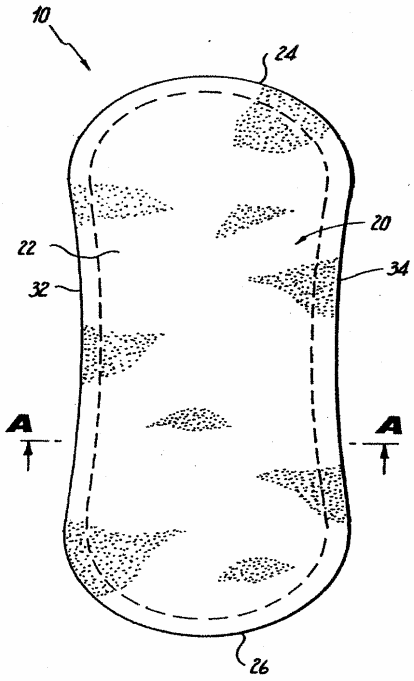
Address of the Applicant: GRANDVIEW ROAD, SKILLMAN, NJ 08558, U.S A

(72) Name of the Inventor:
1. ADALBERTO BOHLEN
2.KOFI AYENSU BISSAH
3.ELAINE M. GANNON
4.H. MICHAEL MOSCHEROSCH

Filed U/S 5(2) before The Patents (Amendment) **Act, 2005: NO**

(57) Abstract:

An individually rolled disposable absorbent article having a disposable absorbent article wherein the disposable absorbent article is rolled from one end portion to the opposed end portion to form the rolled disposable absorbent article and upon unrolling the rolled disposable absorbent article, the absorbent article maintains substantially no memory of its prior rolled configuration. Packaging containing such individually rolled disposable absorbent article and methods of making such individually rolled disposable absorbent articles are presented.



(FIG. - 1)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.: 833/KOL/ 2005** **A**
(22) Date of filing of Application: 12/09/2005 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: DISPENSER HAVING ELASTOMER DISCHARGE VALVE. .

(51)	**International classification**	**:**	**BO5 B11**
(31)	**Priority Document No**	**:**	10/943, 252
(32)	**Priority Date**	**:**	17/09/2004
(33)	**Name of priority country**	**:**	U.S.A.
(86)	**International Application No and Filing Date**	**:**	
(87)	**International Publication No**	**:**	
(61)	**Patent of addition to Application No**	:	**NIL**
	Filed on	**:**	**N.A.**
(62)	**Divisional to Application No**	:	**NIL**
	Filed on	**:**	**N.A.**

(71) Name of Applicant: SAINT-GOBAIN CALMAR INC.,

ADDRESS OF THE APPLICANT : 333 SOUTH TURNBULL CANYON ROAD, CITY OF INDUSTRY , CALIFORNIA 91745, U.S.A

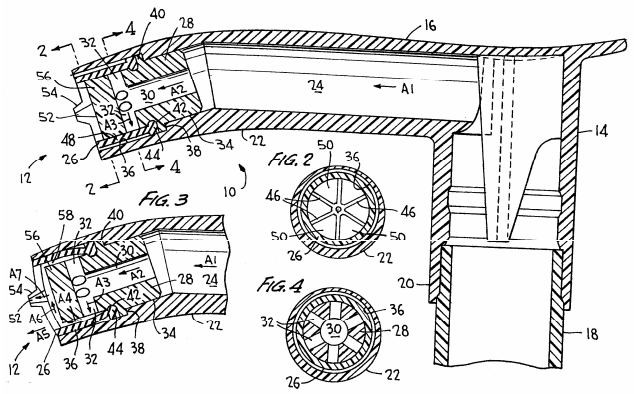
(72) Name of the Inventor:
1. DOBBS B. DOUGLAS
2.NEILL O. KEVIN
3.PHAN G. STEVEN

Filed U/S 5(2) before The Patents (Amendment) **Act, 2005: NO**

(57) Abstract:

A manual pump dispenser includes a plunger head reciprocable between pressure and return strokes, and a pump body having an inlet valve for inletting of liquid product during each of the return strokes. A discharge valve assembly is fitted to a spout for permitting selective outletting of liquid product through the spout during each of the pressure strokes. The spout includes a bore having a predetermined diameter, with a unitary valve disposed substantially within the bore. The unitary valve is made of a material for permitting predetermined axial, or axial and radial expansion thereof under pressure from liquid product during each of the pressure strokes for thereby allowing liquid product to be discharged through a slitted opening in the unitary valve, and enabling rapid contraction thereof against a valve seat to prevent liquid product from being discharged through the slitted opening.

(FIG. - 1)



(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.: 00111/KOL/2006** **A**
(22) Date of filing of Application: 07/02/2006 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: IMPROVED RISER TERMINATION DEVICE

(51)	**International classification**	**:**	**B015 8/00**
(31)	**Priority Document No**	**:**	11/053,482
(32)	**Priority Date**	**:**	08/02/2005
(33)	**Name of priority country**	**:**	**US**
(86)	**International Application No and Filing Date**	**:**	
(87)	**International Publication No**	**:**	
(61)	**Patent of addition to Application No**	:	**NIL**
	Filed on	**:**	**N.A.**
(62)	**Divisional to Application No**	:	**NIL**
	Filed on	**:**	**N.A.**

(71) Name of Applicant:
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Address of the Applicant:
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(72) Name of the Inventor:
ED YUAN
WARREN LETZSCH
GARY JACKSON
JIM EVANS
JOH HOOD

Filed U/S 5(2) before The Patents (Amendment) **Act, 2005: NO**

(57) Abstract:

The present invention provides an improved separator for use hydrocarbon cracking process.

(FIG. - nil)

(12) **PATENT APPLICATION PUBLICATION**
(19) **INDIA** (21) **Application No.: 00450/KOLNP/2004** **A**
(22) **Date of filing of Application: 01/04/2004** (43) **Publication Date: 26/01/2007**

(54) **Title of the invention: APPARATUS AND METHOD FOR LEVEL-DEPENDENT COMPANDING FOR WIRELESS AUDIO NOISE REDUCTION**

(51)	**International classification**	:	**H04B 1/64**
(31)	**Priority Document No**	:	09/970,400
(32)	**Priority Date**	:	03/10/2001
(33)	**Name of priority country**	:	**US**
(86)	**International Application No and Filing Date**	:	PCT/US02/30439 25/09/2002
(87)	**International Publication No**	:	**WO 04/030387 A1**
(61)	**Patent of addition to Application No**	:	**NIL**
	Filed on	:	**N.A.**
(62)	**Divisional to Application No**	:	**NIL**
	Filed on	:	**N.A.**

(71) **Name of Applicant:**
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Address of the Applicant:
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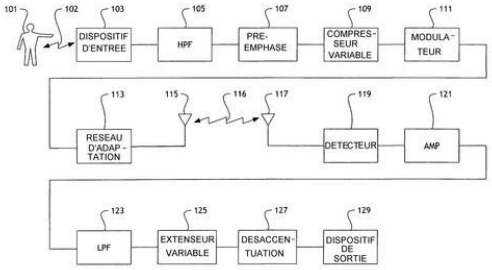
(72) Name of the Inventor:
CERRA DAVID

Filed U/S 5(2) before The Patents (Amendment) **Act, 2005: NO**

(57) Abstract:

The present invention provides apparatus and method that mitigate the noise incurred on a wireless communications path between an encoder and a decoder of a wireless audio noise reduction system that utilizes frequency modulation (FM). The encoder comprises a variable compressor that invokes compression whenever the input signal is above a first threshold level. The decoder comprises a variable expander that invokes expansion whenever the received signal from the decoder is above a second threshold.



(FIG. - 1)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.: 00553/KOLNP/2004 A**
(22) Date of filing of Application: 27/04/2004 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: BETA-FORM OR BETA FORM CRYSTAL OR ACETANILIDE

(51)	**International classification**	**:**	**C07D 277/40,A61K 31/426,A61P 3/10**
(31)	**Priority Document No**	**:**	2001-332914
(32)	**Priority Date**	**:**	30/10/2001
(33)	**Name of priority country**	**:**	**JP**
(86)	**International Application No and Filing Date**	**:**	PCT/JP02/11217 : 29/10/2002
(87)	**International Publication No**	**:**	**WO 04/037881 A1**
(61)	**Patent of addition to Application No**	:	**NIL**
	Filed on	**:**	**N.A.**
(62)	**Divisional to Application No**	:	**NIL**
	Filed on	**:**	**N.A.**

(71) Name of Applicant:
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Address of the Applicant:
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(72) Name of the Inventor:
1.SOUICHIROU KAWAZOE
2.KENICHIROU SAKAMOTO
3.YUJI AWAMURA
4.TATSUYA MARUYAMA
5.TAKAYUKI SUZUKI
6.KENICHI ONDA
7.TOSHIYUKI TAKASU

Filed U/S 5(2) before The Patents (Amendment) **Act, 2005: YES**

(57) Abstract:

To provide novel crystals useful as an ingredient for the production of a diabetes remedy. The invention is concerned with α-form crystal and β-form crystal of (*R*) −2−(2−aminothiazol−4−yl) −4'−[2−[(2−hydroxy−2−phenylethyl)amino]ethyl]acetanilide. The α-form crystal does not exhibit hygroscopicity and has stability such that it can be used as a medicine, and is useful for mass synthesis in the industrial production. The β-form crystal does not relatively exhibit hygroscopicity and is also useful as a production intermediate of the α-form crystal.

(FIG. Nil)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.: 00581/KOLNP/2004 A**
(22) Date of filing of Application: 05/05/2004 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: METHOD AND PHARMACEUTICAL PREPARATIONS FOR REDUCING THE ACTIVITY OF CELLS

(51)	**International classification**	**:**	**A61K 31/01,31/015,A61P 35/00**
(31)	**Priority Document No**	**:**	146449
(32)	**Priority Date**	**:**	12/11/2001
(33)	**Name of priority country**	**:**	**IL**
(86)	**International Application No and Filing Date**	**:**	PCT/IL02/00876 : 05/11/2002
(87)	**International Publication No**	**:**	**WO 03/041695 A1**
(61)	**Patent of addition to Application No**	:	**NIL**
	Filed on	**:**	**N.A.**
(62)	**Divisional to Application No**	:	**NIL**
	Filed on	**:**	**N.A.**

(71) Name of Applicant:
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Filed U/S 5(2) before The Patents (Amendment) **Act, 2005: NO**

(57) Abstract:

A method for reducing the activity of a cancer cell, comprising administering to a subject in need thereof a composition comprising of lycopene and an additional caroteniod.

(FIG. –NIL)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.: 01691/KOLNP/2004 A**
(22) Date of filing of Application: 09/11/2004 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: TRANSDERMAL DELIVERY SYSTEM WITH TWO SUPERIMPOSED ADHESIVE LAYERS HAVING DIFFERENT AFFINITIES OF THE ACTIVE SUSBTANCE COMPRISED

(51)	**International classification**	**:**	**A61K 9/70**
(31)	**Priority Document No**	**:**	020101791
(32)	**Priority Date**	**:**	15/05/2002
(33)	**Name of priority country**	**:**	**AR**
(86)	**International Application No and Filing Date**	**:** :	PCT/GB03/02118 15/05/2003
(87)	**International Publication No**	**:**	**WO 04/097020 A1**
(61)	**Patent of addition to Application No**	:	**NIL**
	Filed on	**:**	**N.A.**
(62)	**Divisional to Application No**	:	**NIL**
	Filed on	**:**	**N.A.**

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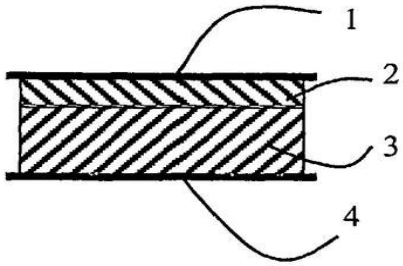
Filed U/S 5(2) before The Patents (Amendment) **Act, 2005: NO**

(57) Abstract:

A device for the transdermal delivery of a pharmacologically active substance has first and second superimposed mutually contacting adhesive layers (2, 3). The first layer (3) is in use brought into contact with the skin. The active substance is dissolved in both layers, the affinity of the first layer for the active substance being between about 1.15 and about 10 times lower than that of the second layer. The percent saturation of the active substance in both the layers is the same and is less than 100 %. The first layer has a greater thickness than the second layer. The device is simple and can provide stable delivery over a long period.



(FIG. - 2)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.: 01910/KOLNP/2004 A**
(22) Date of filing of Application: 13/12/2004 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: TRICYCLE STEROID HORMONE NUCLEAR RECEPTOR MODULATORS

(51)	**International classification**	**:**	**C07C 311/00**
(31)	**Priority Document No**	**:**	60/391,992
(32)	**Priority Date**	**:**	26/06/2002
(33)	**Name of priority country**	**:**	**US**
(86)	**International Application No and Filing Date**	**:**	PCT/US03/016213 : 13/06/2003
(87)	**International Publication No**	**:**	**WO 04/052847 A2**
(61)	**Patent of addition to Application No**	:	**NIL**
	Filed on	**:**	**N.A.**
(62)	**Divisional to Application No**	:	**NIL**
	Filed on	**:**	**N.A.**

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STEINBERG MITCHELL IRVIN
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Filed U/S 5(2) before The Patents (Amendment) **Act, 2005: YES**

(57) Abstract:

The present invention relates to methods of treating pathological disorders susceptible to steroid hormone nuclear receptor modulation comprising administering to a patient in need thereof an effective amount of a compound of the formula (I): or a pharmaceutically acceptable salt thereof. In addition, the present invention provides novel pharmaceutical compounds of Formula (I), including the pharmaceutically acceptable salts thereof, as well as pharmaceutical compositions which comprise as an active ingredient a compound of Formula (I).

(FIG. -)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.:** 00203/KOLNP/2005 **A**
(22) Date of filing of Application: 16/02/2005 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: DEVICE FOR FASTENING OF DOOR HANDLES

(51)	**International classification**	**:**	**E05B 3/04**
(31)	**Priority Document No**	**:**	**103 40 562.3**
(32)	**Priority Date**	**:**	**01/09/2003**
(33)	**Name of priority country**	**:**	GERMANY
(86)	**International Application No and Filing Date**	**:**	**PCT/EP04/009187 & 17/08/2004**
(87)	**International Publication No**	**:**	WO 05/028786
(61)	**Patent of addition to Application No**	:	NA
	Filed on	**:**	NA
(62)	**Divisional to Application No**	:	NA
	Filed on	**:**	NA

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(72) Name of the Inventor:
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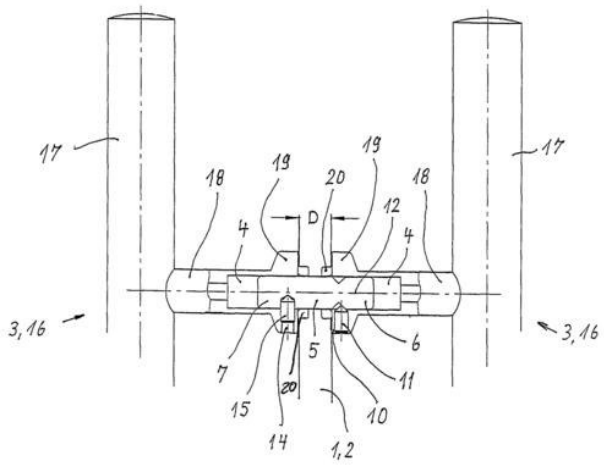
Filed U/S 5(2) before The Patents (Amendment) **Act, 2005:** NO

(57) Abstract:

The invention relates to a device for fastening of door handles (33), where on each door handle (3), a pocket drill (4) is provided for taking in a mandrel (8), which can be latched with each door handle (3). The invention points to the direction that the door handles (3), lying opposite to each other on a plate are made in identical fashion and that on one of the two end segments (7) of the mandrel (8), both in circumferential direction as well as in the direction of the length axis (12) of the mandrel (8), several dimpled holes (13) are arranged in a staggered manner for engagement with a threaded screw (15).



(FIG). 1

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.:** 00313/KOLNP/2005 **A**
(22) Date of filing of Application: 02/03/2005 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: IDLE ROTATIONAL SPEED CONTROLLER OF INTERNAL COMBUSTION ENGINE, CONTROLLER OF INTERNAL COMBUSTION ENGINE AND INTERNAL COMBUSTION ENGINE

(51)	**International classification**	**:**	**F02D 41/08**
(31)	**Priority Document No**	**:**	**2003-092447**
(32)	**Priority Date**	**:**	**28/03/2003**
(33)	**Name of priority country**	**:**	JAPAN
(86)	**International Application No and Filing Date**	**:** :	**PCT/JP04/004429 & 29/03/2004**
(87)	**International Publication No**	**:**	WO 04/088111
(61)	**Patent of addition to Application No**	:	NA
	Filed on	**:**	NA
(62)	**Divisional to Application No**	:	NA
	Filed on	**:**	NA

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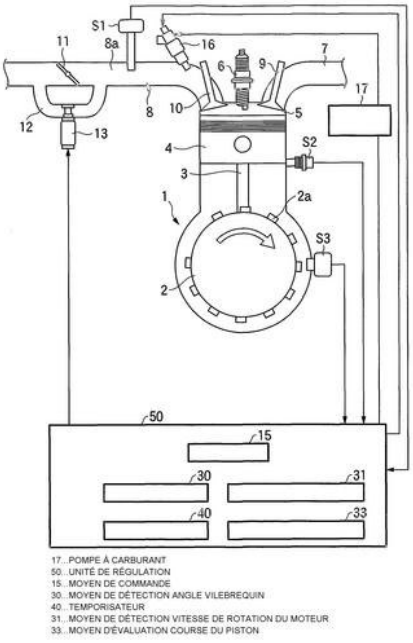
Filed U/S 5(2) before The Patents (Amendment) **Act, 2005:** NO

(57) Abstract:

An idle rotational speed controller of an internal combustion engine includes an intake path 8 for sucking air supplied to a combustion chamber of the internal combustion engine 1, a throttle valve 11 arranged at the intake path 8 for controlling an intake amount, an auxiliary intake path 12 for communicating the intake path on an upstream side of the throttle valve 11 and the intake path on a downstream side or the throttle valve, and an opening/closing type control valve 13 arranged at the auxiliary intake path 12 for controlling an idling intake amount. Stable idling operation is carry out by including an intake pressure detecting unit S1 for detecting an intake pressure of the intake path 8, a fuel supplying unit for controlling a supply amount of a fuel supplied to the combustion chamber based on at least the intake pressure, and a controlling unit 15 for synchronizing a drive reference position for driving to open or close the control valve 13 with timing of detecting the intake pressure by the intake pressure detecting unit S1.



(FIG). 1

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.: 00625/KOLNP/2005 A**
(22) Date of filing of Application: 11/04/2005 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: PHASE-CHANGE RECORDING MATERIAL AND INFORMATION RECORDING MEDIUM

(51)	**International classification**	**:**	**B41M 5/26,G11B 7/24**
(31)	**Priority Document No**	**:**	2003-125803
(32)	**Priority Date**	**:**	30/04/2003
(33)	**Name of priority country**	**:**	**JP**
(86)	**International Application No and Filing Date**	**:**	PCT/JP04/006112 : 28/04/2004
(87)	**International Publication No**	**:**	**WO 04/096567 A1**
(61)	**Patent of addition to Application No**	:	**NIL**
	Filed on	**:**	**N.A.**
(62)	**Divisional to Application No**	:	**NIL**
	Filed on	**:**	**N.A.**

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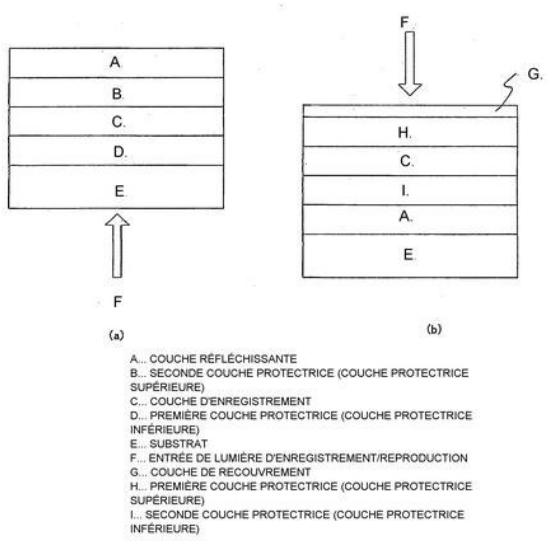
Filed U/S 5(2) before The Patents (Amendment) **Act, 2005: NO**

(57) Abstract:

A phase-change recording material on which high velocity recording/erasing is possible, which provides excellent recording signal characteristics, which provides a high storage stability of the recording signals, with which the change in the reflectivity of the recorded signals is small even after a log term storage, and which provides excellent recording signal characteristics even if overwriting is carried out again, and an information recording medium employing the above material, are provided. It is characterized by containing as the main component a composition represented by $Ge_x(In_wSn_{1-w})_yTe_zSb_{1-x-y-z}$ (wherein the Sb content is higher than any one of the Ge content, the In content, the Sn content and the Te content, and x, y, z ;and w representing atomicity ratios satisfy (i) $0\leq x\leq 0.3$, (ii) $0.07\leq y-z$, (iii) $w\times y-z\leq 0.1$, (iv) $0<z$, (v) $(1-w)xy\leq 0.35$ and (vi) $0.35\leq 1-x-y-z$).



(FIG. – 1ab)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.: 0730/KOLNP/2005 A**
(22) Date of filing of Application: 25/04/2005 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: DEVICE AND METHOD FOR MONITORING A TECHNICAL FACILITY COMPRISING MULTIPLE SYSTEMS IN PARTICULAR A POWER PLANT FACILITY

(51)	**International classification**	**:**	**G05B 23/02,13/02,17/02**
(31)	**Priority Document No**	**:**	02021501.8
(32)	**Priority Date**	**:**	26/09/2002
(33)	**Name of priority country**	**:**	**EP**
(86)	**International Application No and Filing Date**	**:**	PCT/EP03/007202 : 04/07/2003
(87)	**International Publication No**	**:**	**WO 04/034166 A1**
(61)	**Patent of addition to Application No**	:	**NIL**
	Filed on	**:**	**N.A.**
(62)	**Divisional to Application No**	:	**NIL**
	Filed on	**:**	**N.A.**

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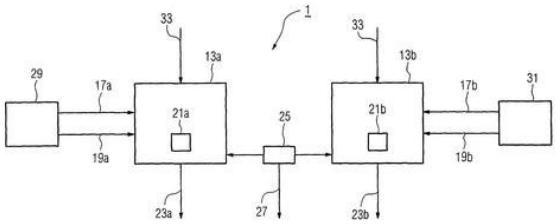
Filed U/S 5(2) before The Patents (Amendment) **Act, 2005: NO**

(57) Abstract:

The invention concerns a method and a corresponding device (1) for monitoring a technical installation (2). The invention is characterized in that a dynamic model (15) of at least one system (3, 5, 7, 9, 11) of the technical installation is enhanced by means of an artificial intelligence based algorithm (21, 21a, 21b) during the operation of said system (3,5,7, 9, 11).



(FIG. - 3)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.: 00741/KOLNP/2005 A**
(22) Date of filing of Application: 27/04/2005 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: ADMINISTRATION FORM FOR PHARMACEUTICALLY ACTIVE PEPTIDES WITH SUSTAINED RELEASE OF ACTIVE INGREDIENT AND METHOD FOR THE PRODUCTION THEREOF

(51)	**International classification**	**:**	**A61K 38/09,C07K 7/23**
(31)	**Priority Document No**	**:**	102 45 525.2
(32)	**Priority Date**	**:**	27/09/2002
(33)	**Name of priority country**	**:**	**DE**
(86)	**International Application No and Filing Date**	**:**	PCT/EP03/010732 : 26/09/2003
(87)	**International Publication No**	**:**	**WO 04/030650 A3**
(61)	**Patent of addition to Application No**	:	**NIL**
	Filed on	**:**	**N.A.**
(62)	**Divisional to Application No**	:	**NIL**
	Filed on	**:**	**N.A.**

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3.ROMIES PETER
4.ROESSLER BERTHOLD

Filed U/S 5(2) before The Patents (Amendment) **Act, 2005: NO**

(57) Abstract:

The invention relates to pharmaceutical administration forms with sustained release comprising at least one pharmacologically active peptide. The invention also relates to a method for the production thereof, a kit comprising a lyophilised peptide and an aqueous solution of an inorganic salt or acetic acid salt and the use of an aqueous solution of an inorganic or acetic acid salt for producing a pharmaceutical administration form which releases peptides in a continuous manner over a long period of time.

(FIG. –NIL)

(12) **PATENT APPLICATION PUBLICATION**
(19) **INDIA** (21) **Application No.: 00744/KOLNP/2005** **A**
(22) **Date of filing of Application: 27/04/2005** (43) **Publication Date: 26/01/2007**

(54) **Title of the invention: INTERSTITIAL MICROWAVE ANTENNA WITH LATERAL EFFECT FOR TISSUES HYPERTHERMIA IN MINIMAL INVASIVE SURGERY**

(51)	**International classification**	:	**A61B 18/18**
(31)	**Priority Document No**	:	PI2002A000059
(32)	**Priority Date**	:	22/10/2002
(33)	**Name of priority country**	:	**IT**
(86)	**International Application No and Filing Date**	:	PCT/IB03/004459 09/10/2003
(87)	**International Publication No**	:	**WO 04/037102 A1**
(61)	**Patent of addition to Application No**	:	**NIL**
	Filed on	:	**N.A.**
(62)	**Divisional to Application No**	:	**NIL**
	Filed on	:	**N.A.**

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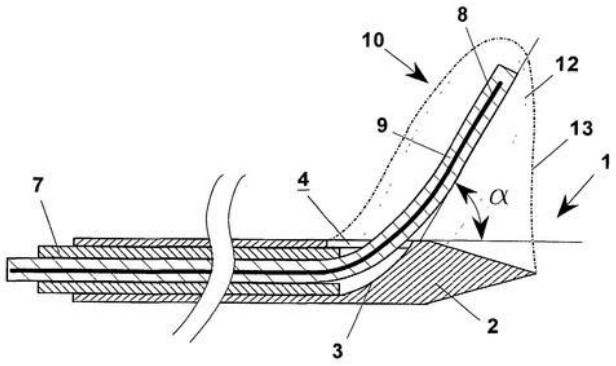
Filed U/S 5(2) before The Patents (Amendment) **Act, 2005: NO**

(57) Abstract:

Application device (1),for example, a metal needle or a plastic catheter that has in the end portion (2) of the free end a gradually increasing thickness to form substantially a chute guide (3) which ends at a side opening (4) made on the application device (1). This way, an interstitial antenna (10) is obtained formed by a co-axial tube having an external conductor (7), by a dielectric layer (9) and by a central conductor (8) embedded in the dielectric layer (9) that insulates it from the external conductor (7). The antenna (10) can be put in a target tissue, along an actuation direction forming an angle a with the introduction direction. This way, the antenna (10) achieves an actual surface isothermal, i.e. a mass of tissue actually coagulated within a curved surface (13), since the tip of the application device (1) is connected electrically with the external conductor (7) and increases its area of action.

(FIG. - 6)



(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.:** 00873/KONPL/2005 **A**
(22) Date of filing of Application: 12/05/2005 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: METHODS OF ADMINISTERING DALBAVANCIN FOR TREATMENT OF BACTERIAL INFECTIONS

(51)	**International classification**	**:**	**A61K 38/14, A61P 31/04**
(31)	**Priority Document No**	**:**	**60/427,654 60/485,694 60/495,048 60/496,483**
(32)	**Priority Date**	**:**	**18/11/2002 08/07/2003 13/08/2003 19/08/2003**
(33)	**Name of priority country**	**:**	US
(86)	**International Application No and Filing Date**	**:**	**PCT/US03/036127 & 14/11/2003**
(87)	**International Publication No**	**:**	WO 04/045636
(61)	**Patent of addition to Application No**	:	NA
	Filed on	**:**	NA
(62)	**Divisional to Application No**	:	NA
	Filed on	**:**	NA

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Filed U/S 5(2) before The Patents (Amendment) **Act, 2005:** NO

(57) Abstract:

The invention provides methods and compositions for treatment of bacterial infections. Methods of the invention include administration of dalbavancin for treatment of a bacterial infection, in particular a Gram-positive bacterial infection of skin and soft tissue. Dosing regimes include once weekly administration of dalbavancin, which often remains at therapeutic levels in the bloodstream for at least one week, providing prolonged therapeutic action against a bacterial infection.

(FIG).Nil

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.:** 00915/KOLNP/2005 **A**
(22) Date of filing of Application: 17/05/2005 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: TURBO INTERLEAVING APPARATUS AND METHOD

(51)	**International classification**	**:**	**H03M 13/27, 13/29**
(31)	**Priority Document No**	**:**	**1999/18928** **1999/18560**
(32)	**Priority Date**	**:**	**19/05/1999** **21/05/1999**
(33)	**Name of priority country**	**:**	KOREA
(86)	**International Application No and Filing Date**	**:**	**PCT/**
(87)	**International Publication No**	**:**	WO 00/70771
(61)	**Patent of addition to Application No**	:	NA
	Filed on	**:**	NA
(62)	**Divisional to Application No**	:	IN/PCT/01/83
	Filed on	**:**	19/01/2001

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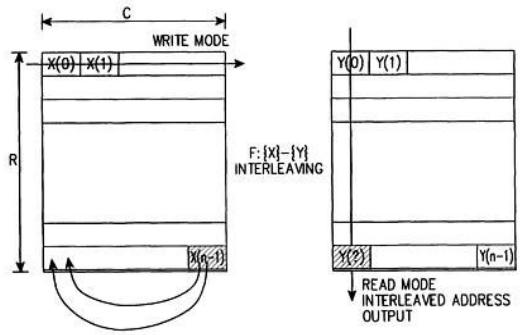
LEE YOUNG-HWAN

Filed U/S 5(2) before The Patents (Amendment) **Act, 2005:** NO

(57) Abstract:

A 2-dimensional interleaving method is disclosed. The method comprises dividing a frame of input information bits into a plurality of groups and sequentially storing the divided groups in a memory; permuting the information bits of the groups according to a given rule and shifting an information bit existing at the last position of the last group to a position preceding the last position; and selecting the groups according to a predetermined order, and selecting one of the information bits in the selected group.



(FIG. 9)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.:** 01075/KONPL/2005 **A**
(22) Date of filing of Application: 06/06/2005 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: METHOD AND APPARATUS FOR ASSIGNING A TEMPORARY MOBILE GROUP IDENTITY IN A MULTIMEDIA BROADCAST/MULTICAST SERVICE

(51)	**International classification**	**:**	**H01L 12/18, 29/12**
(31)	**Priority Document No**	**:**	**60/509,009** **10/945,481**
(32)	**Priority Date**	**:**	**06/10/2003** **20/09/2004**
(33)	**Name of priority country**	**:**	USA
(86)	**International Application No and Filing Date**	**:** :	**PCT/US04/032614** **& 05/10/2004**
(87)	**International Publication No**	**:**	WO 05/039090
(61)	**Patent of addition to Application No**	:	NA
	Filed on	**:**	NA
(62)	**Divisional to Application No**	:	NA
	Filed on	**:**	NA

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(72) Name of the Inventor:
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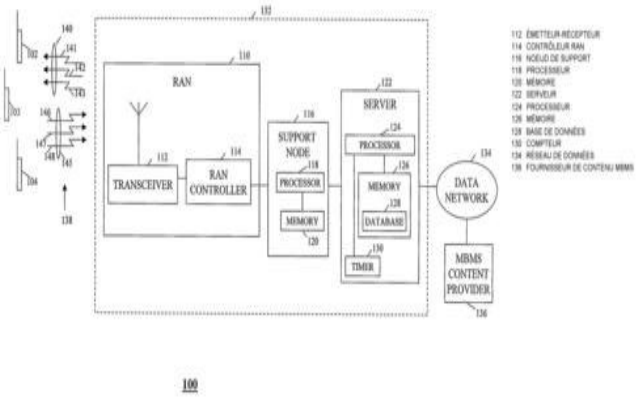
Filed U/S 5(2) before The Patents (Amendment) **Act, 2005:** NO

(57) Abstract:

A Multimedia Broadcast/Multicast Service (MBMS) server (122) in a packet data communication system (100) generates and assigns Temporary Mobile Group Identities (TMGIs) to MBMS services, thereby serving as a central repository for the TMGIs. In response to receiving a request to participate in an MBMS service, the MBMS server generates a TMGI (400). The MBMS server assigns the TMGI to the MBMS service and stores the TMGI in association with information relating to the MBMS service to produce a stored TMGI. The MBMS server further conveys the TMGI to a source of the received request, thereby providing for a distribution of the TMGI to mobile stations (102-104) subscribed to the MBMS service. The subscribed mobile stations may then use the TMGI to receive data packets associated with the MBMS service.



(FIG). 1

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.:** 01115/KOLNP/2005 **A**
(22) Date of filing of Application: 10/06/2005 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: TRANSPARENT THIN-FILM SOLAR CELL MODULE AND ITS MANUFACTURING METHOD

(51)	**International classification**	:	**H04L 31/04, 3/078, 27/142**
(31)	**Priority Document No**	:	**2003-003956**
(32)	**Priority Date**	:	**10/01/2003**
(33)	**Name of priority country**	:	JAPAN
(86)	**International Application No and Filing Date**	:	**PCT/JP04/000009 & 05/01/2004**
(87)	**International Publication No**	:	WO 04/064167
(61)	**Patent of addition to Application No Filed on**	:	NA NA
(62)	**Divisional to Application No Filed on**	:	NA NA

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(72) Name of the Inventor:
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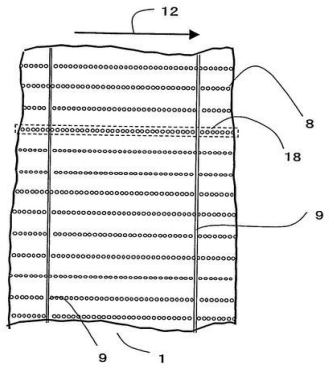
Filed U/S 5(2) before The Patents (Amendment) **Act, 2005:** NO

(57) Abstract:

A transparent thin-film solar-cell module having high output, high light transmittance, and excellent appearance, the module including a plurality of photoelectric conversion cells connected in series, the cells containing a first electrode layer, a semiconductor layer, and a second electrode layer stacked in that order on a main surface of a transparent insulating substrate;; and a plurality of light-transmissive aperture holes formed by removing at least the second electrode layer, the light-transmissive aperture holes each having a diameter of 30 μm to 500 μm, the plurality of light-transmissive aperture holes being disposed in a line at a distance between the centers of the light-transmissive aperture holes of 1.01 to 2 times the diameter of each light-transmissive aperture hole, and a method for producing the module.

(FIG). 1



(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.: 01118/KOLNP/2005 A**
(22) Date of filing of Application: 10/06/2005 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: SYSTEM AND METHOD FOR WATER PASTEURIZATION AND POWER GENERATION

(51)	**International classification**	**:**	**F02C 6/18,C02F 1/02**
(31)	**Priority Document No**	**:**	60/427,069
(32)	**Priority Date**	**:**	18/11/2002
(33)	**Name of priority country**	**:**	**US**
(86)	**International Application No and Filing Date**	**:**	PCT/US03/036196 : 14/11/2003
(87)	**International Publication No**	**:**	**WO 04/046524 A1**
(61)	**Patent of addition to Application No**	:	**NIL**
	Filed on	**:**	**N.A.**
(62)	**Divisional to Application No**	:	**NIL**
	Filed on	**:**	**N.A.**

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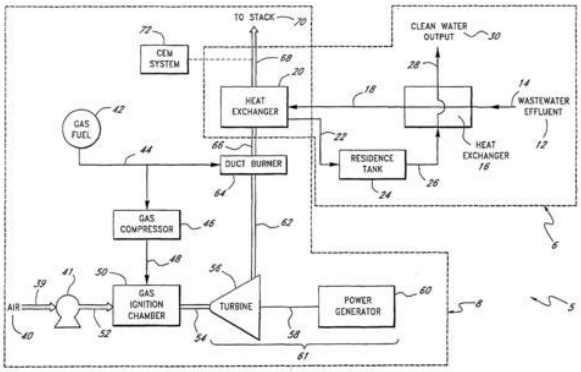
Filed U/S 5(2) before The Patents (Amendment) **Act, 2005: NO**

(57) Abstract:

A system and method for creating power and pasteurizing water is provided. The system includes a power generation subsystem and a water pasteurization subsystem, which are linked together as follows. The power generation subsystem comprises a turbine power generator. Air (or other suitable working fluid) flows through the turbine power generator to generate power by known methods. The air is heated prior to flowing into the turbine to increase its speed for greater power generation. The water pasteurization subsystem includes one or more heat exchangers, at least one of which is connected to receive the hot airflow exiting the turbine. The heat from the turbine-exiting airflow is utilized for pasteurizing colder wastewater inside the heat exchanger.



(FIG. - 1)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.: 01172/KOLNP/2005 A**
(22) Date of filing of Application: 17/06/2005 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: COMPOSITIONS AND METHODS OF USING COLLAGEN AND MMPI

(51)	**International classification**	**:**	**A61L 27/24,27/12,A61K 6/033,38/39,38/48, A61L 27/60,A61F 2/14,2/10,2/44**
(31)	**Priority Document No**	**:**	60/436,806
(32)	**Priority Date**	**:**	27/12/2002
(33)	**Name of priority country**	**:**	**US**
(86)	**International Application No and Filing Date**	**:** :	PCT/US03/041330 24/12/2003
(87)	**International Publication No**	**:**	**WO 04/060425 A2**
(61)	**Patent of addition to Application No**	:	**NIL**
	Filed on	**:**	**N.A.**
(62)	**Divisional to Application No**	:	**NIL**
	Filed on	**:**	**N.A.**

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Filed U/S 5(2) before The Patents (Amendment) **Act, 2005: NO**

(57) Abstract:

Compositions and devices including collagen and metalloprotease inhibitor, and methods of making and using same.

(FIG. -) Nil

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.: 01206/KOLNP/2005 A**
(22) Date of filing of Application: 22/06/2005 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: ELECTRONIC LOCKING DEVICE AND SAFETY KEY

(51)	**International classification**	**:**	**G07C 9/00**
(31)	**Priority Document No**	**:**	67/03
(32)	**Priority Date**	**:**	17/01/2003
(33)	**Name of priority country**	**:**	**CH**
(86)	**International Application No and Filing Date**	**:**	PCT/CH03/000818 : 15/12/2003
(87)	**International Publication No**	**:**	**WO 04/066220 A1**
(61)	**Patent of addition to Application No**	:	**NIL**
	Filed on	**:**	**N.A.**
(62)	**Divisional to Application No**	:	**NIL**
	Filed on	**:**	**N.A.**

(71) Name of Applicant:
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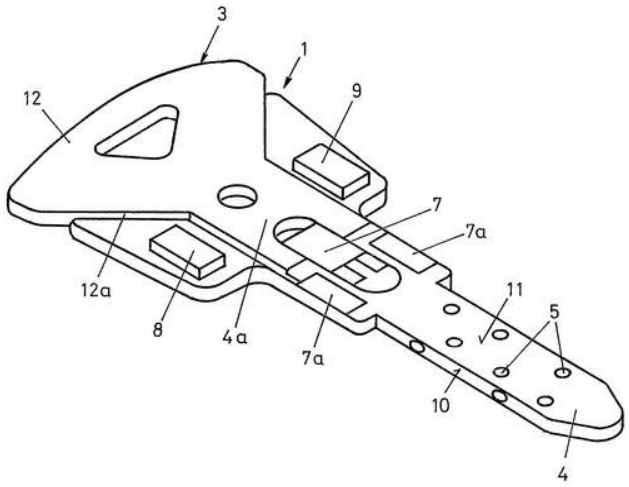
Filed U/S 5(2) before The Patents (Amendment) **Act, 2005: NO**

(57) Abstract:

Disclosed is an electronic locking device comprising at least one lock unit and a safety key (1) that is provided with at least one control circuit and a transmit and receive circuit which transmits the data signals to the control circuit of the other respective unit. At least one data carrier module (7) comprising an antenna (7a) is provided. The safety key (1) encompasses a mechanical part (3) that is provided with a head (12) and a shaft (4) comprising control areas (5). The data carrier module (7) is inserted into a recess (13, 14, 15) of the mechanical part (3). The safety key (1) is embodied in such a way that it can be or is fitted with at least one second data carrier module (8, 9) which is provided with an independent antenna (8a, 9a) and a frequency that is different from that of the data carrier module. The second data carrier module (8, 9) is or can be inserted into a pocket of a cap (2) which is placed upon the mechanical part (3).

(FIG. - 1)



(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.: 01228/KOLN/2005 A**
(22) Date of filing of Application: 24/06/2005 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: PEPTIDES WHICH TARGET TUMOR AND ENDOTHELIAL CELLS COMPOSITIONS AND USES THEREOF

(51)	**International classification**	**:**	**C07K**
(31)	**Priority Document No**	**:**	60/429,174
(32)	**Priority Date**	**:**	25/11/2002
(33)	**Name of priority country**	**:**	**US**
(86)	**International Application No and Filing Date**	**:**	PCT/US03/037895 25/11/2003
(87)	**International Publication No**	**:**	**WO 04/063213 A2**
(61)	**Patent of addition to Application No**	:	**NIL**
	Filed on	**:**	**N.A.**
(62)	**Divisional to Application No**	:	**NIL**
	Filed on	**:**	**N.A.**

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DONATE FERNANDO
MAZAR ANDREW

Filed U/S 5(2) before The Patents (Amendment) **Act, 2005: NO**

(57) Abstract:

The present invention relates generally to peptide analogs of Ac-PHSCN-NH_2 which target tumor and endothelial cells and have anti-tumor, anti-angiogenic and anti-metasastic activity, methods of making these peptides, compositions thereof and methods of using these peptides and pharmaceutical compositions thereof to treat, prevent and detect diseases characterized by tumor growth, metastasis and angiogenesis. The peptide analogs may serve, *inter alia*, as carriers of radioactivity, PET-active compounds, toxins, fluorescent molecules and PEG molecules.

(FIG. - nil)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.: 01248/KOLNP/2005 A**
(22) Date of filing of Application: 28/06/2005 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: USE OF THE CATHELICIDIN LL-37 AND DERIVATIVES THEREFO FOR WOUND HEALING

(51)	**International classification**	**:**	**A61K 38/17,A61P 17/02,C07K 14/47,A61K 47/44,C12N 5/08**
(31)	**Priority Document No**	**:**	0300207-8
(32)	**Priority Date**	**:**	29/01/2003
(33)	**Name of priority country**	**:**	**SE**
(86)	**International Application No and Filing Date**	**:**	PCT/SE04/000111 : 28/01/2004
(87)	**International Publication No**	**:**	**WO 04/067025 A1**
(61)	**Patent of addition to Application No**	:	**NIL**
	Filed on	**:**	**N.A.**
(62)	**Divisional to Application No**	:	**NIL**
	Filed on	**:**	**N.A.**

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(72) Name of the Inventor:
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CARLSSON ANDERS
BOGENTOFT CONNY

Filed U/S 5(2) before The Patents (Amendment) **Act, 2005: NO**

(57) Abstract:

Use of the antimicrobial cathelicidin peptide ll-37, N-terminal fragments of LL-37 or extended sequences of LL-37 having 1-3 amino acids in the C-terminal end, for stimulating proliferation of epithalial and stromal cells and thereby healing of wounds, such as chronic ulcers. The cytotoxic effect of LL-37 may be reduced by including a bilayer-forming polar lipid, especially a digalactosyldiacylglycerol, in pharmaceutical compositions and growth media comprising LL-37.

(FIG. - nil)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.:** 01274/KOLNP/2005 **A**
(22) Date of filing of Application: 30/06/2005 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: APPARATUS FOR MIXING

(51)	**International classification**	:	**B01F 3/04, D21C 9/10, B01F 7/04**
(31)	**Priority Document No**	:	**0203678-8**
(32)	**Priority Date**	:	**12/12/2002**
(33)	**Name of priority country**	:	SWEDEN
(86)	**International Application No and Filing Date**	:	**PCT/SE03/001907 & 08/12/2003**
(87)	**International Publication No**	:	WO 04/052517
(61)	**Patent of addition to Application No**	:	NA
	Filed on	:	NA
(62)	**Divisional to Application No**	:	NA
	Filed on	:	NA

(71) Name of Applicant:
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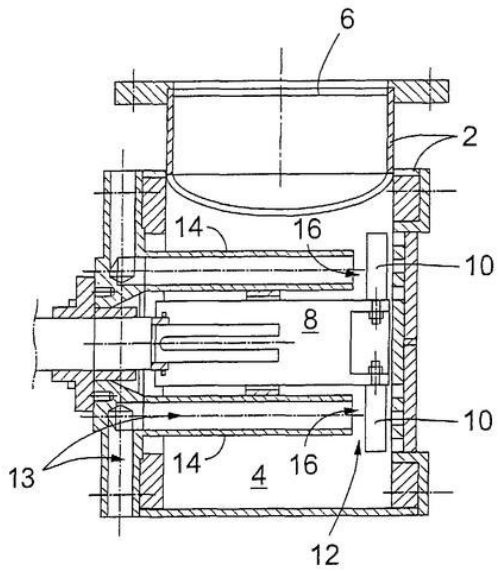
Filed U/S 5(2) before The Patents (Amendment) **Act, 2005:** NO

(57) Abstract:

The present invention relates to an apparatus for mixing of a chemical medium in gaseous or liquid state with a pulp suspension. The apparatus comprises a housing having a wall (2) that defines a mixing chamber (4), a first feeder (6) for feeding the pulp suspension to the mixing chamber, a rotor shaft (8, 104, 204, 300, 406, 502), that extends in the mixing chamber, a drive device for rotation of the rotor shaft, a rotor body (10, 200, 407, 504), that is connected to the rotor shaft and arranged to supply kinetic energy to the pulp suspension flow, during rotation of the rotor shaft by the rotation of the drive device, such that turbulence is produced in a turbulent flow zone (12) in the mixing chamber, a second feeder (13) for feeding of the chemical medium to the mixing chamber, and an outlet for discharging the mixture of chemical medium and pulp suspension from the mixing chamber.



(FIG). 1

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application: 30/06/2005
(21) Application No.: 01277/KONPL/2005 **A**
(43) Publication Date: 26/01/2007

(54) Title of the invention: FUEL PUMP UNIT

(51)	**International classification**	**:**	**F02M 37/08**
(31)	**Priority Document No**	**:**	**2003-008317**
(32)	**Priority Date**	**:**	**16/01/2003**
(33)	**Name of priority country**	**:**	JAPAN
(86)	**International Application No and Filing Date**	**:**	**PCT/JP04/000251 & 15/01/2004**
(87)	**International Publication No**	**:**	WO 04/063552
(61)	**Patent of addition to Application No**	:	NA
	Filed on	**:**	NA
(62)	**Divisional to Application No**	:	NA
	Filed on	**:**	NA

(71) Name of Applicant:
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(72) Name of the Inventor:
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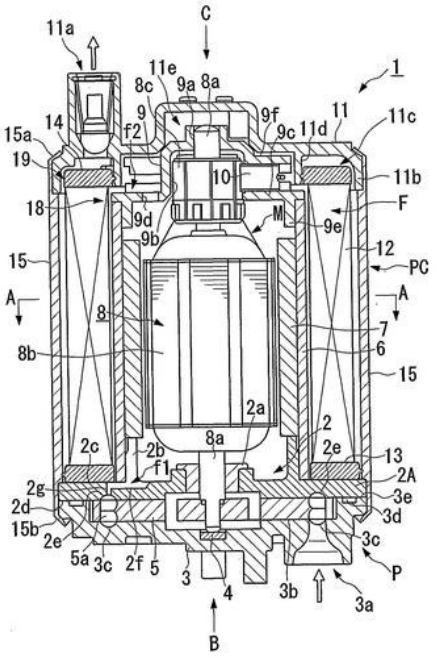
ITO KATSUTOSHI

Filed U/S 5(2) before The Patents (Amendment) **Act, 2005:** NO

(57) Abstract:

In a fuel pump unit, a motor housing (6) is installed on a base bracket (2), a motor rotor (8) is received in the housing, and a brush holder (9) is axially fitted in the housing to cover it. At the brush holder (9) are arranged a motor shaft (8a) opened in the fitting direction, a brush fix portion (9f), and a communication hole (9d). A motor portion (M) constructed as described above is covered by a pump unit casing (15) fixed on the outer periphery of the base bracket (2) and coaxially extended with the base bracket. The upper part of the pump unit casing is covered by an outlet cover (11) with a discharge opening (11a). A radially continuous gap is provided between the brush holder (9) and the outlet holder, forming a filtration-side communication flow passage (f2).



(FIG). 1

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.: 01422/KOLNP/2005 A**
(22) Date of filing of Application: 21/07/2005 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: STRING BINDERS

(51)	**International classification**	**:**	**C03C 25/26,25/32,C08J 5/04**
(31)	**Priority Document No**	**:**	09/280,808
(32)	**Priority Date**	**:**	30/03/1999
(33)	**Name of priority country**	**:**	**US**
(86)	**International Application No and Filing Date**	**:**	PCT/US00/08075 : 28/03/2000
(87)	**International Publication No**	**:**	**WO 00/58233**
(61)	**Patent of addition to Application No Filed on**	: **:**	**NIL N.A.**
(62)	**Divisional to Application No Filed on**	: **:**	**IN/PCT/01/00931 09/07/2001**

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Filed U/S 5(2) before The Patents (Amendment) **Act, 2005: NO**

(57) Abstract:

A string binder (12) is disclosed which is useful for making reinforcing articles for use in the manufacture of molded composite articles. The string binder, in one embodiment, comprises a fibrous carrier substrate material covered with a solidified coating comprising a binder resin material having an acid value of less than about 30 mg KOH/g of resin. Additionally, the coating may include a catalyst applied as a separate layer or in combination with the binder resin material. The string binder may be co-roved with one or more ends of a separate fibrous reinforcing material (14) to make a product suitable for use in various molding applications.

(FIG. - nil)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.: 01450/KOLNP/2005 A**
(22) Date of filing of Application: 26/07/2005 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: FOAMABLE INTERPOLYMER RESIN PARTICLES CONTAINING LIMONENE AS A BLOWING AID

(51)	**International classification**	**:**	**C08L**
(31)	**Priority Document No**	**:**	60/442,761
(32)	**Priority Date**	**:**	27/01/2003
(33)	**Name of priority country**	**:**	**US**
(86)	**International Application No and Filing Date**	**:**	PCT/US04/001824 23/01/2004
(87)	**International Publication No**	**:**	**WO 04/069917 A2**
(61)	**Patent of addition to Application No**	:	**NIL**
	Filed on	**:**	**N.A.**
(62)	**Divisional to Application No**	:	**NIL**
	Filed on	**:**	**N.A.**

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(72) Name of the Inventor:
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Filed U/S 5(2) before The Patents (Amendment) **Act, 2005: NO**

(57) Abstract:

Interpolymer resin particles comprised of 20% to 80% by weight polyolefin, e.g.polyethylene and 80% to 20% by weight of an in situ polymerized vinyl aromatic resin, e.g. polystyrene or poly(styrene.butyl acrylate) and forming an interpenetrating network of polyolefin and vinyl aromatic resin particles. The interpolymer particles are impregnated with a volatile hydrocarbon blowing agent, and limonene, e.g. d-limonene, ranging from about 0.1 to about 5 parts, preferably 0.1 to 1 part by weight, based on 100 parts by weight of the interpolymer particles, for improved expandability and a pleasant fragrance.

(FIG. –Nil)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.:** 01483/KOLNP/2005 **A**
(22) Date of filing of Application: 28/07/2005 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: MOTOR CONTROL SYSTEM AND METHOD WITH ADAPTIVE CURRENT PROFILE

(51)	**International classification**	**:**	**H02P 7/63**
(31)	**Priority Document No**	**:**	**10/353,075** **10/353,083**
(32)	**Priority Date**	**:**	**29/01/2003** **29/01/2003**
(33)	**Name of priority country**	**:**	USA
(86)	**International Application No and Filing Date**	**:** :	**PCT/US04/002377** **& 29/01/2004**
(87)	**International Publication No**	**:**	WO 04/070934
(61)	**Patent of addition to Application No**	:	NA
	Filed on	**:**	NA
(62)	**Divisional to Application No**	:	NA
	Filed on	**:**	NA

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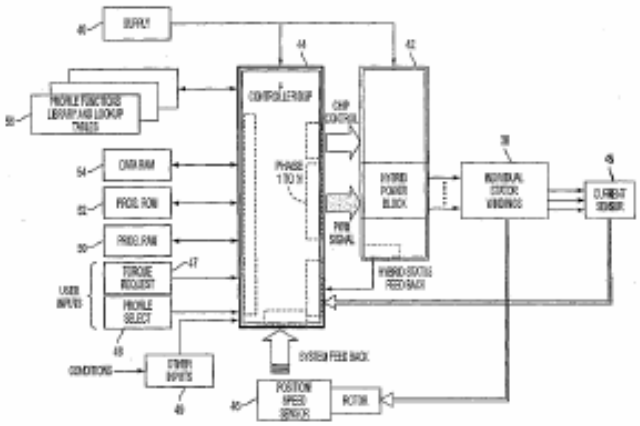
Filed U/S 5(2) before The Patents (Amendment) **Act, 2005:** NO

(57) Abstract:

Subject to user or system selection, one of the motor control schemes is accessed from the memory (56) by a controller (44) for implementation. The controller (44) generates control signals that are applied to energization circuitry (42) for supplying current to the phase windings (38) with a particular current waveform profile in accordance with the selected motor control scheme. The controller (44) has an input terminal (47) for receiving a user initiated torque command signal representing a desired motor torque. Each motor control scheme provides motor driving current that corresponds to torque command signals received at the controller input terminal.



(FIG).1

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.: 01495/KOLNP/2005 A**
(22) Date of filing of Application: 29/07/2005 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: PRINTED TTI INDICATORS

(51)	**International classification**	**:**	**G01K 11/00,3/00,G01N 31/00**
(31)	**Priority Document No**	**:**	20030298
(32)	**Priority Date**	**:**	27/02/2003
(33)	**Name of priority country**	**:**	**FI**
(86)	**International Application No and Filing Date**	**:**	PCT/FI04/000096 : 25/02/2004
(87)	**International Publication No**	**:**	**WO 04/077001 A1**
(61)	**Patent of addition to Application No**	:	**NIL**
	Filed on	**:**	**N.A.**
(62)	**Divisional to Application No**	:	**NIL**
	Filed on	**:**	**N.A.**

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Filed U/S 5(2) before The Patents (Amendment) **Act, 2005: NO**

(57) Abstract:

The present invention relates to time-temperature integrating indicators, also known as TTI indicators, which are easily printable on substrates, such as packaging materials, and to a method for the manufacture of packaging materials comprising printed TTI indicators. The printed TTI indicator is selectively activated at the time of packaging of a perishable product or alternatively at the time of opening of the package of a perishable product.

(FIG. -) Nil

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.:** 01497/KOLNP/2005 **A**
(22) Date of filing of Application: 29/07/2005 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: TEMPERATURE DETECTOR/INDICATOR

(51)	**International classification**	**:**	**G01K 3/04, 11/12, 3/00, 11/00**
(31)	**Priority Document No**	**:**	**20030299**
(32)	**Priority Date**	**:**	**27/02/2003**
(33)	**Name of priority country**	**:**	FINLAND
(86)	**International Application No and Filing Date**	**:**	**PCT/FI04/000103 & 26/02/2004**
(87)	**International Publication No**	**:**	WO 04/077002
(61)	**Patent of addition to Application No**	:	NA
	Filed on	**:**	NA
(62)	**Divisional to Application No**	:	NA
	Filed on	**:**	NA

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Filed U/S 5(2) before The Patents (Amendment) **Act, 2005:** NO

(57) Abstract:

The invention relates to an electrical and/or optical temperature detector/indicator based on conductive polymers, said detector/indicator being suitably used in such packages for products, the temperature changes of which need to be monitored.

(FIG).Nil

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.: 01500/KOLNP/2005 A**
(22) Date of filing of Application: 29/07/2005 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: STABILIZED AQUEOUS COMPOSITIONS COMPRISING TISSUE FACTOR PATHWAY INHIBITOR (TFPI) OR A TISSUE FACTOR PATHWAY INHIBITOR VARIANT

(51)	**International classification**	**:**	**A61K 38/57,47/18,47/12, C0K 14/81**
(31)	**Priority Document No**	**:**	60/438,519
(32)	**Priority Date**	**:**	08/01/2003
(33)	**Name of priority country**	**:**	**US**
(86)	**International Application No and Filing Date**	**:** :	PCT/US04/000233 08/01/2004
(87)	**International Publication No**	**:**	**WO 04/062689 A1**
(61)	**Patent of addition to Application No**	:	**NIL**
	Filed on	**:**	**N.A.**
(62)	**Divisional to Application No**	:	**NIL**
	Filed on	**:**	**N.A.**

(71) Name of Applicant:
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(72) Name of the Inventor:
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Filed U/S 5(2) before The Patents (Amendment) **Act, 2005: NO**

(57) Abstract:

Stabilized aqueous compositions of tissue factor pathway inhibitor (TFPI) or TFPI variants comprise a solubilizing agent, an antioxidant, and a buffer. The combination of a solubilizing agent and an antioxidant can lead to a significant improvement in the storage life of TFPI or TFPI variant compositions. The solubilizing agent and antioxidant substantially counteract the effects of TFPI or TFPI variant degradation through aggregation and oxidation.

(FIG. -) Nil

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.: 01508/KOLNP/2005 A**
(22) Date of filing of Application: 01/08/2005 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: DETERMINING THE GEOMETRY AND DIMENSIONS OF A THREE-DIMENSIONAL OBJECT

(51)	**International classification**	**:**	**G01B 11/02,**
(31)	**Priority Document No**	**:**	10/385,587
(32)	**Priority Date**	**:**	11/03/2003
(33)	**Name of priority country**	**:**	**US**
(86)	**International Application No and Filing Date**	**:**	PCT/US04/001623 21/01/2004
(87)	**International Publication No**	**:**	**WO 04/081492 A2**
(61)	**Patent of addition to Application No**	:	**NIL**
	Filed on	**:**	**N.A.**
(62)	**Divisional to Application No**	:	**NIL**
	Filed on	**:**	**N.A.**

(71) Name of Applicant:
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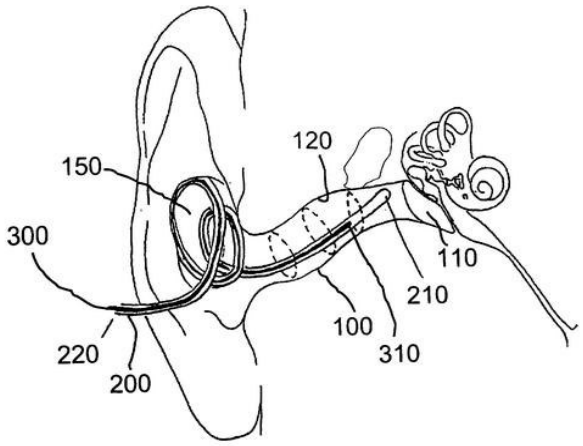
(72) Name of the Inventor:
MASTERS MARTIN W

Filed U/S 5(2) before The Patents (Amendment) **Act, 2005: NO**

(57) Abstract:

The output of a distance measuring or imaging assembly positioned in a lumen of fixed, known geometry and size can provide data sufficient to determine the three-dimensional geometry and dimensions of an object such as an ear canal. The lumen's geometry and dimensions may be predetermined or measured by measuring or imaging an object of known geometry and dimensions.



(FIG. - 1)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.:** 01520/KONPL/2005 **A**
(22) Date of filing of Application: 02/08/2005 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: METHOD AND APPARATUS FOR MEDIUM-REDUNDANT OPERATION OF A TERMINAL IN A NETWORK

(51)	**International classification**	**:**	**H04L 1/22, 12/00, G06F 11/20**
(31)	**Priority Document No**	**:**	**10305415.4**
(32)	**Priority Date**	**:**	**06/02/2003**
(33)	**Name of priority country**	**:**	GERMANY
(86)	**International Application No and Filing Date**	**:**	**PCT/DE03/004130 & 10/12/2003**
(87)	**International Publication No**	**:**	WO 04/071010
(61)	**Patent of addition to Application No**	:	NA
	Filed on	**:**	NA
(62)	**Divisional to Application No**	:	NA
	Filed on	**:**	NA

(71) Name of Applicant:
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HOGA, CLEMENS
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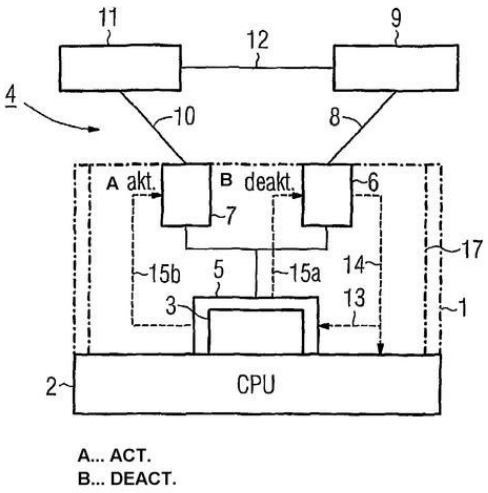
Filed U/S 5(2) before The Patents (Amendment) **Act, 2005:** NO

(57) Abstract:

The invention relates to a method and device for medium-redundant operation of a terminal in a network. The device comprises: a first transmission device (6) of a physical bit transmission plane which is connected to a network component (9) via a first connection medium (8) disposed between the first transmission device (6) and a network component (9) and which can produce an error signal during automatic monitoring of link to the network component (9) if no physical link or if a defective link to the network component (9) exists; another transmission device (7) on the physical bit transmission plane, which is connected to the network (4) via another connection medium (10); and a control device (5) which is connected to the first transmission device (6) and the other transmission device (7) in order to deactivate the first transmission device (6) as a reaction to the error signal therefrom, enabling activation of the other transmission device (7) and enabling an electronic error telegram to be sent to the network (4) via the other connection medium (10) by means of the other transmission device (7). The invention also relates to a method for operating said device.

(FIG). 1



(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.:** 01564/KONPL/2005 **A**
(22) Date of filing of Application: 08/08/2005 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: 4-[(2,4-DICHLORO-5 METHOXYPHENYL) AMINO]-6-ALKOXY 3-QUINOLINECARBONITRILES FOR THE TREATMENT OF ISCHEMIC INJURY

(51)	**International classification**	**:**	**A61K 31/496, 31/4709, A61P 9/10**
(31)	**Priority Document No**	**:**	**60/449,316**
(32)	**Priority Date**	**:**	**21/02/2003**
(33)	**Name of priority country**	**:**	USA
(86)	**International Application No and Filing Date**	**:** :	**PCT/US04/004904 & 19/02/2004**
(87)	**International Publication No**	**:**	WO 04/075898
(61)	**Patent of addition to Application No**	:	NA
	Filed on	**:**	NA
(62)	**Divisional to Application No**	:	NA
	Filed on	**:**	NA

(71) Name of Applicant:
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(72) Name of the Inventor:
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ZALESKA, MARGARET, MARIA
BOSCHELLI, FRANK, CHARLES
ARNDT, KIM, TIMOTHY

Filed U/S 5(2) before The Patents (Amendment) **Act, 2005:** NO

(57) Abstract:

Compounds of the Formula (I), wherein X is N, CH n is an integer from 1-3; and R' and R are independently, alkyl of 1 to 3 carbon atoms, and pharmaceutically acceptable salts thereof, with the proviso that when n is 1, X is not N; are useful for inhibiting vascular permeability caused by disease, injury, or other trauma.

(FIG. Nil).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.: 01572/KOLNP/2005 A**
(22) Date of filing of Application: 08/08/2005 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: SEMI-MODULAR ROTOR MODULE

(51)	**International classification**	**:**	**F28D 19/04**
(31)	**Priority Document No**	**:**	10/375,732
(32)	**Priority Date**	**:**	27/02/2003
(33)	**Name of priority country**	**:**	**US**
(86)	**International Application No and Filing Date**	**:**	PCT/US04/004549 : 12/02/2004
(87)	**International Publication No**	**:**	**WO 04/076953 A1**
(61)	**Patent of addition to Application No**	:	**NIL**
	Filed on	**:**	**N.A.**
(62)	**Divisional to Application No**	:	**NIL**
	Filed on	**:**	**N.A.**

(71) Name of Applicant:
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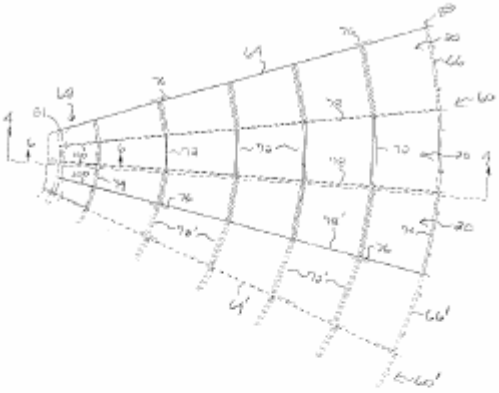
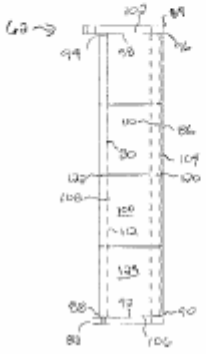
RHODES ROBIN B
ZAKEL MICHAEL

Filed U/S 5(2) before The Patents (Amendment) **Act, 2005: NO**

(57) Abstract:

A semi-modular rotor module (60) for an air preheater (10) having a circular rotor includes a lug assembly (62) having a lug front (80), a lug back (86) spaced radially outward from the lug front (80). A single main diaphragm (64) extends radially from an inner end portion to an outer end portion, with the inner end portion being mounted to the lug front (80) on a first side of the lug assembly (62). The outer end portion is mounted to a rotor shell (66) whish is spaced radially from the lug back (86). At least one intermediate diaphragm (78) extends radially from an inner end portion, mounted to the lug back (86) at a position intermediate the first and second sides of the lug assembly (62), to an outer end portion mounted to the rotor shell (66).





(FIG. –3, 6)

(12) **PATENT APPLICATION PUBLICATION**
(19) **INDIA** (21) **Application No.: 01583/KOLNP/2005** **A**
(22) **Date of filing of Application: 09/08/2005** (43) **Publication Date: 26/01/2007**

(54) **Title of the invention: HTEROCYCLYL-3-SULFONYLIDAZOLES AS 5-HYDROXYTRYPTAMINE-6 LIGANDS**

(51)	**International classification**	:	**C07D 401/04,403/04,A61 K 31/53,A61P 25/00**
(31)	**Priority Document No**	:	60/447,613
(32)	**Priority Date**	:	14/02/2003
(33)	**Name of priority country**	:	**US**
(86)	**International Application No and Filing Date**	:	PCT/US04/003926 : 10/02/2004
(87)	**International Publication No**	:	**WO 04/074243 A3**
(61)	**Patent of addition to Application No**	:	**NIL**
	Filed on	:	**N.A.**
(62)	**Divisional to Application No**	:	**NIL**
	Filed on	:	**N.A.**

(71) **Name of Applicant:**
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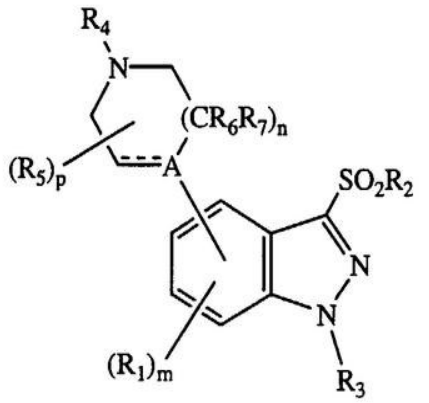
3.ROBICHAUD ALBERT JEAN
4.LIU GUANGCHENG

Filed U/S 5(2) before The Patents (Amendment) **Act, 2005: NO**

(57) Abstract:

The invention provides compounds of formula (I) and the use thereof in the therapeutic treatment of disorders related to or affected by the 5-HT6 receptor.



(I)

(FIG. – Nil)

(12) **PATENT APPLICATION PUBLICATION**
(19) **INDIA** (21) **Application No.: 01601/KOLNP/2005 A**
(22) **Date of filing of Application: 10/08/2005** (43) **Publication Date: 26/01/2007**

(54) **Title of the invention: METHOD FOR PRODUCING MOULD PARTS BY INJECTION AND A PLUGGED NEEDLE NOZZLE FOR AN INJECTION MOULDS**

(51)	**International classification**	:	**B29C 45/17**
(31)	**Priority Document No**	:	103 05 756.0
(32)	**Priority Date**	:	11/02/2003
(33)	**Name of priority country**	:	**DE**
(86)	**International Application No and Filing Date**	:	PCT/EP04/001265 11/02/2004
(87)	**International Publication No**	:	**WO 04/071742 A1**
(61)	**Patent of addition to Application No**	:	**NIL**
	Filed on	:	**N.A.**
(62)	**Divisional to Application No**	:	**NIL**
	Filed on	:	**N.A.**

(71) **Name of Applicant:**
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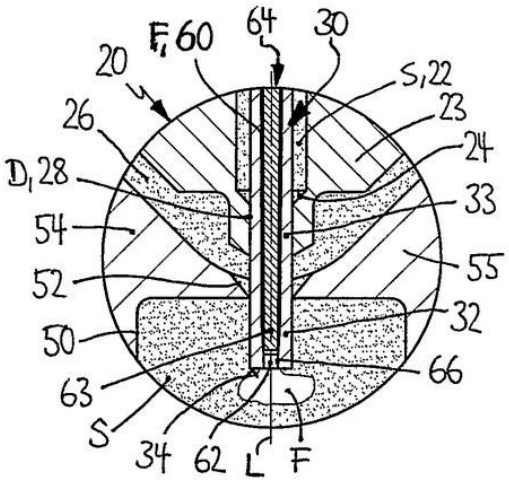
Filed U/S 5(2) before The Patents (Amendment) **Act, 2005: NO**

(57) Abstract:

The invention relates to a needle-sealed nozzle (10) for an injection mould whose injection nozzle (20) for introducing a fluid molten material (S) into a mould cavity (50) can be sealed on the end thereof by a closing needle (30). Said closing needle is provided with an injection channel (60) extending to an outlet orifice (62) for injecting a fluid (F) into the molten material (s) which is introduced into the mould cavity. Said outlet orifice is formed on the end face (34) of the closing needle for the molten material and can be closed by a fluid closing needle (64) which is axially displaceable in the closing needle for the molten material (30). Said closing needle for the molten material (30) can be moved from an opening position to a first and second closing position by a drive (40) For this purpose, the cylindrical closing part (33) of the closing needle (30) enters, in an accurately adjusted manner, a sealing seat (D) which is preferably formed in the injection nozzle (20) or in the end bit (23) of the nozzle. In order to inject a fluid, the closing needle for the molten material (30) is placed in the first closing position and extends by the end thereof on the nozzle side towards the mould cavity (50) in such a way that the outlet orifice (62) for fluid (F) reaches the molten material (S) introduced in the mould cavity (50). The fluid being injected, the molten material (S) is extracted from the injection nozzle (20), if necessary and introduced in an injection hole (I) created by the fluid injection. For this purpose, the closing needle for the molten material (30) is displaced to the second closing position, the injection hole (I) being closed with the supplied molten material (s).

(FIG. - 4)



(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.: 01634/KOLNP/2005 A**
(22) Date of filing of Application: 16/08/2005 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: AMPOULE

(51)	**International classification**	**:**	**A61J 1/06,1/00**
(31)	**Priority Document No**	**:**	103 17 665.9
(32)	**Priority Date**	**:**	17/04/2003
(33)	**Name of priority country**	**:**	**DE**
(86)	**International Application No and Filing Date**	**:**	PCT/EP04/000473 : 22/01/2004
(87)	**International Publication No**	**:**	**WO 04/091472 A1**
(61)	**Patent of addition to Application No**	:	**NIL**
	Filed on	**:**	**N.A.**
(62)	**Divisional to Application No**	:	**NIL**
	Filed on	**:**	**N.A.**

(71) Name of Applicant:
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(72) Name of the Inventor:
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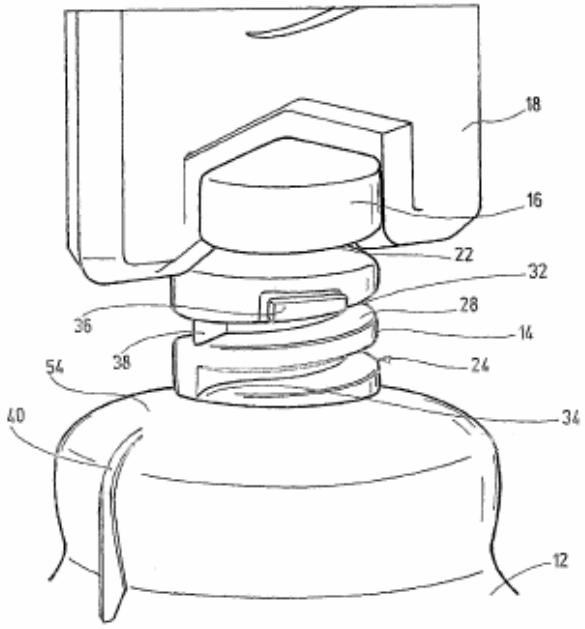
Filed U/S 5(2) before The Patents (Amendment) **Act, 2005: NO**

(57) Abstract:

The invention relates to a plastic ampoule which comprises a container (12) for receiving a defined fluid. Said container is provided with a neck (14) that can be closed by means of a head (16), the neck comprising a channel-type entrance port (24) for air to the interior (26) of the container (12). The aim of the invention is to improve the generic ampoule types in such a manner that the fluid can be safely stored and the syringe or needle base is reliably filled at any speed of withdrawal by means of the syringe or needle base. For this purpose, the entrance port (24) for air consists of at least one ring channel (28, 30) that is at least partially disposed on the outer and/or inner periphery of the neck (14).



(FIG. -1)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.:** 01638/KOLNP/2005 **A**
(22) Date of filing of Application: 16/08/2005 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: PROTEIN PURIFICATION

(51)	**International classification**	**:**	**A61K 39/395**
(31)	**Priority Document No**	**:**	**60/084,459**
(32)	**Priority Date**	**:**	**06/05/1998**
(33)	**Name of priority country**	**:**	**USA**
(86)	**International Application No and Filing Date**	**:**	**PCT/US99/09637 & 03/05/1999**
(87)	**International Publication No**	**:**	WO
(61)	**Patent of addition to Application No Filed on**	:	NA NA
(62)	**Divisional to Application No**	:	IN/PCT/2000/00391
	Filed on	**:**	11/10/2000

(71) Name of Applicant:
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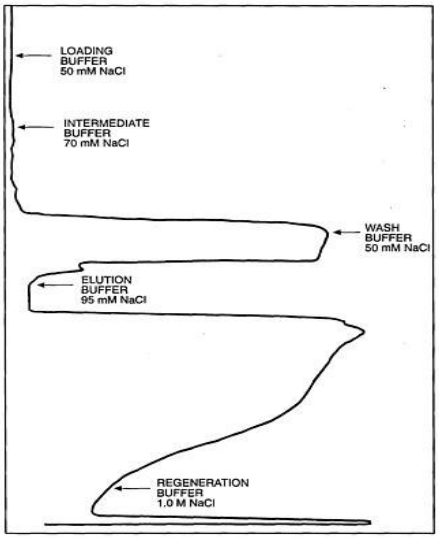
(72) Name of the Inventor:
BASEY, CAROL D.
BLANK, GREG S.

Filed U/S 5(2) before The Patents (Amendment) **Act, 2005:** NO

(57) Abstract:

A method for purifying a polypeptide by ion exchange chromatography is described which involves changing the conductivity and/or pH of buffers in order to resolve a polypeptide of interest from one or more contaminants.



(FIG). 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.: 01660/KOLNP/2005 A**
(22) Date of filing of Application: 19/08/2005 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: NEMATODE POLYPEPTIDE ADJUVANT

(51)	**International classification**	**:**	**A61K 39/39,39/385**
(31)	**Priority Document No**	**:**	0301433.9
(32)	**Priority Date**	**:**	22/01/2003
(33)	**Name of priority country**	**:**	**GB**
(86)	**International Application No and Filing Date**	**:**	PCT/GB04/000149 : 21/01/2004
(87)	**International Publication No**	**:**	**WO 04/064864 A1**
(61)	**Patent of addition to Application No**	:	**NIL**
	Filed on	**:**	**N.A.**
(62)	**Divisional to Application No**	:	**NIL**
	Filed on	**:**	**N.A.**

(71) Name of Applicant:
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(72) Name of the Inventor:
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Filed U/S 5(2) before The Patents (Amendment) **Act, 2005: NO**

(57) Abstract:

The invention relates to a set of novel immunological adjuvants based upon so called 'polyladder' proteins of nematode worms. These proteins are typified by repeating units separated by a protease cleavage motif of RX(K/R)R or RXFR where R is ariginine, X is any amino acid, K is lysine and F is phenylalanine. These motifs are preceded by a cysteine residue at around 7, 8 or 9 residues upstream. Polyladder proteins or fragments of polyladder proteins may be used as immunological adjuvants either mixed with, or conjugated to a vaccine antigen, and will strongly enhance the immune response against the antigen. Conjugation may take the form of a genetic fusion between adjuvant and antigen. Antigens may be derived from pathogens, or may be tumour antigens, autoantigens, or antigens of other kinds. Vaccines may be used for prophylaxis or therapy.

(FIG. - nil)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.:** 01703/KONPL/2005 **A**
(22) Date of filing of Application: 26/08/2005 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: COMPOSITIONS CONTAINING SUBSTITUTED QUINOLINES AND SUBSTITUTED DIPHENYL SULFONES AND METHODS OF USE

(51)	**International classification**	**:**	**A61K 31/10, 31/49, 31/4706**
(31)	**Priority Document No**	**:**	**60/443,219**
(32)	**Priority Date**	**:**	**27/01/2003**
(33)	**Name of priority country**	**:**	USA
(86)	**International Application No and Filing Date**	**:** :	**PCT/US04/002147 & 27/01/2004**
(87)	**International Publication No**	**:**	WO 04/066940
(61)	**Patent of addition to Application No**	:	NA
	Filed on	**:**	NA
(62)	**Divisional to Application No**	:	NA
	Filed on	**:**	NA

(71) Name of Applicant:
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(72) Name of the Inventor:
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JACOBUS, DAVID, P

Filed U/S 5(2) before The Patents (Amendment) **Act, 2005:** NO

(57) Abstract:

Combination therapies of substituted quinolines and substituted diphenyl sulfones are disclosed. More specifically, compositions containing substituted quinolines and substituted diphenyl sulfones are disclosed. In addition, methods of using the compositions in the treatment of neurodegenerative disorders, including, *inter alia,* Alzheimer's dementia, HIV-1 associated dementia, and Creutzfeld-Jakob disease are also disclosed.

(FIG- Nil).

(12) **PATENT APPLICATION PUBLICATION**
(19) **INDIA** (21) **Application No.: 01751/KOLNP/2005** **A**
(22) **Date of filing of Application: 05/09/2005** (43) **Publication Date: 26/01/2007**

(54) **Title of the invention: WATER PURIFICATION SYSTEM**

(51)	**International classification**	:	**C02F 1/44**
(31)	**Priority Document No**	:	2003901279
(32)	**Priority Date**	:	19/03/2003
(33)	**Name of priority country**	:	**AU**
(86)	**International Application No and Filing Date**	:	PCT/AU04/000355 19/03/2004
(87)	**International Publication No**	:	**WO 04/083126 A1**
(61)	**Patent of addition to Application No Filed on**	:	**NIL N.A.**
(62)	**Divisional to Application No Filed on**	:	**NIL N.A.**

(71) **Name of Applicant:**
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(72) Name of the Inventor:
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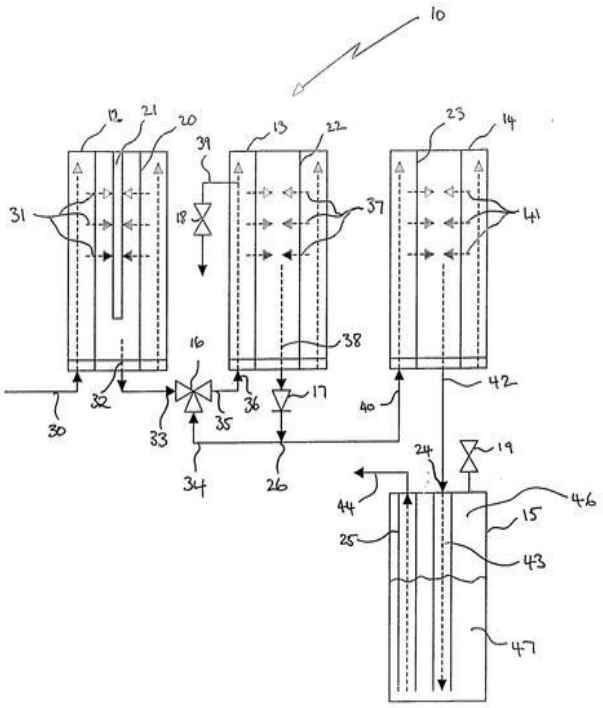
Filed U/S 5(2) before The Patents (Amendment) **Act, 2005: NO**

(57) Abstract:

A water purification system for purifying and storing drinking water, the system comprising: a pre-treatment stage for filtering untreated water to form pre-treated water; a three-way valve having an outlet and first and second inlets, each inlet having a flow regulator which regulates the flow of water into the three-way valve; a main treatment stage for treating pre-treated water by reverse osmosis or ultra-filtration to form treated water at a treated pressure; a storage stage for storing treated water in a storage vessel at a storage pressure which increases as the storage vessel is filled, the maximum storage pressure being less than or equal to the treated pressure; wherein: the pre-treated water passes through the three-way valve in passage between the pre-treatment stage and the main treatment stage, the pre-treated water entering the first inlet of the three-way valve and exiting the outlet of the three-way valve; the treated water is separated into a storage stream connected to the storage stage and a recycle stream connected to the second inlet of the three-way valve; when the storage vessel is full of treated water at the maximum storage pressure, the first and second inlets of the three-way valve are closed; and when the pressure of treated water in the storage vessel is less than the maximum storage pressure, both flow regulators open until the maximum storage pressure is restored.



(FIG. - 1)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.: 01768/KOLNP/2005 A**
(22) Date of filing of Application: 06/09/2005 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: MELAMINE AND GUANAMINE-BASED CROSSLINKING COMPOSITION

(51)	**International classification**	**:**	**C08G 12/40,12/42,C09D 161/32**
(31)	**Priority Document No**	**:**	10/403,442
(32)	**Priority Date**	**:**	31/03/2003
(33)	**Name of priority country**	**:**	**US**
(86)	**International Application No and Filing Date**	**:** :	PCT/US04/005719 26/02/2004
(87)	**International Publication No**	**:**	**WO 04/094498 A1**
(61)	**Patent of addition to Application No**	:	**NIL**
	Filed on	**:**	**N.A.**
(62)	**Divisional to Application No**	:	**NIL**
	Filed on	**:**	**N.A.**

(71) Name of Applicant:
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2.JACOB III WILLIAM
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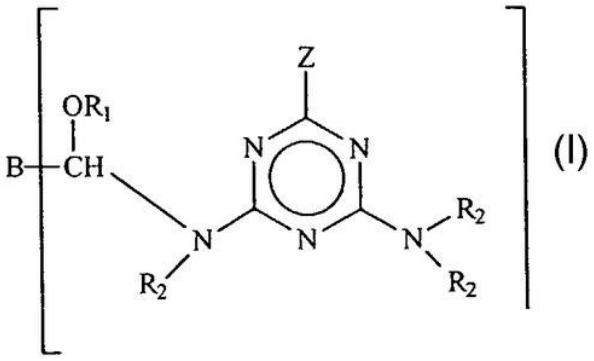
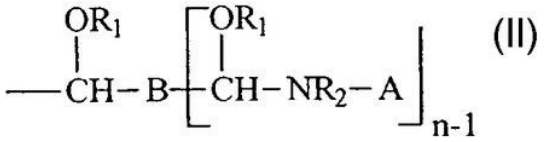
Filed U/S 5(2) before The Patents (Amendment) **Act, 2005: NO**

(57) Abstract:

This invention relates to a crosslinking composition comprising a compound having the structure of Formula (I): where Z is a hydrogen, an alkyl of 1 to about 18 carbon atoms, an aryl of about 6 to about 24 carbon atoms, an aralkyl of about 7 to about 24 carbon atoms, or-NR_2R_2; each R_2 is independently hydrogen, an alkyl, aryl or an aralkyl of 1 to about 18 carbon atoms or R_3; where R_3 is-$CHROR_1$or (a) where R is alkyl, halogenated alkyl, aryl, aralkyl, halogenated aralkyl, alkoxyalkyl or an alkaryl having from 1 to about 24 carbon atoms; R_1 is a hydrogen, alkyl, aryl, aralkyl, alkoxyalkyl or an alkaryl having from 1 to about 24 carbon atoms; and where the aalkyl or aryl groups in each radical may optionally have heteroatoms in their structure; B is a resifue of a poly(alkylaldehyde) with n aldehyde groups; n is an integer of 2 to about 4; and A is an amino moiety derived from the group consisting of guanamine and melamine. The above composition may be prepared by reacting a melamine or guanamine with a mono(alkylaldehyde), a poly(alkylaldehyde) and an alcohol.





(FIG. Nil)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.: 01799/KOLNP/2005 A**
(22) Date of filing of Application: 12/09/2005 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: USE OF L-CARNITINE FOR THE TREATMENT OF CARDIOVASCULAR DISEASES

(51)	**International classification**	**:**	**A61K 31/205,A61P 9/10**
(31)	**Priority Document No**	**:**	RM2003 A 000178
(32)	**Priority Date**	**:**	17/04/2003
(33)	**Name of priority country**	**:**	**IT**
(86)	**International Application No and Filing Date**	**:**	PCT/IT04/000107 03/03/2004
(87)	**International Publication No**	**:**	**WO 04/091602 A1**
(61)	**Patent of addition to Application No**	:	**NIL**
	Filed on	**:**	**N.A.**
(62)	**Divisional to Application No**	:	**NIL**
	Filed on	**:**	**N.A.**

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(72) Name of the Inventor:
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Filed U/S 5(2) before The Patents (Amendment) **Act, 2005: NO**

(57) Abstract:

The use of L-carnitine or one of its pharmaceutically acceptable salts is described for the preparation of a medicine useful for reducing the number of deaths caused by acute myocardial infarction and for improving the short-and-long-term prognosis in the patients treated with it, in which L-carnitine is administered parenterally within the first few hours of onset of the symptoms of acute myocardial infarction at an initial dose of 9 grams a day for 5 days, after which the treatment is continued at a dose of 4 grams a day by the enteral route.

(FIG. - nil)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.: 01829/KOLNP/2005 A**
(22) Date of filing of Application: 14/09/2005 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: LIPID PARTICLES HAVING ASYMMETRIC LIPID COATING AND METHOD OF PREPARING SAME

(51)	**International classification**	**:**	**A61K 9/127**
(31)	**Priority Document No**	**:**	60/459,305
(32)	**Priority Date**	**:**	31/03/2003
(33)	**Name of priority country**	**:**	**US**
(86)	**International Application No and Filing Date**	**:**	PCT/US04/009809 : 30/03/2004
(87)	**International Publication No**	**:**	**WO 04/089339 A2**
(61)	**Patent of addition to Application No**	:	**NIL**
	Filed on	**:**	**N.A.**
(62)	**Divisional to Application No**	:	**NIL**
	Filed on	**:**	**N.A.**

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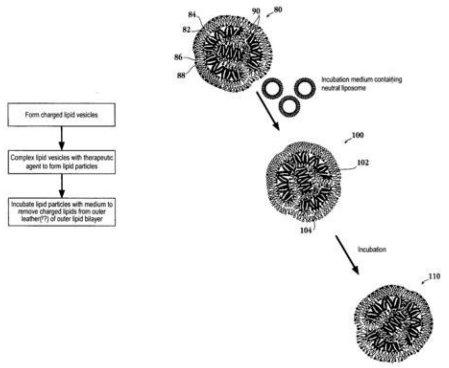
Filed U/S 5(2) before The Patents (Amendment) **Act, 2005: NO**

(57) Abstract:

A method of preparing lipid particles having an asymmetric lipid coating is described. The lipid composition of the outer lipid coating of the particles varies from the inner to outer surfaces. The asymmetric lipid particles are formed by preparing a lipid composition containing a charged lipid and a therapeutic agent, where the particles each have an outer lipid coating with an external lipid leaflet and an internal lipid structure. The particles are then incubated under conditions effective to remove the charged lipid from the external lipid leaflet, thus rendering the lipid coating asymmetric. The particles have the ability to their regain surface charge via translocation of the lipids.



(FIG. – 2b)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.: 01832/KOLNP/2005 A**
(22) Date of filing of Application: 14/09/2005 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: BIFUNCTIONAL HETEROCYCLIC COMPOUNDS AND METHODS OF MAKING AND USING THE SAME

(51)	**International classification**	**:**	**C07H 17/00,17/08,A61K 31/7048,A61P 31/04,35/00**
(31)	**Priority Document No**	**:**	60/451,951
(32)	**Priority Date**	**:**	05/03/2003
(33)	**Name of priority country**	**:**	**US**
(86)	**International Application No and Filing Date**	**:**	PCT/US04/006892 : 05/03/2004
(87)	**International Publication No**	**:**	**WO 04/078770 A1**
(61)	**Patent of addition to Application No**	:	**NIL**
	Filed on	**:**	**N.A.**
(62)	**Divisional to Application No**	:	**NIL**
	Filed on	**:**	**N.A.**

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Filed U/S 5(2) before The Patents (Amendment) **Act, 2005: NO**

(57) Abstract:

The invention provides a family of bifunctional heterocyclic compounds useful as antiinfective, anti-proliferative, anti-inflammatory, and prokinetic agents. The invention also provides methods of making the bifunctional heterocyclic compounds, and methods of using such compounds as anti-infective, anti-proliferative agents, anti-inflammatory, and/or prokinetic agents.

(FIG. - nil)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.:** 01839/KONPL/2005 **A**
(22) Date of filing of Application: 15/09/2005 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: METHOD FOR DISTILLATION OF ORGANOSILICON COMPOUNDS THAT CONTAIN ACRYLOXY OR METHACRYLOXY GROUPS

(51)	**International classification**	**:**	**C07F 7/12, 7/20**
(31)	**Priority Document No**	**:**	**2003-081936**
(32)	**Priority Date**	**:**	**25/03/2003**
(33)	**Name of priority country**	**:**	JAPAN
(86)	**International Application No and Filing Date**	**:**	**PCT/JP04/003786 & 19/03/2004**
(87)	**International Publication No**	**:**	WO 04/085446
(61)	**Patent of addition to Application No**	:	NA
	Filed on	**:**	NA
(62)	**Divisional to Application No**	:	NA
	Filed on	**:**	NA

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Filed U/S 5(2) before The Patents (Amendment) **Act, 2005:** NO

(57) Abstract:

A method for distillation of organosilicon compounds that contain acryloxy or methacryloxy groups characterized by subjecting an organosilicon compound (A) that contains acryloxy or methacryloxy groups to distillation in the presence of a polymerization inhibitor (B) and a compound (C) with aliphatic conjugated unsaturated bonds.

(FIG). nil

(12) **PATENT APPLICATION PUBLICATION**
(19) **INDIA** (21) **Application No.: 01861/KOLNP/2005** **A**
(22) **Date of filing of Application: 19/09/2005** (43) **Publication Date: 26/01/2007**

(54) **Title of the invention: ELECTROMAGNETIC PUMP**

(51)	**International classification**	:	**F04B**
(31)	**Priority Document No**	:	60/464,317
(32)	**Priority Date**	:	21/04/2003
(33)	**Name of priority country**	:	**US**
(86)	**International Application No and Filing Date**	:	PCT/US04/011707 15/04/2004
(87)	**International Publication No**	:	**WO 04/094820 A2**
(61)	**Patent of addition to Application No**	:	**NIL**
	Filed on	:	**N.A.**
(62)	**Divisional to Application No**	:	**NIL**
	Filed on	:	**N.A.**

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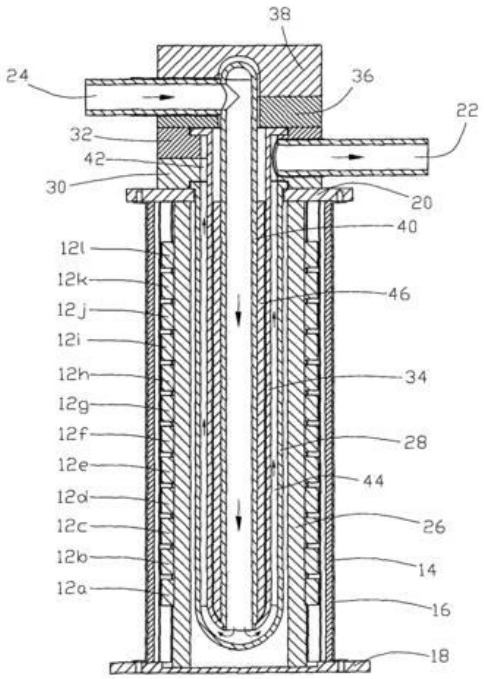
Filed U/S 5(2) before The Patents (Amendment) **Act, 2005: NO**

(57) Abstract:

An electromagnetic pump has a supply section and a magnetic force pumping section wherein flow of an electrically conductive material through the supply section is opposite to the flow of the material in the magnetic force pumping section in some examples. Multiple coils surround the supply and magnetic force pumping sections. Current flowing through the multiple coils creates magnetic fields that magnetically couple with a magnetic material disposed between the supply and magnetic force pumping sections so that the fields penetrate the electrically conductive material in the magnetic force pumping section substantially perpendicular to the desired flow direction which maximizes the magnitudes of magnetic forces applied to the electrically conductive material.



(FIG. – 3a)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.:** 01881/KONPL/2005 **A**
(22) Date of filing of Application: 21/09/2005 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: SOLID STATE ENERGY CONVERTER

(51)	**International classification**	**:**	**H01L 31/00**
(31)	**Priority Document No**	**:**	**60/454,511**
(32)	**Priority Date**	**:**	**13/03/2003**
(33)	**Name of priority country**	**:**	USA
(86)	**International Application No and Filing Date**	**:**	**PCT/US04/007921 & 15/03/2004**
(87)	**International Publication No**	**:**	WO 04/084272
(61)	**Patent of addition to Application No**	:	NA
	Filed on	**:**	NA
(62)	**Divisional to Application No**	:	NA
	Filed on	**:**	NA

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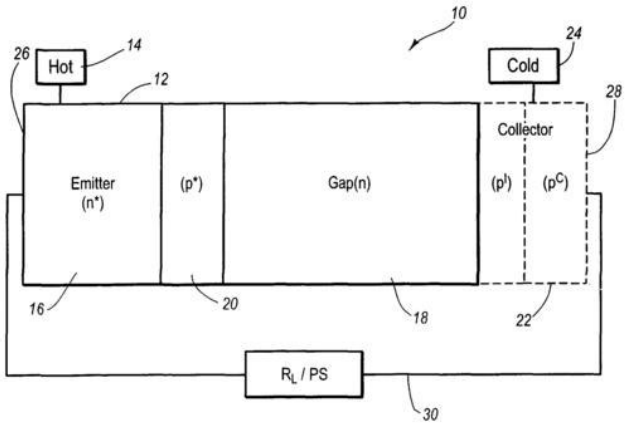
HAGELSTEIN, PETER, L.

Filed U/S 5(2) before The Patents (Amendment) **Act, 2005:** NO

(57) Abstract:

A solid-state energy converter with a semiconductor or semiconductor-metal implementation is provided for conversion of thermal energy to electric energy, or electric energy to refrigeration. In *n*-type heat-to-electricity embodiments, a highly doped n^* emitter region made of a metal or semiconductor injects carriers into an *n*-type gap region. A *p*-type layer is positioned between the emitter region and gap region, allowing for discontinuity of corresponding Fermi-levels and forming a potential barrier to sort electrons by energy. Additional *p*-type layers can optionally be formed on the collector side of the converter. One type of these layers with higher carrier concentration (p^*) serves as a blocking layer at the cold side of the converter, and another layer (p^{**}) with carrier concentration close to the gap reduces a thermoelectric back flow component. Ohmic contacts on both sides of the device close the electrical circuit through an external load to convert heat to electricity. In the case of a refrigerator, the external load is substituted by an external power supply.



(FIG). 1

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.:** 01926/KONPL/2005 **A**
(22) Date of filing of Application: 27/09/2005 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: ADVERTISING DISPLAY PANEL WITH DIFFUSION OF SCENTS

(51)	**International classification**	**:**	**G09F 15/00, 19/00, 19/22, 23/00, A61L 9/14, B65D 83/16**
(31)	**Priority Document No**	**:**	**0304117**
(32)	**Priority Date**	**:**	**28/03/2003**
(33)	**Name of priority country**	**:**	FRANCE
(86)	**International Application No and Filing Date**	**:**	**PCT/EP04/050390 & 29/03/2004**
(87)	**International Publication No**	**:**	WO 04/086336
(61)	**Patent of addition to Application No**	:	NA
	Filed on	**:**	NA
(62)	**Divisional to Application No**	:	NA
	Filed on	**:**	NA

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(72) Name of the Inventor:
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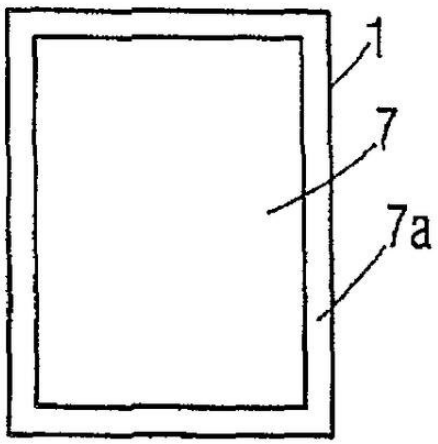
Filed U/S 5(2) before The Patents (Amendment) **Act, 2005:** NO

(57) Abstract:

The invention relates to an advertising panel (1) which is designed to display an advertising message and to diffuse a scent which is associated with the contents of the visually-displayed message. The inventive panel comprises a parallelepiped volume containing: an assembly which is used to display an advertising message that is disposed opposite a display window (7), and at least one scent diffuser (10) which is connected to a scent-diffusing element (11) which is in turn installed opposite an opening (1a) in the panel, such as to diffuse a scented flow to the exterior. The aforementioned diffusing element (11) is connected to the head (13) of the scent diffuser (10), thereby ensuring that a carrier gas is mixed with the scented fluid contained in the receptacle (12). According to the invention, the scented flow obtained at the outlet of the head is pulsed towards the diffusing element (11) and, subsequently, to the exterior of the panel.



(FIG). 1

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.: 01931/KOLNP/2005 A**
(22) Date of filing of Application: 28/09/2005 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: DEVICES, METHODS AND COMPOSITIONS TO PREVENT RESTENOSIS

(51)	**International classification**	**:**	**A61F 2/00**
(31)	**Priority Document No**	**:**	60/458,521
(32)	**Priority Date**	**:**	28/03/2003
(33)	**Name of priority country**	**:**	**US**
(86)	**International Application No and Filing Date**	**:**	PCT/SU04/010212 : 29/03/2004
(87)	**International Publication No**	**:**	**WO 04/087045 A3**
(61)	**Patent of addition to Application No**	:	**NIL**
	Filed on	**:**	**N.A.**
(62)	**Divisional to Application No**	:	**NIL**
	Filed on	**:**	**N.A.**

(71) Name of Applicant:
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Filed U/S 5(2) before The Patents (Amendment) **Act, 2005: NO**

(57) Abstract:

Medical devices, compositions and methods to prevent or reduce restenosis using epothilones, geldanamycin analogs, and rapamycin or rapamycin analogs alone or in synergistic combinations.

(FIG. -nil)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.: 01940/KOLNP/2005 A**
(22) Date of filing of Application: 30/09/2005 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: SILICON OXIDE BASED ARTICLES

(51)	**International classification**	**:**	**C03B 19/12**
(31)	**Priority Document No**	**:**	NO 2003 A 000006
(32)	**Priority Date**	**:**	21/03/2003
(33)	**Name of priority country**	**:**	**IT**
(86)	**International Application No and Filing Date**	**:**	PCT/EP04/002578 : 12/03/2004
(87)	**International Publication No**	**:**	**WO 04/083138 A1**
(61)	**Patent of addition to Application No**	:	**NIL**
	Filed on	**:**	**N.A.**
(62)	**Divisional to Application No**	:	**NIL**
	Filed on	**:**	**N.A.**

(71) Name of Applicant:
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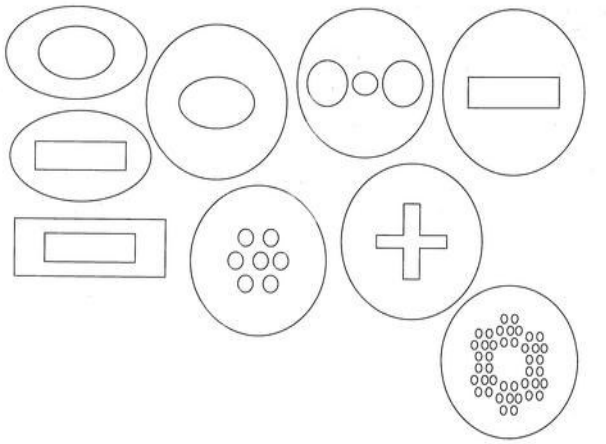
Filed U/S 5(2) before The Patents (Amendment) **Act, 2005: NO**

(57) Abstract:

Particularly shaped articles constituted by silicon oxide, as such or suitably additivated, prepared by room temperature molding according to a process comprising: - preparation of a sol starting from a silicon alcoxide, or from a silicon alcoxide and at least a precursor of at least one of the additional elements; hydrolysis of the sol obtained thereby; addition of colloidal silica; pouring ;the resulting mixture into the desired mould; sol gelling and fast removal of the solid product; gel drying; gel densification by means of a thermal treatment at temperature ranging from 900°C to 1500°C. The articles can be used as performs for the optical fiber spinning.



(FIG. - 1)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.: 02021/KOLNP/2005 A**
(22) Date of filing of Application: 14/10/2005 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: MEHOD AND DEVICE FOR BREWING BEER

(51)	**International classification**	**:**	**C12C 13/02**
(31)	**Priority Document No**	**:**	03008100.4
(32)	**Priority Date**	**:**	15/04/2003
(33)	**Name of priority country**	**:**	**EP**
(86)	**International Application No and Filing Date**	**:**	PCT/EP04/002286 : 05/03/2004
(87)	**International Publication No**	**:**	**WO 04/092321 A1**
(61)	**Patent of addition to Application No**	:	**NIL**
	Filed on	**:**	**N.A.**
(62)	**Divisional to Application No**	:	**NIL**
	Filed on	**:**	**N.A.**

(71) Name of Applicant:
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Filed U/S 5(2) before The Patents (Amendment) **Act, 2005: NO**

(57) Abstract:

The invention relates to a device for brewing beer, especially a wort pan (1), which comprises a container base (2) for receiving a reservoir of wort (3). The device comprises an internal boiler (4) disposed inside the container base (2) and provided with a heat exchanger (5) and a guiding screen (8). A wort forced flow (10) is provided with a pump (12) and extends through the boiler (4). In order to increase effectiveness of the device, the wort forced flow (10) comprises a thin-film distributor (17) for the wort, which in turn comprises a tube subsection (11b) linked with the pump (12). Said section runs into the container base (2) with a reduced outlet cross-section via an outlet opening (13) upstream of the guiding screen (8). A flow-guiding baffle surface (15) is provided upstream of the outlet opening (13), against which the wort flows from below and which deflects the liquid towards the reservoir of wort (3).

(FIG. -nil)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.: 02051/KOLNP/2005** **A**
(22) Date of filing of Application: 19/10/2005 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: HERMETICALLY SEALED PRODUCT AND RELATED METHODS OF MANUFACTURE

(51)	**International classification**	**:**	**H01L 21/50,23/10**
(31)	**Priority Document No**	**:**	60/461,196
(32)	**Priority Date**	**:**	09/04/2003
(33)	**Name of priority country**	**:**	**US**
(86)	**International Application No and Filing Date**	**:**	PCT/US04/010366 : 06/04/2004
(87)	**International Publication No**	**:**	**WO 04/091445 A3**
(61)	**Patent of addition to Application No**	:	**NIL**
	Filed on	**:**	**N.A.**
(62)	**Divisional to Application No**	:	**NIL**
	Filed on	**:**	**N.A.**

(71) Name of Applicant:
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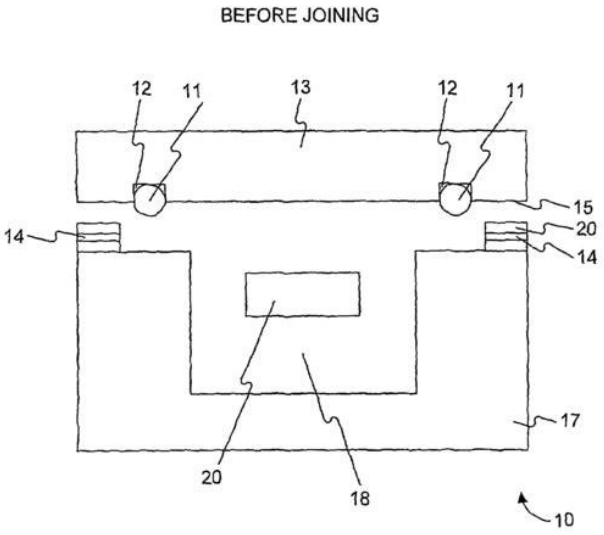
DEGER DALE
WEIHS TIMOTHY P
KNIO OMAR M

Filed U/S 5(2) before The Patents (Amendment) **Act, 2005: NO**

(57) Abstract:

Embodiments of the invention include a method for sealing a container. The method includes, providing at least two components of the container, positioning a crushable material between the at least two components, positioning a reactive multilayer material between the at least two components, deforming the crushable material so as to form a seal between the at least two components, chemically transforming the reactive multilayer material so as to join the at least two components.



(FIG. – 1a)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA **(21) Application No.: 02053/KOLNP/2005 A**
(22) Date of filing of Application: 19/10/2005 **(43) Publication Date: 26/01/2007**

(54) Title of the invention: SYSTEM AND METHOD FOR TRACKING OF MAIL USING A UNIVERSAL CODING SYSTEM

(51)	**International classification**	**:**	**G06F**
(31)	**Priority Document No**	**:**	60/460,449
(32)	**Priority Date**	**:**	04/04/2003
(33)	**Name of priority country**	**:**	**US**
(86)	**International Application No and Filing Date**	**:**	PCT/US04/007705 : 02/04/2004
(87)	**International Publication No**	**:**	**WO 04/095225 A2**
(61)	**Patent of addition to Application No**	:	**NIL**
	Filed on	**:**	**N.A.**
(62)	**Divisional to Application No**	:	**NIL**
	Filed on	**:**	**N.A.**

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HAMILTON DARYL

Filed U/S 5(2) before The Patents (Amendment) **Act, 2005: NO**

(57) Abstract:

A method of tracking trays through a delivery system. The method comprises: generating an enhanced label, the enhanced label comprising a routing code and a label unique identifier, the enhanced label being applied to the tray; associating a tray with a container, the container having a container unique identifier; and receiving a load container scan, the load container scan associating the container unique identifier with the enhanced label.

(FIG. -nil)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/12/2006

(21) Application No.3934/KOLNP/2006 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : CONSTRUCTION PAYMENT MANAGEMENT SYSTEM AND METHOD

(51) International classification :G06Q40/00, G06Q30/00,
(31) Priority Document No :60/583,782
(32) Priority Date :29/06/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/001369
Filing Date :10/01/2005
(87) International Publication No :WO2006/011904 A2
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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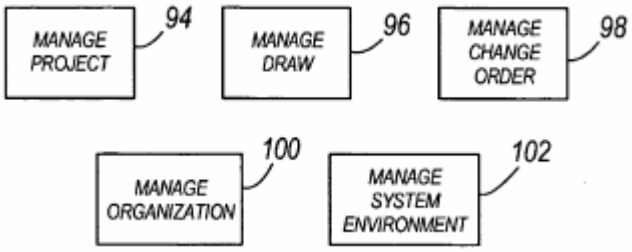
1)ALLIN,PATRICK,J
2)CHERRY,CHARLES,C
3)EICHHORN,WILLIAM,H
4)FLYNN,MICHAEL,L
5)NIDEN,HOWARD,L
6)PEDERSEN,RICHARD,P.,JR
7)BAGLEY,MATTHEW,R

(57) Abstract :
System and method for managing a construction payment process. One method embodying the invention can include allowing a participant to receive a payment associated with a project by accessing registration information. A method can include generating a real-time notification of a draw. Another method can include generating an automated invoice including one or more line items. Still another method can include automatically generating a sworn statement including dollar amounts from automated invoices. Yet another method can include receiving an acknowledgement that a participant has received funds and substantially simultaneously releasing a lien waiver. Another method embodying the invention can include reconciling a primary budget and secondary budgets including line items before administering a draw.



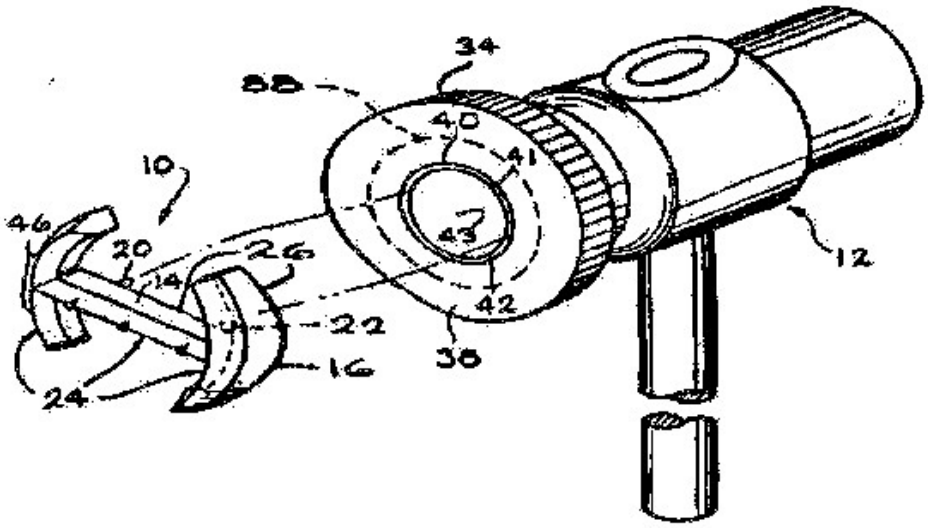
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/02/2003

(21) Application No.00229/DELNP/2003 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : "ADJUSTABLE ANTI-SPLITTING DEVICE"

(51) International classification	:F16B 15/00	(71)**Name of Applicant :**
(31) Priority Document No	:09/658,686	**1)U.C. COATING CORPORATION**
(32) Priority Date	:08/09/2000	Address of Applicant :1066, 2250 FILLMORE AVENUE,
(33) Name of priority country	:U.S.A.	BUFFALO, NY 14215, U.S.A. U.S.A.
(86) International Application No	:PCT/US01/27245	(72)**Name of Inventor :**
Filing Date	:31/08/2001	**1)MURRAY NORMAN E.**
(87) International Publication No	:WO 02/21001	**2) WAGNER DAVID H.**
(61) Patent of Addition to Application Number	:NA	**3)HIGGINS JAMES A.**
Filing Date	:NA	**4) JOHEL THOMAS A.**
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
The anti-splitting device (10) of the present invention has a central web portion (14) and a pair of end web portions (16, 18), which are joined adjacent to their midpoints to opposite ends of the central web portion (14) to provide the device with generally I-shaped cross-sectional configurations. The web portions have first side edges (14b, 16b, 18b) tapered to define a cutting edge and second side edges (14b, 16b, 18b) serving to define a planar driven surface (26) disposed parallel to the cutting edge. And on the central web portion (14) arc at least two projections (20, 22) to upstand from driven surface. The projections (20,22) are adapted to removably attach the; device (10) to a driver employed to insert the device into a log. The driver (12) of the present invention is preferably in the from of a manually operational hammer having a planar driver surface (38) of circular plan from configuration and a circular groove (40) that has a n outer diameter equidistant and an inner diameter equidistant from a given fixed point, the center of the planar driving surface (38). The groove (40) receives the projections (20, 22) and contacts a predetermined portion of the projections; the projections exert a force on either the outer diameter or the inner diameter, and do not contact both diameters at the same time. The device can then be freely rotated in the groove to obtain a desired position on the driver surface. Thus, the device can be driven into the end of a log upon swinging of the driver, and the projections will not remain in the groove, if they happen to break off.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/02/2003
(21) Application No.00239/DELNP/2003 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : "CIRCUIT BREAKER"

(51) International classification :H01H 33/36
(31) Priority Document No :0003030-4
(32) Priority Date :28/08/2000
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE01/01819
Filing Date :27/08/2001
(87) International Publication No :WO 02/19360
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

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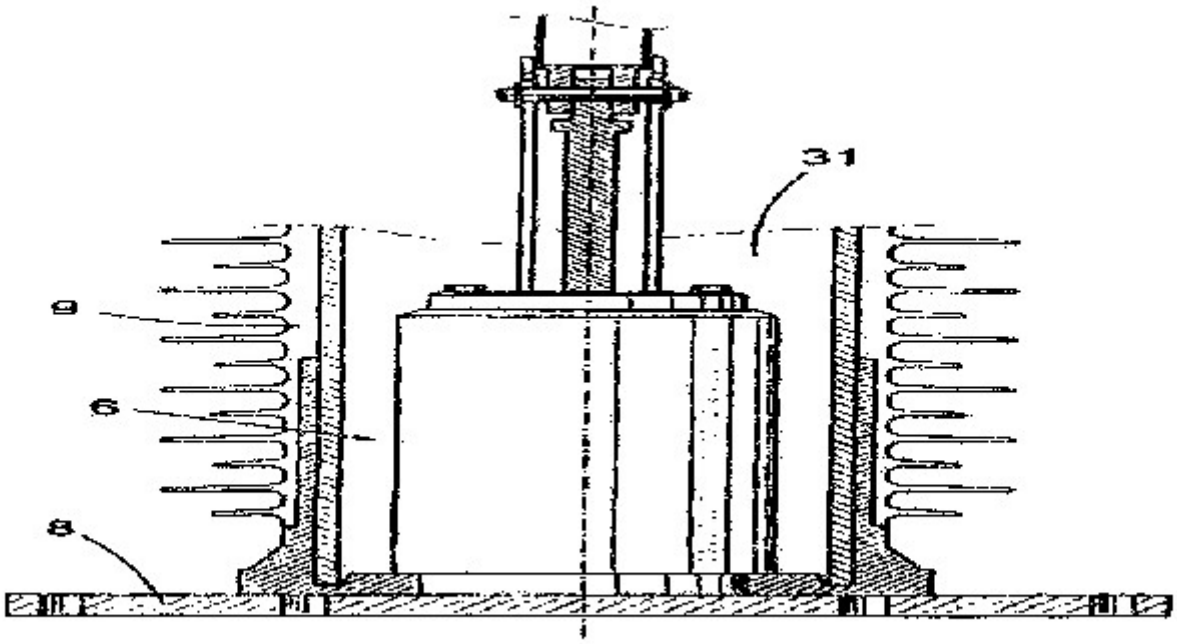
(72)**Name of Inventor :**
1)PER OLOF THURESSON
2)LARS HERMANSSON
3)TOMAS ROININEN
4)STEFAN VALDERMARSSON

(57) Abstract :
The invention relates toa circuit breaker, preferably for high or medium voltage. The movable conact of each breaker pole is connected, via mechanical means for transmitting movement, to a movable part of an electric motor (6). The movable contact and the means for transmitting movement are arranged in a gas-tight apparatus chamber (31) surrounded by a gas-tight apparatus housing (9) of insulating material such as porcelain. In accordance with the invention the motor (6) is arranged entirely in the apparatus chamber (31). The invention also relates to an electric plant provided with the breaker claimed, uses of breaker claimed and a method of breaking electric current in which the breaker claimed is used.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/03/2003
(21) Application No.00334/DELNP/2003 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : "LEAD-ACID BATTERIES AND POSITIVE PLATE AND ALLOYS THEREFOR"

(51) International classification :H01M
(31) Priority Document No :09/638,141
(32) Priority Date :11/08/2000
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US01/24881
Filing Date :09/08/2001
(87) International Publication No :WO 02/15296
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :13000 DEERFIELD PARKWAY, BUILDING ALPHARETTA, GA 30004, U.S.A. U.S.A.
(72)**Name of Inventor :**
1)STEVEN R. LARSEN

(57) Abstract :
Lead-acid cells and batteries and positive plates for such cells and batteries are provided. The positive plate comprises a grid supporting structure having a layer of active material pasted thereto, the grid supporting structure comprising a lead-based alloy consisting essentially of lead, from about 0.02% to about 0.06% calcium, from about 0.2% to about 3.0% tin, and from 0.01% to about 0.02% silver. A positive plate in accordance with the invention has excellent mechanical properties, is satisfiactory for use in lead-acid cells and batteries, and imparts enhanced electrical performance to cells and batteries using such positive plates.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/04/2003

(21) Application No.00522/DELNP/2003 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : "AIR CONDITIONING DEVICE"

(51) International classification :F24F 7/10
(31) Priority Document No :00/12898
(32) Priority Date :09/10/2000
(33) Name of priority country :France
(86) International Application No :PCT/FR01/03094
Filing Date :08/10/2001
(87) International Publication No :WO 02/31414
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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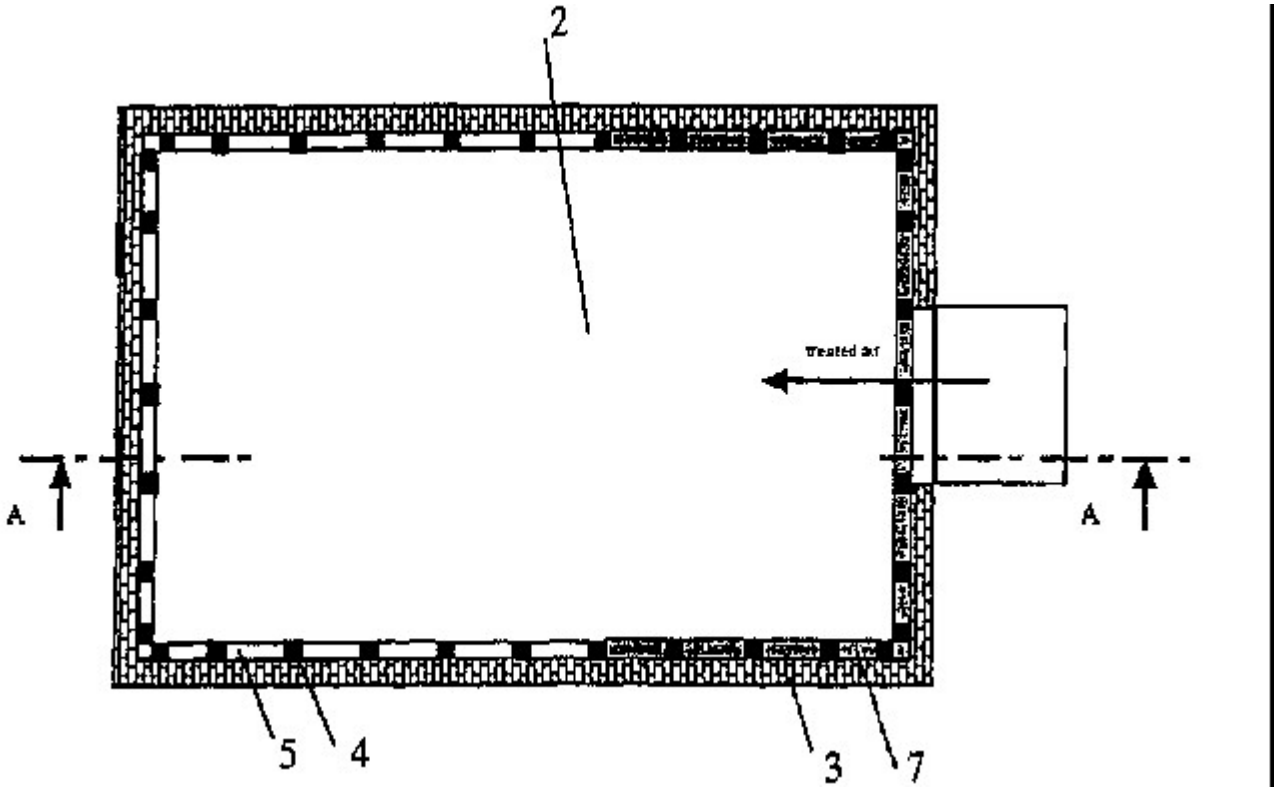
(72)**Name of Inventor :**
1)ALAIN TRIBOIX

(57) Abstract :
The invention concerns an air conditioning device using a false ceiling (2) and ensuring air diffusion along walls by providing intake of treated air into a volume created by the gap between the ceiling (1), the sealed false ceiling (2) and the walls (3), comprising spacers (4) between the wall and the section (6) fixing on edge the false ceiling, of slight width parallel to the wall and uniformly spaced, said spacers, fixed on the wall or on the section fixing on edge the false ceiling, providing a gap between the wall and the false ceiling, so as to enable air diffusion over the entire periphery of the premises. Said device is characterised in that it is provided with one or several beads (7) clipped between the section and the wall so as to close the gap in the zones where air diffusion should be blocked.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/03/2004
(21) Application No.00526/DELNP/2004 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : "MULTIPLE WORD-LINE ACCESSING AND ACCESSOR"

(51) International classification :G11C 11/408
(31) Priority Document No :09/941,053
(32) Priority Date :28/08/2001
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US02/24673
Filing Date :01/08/2002
(87) International Publication No :WO 03/021602
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SHIH-LIEN LU
2)DINESH SOMASEKHAR
3)VIVEK DE

(57) Abstract :
An apparatus, comprising:a row of memory cells comprising a first memory cell and a second memory cell;a set of word-lines coupled to said row and comprising a word-line to select the first memory cell independently from the second memory cell; and circuitry to sense a difference between a signal on a first bit-line in response to a charge from the first memory cell and a reference on a second bit-line coupled to the second memory cell.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/04/2003
(21) Application No.00600/DELNP/2003 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : "HIDDEN LINK DYNAMIC KEY MANAGER FOR USE IN COMPUTER SYSTEMS WITH DATABASE STRUCTURE FOR STORAGE OF ENCRYPTED DATA AND METHOD FOR STORAGE AND RETRIEVAL OF ENCRYPTED DATA"

(51) International classification :G06F 1/00
(31) Priority Document No :09/693,605
(32) Priority Date :20/10/2000
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US01/32089
Filing Date :15/10/2001
(87) International Publication No :WO 02/35329
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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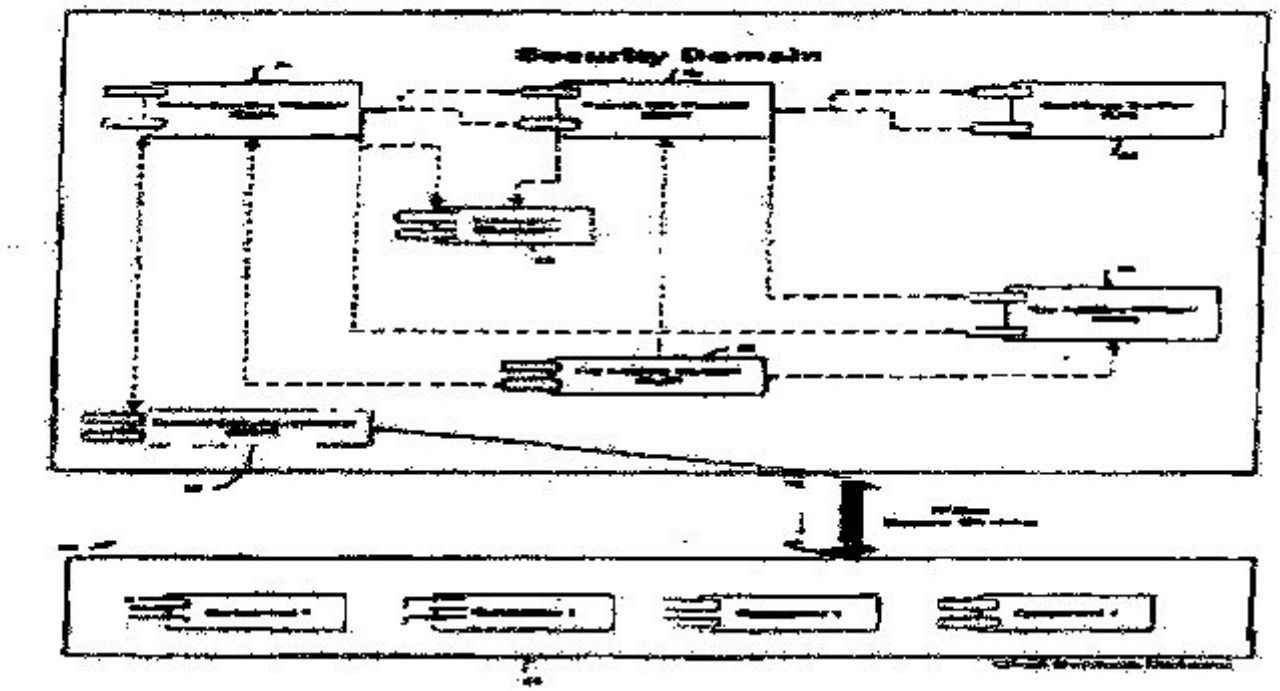
2)BASSAM KHULUSI
3)OGNJEN VASIC
4)JINHUI HU
5)SUHAIL ANSARI

(57) Abstract :
A computer system (20) with a security (22), at least one client business domain (26), and a polarity of client terminals (34) utilizes a hidden link dynamic key manager (24,84) aim a database structure including encrypted data entities (30C . 30D) and a security identification attribute (32) for storage of encrypted duin. A method for encryption, stronger, decryption, and retrieval of encrypted data operates on the computer system (20), which also in fades an information database (62) and a key (44). The key database (44) is isolated form the inform nation database (52). The security domain (22) include a system, key manager (84) operable: 10 generate system keys with system, key common names and an encryption key manager (24) operable to general encryption keys having encryption key identification. The key manager (24,84) operate on a key server (40), which mirrored by a secondary key server (42). A general security manager (82) also operates on the key server (40) to control access to the security domain (22). The security information attributes (32) is stored with a persistent data entity (30A) that is associated with the other data entries (30C. 30D) by a database schemes. The security information attribute (32) includes the encryption key identification (112) for the encryption key used to encrypt the data entries (30C, 30D). The encryption key identification is encrypted by the system key. and the system key common name hash value (114) is also stored in the security information attribute (32). The information data entries (30) are stored on the information database (62), but the encryption key identification (153), encryption key (154). system key common name hash value (156,157). and system key common name(158) are stored in the key database (44) inside the security domain (22). The system key itself Is stored on a Smart Card reader (56) inside the security domain.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/05/2003
(21) Application No.00827/DELNP/2003 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : "ABRASIVE DIAMOND COMPOSITE AND METHOD OF MAKING THEREOF."

(51) International classification :B24D 3/00
(31) Priority Document No :09/729,525
(32) Priority Date :04/12/2000
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US01/51185
Filing Date :13/11/2001
(87) International Publication No :WO 02/45907
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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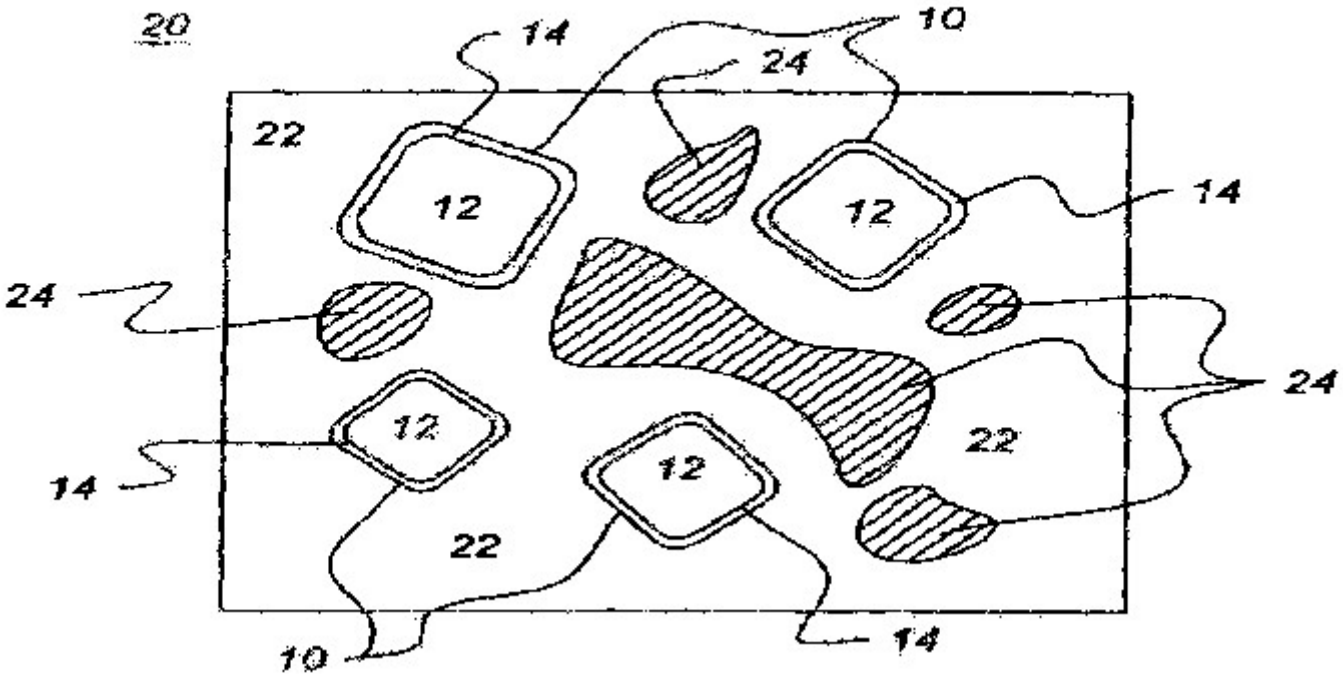
2)NARANG KRISTI JEAN
3)MICHALE JAMES MICHAEL JR.
4)LOH MICHAEL HANS
5)SAAK AARON WILBUR
6)WEBB STEVEN WILLIAM

(57) Abstract :
An abrasive diamond composite (60) formed form coated diamond particles (10) and a matrix material (22). The diamonds (12) have a protective coating (14) formed from a refractory material having a composition MCxNy, that prevents corrosive chemical attack of the diamonds by the matrix material (22). The abrasive diamond composite (60) may further include an infilirant, such as a braze material (40). Alternatively, the abrasive diamond composite (60) may include a plurality of coaled diamond particles (10) and a braze material (40) filling interstitial spaces between the coated diamond particles (10). Methods of making such abrasive diamond composites (60) are also disclosed.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/05/2003
(21) Application No.00835/DELNP/2003 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : "SYSTEM AND METHOD FOR GENERATING AUTOMATIC USER INTERFACE FOR ARBITRARILY COMPLEX OR LARGE DATABASES"

(51) International classification :G06F 17/30
(31) Priority Document No :09/703,267
(32) Priority Date :31/10/2000
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US01/42867
Filing Date :31/10/2001
(87) International Publication No :WO 02/059793
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KAUFMAN MICHAEL PHILIP
2)SILVERMAN MICAH PHILIP

(57) Abstract :
A software system automatically and dynamically generates a fully functional user interface (UI) based upon, and connected directly to, an underlying data mode] (as instantiated within a relational database management system (RDBMS)). The Ul is built according to an automated interrogation of the RDBMS, either as needed (on-the-fly) or by building an in-memory representation of the data model. The generated Ul comprises all mode displays (e.g., browse, search, edit, add) for all tables, and a full complement of mechanisms

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/02/2005
(21) Application No.0212/DEL/2005 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : SELECTIVE ACTUATION DEVICE

(51) International classification :F02D23/02
(31) Priority Document No :MI2004A 000173
(32) Priority Date :04/02/2004
(33) Name of priority country :Italy
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NIL
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)MAURIZIO MARCACCI

(57) Abstract :
Selective actuation device (1) including an actuator (5) operating on an actuation mechanism (2). The mechanism (2) is equipped with at least one shaft (7) connected to a pusher element (8) to actuate a first operating group (12, 13) and with a rotating element (53) that moves between an activation mode, in which said element (53) acts on a second operating group (9, 10), and a rest mode where the activation of the first operating group (12, 13) is disengaged by the second operating group (9, 10).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/02/2005
(21) Application No.0268/DEL/2005 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : SHEMA-BASED MACHINE GENERATED PROGRAMMING MODELS"

(51) International classification :G06F
(31) Priority Document No :10/775,710
(32) Priority Date :10/02/2004
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MANEESH AGRAWALA

(57) Abstract :
A programming model that takes general purpose APIs and machine-generates new programming models based on user defined schemas that provide the developer with data and view separation, and a way to communicate to the host application using the domain of the problem being solved. The system comprises a schema component that the developer uses to define a schema that includes one or more domain terms related to the problem to be solved, and a mapping component that uses the schema to search and map selected constructs from one or more generic host application APIs to the corresponding problem domain terms. Once the mapping is completed, a generating component generates a new API that is used by a host application to facilitate developing an application document using terms related to the domain of the problem to be solved.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/05/2005
(21) Application No.1141/DEL/2005 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : GPRS-SUBSCRIBER SELECTION OF MULTIPLE INTERNET SERVICE PROVIDERS

(51) International classification :G06F 17/60
(31) Priority Document No :197 42 681.6
(32) Priority Date :26/09/1997
(33) Name of priority country :Germany
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :2870/DEL/1998
Filed on :28/09/1998

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)PER LAGER
2)KURT ESSIGMANN

(57) Abstract :
A method for providing packet data communications between a first terminal stations (TE, MT; GPRS-MS)and a second terminal station (PTE) of a telecommunication system (GPRS, GSM), comprising; - at least one mobile radio communication system (PLMN A, PLMN B) with which the first terminal station (MS) is connected; and - a plurality of packet data communication networks (PDN1, PDN2, IN) wherein the second terminal station (PTE)is connected to one packet data communication network (PDN1, PDN2, IN) via a communication path; and - wherein said packet data communication networks (P1, P2, IN) are respectively connected, through a communication tunnel(IP-TUN), with a switching device (PLMN-SW)including - a reception device (NIP-RC); . a selection device (SEL) for selecting one of said access devices (GGSN/AS);and . a control device (AC) in each access device (GGSN/AS).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/12/2001
(21) Application No.1278/DEL/2001 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : " SYSTEM AND METHOD FOR REPRODUCING A VIDEO SESSION USING ACCELERATED FRAME RECORDING AND PLAYBACK"

(51) International classification :H04N 5/00
(31) Priority Document No :09/751,038
(32) Priority Date :29/12/2000
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)JONATHAN B. HART
3)ABHAY S. SHAH

(57) Abstract :
A client for handling a video session includes a memory and a processor coupled to the memory. The memory stores a first video frame that includes first video data, a first video sub-frame comprising second video data that is different from the first video data, and a second video sub-frame comprising third video data. The processor generates a second video frame using the first video frame and the first video sub-frame, wherein the third video data is different from the video data of the second video frame. The processor further generates a third video frame using the second video frame and the second video sub-frame, and displays the first video frame.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/03/2005
(21) Application No.1296/DELNP/2005 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : "DELAY TRADING BETWEEN COMMUNICATION LINKS"

(51) International classification :H04L 5/14
(31) Priority Document No :1080,096
(32) Priority Date :25/10/2002
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/SE2003/001411
Filing Date :11/09/2003
(87) International Publication No :WO 2004/038992
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
Address of Applicant :S-126 25 STOCKHOLM, SWEDEN Sweden
(72)**Name of Inventor :**
1)STEFAN BRUHN

(57) Abstract :
In the presenl invention, the available delay budget for a full-duplex communication is distributed between the links depending on their activity, present and near history. By keeping track on if a link in a full-duplex communication system is active or inactive, i.e. knowing the information value of the transferred data, coding procedures having larger coding delays than normally accepted can be used for active links, if the opposite link simultaneously is inactive. Since the user sensibility for delays is as largest at the moment a link becomes active, coding procedures having smaller coding delays than normally used are assigned at the moment a link becomes active. The coding delay is subsequently increased. Preferably, the round-trip delay is controlled to be kept smaller than a requested maximum value.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/05/2005
(21) Application No.1320/DEL/2005 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : "SLIM LINE BATTERY PACK"

(51) International classification :H02J 7/00
(31) Priority Document No :04102469.6
(32) Priority Date :02/06/2004
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)RESEARCH IN MOTION LIMITED
Address of Applicant :295 PHILLIP STREET, WATERLOO, ONTARIO N2L 3W8, CANADA Canada
(72)**Name of Inventor :**
1)INFANTI JAMES

(57) Abstract :
A battery pack is configured to reduce weight, enhance battery identitication, ensure proper placement of a lid retaining the battery, and facilitate battery pack removal. The battery pack has one or more cells that lack an outer coverage except for a polymer sheathing. The battery pack includes a mating notch on a terminal plate and may include a fingernail notch and/or One or more guide rails. The fingernail notch may be a single depression formed to allow a fingernail to slip onto the battery pack, may be a single depression and a ledge that are side-by-side, or may be formed of multiple ledges and/or depressions. There may be a single guide rail or multiple guide rails. Each guide rail preferably has a hollow interior section that is crossed by one or more ribs or segments.

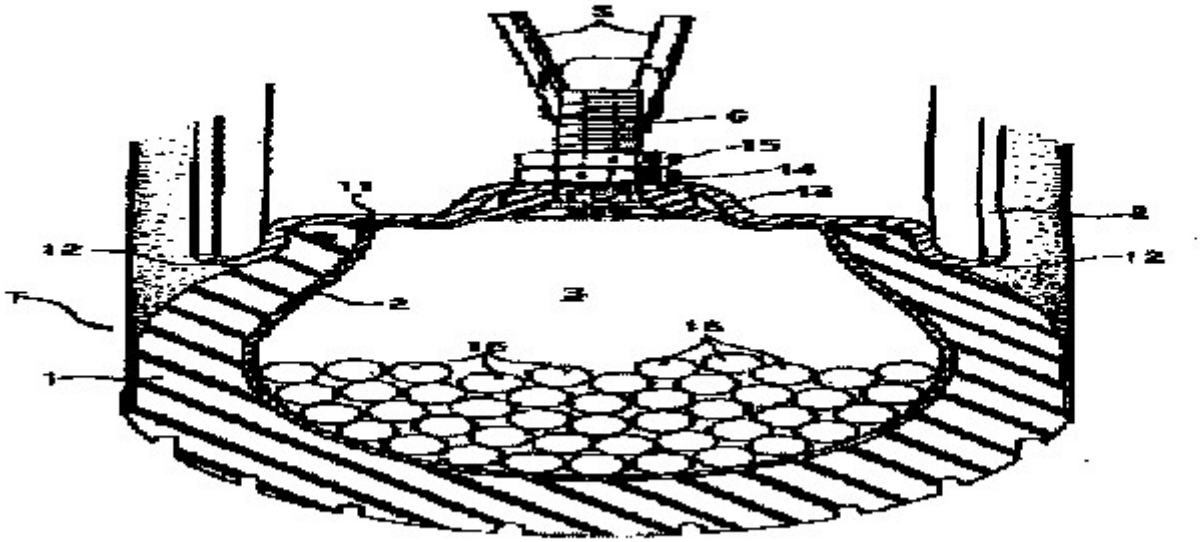
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/05/2005
(21) Application No.1351/DEL/2005 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : "TUBE TIRE AND TUBELESS TIRE"

(51) International classification :B60C19/00
(31) Priority Document No :HEI-8-168008
(32) Priority Date :27/06/1996
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :1513/DEL/1997
Filed on :06/06/1997

(71)**Name of Applicant :**
1)HONDA GIKEN KOGYO KABUSHIKI KAISHA
Address of Applicant :1-1 MINAMIAOYAMA 2-CHOME, MINATO-KU, TOKYO, JAPAN Japan
(72)**Name of Inventor :**
1)TOSHIO YAMAGIWA
2)HIROHISA TAKASHASHI
3)KENGO NAKAYAMA
4)KATSUTOSHI YAMAZAKI

(57) Abstract :
PROBLEM TO BE SOLVED: To make a vehicle continuously travel when a flat tire is generated, and to prevent deterioration of the performance even after the tire is used for a long time. SOLUTION: A large number of rubber or foamed urethane spherical bodies 16 are filled in an air chamber 3 in a tube 2 of a tire T with tube, or an air chamber of a tubeless tire, and the volume (the total volume) of the spherical bodies 16 is 50-80% of the volume of the tube 2 in an inflated condition. When the tube is pierced by a nail, etc., and air is leaked from the air chamber 3 of the tube 2, i.e., in a flat tire condition, the external shape of the tire 1 is kept in a certain degree because a large number of spherical bodies 16 are present in the space of the air chamber 3 below the compressed tube 2, and a vehicle can continuously travel for a short distance to e.g. a repair shop. Because no load is applied to the spherical bodies 16 themselves during the normal traveling, the bodies are not reduced in volume or hardened by the load, and can be used for a long time.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/04/2005
(21) Application No.1366/DELNP/2005 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : "METHOD OF RETRIEVING A TRAVAL TRANSACTION RECORD AND AN IMAGE OF ITS SUPPORTING DOCUMENTATION"

(51) International classification :G06F 17/60
(31) Priority Document No :10/283,906
(32) Priority Date :30/10/2002
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2003/033164
Filing Date :17/10/2003
(87) International Publication No :WO 2004/042631
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)AIRLINES REPORTING CORPORATION
Address of Applicant :4100 NORTH FAIRFAX DRIVE, SUITE 600, ARLINGTON VA 22203-1629, USA U.S.A.
(72)**Name of Inventor :**
1)PLUM CHRISTOPHER
2)DUBOIS MICHAEL
3)VENZKE KEITH
4)DUBOIS MICHAEL
5)POLK WAYNE
6)DISKIN MARK
7)BRIGGS REBECCA
8)BERNT BRUCE
9)COOPER TOM,

(57) Abstract :
The present invention is a computer-implemented method of retrieving raw data from a database that stores data pertaining to multiple travel transaction records and travel documents. That is, the raw data stored in the database includes the information found on a travel document. A summary of the travel transaction record is based on information in the supporting documents. The computer implemented method includes the step of retrieving the raw data and dynamically creating a summary of a travel transaction record concerning all related documents. Moreover, the computer-implemented method further includes the step of dynamically creating a document image of such supporting documentation using the raw data stored in the database.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/04/2005
(21) Application No.1438/DELNP/2005 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : "METHOD AND APPARATUS FOR A SUBSEA THE BACK"

(51) International classification :E21B 36/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :WO 2004/033850
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filed on :01/01/1900

(71)**Name of Applicant :**
1)SERVICES, INC
Address of Applicant :10200, BELLAIRE BOULEVARD, HOUSTON, TX 77072, UNITED STATES OF AMERICA U.S.A.
(72)**Name of Inventor :**
1)HEADWORTH, COLIN, S

(57) Abstract :
A flow assurance system includes an inner pipe (70) disposed within an outer pipe (50) to assure flow through the outer pipe (50). During installation and relative axial movement with the outer pipe (50), the inner pipe (70) is nearly neutrally buoyant or fully neutrally buoyant in the fluids of the outer pipe (50) and may extend partially or completely through the outer pipe (50). The inner pipe (70) may be anchored at one end within the outer pipe (50). The inner pipe (70) is preferably composite coiled tubing that is installed using a propulsion system. The system may allow fluids to flow through the inner pipe (70) and commingle with the fluids in the outer pipe (50) or may flow fluids through the inner pipe (70) to the exterior of the outer pipe (50). Hot fluids may pass through the inner pipe (70) to maintain the temperature of the fluids flowing through the outer pipe (50) and chemicals may flow through the inner pipe (70) to condition the fluids in the outer pipe (50). Tools may be attached to the end of the inner pipe (70) for conducting flow assurance operations within the outer pipe (50).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/06/2005
(21) Application No.1450/DEL/2005 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : AUTOMATIC DIPPER & AUTO PARKING LIGHTS FOR VEHICLES

(51) International classification	:B60 Q 1/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)ASHOK KUMAR
Address of Applicant :ASHOK KUMAR LECTURER GOVT.SR.SEC.SCHOOL RAISON DISTT KULLU (H.P) PIN 175128 Himachal Pradesh India
(72)**Name of Inventor :**
1)ASHOK KUMAR

(57) Abstract :
The device auto dipper is useful in vehicles as when some vehicle comes from opposite side during right than both vehicles will operate their low seam automatically of the system is filled on all vehicles there by prevents many fatal accidents during night . The same device can be uses for auto parking lights in that case it will decrease the consumption of battery during parking of vehicle along side the road and these lights will only be switched on, on the approach of vehicle from either side otherwise remains switched off.

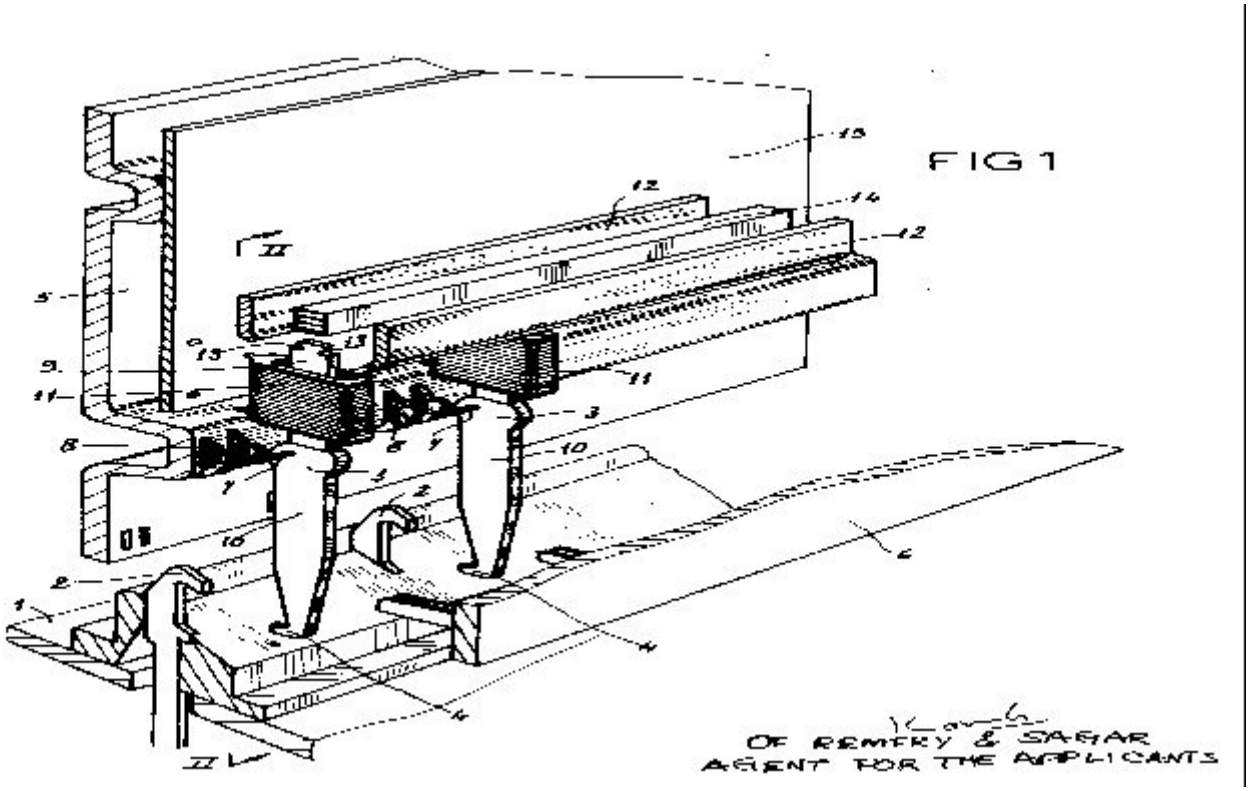
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/07/1996
(21) Application No.1477/DEL/1996 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : "DEVICE FOR THE SELECTION OF HOOKS IN A DOBBY OF A LOOM"

(51) International classification :D03C13/00
(31) Priority Document No :95 08767
(32) Priority Date :13/07/1995
(33) Name of priority country :France
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TIS
Address of Applicant :PARC D' ACTIVITES 2B, 01360 BELIGNEUX BRESSOLES, FRANCE France
(72)**Name of Inventor :**
1)PASCAL HERBEPIN
2)JEAN-PIERRE CLOAREC

(57) Abstract :
This device is intended for a dobby which includes a bottom board (1) carrying the hooks (2) and an upper part which supports the selection device and can move with respect to the bottom board (1). It includes pieces (3) provided with a catch (4), the position of the catch (4) with respect to the hook (2) being controlled by an electromagnetic device having a coil (11). Each piece (3) is a rigid heald shaft which includes a piece (9) made of magnetic material and mounted so as to pivot about a pin (7). The device includes means (14) for creating a permanent magnetic field in the region of the piece (9) and the coil (11) allows the piece (9) to be acted upon in such a way that, depending on the polarities of the coil and of the permanent magnetic field, the heald shaft (3) pivots either into a first position which allows entrainment of a bottom hook (2) or into a second position which does not allow such entrainment.



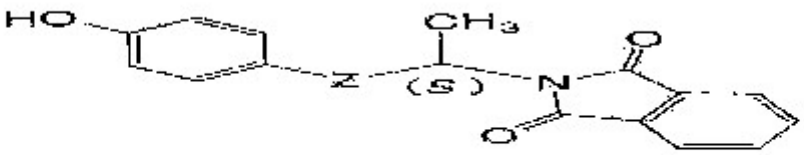
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/01/2005

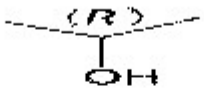
(21) Application No.15/DELNP/2005 A
(43) Publication Date : 26/01/2007

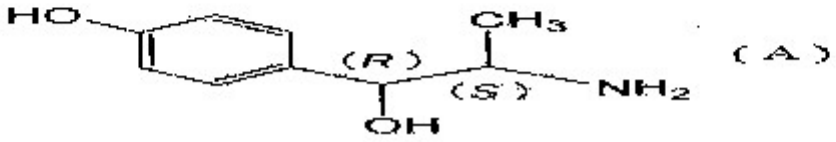
(54) Title of the invention : "PHENOL DERIVATIVES AND METHOD OF USE THEREOF"

(51) International classification	:C07D 209/48	(71)**Name of Applicant :**
(31) Priority Document No	:2002-199311	**1)KISSEI PHARMACEUTICAL CO., LTD**
(32) Priority Date	:08/07/2002	Address of Applicant :19-48 YOSHINO, MATSUMOTO-SHI,
(33) Name of priority country	:Japan	NAGANO 339-8710, JAPAN Japan
(86) International Application No	:PCT/JP2003/008085	(72)**Name of Inventor :**
Filing Date	:26/06/2003	**1)TOSHIAKI YAMAGUCHI**
(87) International Publication No	:WO 2004/005251	**2)MASSAAKI BAN**
(61) Patent of Addition to Application Number	:NA	**3)TAKASHI YANAGI**
Filing Date	:NA	**4)KEN KIKUCHI**
(62) Divisional to to Application Number	:NA	**5)MINORU KUBOTA**
Filing Date	:NA	**6)TETSUJI OZAWA**

(57) Abstract :
The present invention provides novel phenol derivatives represented by the formula: wherein the carbon atom marked with (S) represents a carbon atom in S configuration; Z represents the group represented by the formula: wherein the carbon atoms marked with (R) represents a carbon atom in R configuration, and a method to produce a phenol derivative represented by the formula (A): (wherein the carbon atom marked with (R) and (S) have the same meanings as defined above) which comprises using any of those derivatives as an intermediate therefore.







(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/06/2004
(21) Application No.1543/DELNP/2004 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : "A NETWORK SYSTEM FOR COMMANDING AND CONTROLLING DIVICES"

(51) International classification	:G06R 15/16
(31) Priority Document No	:60/084,578
(32) Priority Date	:07/05/1998
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:WO 99/57839
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:
Filed on	:01/01/1900

(71)**Name of Applicant :**
1)SAMSUNG ELECTRONICS CO., LTD.
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(72)**Name of Inventor :**
1)HUMPLEMAN, RICHARD
2)WANG, DONGYAN

(57) Abstract :
A method and system for performing a service on a home network having a plurality of home devices connected thereto, by: connecting a client device to the home network for displaying a user interface; executing a software agent on the client device for obtaining selection information for the network devices and displaying the selection information on a user interface displayed on the client device; selecting a first home device connected to the network form the user interface being displayed on the client device; reading first capabilities data for the first home device, where the first capabilities data includes information in a structured format for identifying the capabilities of the first home device; reading second capabilities data for a second home device connected to the network, where the second capabilities data includes information in the structured format for identifying the capabilities of the second home device; comparing the first and second capabilities data of the first and second home device, respectively; selecting the second home device from the user interface displayed on the client device; and sending control and command data from the client device to the first and second home devices to cause the first and second home devices to communicate with each other to perform the service.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/06/2004
(21) Application No.1548/DELNP/2004 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : "A NETWORK SYSTEM FOR PERFORMING A SERVICE"

(51) International classification :H04L 12/28
(31) Priority Document No :60/084,578
(32) Priority Date :07/05/1998
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR99/00223
Filing Date :30/10/2000
(87) International Publication No :WO 99/57839
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :IN/PCT/2000/00295/DEL
Filed on :30/10/2000

(71)**Name of Applicant :**
1)SAMSUNG ELECTRONICS CO.,LTD
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(72)**Name of Inventor :**
1)HUMPLEMAN, RICHARD
2)WANG, DONGYAN

(57) Abstract :
A method and system for performing a service on a home network having a plurality of home devices connected thereto, by: connecting a client device to the home network for displaying a user interface; executing a software agent on the client device for obtaining selection information for the network devices and displaying the selection information on a user interface displayed on the client device; selecting a first home device connected to the network form the user interface being displayed on the client device; reading first capabilities data for the first home device, where the first capabilities data includes information in a structured format for identifying the capabilities of the first home device; reading second capabilities data for a second home device connected to the network, where the second capabilities data includes information in the structured format for identifying the capabilities of the second home device; comparing the first and second capabilities data of the first and second home device, respectively; selecting the second home device from the user interface displayed on the client device; and sending control and command data from the client device to the first and second home devices to cause the first and second home devices to communicate with each other to perform the service.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/04/2005
(21) Application No.1566/DELNP/2005 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : "DEVICE FOR DISPENSING BULK MATERIALS"

(51) International classification :B67D 1/00
(31) Priority Document No :90295
(32) Priority Date :06/10/1998
(33) Name of priority country :Luxembourg
(86) International Application No :PCT/EP99/07354
Filing Date :05/10/1999
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :IN/PCT/2001/00371/DEL
Filed on :02/05/2001

(71)**Name of Applicant :**
1)PAUL WURTH S.A.
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(72)**Name of Inventor :**
1)LONARDI, EMILE

(57) Abstract :
The invention concerns a device for dispensing bulk materials comprising a vertical rotor (22) wherein is suspended a chute (14) so as to pivot about a substantially horizontal pin (26). A guiding device (68i, 70i), interlocked in rotation with the rotor (22), is connected between the rotor (22) and a first ring (66), so that the latter can axially slide along the rotor (22). Connecting rods (73, 73') transform a vertical sliding of the first ring (66) causing the chute (14) to pivot. A roller ring (76) connects the first ring (66) to a second ring (74), where to are connected control means, for example a lever actuated by a hydraulic actuator (80), capable of varying the vertical position of the two rings (66, 74) and the chute, (14) inclination.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/04/2005
(21) Application No.1594/DELNP/2005 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : "STRUCTURE AND METHOD OF FABRICATING ORGANIC DEVICES"

(51) International classification :H01L 51/20
(31) Priority Document No :10/295,322
(32) Priority Date :15/11/2002
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2003/036170
Filing Date :12/11/2003
(87) International Publication No :WO 2004/047196
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)UNIVERSAL DISPLAY CORPORATION
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(72)**Name of Inventor :**
1)MIN-HAO MICHAEL LU

(57) Abstract :
An organic light emitting device that may have mixed organic layers is provided. A method of fabricating such an organic light emitting device is provided. A first organic material is solution deposited to form a patterned organic layer over a first electrode. A second organic materials is deposited, by means other than solution processing, On and in physical contact with the first organic layer to form a second organic layer. The second organic layer forms a blanket layer over the first organic layer. A second electrode is then deposited over the second organic layer.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/04/2005
(21) Application No.1715/DELNP/2005 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : "OPTICAL FIBER COUPLING CONFIGURATIONS FOR A MAIN-REMOTE RADIO BASE STATION AND A HYBRID RADIO BASE STATION"

(51) International classification :H04Q 7/30
(31) Priority Document No :10/295,024
(32) Priority Date :15/11/2002
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/SE2003/001682
Filing Date :28/10/2003
(87) International Publication No :WO 2004/047472
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :S-126 25 STOCKHOLM, SWEDEN, Sweden
(72)**Name of Inventor :**
1)TORBJORN CAGENIUS

(57) Abstract :
A method (600) and a base station controller (120) for enabling a quick repeat feature are described herein. The base station controller (120) monitors an operating parameter associated with a mobile station (160). The base station controller (120) detects a condition suggesting a potential for a transmission failure to the mobile station (160) based on the operating parameter. The base station controller (120) provides a plurality of transmissions of an operating message to the mobile station (160) in response to detection of the condition suggesting a potential for a transmission failure to the mobile station (160). The operating message includes operating information associated with communication between a base station (140) and the mobile station (160).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/04/2005
(21) Application No.1719/DELNP/2005 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : " CONTROL OF ACCESS TO A MEMORY BY A DEVICE"

(51) International classification :G06F 12/14
(31) Priority Document No :0226875.3
(32) Priority Date :18/11/2002
(33) Name of priority country :U.K.
(86) International Application No :PCT/US01/18447
Filing Date :07/06/2001
(87) International Publication No :WO 02/03208
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :110 FULBOURN ROAD, CHERRY HINTON, CAMBRIDGE CB1 9NJ, ENGLAND U.K.
(72)**Name of Inventor :**
1)SIMON CHARLES WATT
2)LIONEL BELNET
3)DAVID HENNAH MANSELL
4)NICHOLAS CHAUSSADE
5)PETER GUY MIDDLETON

(57) Abstract :
A processor capable of secure execution. The processor contains an execution unit and secure partition logic that secures a partition in memory. The processor also contains cryptographic logic coupled to the execution unit that encrypts and decrypts secure data and code.

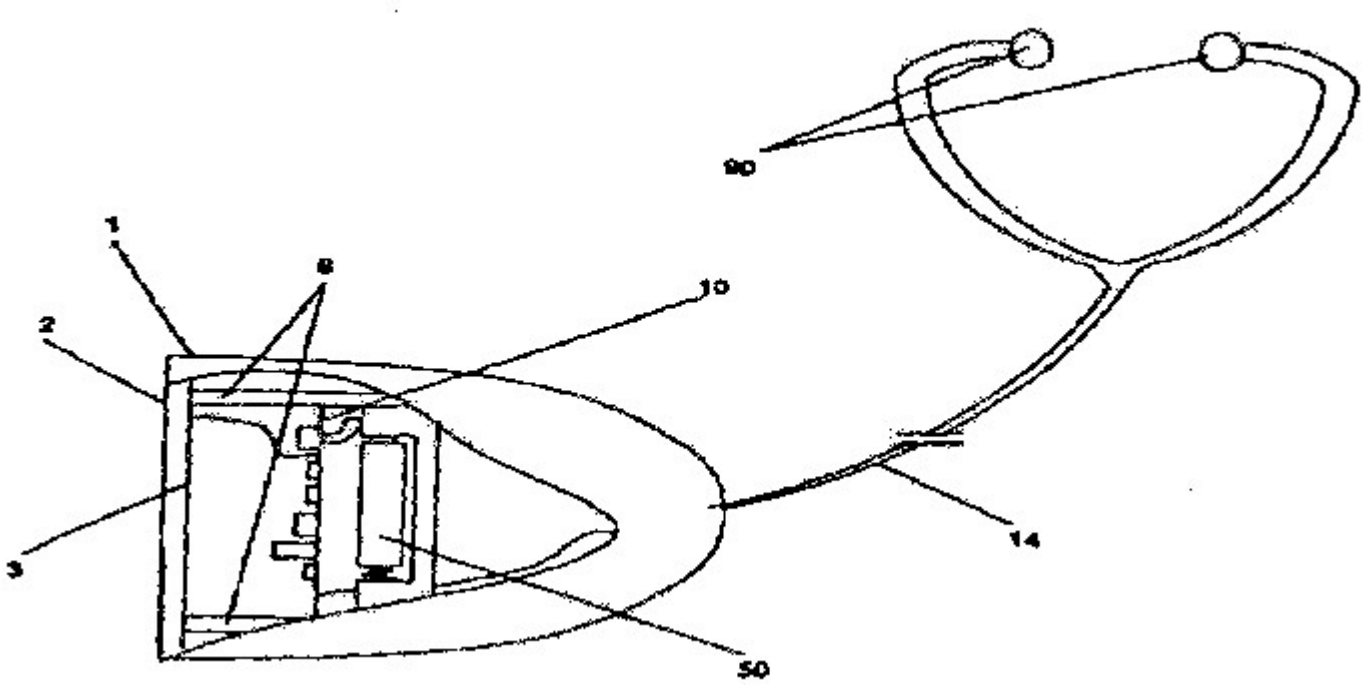
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/04/2005
(21) Application No.1721/DELNP/2005 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : "STETHOSCOPE TRANSDUCER"

(51) International classification :A61K 7/04
(31) Priority Document No :09/431,717
(32) Priority Date :28/10/1999
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US00/41633
Filing Date :27/10/2000
(87) International Publication No :WO 01/34033
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :IN/PCT/2002, 00541/DEL
Filed on :28/05/2002

(71)**Name of Applicant :**
1)CLIVE SMITH
Address of Applicant :6571 S. PONTIAC COURT, ENGLEWOOD, COLORADO 80111, UNITED STATES OF AMERICA U.S.A.
(72)**Name of Inventor :**
1)CLIVE SMITH

(57) Abstract :
An acoustic-to-clccuicul transducer for scnsing, is disclosed. The.- transducer comprises 4 capacitive sensor. whereby a stethoscope disphragm (2) forms one plate (3) of a copacitor, with the second place of the capactior being co-planer 10 the diaphragm (2). The capacitance of the two plates varies with the distance between them, said distance being modified by motion of the diaphragm in response to sound pressure. The sensor circuitry (10), manufacturing methods and improvements are disclosed.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/04/2005
(21) Application No.1722/DELNP/2005 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : "BANK CHEQUE SYSTEM WITH CHEQUES HAVING MAGNETIZED STRIPS AND / OR STORAGE CHIPS"

(51) International classification :G07 F 19/00
(31) Priority Document No :131/99
(32) Priority Date :05/12/1999
(33) Name of priority country :U.A.E.
(86) International Application No :PCT/IB00/01710
Filing Date :21/11/2000
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :IN/PCT/2002, 00445/DEL
Filed on :30/04/2002

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(72)**Name of Inventor :**
1)MOOSA EISA AL AMRI

(57) Abstract :
A bank cheque system comprising issued bank cheques each having a front face carrying imprinted visible data (written), a rear face for endorsement, and a magnetic strip and/or storage chip in which invisible data is encoded on the front and/or rear face, the issued cheques each comprising a thin portion carrying the imprinted and written visible data and a thick portion made of plastic wherein the magnetic strip and/or storage chip is/are merged, the stored encoded data in the thick portion of the cheque being readable by means of a suitable reader so its conformity with the visible data can be verified to detect any unauthorized alterations to the cheque, the stored encoded data including an identification of a cheque, bank and an account containing blocked funds available for the cheque to be paid or endorsed as a cash instrument, wherein: (i) said visible data (imprinted and written) and stored encoded data each indicate a value of the cheque, said value being covered by a pre-paid amount credited to the cheque account; and/or (ii) said visible data (imprinted and written) and stored encoded data (stored on the magnetized strip or storage chip) each identify a current account from which the cheque account can be funded to cover said sufficient blocked amount on presentation of the cheque and after ascertaining, by passing or entering the cheque though a reader connected to a banking control system, and entering the value of the cheque, that the current account has a sufficient credit.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/04/2005
(21) Application No.1730/DELNP/2005 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : METHOD AND APPARATUS FOR GENERATING AND PLAYING DIAGNOSTIC MESSAGES INDICATIVE OF MTA PROVISIONING STATUS

(51) International classification :H04L
(31) Priority Document No :60/425,382
(32) Priority Date :12/11/2002
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2003/036320
Filing Date :12/11/2003
(87) International Publication No :WO 2004/045130
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)THOMSON LICENSING S.A.
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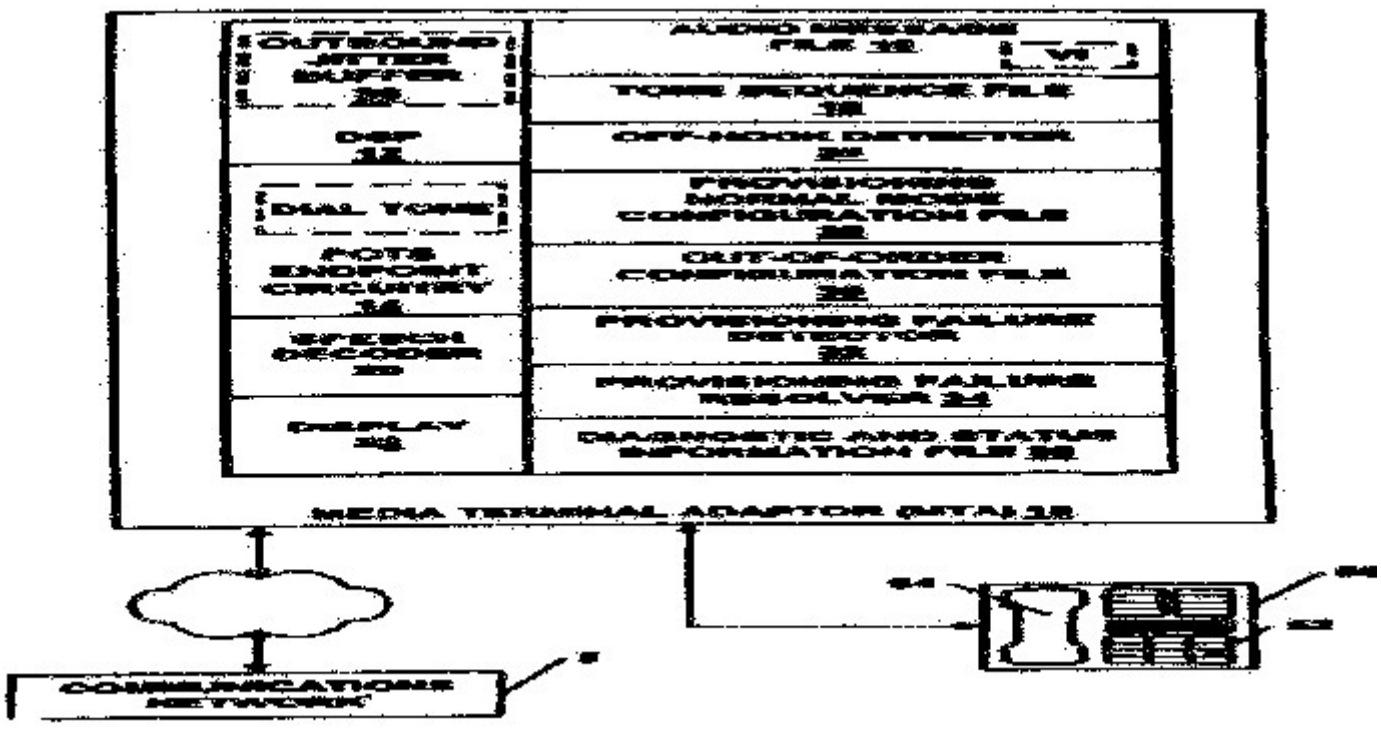
(72)**Name of Inventor :**
1)BROERMAN, KEITH, ROBERT
2) RUCH, GLEN, WAKEMAN
3) RAMEY, BLAINE, EDWARD
4) BAEHL, BRIAN, DAVID

(57) Abstract :
A method and an apparatus, which generates and plays diagnostic messages (16, 18) indicative of a media terminal adaptor (10) provisioning status (28). The media terminal adaptor (10) detects errors in its provisioning status (28) or an out-of-service state (30). Thus, when a telephone (50) connected to the media terminal adaptor (10) is taken off-hook and the media terminal adaptor (10) that is not provisioned (28), or placed in an out-of-service state (30) by the service provider, the media terminal adaptor (10) will generate then an appropriate diagnostic audio voice message (16) or tone sequence (18) to the telephone (50) instructing the listener on how to proceed in order to resolve the problem (34).



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/04/2005
(21) Application No.1757/DELNP/2005 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : " A METHOD FOR GENERATING A QUALITY ORIENTED SIGNIFICANCE MAP FOR ASSESSING THE QUALITY OF AN IMAGE OR VIDEO."

(51) International classification :H04N
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/SG2002/000259
Filing Date :06/11/2002
(87) International Publication No :WO 2004/043054
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

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1)AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH
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(72)**Name of Inventor :**
1)LU ZHONGKANG
2)LIN WEISI
3)YAO SUSU
4)ONG EE PING

(57) Abstract :
A method for generating a quality oriented significance camp for assessing the quality of an image or video, comprising the steps of extracting features of the image or video, determining a perceptual quality requirement of at least one extracted feature and integrating the extracted features and the perceptual quality requirement of the at least one extracted feature to form an array of significance level values, thereby generating the quality oriented significance map.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/09/1995
(21) Application No.1772/DEL/1995 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : " NOVEL PESTICIDAL PROTEINS AND STRAINS "

(51) International classification :A01N43/56
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)CIBA-GEIGY AG.,
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2)MICHAEL GENE KOZIEL
3)MARTHA ALICE MULLINS
4)GORDON JAMES NYE
5)BRIAN CARR
6)KRISTY KOSTICHKA
7)NICHOLAS BRENDAN DUCK
8)JEAN JOSE ESTRUCH
9)NALINI MANO DESAI

(57) Abstract :
The present invention is drawn to pesticidal strains and proteins. Bacillus strains which are capable of producing pesticidal proteins and auxiliary proteins during vegetative growth are provided. Also provided are the purified proteins, nucleotide sequences encoding the proteins and methods for using the strains, proteins and genes for controlling pests.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/07/2005
(21) Application No.1838/DEL/2005 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : REGENERATIVE AIR COOLER

(51) International classification	:F24F 5/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N.A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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2)ASHISH KUMAR
(72)**Name of Inventor :**
1)GAGAN DEEP KALRA
2)ASHISH KUMAR

(57) Abstract :
The Regenerative air cooler enable the user to control temperature as well as humidity of the air. This imparts properties similar to that of an Air Conditioner, except that this device is based on the EVAPORATIVE COOLING PRINCIPLE of desert cooler. The principle objective is to make the performance of this device as close as possible to that of an Air Conditioner. The device employs the normal components used in a desert cooler such as pump, water pads, water basin in addition to heat exchanger and blowers. In this at least Two blows or fans can be used: one blower provides the draught of cool air into the room, with the inlet air undergoing cooling in two stage, and the other blower blows a part of this cool air into the heat exchanger. The cooling action of the heat exchanger keeps the specific humidity of the incoming air constant. This cooling is helpful in reducing the moisture content of the final exiting air.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/07/2005
(21) Application No.1951/DEL/2005 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : "AN ELECTRONIC ONLINE DATA MANAGEMENT SYSTEM"

(51) International classification :H04N 7/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)PUNJ UDAY

(57) Abstract :
The instant invention provides an online data management system for managing critical as-built and operational data through the entire lifecycle of a pipeline creating a dynamic system utilizing one or more electronic digital data processing means, said system comprising a risk management system means for monitoring and analyzing critical information regarding pipeline assets; an operations and maintenance system means for providing information for efficient upkeep of the pipeline assets; a construction management system means for efficient maintenance of records relating to the pipeline asset construction; a supply chain management system means for optimizing the operation of any activity; a engineering management system for maintenance of information relevant to planned engineering and the monitoring of said asset construction compliance, and a survey management means for maintaining a history of all the information on the various activities carried as a part of survey.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/07/2004

(21) Application No.2023/DELNP/2004 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : "APPARATUS FOR MULTIPLE BAND COMMUNICATION"

(51) International classification :H04B
(31) Priority Document No :10/074,969
(32) Priority Date :13/02/2002
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US03/03345
Filing Date :04/02/2003
(87) International Publication No :WO 03/069786
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MOTOROLA, INC.,
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(72)**Name of Inventor :**
1)ROSS LAHLUM
2)RANDY WIESSNER

(57) Abstract :
A mobile communication device comprising: an antenna configured to receive a first signal in a first frequency band and a second signal in a second frequency band; first receiver circuitry configured to receive signals in the first frequency band; a switch having a first position; and a first diplexing network coupled to the antenna, the first deplaning network also coupled to the switch, and the first diplexing network also coupled to the first receiver circuitry, wherein the first diplexing network is configured to pass the signals in the second frequency band to the switch, wherein the mobile communication device comprises a second diplexing network coupled to the switch at the first position, the second diplexing network corresponding to the second frequency band, and wherein the first diplexing network, the second diplexing network, and the switch act in conjunction so that signals in the first frequency band are presented with an open circuit after the switch.

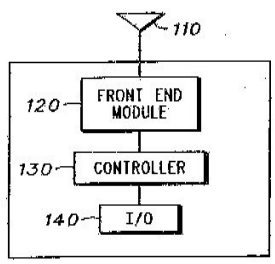

FIG.1

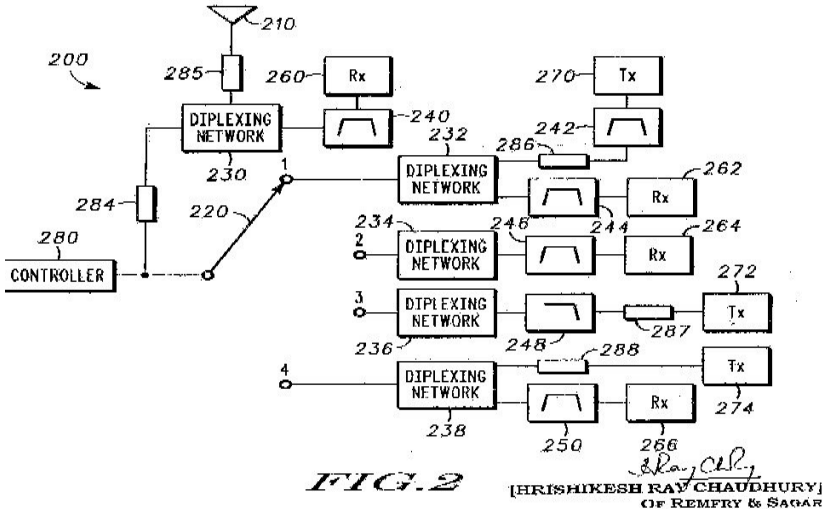

FIG.2

[HRISHIKESH RAY CHAUDHURY]
OF REMFRY & SAGAR

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/05/2005

(21) Application No.2036/DELNP/2005 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : "COLLABORATION BETWEEN WIRELESS LAN ACCESS POINTS USING WIRED LAN INFRASTRUCTURE"

(51) International classification :G01S 3/22
(31) Priority Document No :10/272,686
(32) Priority Date :17/10/2002
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IL2003/000777
Filing Date :29/09/2003
(87) International Publication No :WO 2004/036237
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)EXTRICOM LTD.
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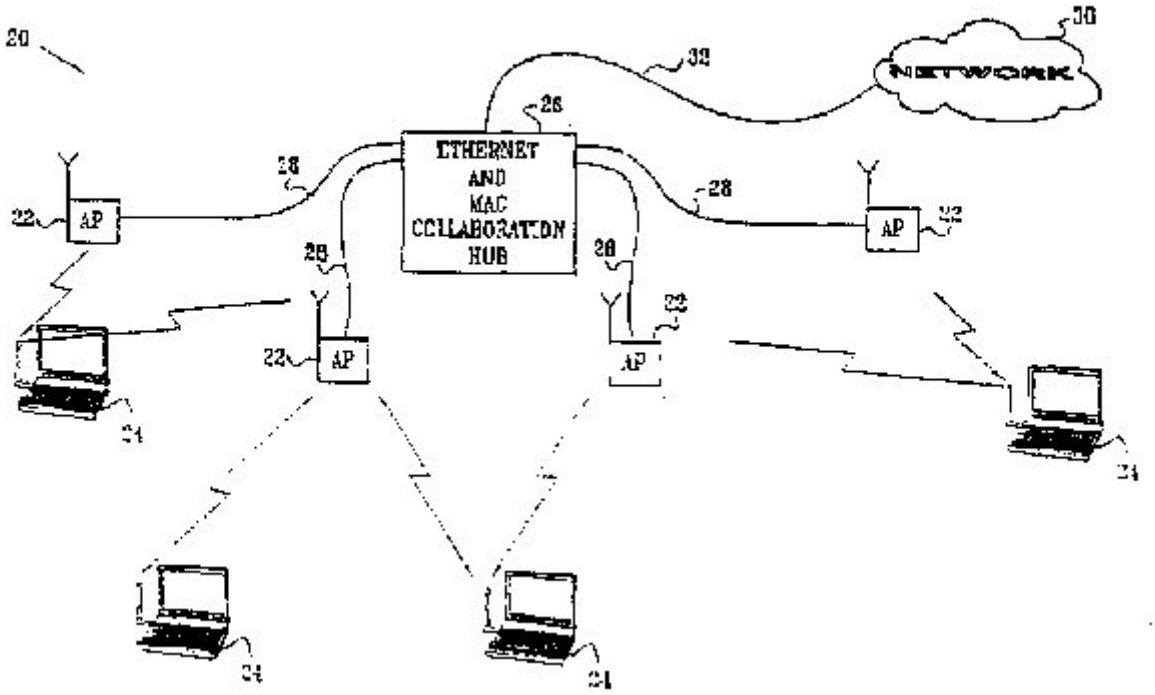
(72)**Name of Inventor :**
1)SHPAK ERAN

(57) Abstract :
Abstract: A method for mobiie communication includes arranging a plurality of access points (221 in a wireless local area network (WLAN) (20) to communicate on a common frequency channel with a mobile station (241, and linking the access points together by cables in a wired local area network (LAN) (28). When one or more of the access points receive an uplink signal transmitted over the VVLAN by the mobiie station on the common frequency channel, the access points send messages over the LAN and arbitrate among themselves based on the messages so as to select one of the access points to respond to the uplink signal.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/05/2005
(21) Application No.2045/DELNP/2005 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : DIAGNOSTIC SIGNAL PROCESSING METHOD AND SYSTEM

(51) International classification :G06F
(31) Priority Document No :60/426,348
(32) Priority Date :14/11/2002
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2003/036804
Filing Date :14/11/2003
(87) International Publication No :WO 2004/046877
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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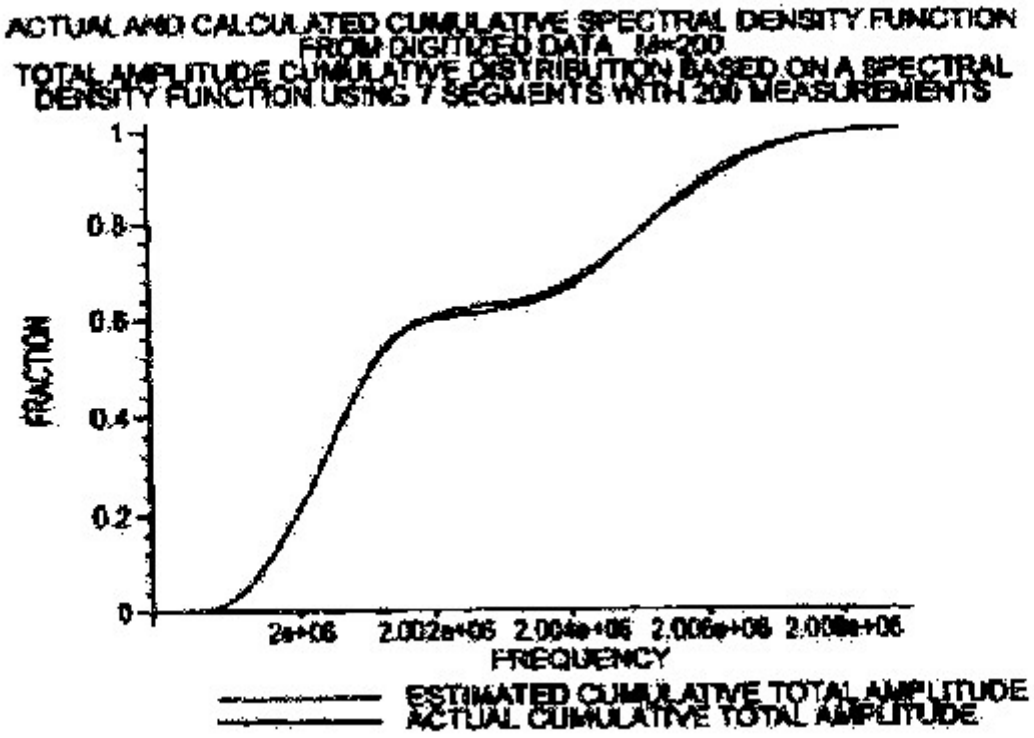
(72)**Name of Inventor :**
1)HEIM, WARREN P.

(57) Abstract :
A signal processing utility is disclosed involving time-to-frequency domain transforms for applications including medical diagnostic signal processing. Such transforms can be used to define a continuous spectral density function or other spectral density function including non-zero values at irregularly spaced frequency intervals. The invention thereby enables more accurate representation of certain real spectra and reduced spectral broadening. The utility also accounts for digitization errors associated with analog-to-digital conversion. The invention has particular advantages with respect to medical contexts where the received signal has a changing spectral content as a result of interaction of an interrogating signal with moving physiological material such as blood flowing through an artery.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/10/2004
(21) Application No.2055/DEL/2004 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : "A COMPUTER READALE MEDIUM AND A COMPUTER SYSTEM"

(51) International classification :G06F 13/00
(31) Priority Document No :2000-132694
(32) Priority Date :01/05/2000
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :292/DEL/2001
Filed on :13/03/2001

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)IMAMURA DAISUKE

(57) Abstract :
A computer program product stored on a computer-readable medium for controlling a screen, the program product comprising a first program code that acquires dynamic display processing identification information for specifying dynamic display processing reserved for acquiring display contents to be dynamically changed and display attribute information used by dynamic display processing specified by this dynamic display processing identification information, and a second program code that provides the display attribute information corresponding to dynamic display processing for dynamic display processing specified by the dynamic display processing identification information acquired by the first program code.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/05/2005
(21) Application No.2197/DELNP/2005 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : "RADIO RECEIVER AND METHOD FOR AM SUPPRESSION AND DC-OFFSET REMOVAL"

(51) International classification :H04L 25/10
(31) Priority Document No :60/421,053
(32) Priority Date :25/10/2002
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2003/033708
Filing Date :23/10/2003
(87) International Publication No :WO 2004/040822
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)PARK, JOONBAE
2)LEE, KYEONGHO
3)SONG, EUNSEOK
4)JUNG, YEONJAE

(57) Abstract :
A communications receiver includes a baseband signal recovery circuit (4) which uses a low-IF architecture for data reception. The baseband signal recovery circuit uses a full-analog implementation for channel selection and filtering (5). Thus, the overhead placed on the design of analog-to-digital converter is greatly relaxed and most of hardware can be re-used for multi-mode applications with only a slight modification.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/05/2005
(21) Application No.2224/DELNP/2005 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : "INTERGRATED ELECTRIC MOTOR AND TRACTION DRIVE"

(51) International classification :H02K 7/116
(31) Priority Document No :60/433,331
(32) Priority Date :13/12/2002
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2003/039509
Filing Date :11/12/2003
(87) International Publication No :WO 2004/055958
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)AI, XIAOLAN
2)BISHOP, GEOFFREY

(57) Abstract :
An integrated electric motor and traction drive (1) is disclosed. The device comprises an electric motor (100) and a traction drive (200). The electric motor (100) provides power at a high angular velocity to a sun roller (153). The sun roller (153) transfers the power to the traction drive (200) which reduces the power to a lower angular velocity and delivers it via an output shaft (252).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/06/2005
(21) Application No.2307/DELNP/2005 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : SYSTEM AND METHOD FOR ANALYZING RISK AND PROFITABILITY OF NON-RECOURSE LOANS

(51) International classification :G06Q 90/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :1033/DELNP/2004
Filed on :19/04/2004

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)GUTHNER, MARK, W.
2)MACLACHAN, IAIN

(57) Abstract :
A system and method for assisting lenders in making decisions related to nonrecourse loans employs a model which considers each risk relevant to the loan determination, including commercial and country risk factors. From this analysis, the present invention can determine the estimated default frequency (EDF), the loss given default (LGD), volatility of the loss, and can recommend total provision and economic capital outlays for the lender for the given non-recourse loan. From this information, the present invention can also be used to determine a credit rating and profitability measures for the given loan.

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2401/DEL/2005 A
(19) INDIA
(22) Date of filing of Application :07/09/2005
(43) Publication Date : 26/01/2007

(54) Title of the invention : "CHARACTER INPUT APPARATUS AND APPARATUS FOR RECORDING AND /OR REPRODUCING A RECORDING MEDIUM"

(51) International classification :H04N 1/00
(31) Priority Document No :P07-326250
(32) Priority Date :22/11/1995
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :2513/DEL/96
Filed on :15/11/1996

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1)SONY CORPORATION
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(72)**Name of Inventor :**
1)SHINSUKE YAMASHITA

(57) Abstract :
A character input apparatus for use with an optical disk recording or reproducing apparatus includes a memory, an input unit, and a controller. The memory stores different kinds of charier ice data. The input unit selects character data, one character at a time, from the memory an 1 determines and inputs the selected character data. The controller reads out the character data from the memory based on the character data selected by the input unit and holds his character data as determined data. The controller automatically reads out a first character data from a group of character data of the same kind to which the determined character data belongs when the input unit selects and determines the inputted character data after the input unit has inputted the determined character data.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/06/2005
(21) Application No.2414/DELNP/2005 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : A METHOD AND SYSTEM FOR MANAGEMENT OF SOFTWARE PRODUCT LICENCES

(51) International classification :G06F 17/30
(31) Priority Document No :522453
(32) Priority Date :05/11/2002
(33) Name of priority country :New Zealand
(86) International Application No :PCT/NZ2003/000248
Filing Date :05/11/2003
(87) International Publication No :WO 2004/042613
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)JACKSON, WAYNE ALBERT
2)McCULLOUGH, VICKY
3)CHING, SHERYL LINDA

(57) Abstract :
The present invention relates to a method, system and software for management of software product licences. More particularly, a method of analysing software product licence data is disclosed. The software product licence data is received from a sales database. The data is then collated into an analysis database and an analysis of the data from the analysis database is displayed. Additional information for the analysis database may be provided by assessment of a licence ownership position for a customer, and determination of an appropriate licence agreement for a customer.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/06/2005

(21) Application No.2451/DELNP/2005 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : "A CABLE DUCT DEVICE IN A SWELLING PACKER"

(51) International classification :E12B 23/06
(31) Priority Document No :20025911
(32) Priority Date :10/12/2002
(33) Name of priority country :Norway
(86) International Application No :PCT/NO2003/000410
Filing Date :09/12/2003
(87) International Publication No :WO 2004/057715
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)FREYER, RUNE

(57) Abstract :
A pellet-shaped article inspection unit (10) is structured for use with a conveyer mechanism (12) having a plurality of carrier bars (24), each carrier bar (24) being structured to convey a plurality of pellet-shaped articles along a predetermined path. The article inspection unit (10) includes a first camera unit (48) positioned adjacent a first side of the conveyer mechanism (12). The first camera unit (48) is configured to sense a first predetermined characteristic, e.g., laser holes, of the plurality of pellet-shaped articles. A removal mechanism (46), downstream from the first camera unit (48), is structured to remove or maintain at least a selected one of the plurality of pellet-shaped articles from at least a selected one of the plurality of carrier bars (24) depending on whether the first predetermined characteristic is sensed by the first camera unit (48). A laser unit may be provided to create unique holes in the pellet-shaped articles, e.g., those by a larger exposed surface to improve time-release characteristics of the pellet-shaped articles.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/06/2005
(21) Application No.2477/DELNP/2005 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : FUSED BICYCLIC NITROGEN-CONTAINING HETEROCYCLES

(51) International classification :A61K
(31) Priority Document No :60/428,600
(32) Priority Date :22/11/2002
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2003/037574
Filing Date :21/11/2003
(87) International Publication No :WO 2004/047755
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

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16)SUZUKI, MASAHIRO
17)TANAKA, MASAHIRO
18)YE, GUOSEN
19)YOSHIDA, ATSUHITO
20)ZHANG, JIAN

(57) Abstract :
Compounds, pharmaceutical compositions and methods that are useful in the treatment or prevention of metabolic and cell proliferative diseases or conditions are provided herein. In particular, the invention provides compounds which modulate the activity of proteins involved in lipid metabolism and cell proliferation.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/06/2005
(21) Application No.2646/DELNP/2005 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : "BROAD SPECTRUM ANTI-VIRAL THERAPEUTICS AND PROPHYLAXIS"

(51) International classification :A61K
(31) Priority Document No :60/428,535
(32) Priority Date :22/11/2002
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2003/037158
Filing Date :21/11/2003
(87) International Publication No :WO 2004/047735
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

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2)FANG, FANG
(72)**Name of Inventor :**
1)YU, MANG
2)FANG, FANG

(57) Abstract :
The present invention provides new compositions and methods for preventing and treating pathogen infection. In particular, the present invention provides compounds having an anchoring domain that anchors the compound to the surface of a target cell, and a therapeutic domain that can act extracellularly to prevent infection of the target cell by a pathogen, such as a virus. Preferred target cells are epithelial cells. The invention provides compositions and methods for preventing viral diseases, such as influenza, using compounds having anchoring domains that can bind target cells linked to enzymatic activities that can act extracellularly to interfere with viral infection of target cells. The invention also provides compositions and methods for preventing viral diseases such as influenza using compounds having anchoring domains that can bind target cells linked to protease inhibitors that can act extracellularly to interfere with viral infection of target cells.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/10/2004
(21) Application No.3055/DELNP/2004 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : "DEVICE, SYSTEM AND METHOD FOR ELECTRONIC TRUE COLOR DISPLAY"

(51) International classification :H04L
(31) Priority Document No :60/209,771
(32) Priority Date :07/06/2000
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IL01/00527
Filing Date :02/12/2002
(87) International Publication No :WO 01/95544
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :3055/DELNP/2004
Filed on :06/10/2004

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1)BEN-DAVID, LLAN
2)BENCHORIN, MOSHE

(57) Abstract :
A device, system and a method for displaying image data of a plurality of colors, the device comprising a light source (50) for producing light having at least four primary colors, a controller (56,58) for determining a combination at least four primary colors according to the image data (72) for production by the light source and a viewing screen (60) for displaying the image data the combination from the controller. The present invention is not limited to combinations of colors which are produced from only three primary colors, such as red, green and blue.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/07/2005
(21) Application No.3071/DELNP/2005 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : "INFORMATION PROCESSING APPARATUS, CONTENT MANAGEMENT METHOD, CONTENT INFORMATION MANAGEMENT METHOD, AND COMPUTER PROGRAM"

(51) International classification :G06F 13/00
(31) Priority Document No :P2003-19819
(32) Priority Date :29/01/2003
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2003/016086
Filing Date :16/12/2003
(87) International Publication No :WO 2004/068355
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

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2)NORIFUMI KIKKAWA
3)YOICHI KOBORI
4)TAKEHIKO MORITA
5)TOSHIHIRO MORITA
6)YOSHIKI TANAKA
7)NORIYUKI SAKOH
8)TATSUYA IGARASHI

(57) Abstract :
An apparatus and a method are provided, which enable to perform an improved management processing based on identifier information of a content on a server. The content providing server sets content-associated unique identifier information as property information that is a component of content-associated metadata, maintains the unique identifier information as content-associated metadata without changing the unique identifier information even if the logical/physical position of a content stored in the storage unit is changed, and maintains a setting value of unique identifier information, which is set associated with a received content, as metadata associated with the received content without changing the setting value of the unique identifier information. By this configuration, even if a content is moved between servers, a client can acquire the content based on the unique identifier.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/08/2005
(21) Application No.3435/DELNP/2005 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : "EXHAUST PURIFICATION METHOD AND EXHAUST PURIFICATION APPARATUS OF INTERNAL COMBUSTION ENGINE"

(51) International classification :F01N 3/20
(31) Priority Document No :2003-041031
(32) Priority Date :19/02/2003
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2004/001493
Filing Date :12/02/2004
(87) International Publication No :WO 2004/074650
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

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1)TAKESHIMA, SHINICHI
2)TANAKA, TOSHIAKI
3)YAMASHITA, TETSUYA

(57) Abstract :
In an internal combustion engine, an exhaust passage is provided with a NOX storing and decomposing catalyst (20). When burning fuel under a lean air-fuel ratio, the nitrogen monoxide is adsorbed by the NOX storing and decomposing catalyst (20) and disassociated. At this time, the disassociated oxygen is held in the form of oxygen ions 0" on the NOX storing and decomposing catalyst (20). By making the air-fuel ratio rich and purging part of these oxygen ions 0, the remaining oxygen ions 0" are also purged. Due to this, the NOX purification performance of the NOX storing and decomposing catalyst (20) is restored.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/08/2005
(21) Application No.3451/DELNP/2005 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : "APPARATUS AND ASSOCIATED METHOD, FOR TRANSPOSING SHORT CODES USED TO DIRECT A CALL TO A SERVICE CENTER DURING OPERATION OF A MOBILE COMMUNICATION SYSTEM"

(51) International classification	:H04Q 7/38
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/CA2003/000162
Filing Date	:06/02/2003
(87) International Publication No	:WO 2004/071115
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)BUCKLEY ADRIAN

(57) Abstract :
Apparatus (58), and an associated method, for facilitating delivery of networkspecific dialing codes to a mobile node (12). When a mobile node (12) is registered to a network part (18) of the network infrastructure of a radio communication system (10), a request (62) is generated by the mobile node (12), requesting download thereto of the dialing codes used in the network part (18) to call service centers (42) associated there with. The requested dialing codes are downloaded to the mobile node (12). And, the downloaded dialing codes are indexed (68) together with the dialing codes normally used by the mobile node (12) to call the corresponding service centers (42). Subsequently, when a call is placed to a service center, the dialing codes arc transposed (74), if necessary, to permit the call to a designated service center (42) to be completed.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/03/2004
(21) Application No.358/DEL/2004 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : A NOVEL ROTATING PACKED BED (RPB) DEVICE FOR DISTILLATION PROCESS

(51) International classification	:B 01 D 1/30
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)DAVULURI PRAHALADA RAO

(57) Abstract :
The present invention relates to a process of distillation of fluids or effective mass transfer between fluids, wherein said process comprising a distillation apparatus comprising a reboiler and/or condenser integrated with rotating packed bed (RPB) device, with or without casing wherein said RPB device consisting annular split packing.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/08/2005
(21) Application No.3594/DELNP/2005 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : BIOMETRIC INFORMATION RECOGNITION CREDIT CARD SYSTEM AND CREDIT CARD SCANNER

(51) International classification :G06K 17/00
(31) Priority Document No :10-2003-0011595
(32) Priority Date :25/02/2003
(33) Name of priority country :Korea(South)
(86) International Application No :PCT/KR2004/000386
Filing Date :25/02/2004
(87) International Publication No :WO 2004/077346
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KOO, HONG-SIK

(57) Abstract :
The present invention relates to a biometric information recognition credit card system and credit card scanner. The biometric information of a credit card holder is scanned when using a credit card. The scanned biometric information is compared with separately stored biometric information. A part of the biometric information may be stored in the credit card. A credit card scanner transmits the biometric information and credit card information to a server only when the part of the biometric information stored in the credit card and the part of the scanned biometric information are identical with each other. A separated biometric information management center separately stores the biometric information of each credit card holder. When the separately stored biometric information and the scanned biometric information are identical with each other, the use of the credit card is approved.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/11/2004
(21) Application No.3728/DELNP/2004 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : METHOD AND SYSTEM FOR ENCAPSULATING CELLS

(51) International classification :H04L 12/64
(31) Priority Document No :10/158,351
(32) Priority Date :29/05/2002
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US03/14827
Filing Date :12/05/2003
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

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1)ROSENGARD, PHILIP, I
2)KRUNZ, MARWAN, M.

(57) Abstract :
Encapsulating cells includes receiving cells at a queue associated with decision points. Each decision point corresponds to a number of cells and is associated with a threshold criterion. The following operations are repeated until a threshold criterion is satisfied. A number of cells corresponding to a decision point are accumulated at the queue. Jitter associated with the cells at the queue is predicted, and it is determined whether the predicted jitter satisfies the threshold criterion associated with the decision point. If the predicted jitter satisfies the threshold criterion, the cells are sent to a buffer coupled to the queue. Otherwise, the cells continue to be accumulated at the queue. The cells in the buffer are encapsulated.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/02/2005
(21) Application No.381/DELNP/2005 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : "NOVEL LIPASES AND USES THEREOF"

(51) International classification :A12N 9/00
(31) Priority Document No :009145
(32) Priority Date :15/08/2003
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP2003/009145
Filing Date :15/08/2003
(87) International Publication No :WO 2004/018660
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

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7)DIETER MAIER
8)FABIO SPREAFICO
9)CHRISTIAN WAGNER
10)LEX DE BOER
11)ROELF BERNHARD MEIMA

(57) Abstract :
The invention relates to a newly identified polynucleotide sequence comprising a gene that encodes a novel lipolytic enzyme from Aspergillus Niger. The invention features the full length nucleotide sequence of the novel gene, the cDNA sequence comprising the full length coding sequence of the novel lipolytic enzyme as well as the amino acid sequence of the full-length functional protein and functional equivalents thereof. The invention also relates to methods of using these enzymes in industrial processes and methods of diagnosing fungal infections. Also included in the invention are cells transformed with a polynucleotide according to the invention and cells wherein a lipolytic enzyme according to the invention is genetically modified to enhance its activity and/or level of expression.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/12/2004
(21) Application No.3957/DELNP/2004 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : "METHOD AND SYSTEM FOR DEVICE TO DEVICE COMMAND AND CONTROL IN A NETWORK"

(51) International classification :G06F 15/173
(31) Priority Document No :60/084,578
(32) Priority Date :07/05/1998
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR99/00222
Filing Date :07/05/1999
(87) International Publication No :WO 99/57838
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :IN/PCT/2000/00297/DEL
Filed on :30/10/2000

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(72)**Name of Inventor :**
1)HUMPLEMAN, RICHARD
2)WANG, DONGYAN

(57) Abstract :
Method and system for command and control among a plurality of devices via a network by: connecting a first device to the network; connecting a second device to the network, where the second device stores application interface description data in a structured format for commanding and controlling the second device by other network devices; providing the Application interface description data to the first device over the network; and sending control and command data from the first device to the second device over the network utilizing the application interface description data to control the operation of the second device.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/09/2005
(21) Application No.3997/DELNP/2005 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : " OPTICAL DATA CARRIER COMPRISING A POLYMERIC NETWORK IN THE INFORMATION LAYER "

(51) International classification :G11B 7/14
(31) Priority Document No :103 13 173.6
(32) Priority Date :25/03/2003
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2004/002585
Filing Date :12/03/2004
(87) International Publication No :WO 2004/086390
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

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3)RAINER HAGEN
4)KARIN HASSENRUCK
5)SERGUEI KOSTROMINE
6)CHRISTA MARIA KRUGER
7)TIMO MEYER-FRIEDRICHSEN
8)RAFAEL OSER
9)JOSEF-WALTER STAWITZ

(57) Abstract :
Optical data carriers having at least one information layer which comprises a polymeric network comprising covalently bound light-absorbent compounds.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/02/2005
(21) Application No.425/DELNP/2005 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : "TAPPING ASSIST FASTENING ELEMENT AND METHOD"

(51) International classification :F16B
(31) Priority Document No :10/217,034
(32) Priority Date :13/08/2002
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2003/023011
Filing Date :24/07/2003
(87) International Publication No :WO 2004/015279
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

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(57) Abstract :
A fastening element and method that utilizes a fastener or stamping which is capable of forming a fastening assembly by engagement with a self-tapping fastener is disclosed. The fastening clement includes one or more indentations formed within a portion of the circumference of an unthreaded bore located within the fastening element. Bach indentation has an edge that can have the same helix angle or pilch as the self-tapping fastener that it is to engage to serve as a guide to properly align the fastener within the bore. The indentations also assist formation of mating threads within the element by significantly reducing the required end toad to start the tapping process.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/10/2005
(21) Application No.4527/DELNP/2005 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : LOCALIZATION SYSTEM AND METHOD FOR LOCALIZING OBJECTS OR ANIMALS USING SUCH A LOCALIZATION SYSTEM

(51) International classification :G01V 15/00
(31) Priority Document No :1023183
(32) Priority Date :15/04/2003
(33) Name of priority country :Netherlands
(86) International Application No :PCT/NL2004/000234
Filing Date :08/04/2004
(87) International Publication No :WO 2004/092773
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

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1)SCHIMMER, MARTIJN
2)BLOM, GEORGE, JOHANNES, FERDINANDUS

(57) Abstract :
In particular situations it may be desirable to follow, trace or otherwise localize specific (groups of) objects or animals, in particular people. The invention relates to a localization system. The invention also relates to a method for localizing objects or animals using such a localization system.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/02/2005
(21) Application No.761/DELNP/2005 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : "EFFICIENT ARITHMETIC IN FINITE FIELDS OF ODD CHARACTERISTIC ON BINARY HARDWARE"

(51) International classification :G06F 7/00
(31) Priority Document No :10/271,947
(32) Priority Date :17/10/2002
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/SE2003/001560
Filing Date :07/10/2003
(87) International Publication No :WO 2004/036413
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)ROLF BLOM
2)MATS NASLUND

(57) Abstract :
A method of processing binary data representing field elements of an odd-characteristic finite field GF(pk) is described. The method comprises storing binary data representing at least a portion of a field element of an odd-characteristic finite field GF(pk) in a register, p being an odd prime number, the field element comprising k coefficients in accordance with a polynomial-basis representation, the binary data comprising plural groups of data bits, wherein each group of data bits represents an associated one of the k coefficients. The method also comprises executing at least one operation on contents of the register such that the plural groups of data bits are processed in parallel. An apparatus comprising a memory and a processing unit coupled to the memory to carry out the method is also described.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/02/2005
(21) Application No.786/DELNP/2005 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : "DEMODULATION APPARATUS AND METHOD IN A COMMUNICATION SYSTEM EMPLOYING 16-ARY QAM"

(51) International classification :H03M 7/00
(31) Priority Document No :48758/2001
(32) Priority Date :13/08/2001
(33) Name of priority country :Korea(South)
(86) International Application No :PCT/KR02/01545
Filing Date :13/08/2002
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :00529/DELNP/2003
Filed on :08/04/2003

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)HA, SANG-HYUCK
2)KIM, MIN-GOO

(57) Abstract :
Disclosed is a 16-ary QAM (Quadrature Amplitude Modulation) demodulation apparatus. A first calculator decides a soft value A(sk 2) of a third demodulated symbol among 4 demodulated symbols by subtracting a distance 2a between two demodulated symbols on the same axis of a mapping table from a level Yk of the quadrature-phase component Yk. A second calculator decides a soft value A(sk3) of a fourth demodulated symbol by calculating Yk+α*Zk using a first variable a. A third calculator decides a soft value A(sk-0) of a first demodulated symbol by subtracting the distance 2a from a level Xk| of the in-phase component Xk. A fourth calculator decides a soft value A(sk-1) of a second demodulated symbol by calculating Xk+β*Z'k using a second variable β.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/01/2002
(21) Application No.79/DEL/2002 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : AN ANALYTICAL FOR PERFORMING IMMUNOASSAY FOR THE DETECTION OF ANALYTE IN A LIQUID

(51) International classification	:G01N 33/53
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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1)TARUN KUMAR DHAR
2)ARINDAM PAL

(57) Abstract :
A simple easy to manufacture analytical device capable of performing membrane based immunoassays on batch of samples within 3 to 10 minutes wherein the method permits focused application of samples, costly labeled immunoassay and signal amplification reagents, said device includes an antibody-immobilized micro porous membrane, breadth corner layer of which is directly attached to a semi-rigid liquid-impervious body with water insoluble adhesive; absorbent body is provided separately and is not attached to analytical device during manufacture, absorbent body is wetted and is placed proximal to the lower surface of the membrane thereby forming networks of capillary channels with the absorbent body; flow of samples or reagents is always kept downwards and focused without application of any force to the absorbent body and the use of disposable adsorbent body permits stepwise addition of signal amplification reagents for ultra sensitive detection of diagnostically important molecules by visual examination of the membrane surface.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/03/2005
(21) Application No.830/DEL/2005 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : "AUTOMATED BANKING MACHINE AND SYSTEM"

(51) International classification :G06F 17/60
(31) Priority Document No :60/091,887
(32) Priority Date :07/07/1998
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :617/DEL/1999
Filed on :21/04/1999

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7)MARK A. MOALES
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16)STEVEN C. SWINGLER
17)ROBERT E. USNER
18)NA
19)GLENDA GRISWOLD
20)OMAREL-KAISSI
21)JAMES CHURCH

(57) Abstract :
An automated banking machine (12) is operative to conduct transactions in response to HTML documents and TCP/IP messages exchanged with a local computer system (14) through an intranet (16), as well as in response to messages exchanged with foreign servers (20, 22, 24,26,28, 96) in a wide area network (18). The banking machine includes a computer (34) having an HTML document handling portion (76, 80, 82). The HTML document handling portion is operative to communicate through a proxy server (88), with a home HTTP server (90) in the intranet or the foreign servers in the wide area network. The computer further includes a device application portion (84) which interfaces with the HTML document handling portion and dispatches messages to operate devices (36) in the automated banking machine. The devices include a sheet dispenser mechanism (42) which dispenses currency as well as other transaction devices. The device application portion communicates with a device interfacing software portion (64) in the banking machine through a device server (92) in the intranet. The device server maintains local control over the devices in the banking machine including the sheet dispenser. The banking machine operates to read indicia on the user's card corresponding to a system address. The computer is operative to connect the banking machine to the home or foreign server corresponding to the system address, which connected server operates the banking machine until the completion of transactions by the user.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/03/2005
(21) Application No.832/DEL/2005 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : "AUTOMATED BANKING MACHINE AND SYSTEM"

(51) International classification :G06F 17/60
(31) Priority Document No :60/091,887
(32) Priority Date :07/07/1998
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :617/DEL/1999
Filed on :21/04/1999

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16)STEVEN C. SWINGLER
17)ROBERT E. USNER
18)GLENDA GRISWOLD
19)OMAR EL-KAISSI
20)JAMES CHURCH

(57) Abstract :
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(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/03/2005
(21) Application No.833/DEL/2005 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : "AUTOMATED BANKING MACHINE AND SYSTEM"

(51) International classification :G06F 17/60
(31) Priority Document No :60/091,887
(32) Priority Date :07/07/1998
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :617/DEL/99
Filed on :21/04/1999

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(57) Abstract :
An automated banking machine (12) is operative to conduct transactions in response to HTML documents and TCP/IP messages exchanged with a local computer system (14) through an intranet (16), as well as in response to messages exchanged with foreign servers (20,22, 24,26,28, 96) in a wide area network (18). The banking machine includes a computer (34) having an HTML document handling portion (76, 80, 82). The HTML document handling portion is operative to communicate through a proxy server (88), with a home HTTP server (90) in the intranet or the foreign servers in the wide area network. The computer further includes a device application portion (84) which interfaces with the HTML document handling portion and dispatches messages to operate devices (36) in the automated banking machine. The devices include a sheet dispenser mechanism (42) which dispenses currency as well as other transaction devices. The device application portion communicates with a device interfacing software portion (64) in the banking machine through a device server (92) in the intranet. The device server maintains local control over the devices in the banking machine including the sheet dispenser. The banking machine operates to read indicia on the user's card corresponding to a system address. The computer is operative to connect the banking machine to the home or foreign server corresponding to the system address, which connected server operates the banking machine until the completion of transactions by the user.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/03/2005
(21) Application No.835/DEL/2005 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : "AUTOMATED BANKING MACHINE AND SYSTEM"

(51) International classification :G06F 17/60
(31) Priority Document No :60/091,887
(32) Priority Date :07/07/1998
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :617/DEL/99
Filed on :21/04/1999

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17)ROBERT E. USNER
18)GLENDA GRISWOLD
19)OMAR ELKAISSI
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(57) Abstract :
An automated banking machine (12) is operative to conduct transactions in response to HTML documents and TCP/IP messages exchanged with a local computer system (14) through an intranet (16), as well as in response to messages exchanged with foreign servers (20,22,24,26,28, 96) in a wide area network (18). The banking machine includes a computer (34) having an HTML document handling portion (76, 80, 82). The HTML document handling portion is operative to communicate through a proxy server (88), with a home HTTP server (90) in the intranet or the foreign servers in the wide area network. The computer further includes a device application portion (84) which interfaces with the HTML document handling portion and dispatches messages to operate devices (36) in the automated banking machine. The devices include a sheet dispenser mechanism (42) which dispenses currency as well as other transaction devices. The device application portion communicates with a device interfacing software portion (64) in the banking machine through a device server (92) in the intranet. The device server maintains local control over the devices in the banking machine including the sheet dispenser. The banking machine operates to read indicia on the user's card corresponding to a system address. The computer is operative to connect the banking machine to the home or foreign server corresponding to the system address, which connected server operates the banking machine until the completion of transactions by the user.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/03/2005
(21) Application No.836/DEL/2005 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : "AUTOMATED BANKING MACHINE AND SYSTEM"

(51) International classification :G06F 17/60
(31) Priority Document No :60/091,887
(32) Priority Date :07/07/1998
(33) Name of priority country :U.S.A.
(86) International Application No :60/091,887
Filing Date :07/07/1998
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :617/DEL/99
Filed on :21/04/1999

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17)ROBERT E. USNER
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(57) Abstract :
An automated banking machine (12) is operative to conduct transactions in response to HTML documents and TCP/IP messages exchanged with a local computer system (14) through an intranet (16), as well as in response to messages exchanged with foreign servers (20,22, 24,26,28, 96) in a wide area network (18). The banking machine includes a computer (34) having an HTML document handling portion (76, 80, 82). The HTML document handling portion is operative to communicate through a proxy server (88), with a home HTTP server (90) in the intranet or the foreign servers in the wide area network. The computer further includes a device application portion (84) which interfaces with the HTML document handling portion and dispatches messages to operate devices (36) in the automated banking machine. The devices include a sheet dispenser mechanism (42) which dispenses currency as well as other transaction devices. The device application portion communicates with a device interfacing software portion (64) in the banking machine through a device server (92) in the intranet. The device server maintains local control over the devices in the banking machine including the sheet dispenser. The banking machine operates to read indicia on the user's card corresponding to a system address. The computer is operative to connect the banking machine to the home or foreign server corresponding to the system address, which connected server operates the banking machine until the completion of transactions by the user.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/03/2005
(21) Application No.841/DEL/2005 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : "METHOD AND APPARATUS FOR IMPROVED INFORMATION VISUALIZATIONS"

(51) International classification :G06F 17/30
(31) Priority Document No :08/671, 142
(32) Priority Date :27/06/1996
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :1735/DEL/1997
Filed on :26/02/1997

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(72)**Name of Inventor :**
1)JOHN LIGHT
2)JOHN DAVID MILLER

(57) Abstract :
An information handling system with a display device, and a software program for controlling the information handling system to process an information file to produce qualitative measurements of multiple attributes of the information file, and to generate an iconic graph with preselected dimensions for visually representing and displaying the qualitative measurements on the display device.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/03/2005
(21) Application No.860/DELNP/2005 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : "BATTERY WITH HIGH ELECTRODE INTERFACIAL SURFACE AREA"

(51) International classification :H01M
(31) Priority Document No :10/251,002
(32) Priority Date :20/09/2002
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2003/029436
Filing Date :17/09/2003
(87) International Publication No :WO 2004/027894
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)SLEZAK PHILIP J

(57) Abstract :
An electrochemical battery cell in accordance with the invention has a high electrode interfacial surface area to improve high rate discharge capacity, and the shapes of the electrodes facilitate the manufacture of cells of high quality and reliability at high speeds suitable for large scale production. The interfacial surfaces of the solid body electrodes have radially extending lobes that increase the interfacial surface area. The lobes do not have sharp comers, and the concave areas formed between the lobes are wide open, to facilitate assembly of the separator and insertion of the other electrode into the concave areas without leaving voids between the separator and either electrode.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/03/2005

(21) Application No.870/DELNP/2005 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : "PNEUMATIC BRAKE BOOSTER"

(51) International classification :B60T 13/57
(31) Priority Document No :02/11745
(32) Priority Date :19/09/2002
(33) Name of priority country :France
(86) International Application No :PCT/EP2003/010100
Filing Date :09/09/2003
(87) International Publication No :WO 2004/026653
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

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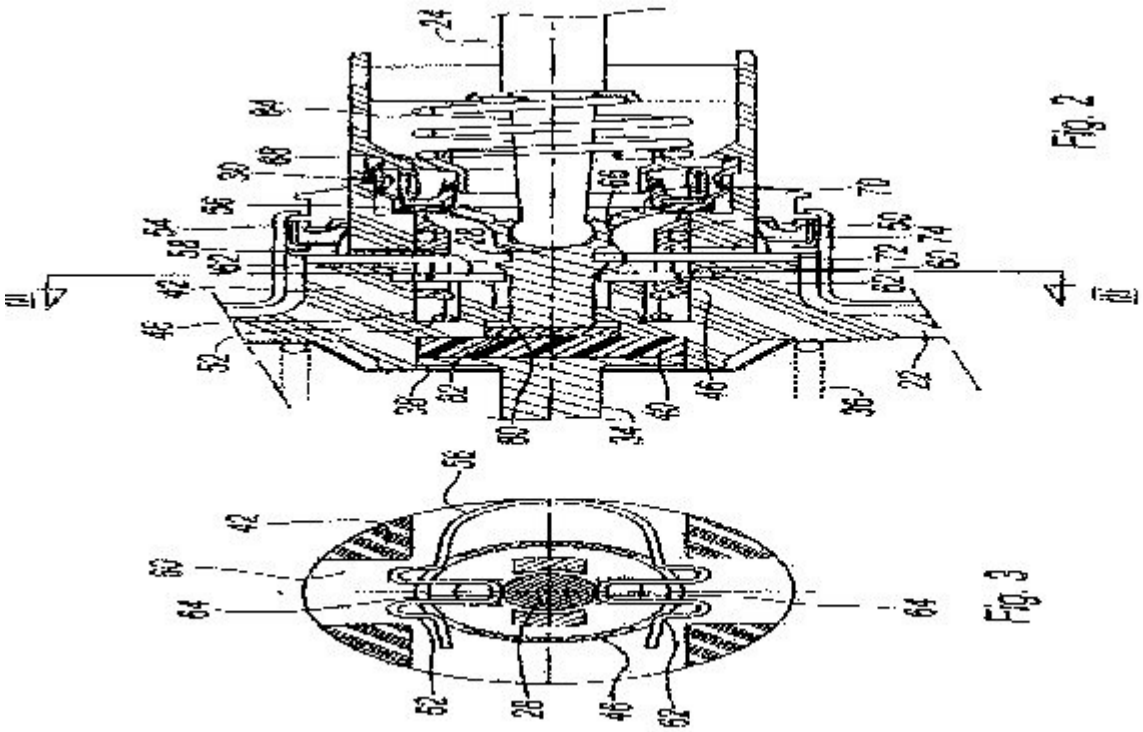
1)JUAN SIMON BACARDIT
2)BRUNO BERTHOMIEU
3)FERNANDO SACRISTAN

(57) Abstract :
Pneumatic brake booster, in particular for a motor vehicle, comprising a piston (22) mounted between a control rod (24) actuated by a brake pedal and a push rod (34) actuating a piston of a brake master cylinder, and means for increasing brake boosting during an emergency braking, comprising a cylindrical sleeve (46) mounted in an axially sliding and sealed manner inside the piston (22), this sleeve being retained in the rest position by locking means (58) and released to push away the shutter (56) of a three-way valve and increase the supply of atmospheric air to the booster when the control rod (24) is moved at a speed which is greater than a predetermined value.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/04/2005
(21) Application No.889/DEL/2005 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : "AN IMPROVED TIRE SIDEWALL"

(51) International classification :B60C 17/00
(31) Priority Document No :08/555,739
(32) Priority Date :09/11/1995
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :2025/DEL/1996
Filed on :16/09/1996

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MICHEL CLEMENTZ GILBERT FELLER, RAYMOND MERX;
2)BURDEN, LUXEMBOURG

(57) Abstract :
An improved tire sidewall 12 for a tire 10 has an annular outer surface 11, the annular outer surface 11 having a design pattern having a first pattern 15 and a second pattern 17. The second pattern 17 is superimposed over a portion of ridges 20 of the first pattern 15. The improvement has the ridges 20 of the first pattern 15 within a sidewall sector 13 defined by parallel planes passing through a plane (T) parallel to the equatorial plane of the tire 10 and perpendicular to the axis of rotation of the annular tire sidewall 12 to form lines 21 all having the same slope (x/y). Preferably the ridges 20 have a substantially triangular cross section having an included angle of about 100Â° at the apex. The sectors 13A,13B,13C and 13D can be any portion of the tire sidewall 12, preferably the sectors 13 being quadrants, halves, or the whole annular surface 11. The resulting patterns yield a decorative sidewall 12 having unique contrasting light and dark appearance.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/03/2005
(21) Application No.912/DELNP/2005 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : "EXCEPTION TYPES WITHIN A SECURE PROCESSING SYSTEM"

(51) International classification :G06F 9/40
(31) Priority Document No :0226905.8
(32) Priority Date :18/11/2002
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2003/004621
Filing Date :27/10/2003
(87) International Publication No :WO 2004/046916
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ARM LIMITED
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1)SIMON CHARLES WATT
2)CHRISTOPHER BENTLEY DORNAN
3)LUC ORION
4)NICOLAS CHAUSSADE
5)LIONEL BELNET
6)STEPHANE ERIC SEBASTIEN BROCHIER

(57) Abstract :
There is a provided apparatus for processing data, said apparatus comprising: a processor operable in a plurality modes and either a secure domain or a non-secure domain including: at least one secure mode being a mode in said secure domain; and at least one non-secure mode being a mode in said non-secure domain; wherein when said processor is executing a program in a secure mode said program has access to secure data which is not accessible when said processor is operating in a non-secure mode; said processor is responsive to one or more exception conditions for triggering exception processing using an exception handler, said processor being operable to select said exception handler from among a plurality of possible exception handlers in dependence upon whether said processor is operating is said secure domain of said non-secure domain.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/09/2001
(21) Application No.924/DEL/2001 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : "INFORMATION PROCESSING APPARATUS AND METHOD, AND INFORMATION PROCESSING PROGRAM"

(51) International classification	:G06F 3/033
(31) Priority Document No	:P2000-272242
(32) Priority Date	:07/09/2000
(33) Name of priority country	:Japan
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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4)KENICHI AGATA
5)TAKASHI YAMAMOTO
6)KAORU HAYASHI
7)OSAMU GOMIBUCHI

(57) Abstract :
Executing a desired processing immediately by a simple operation using a jog dial for example. The display unit (3) has a jog dial (4) (a first operating means) and a back button (5) (second operating means) provided vertically-at the right upper comer thereof. The jog dial (4) can be rotated and pushed. The back button (5) is to undo an operation having been made by pushing the jog dial (4), and it is located near the jog dial (5).

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/03/2005
(21) Application No.951/DELNP/2005 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : "SYSTEM AND METHOD FOR DIGITAL COMPENSATION OF DIGITAL TO ANALOG AND ANALOG TO DIGITAL CONVERTERS"

(51) International classification :H03M 1/10
(31) Priority Document No :60/414,166
(32) Priority Date :27/09/2002
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IE2003/000129
Filing Date :24/09/2003
(87) International Publication No :WO 2004/030219
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)THOMAS G. O'DWYER
3)OLIVER JAMES BRENNAN
4)ALAN WALSH
5)TUDOR VINEREANU

(57) Abstract :
The present invention relates to a system and method for digitally compensating signal converters and in particular a digital to analog converter which receives digital input data for a digital to analog converter and supplies anti-function digital coefficients derived from the error function of the digital to analog converter and corresponding to the digital input data and applies the anti-function digital coefficients to the digital input data to pre-condition the digital input data to compensate for the error function of the digital to analog converter. The invention also extends to analog to digital converters.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/03/2005
(21) Application No.952/DELNP/2005 A
(43) Publication Date : 26/01/2007

(54) Title of the invention : "AN ULTRASOUND TRANSCEIVER SYSTEM FOR REMOTE OPERATION THROUGH A MINIMAL NUMBER OF CONNECTING WIRES"

(51) International classification :G01S 15/89
(31) Priority Document No :PCT/NO2002/000301
(32) Priority Date :29/08/2002
(33) Name of priority country :Norway
(86) International Application No :PCT/NO2002/000301
Filing Date :29/08/2002
(87) International Publication No :WO 2004/021044
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

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2)TONNI F. JOHANSEN

(57) Abstract :
An ultrasound pulse echo transceiver system for operation at a distance from an ultrasound measurement or imaging system through a minimal set of wires, comprising at least one ultrasound transducer element and an electronic circuit being mounted close to the transducer element and containing at least a receiver amplifier and a transmit switch. DC bias voltage to the electronic circuit is provided from the ultrasound instrument via a bias wire and the transducer element is electrically connected to the input of the receiver amplifier, the amplifier input being designed so that it tolerates large AC transmit pulse voltages at the transducer electrodes. The output of the receiver amplifier is fed to the ultrasound instrument through a receiver wire, possibly through other electronic circuits. A transmit switch on one terminal is connected to the hot electrode of the transducer element and on the other terminal is connected to a transmit wire that feeds high voltage AC pulses from the ultrasound instrument, possibly through a buffer amplifier that is part of the transceiver, for transmission of ultrasound pulses from the transducer.

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(54) Title of the invention : "SIGNAL RECORDING METHOD & APPARATUS SIGNAL RECORDING/REPRODUCING METHOD & APPARATUS AND SIGNAL RECORDING MEDIUM"

(51) International classification :G11B 20/00
(31) Priority Document No :P09-128233
(32) Priority Date :19/05/1997
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Filing Date :NA
(62) Divisional to Application Number :1286/DEL/98
Filed on :15/05/1998

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(57) Abstract :
By reducing the number of seek operations in an operation to play back a signal from a recording medium, the amount of data temporarily stored in a read buffer memory employed in a signal recording/playback apparatus is large enough to be output as a playback signal during a seek operation, allowing a continuous playback operation to be carried out. In order to reduce the number of seek operations, a signal is always recorded onto the recording medium in continuous free areas each having a size equal to or larger than a predetermined recording/playback time length which is typically set at 1 minute. If it is necessary to insert an additional signal having a length smaller than the predetermined recording /playback time length into a point of insertion in an area already occupied by an existing signal, a continuous free area with a size equal to or larger than the predetermined recording/playback time length is newly allocated to the additional signal. The additional signal is then recorded in the free area instead of being inserted into the point of insertion. Since the free area is larger in size than the length of the additional signal, the rest of the free area is filled up with a portion of the existing signal adjacent to the point of insertion.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/03/2000
(21) Application No.IN/PCT/2000/00022/DEL A
(43) Publication Date : 26/01/2007

(54) Title of the invention : "METHOD AND APPARATUS FOR WATER INJECTION IN A TUBINE ENGINE"

(51) International classification	:F02C 3/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:WO 00/08326Q
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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3)BROWN CURTISL.,

(57) Abstract :
Methods and apparatus for injecting water into a turbine engine are described. In one embodiment, water injection apparatus is provided for injecting water into the gas flow through the engine, e.g., at a high pressure and/or low pressure compressor inlet. The water injection apparatus includes a plurality of nozzles arranged so that water injected into the gas flow by the nozzles results in substantially uniformly reducing the temperature of the gas flow at the high pressure compressor outlet.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/07/2002

(21) Application No.IN/PCT/2002/00678/DEL A
(43) Publication Date : 26/01/2007

(54) Title of the invention : "APPLICATION DEVELOPMENT SYSTEM FOR A MEDICAL IMAGING SYSTEM"

(51) International classification	:G06F 19/00	(71)**Name of Applicant :**
(31) Priority Document No	:09/721,233	**1)GE MEDICAL SYSTEMS GLOBAL TECHNOLOGY COMPANY LLC**
(32) Priority Date	:22/11/2000	Address of Applicant :3000 NORTH GRANDVIEW BOULEVARD, WAUKESHA, WISCONSIN 53188, USA U.S.A.
(33) Name of priority country	:U.S.A.	(72)**Name of Inventor :**
(86) International Application No Filing Date	:PCT/US01/46745 :08/11/2001	**1)DEBBINS JOSEF PHILLIP**
(87) International Publication No	:WO 02/42987	**2)GOULD KRISTINE LOUISE**
(61) Patent of Addition to Application Number Filing Date	:NA :NA	**3)LICATO PAUL E**
(62) Divisional to to Application Number Filing Date	:NA :NA	**4)POLZIN JASON ANDREW** **5)THOMAS DEPPA**

(57) Abstract :
A workstation (10) is programmed to operate as an application development system for a medical imaging system. Objects programmed in an object-oriented language are selected from a component library (72) using a visual component assembler (60) which enables them to be dragged from a framework area (64) on a display (12) to a workspace area (66). Properties of selected components may be edited, and the resulting collection of components may be saved as an application program.

PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT OF PATENT

Following Patents have been granted and any "person interested" in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed Form 7 along with written statement and evidence if any.

Sl. No.	PATENT NOS.	PATENT APPLICA-TION NOS.	DATE OF PATENT (FILING)	DATE OF PRIO-RITY (Earliest)	T I T L E	NAME OF THE PATENTEE	DATE OF PUBLICA-TION OF ABSTRACT U/S.11A.	APPROPRI-ATE OFFICE
1.	200636	IN/PCT/ 2001/00189/KOL	15/02/ 2001	15/09/ 1998	A METHOD FOR ACCESSING A VIDEO STREAM, AND A COMPUTER SYSTEM THEREFOR.	INTEL CORPORATION	11-11-05	KOLKATA
2.	200637	00192/ KOL/2003	31-03-1997 (Ante-dated)	NIL	AN INTEGRATED SAMPLE CONDITIONING AND AIR CONDITIONING MACHINE.	PREMIER POLYTRONICS LIMITED	11-03-05	KOLKATA
3.	200638	IN/PCT/ 2002/1282/KOL	16/10/ 2002	20/04/ 2000	CORROSION-PROTECTED COAXIAL CABLE METHOD OF MAKING SAME AND CORROSION-INHIBITING COMPOSITION.	COMMSCOPE, INC	11-03-05	KOLKATA
4.	200639	IN/PCT/ 2001/01261/ KOL	29/05/ 2000	31/05/ 1999	COMMUNICATIO N TERMINAL AND ADVERTISING METHOD USING THE SAME	PARK, WON-SEOP	25-03-05	KOLKATA
5.	200646	1618/CAL/ 1997	02/09/ 1997	05/09/ 1996	SELECTIVE ADRENNERGIC AGONISTS.	ELI LILLY AND COMPANY,	11-03-05	KOLKATA
6.	200647	IN/PCT/ 2002/01418/KOL	22/05/ 2000	22/05/ 2000	A PROCESS FOR MANUFACTURIN G AUSTENITIC ALLOY.	SANDVIK INTELLECTUA L PROPERTY AB.	11-03-05	KOLKATA

7.	200648	1475/CAL/ 1998	19/08/ 1998	20/08/ 1997	A PROCESSING SYSTEM TO WARM AT LEAST ONE PRIMARY CONTAINER CONTAINING A SUSTENSION OF CRYOPRESERVE D CELLS, AND A CASSETTE THEREFOR.	BIOPORE, INC.,	11-11-05	KOLKATA
8.	200685	IN/PCT/ 2001/00048/KOL	25/06/ 2001	29/06/ 1998	METHOD AND DEVICE FOR CONTROLLING A TRAJECTORY OF A LIGHTER-THAN-AIR SYSTEM	GLOBAL AEROSPAC E CORPORATI ON	04-11-05	KOLKATA
9.	200686	617/CAL/ 1996	04/04/ 1996	10/04/ 1995	A PROCESS FOR PRODUCING A SURFACE-TREATED PLATELET-LIKE PIGMENT	MERCK PATENT GESELLSCH AFT MIT BESCHRAN KTER HAFTUNG	15-12-05	KOLKATA
10.	200687	117/CAL/ 2002	01/03/ 2002	07/03/ 2001	A FIBER PROCESSING MACHINE	TRUTZSCHLER GMBH & CO. KG	28-10-05	KOLKATA
11.	200688	04/CAL/ 2002	01/01/ 2002	NIL	AN IMPROVED PROCESS FOR THE UPGRADATION OF PETROLEUM HEAVY FEED STOCK	DR. AMALESH SIRKAR	21-10-05	KOLKATA
12.	200689	295/CAL/ 2001	21/05/ 2001	NIL	A SYSTEM/FURNAC E FOR IMPROVED OXIDATION RESISTANCE MEASURING OF CARBON CONTAINING REFRACTORIES	STEEL AUTHORITY OF INDIA LIMITED	11-11-05	KOLKATA
13.	200690	1783/CAL/ 1998	08/10/ 1998	13/02/ 1998	A METHOD OF RECORDING TRANSMITTED DIGITAL DATA AND A RECORDING MEANS HAVING A PORTABLE SECURITY MODULE FOR USE IN SAID METHOD	CANAL + SOCIETE ANONYME	28-10-05	KOLKATA
14.	200691	520/CAL/ 1999	25/06/ 1999	02/06/ 1998	PRESSURE CONTROL SYSTEM.	HUNTLEIGH TECHNOLOGY PLC.	28-10-05	KOLKATA

15.	200692	00257/ KOL-NP/2003	05/09/ 2001	05/09/ 2000	UNSATURATED POLYESTER RESIN COMPOSITION.	DAINIPPON INK AND CHEMICALS, INC.,	11-03-05	KOLKATA
16.	200694	IN/PCT/ 2002/00775/ KOL	07/12/ 2000	07/12/ 1999	AN OLIGOSACCHARIDE MIXTURE.	N.V.NUTRICIA	16-09-05	KOLKATA
17.	200937	IN/PCT/ 2001/1082/ KOL	06/04/ 2000	23/04/ 1999	APPARATUS FOR CONTINUOUSLY RECYCLING OF SYNTHETIC PLASTICS MATERIAL PREFERABLY POLYESTER	1)BACHER HELMUT, 2)SCHULZ HELMUTH, 3)WENDELIN GEORG.	25-11-05	KOLKATA
18.	200938	IN/PCT/ 2002/00682/ KOL	16/10/ 2001	17/10/ 2000	AN EARRING CARTRIDGE AND AN EARRING CARTRIDGE AND GUN SYSTEM	REIL VLADIMIR	11-03-05	KOLKATA
19.	200939	435/KOL-NP/2003	29/03/2001	12/10/ 2000	METHOD AND SYSTEM FOR PROVIDING ADVERTISING	MAGGIO FRANK, S.	25-11-2003	KOLKATA
20.	201121	083/KOL/ 2004	03/03/ 2004	03/03/ 2003	METHOD OF LASER BEAM WELDING OF METAL	DANA CORPORATION	02-12-05	KOLKATA
21.	201122	2088/CAL/ 1997	05/11/ 1997	07/11/ 1996	METHOD AND APPRATUS FOR MANUFECTRUIN GCOMPOSITE SECURITY THREAD AND SECURITY PAPER CONSTRUCTED THEREBY	THE GOVENOR & COMPANY OF THE BANK OF ENGLAND	02-12-05	KOLKATA
22.	201123	IN/PCT/ 2000/00393/KOL	16/04/ 1999	17/04/ 1998	A TRANSMISSION SYSTEM, A RECEPTION SYSTEM FOR RECEIVING THE SIGNAL TRANSMITTED THEREFROM, AND METHOD FOR TRANSMITTING MULTILEVEL DIGITAL INFORMATION COMBINED WITH AN ANALOG TELEVISION SIGNAL.	ENCAMERA SCIENCES CORPORATION	02-12-05	KOLKATA