

1) Family number: 60227030 (US2015274587A)

© PatBase

Title: METHODS AND SYSTEMS RELATING TO ENHANCING MATERIAL TOUGHNESS

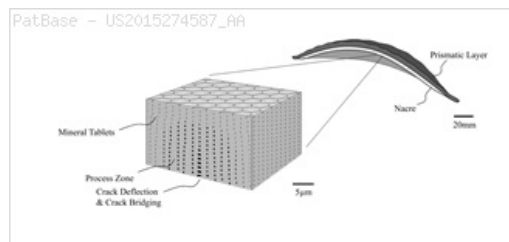
Abstract: Highly mineralized natural materials often boast unusual combinations of stiffness, strength and toughness currently unmatched by today's engineering materials. Beneficially, according to the embodiments of the invention, these unusual combinations can be introduced into ceramics, glasses, and crystal materials, for example by the introduction of patterns of weaker interfaces with simple or intricate architectures, which channel propagating cracks into toughening configurations. Further, such deliberately-introduced weaker interfaces, such as exploiting three-dimensional arrays of laser-generated microcracks, can deflect and guide larger incoming cracks. Addition of interlocking interfaces and flexible materials provide further energy dissipation and toughening mechanism, by channeling cracks into interlocking configurations and ligament-like pullout mechanisms. Such biomimetic materials, based on carefully architected interfaces, provide a new pathway to toughening hard and brittle materials.

Classifications:

International (IPC 8-9): B32B33/00 B32B37/14 B32B7/02 C03C17/32 C03C23/00 (Advanced/Invention)

CPC: C03C23/0025 C03C17/322 Y10T29/49826 B23K26/00 B23K26/0624 B23K26/082 B23K26/38 B23K26/389 B23K26/53 B23K2103/30 B23K2103/50 B23K2103/54 B32B17/064 C03B33/0222 C03B33/04

US: 29/428 65/102 65/60.3



Family:

Publication number	Publication date	Application number	Application date
CA2883427 AA	20150828	CA20152883427	20150227
US2015274587 AA	20151001	US20150633655	20150227

Priority:

US20140946279P 20140228 US20150633655 20150227

Probable Assignee: ROYAL INSTITUTION FOR ADVANCEMENT OF LEARNING MCGILL UNIV

Assignee(s): (std): ROYAL INST FOR ADVANCEMENT OF LEARNING MCGILL UNIV ; UNIV MCGILL

Assignee(s): ROYAL INSTITUTION FOR ADVANCEMENT OF LEARNING MCGILL UNIV ; VALASHANI SEYED MOHAMMAD M ; BARTHELAT FRANCOIS ; DASTJERDI AHMAD KHAYER

Inventor(s): (std): BARTHELAT FRANCOIS ; DASTJERDI AHMAD KHAYER ; VALASHANI SEYED MOHAMMAD M ; VALASHANI SEYED MOHAMMAD MIRKHALAF

Agent(s): PERLEY ROBERTSON HILL AND MCDUGALL LLP; NORTON ROSE FULBRIGHT CANADA LLP SENCRL SRL

2) Family number: 63190071 (US2016235612A)

© PatBase

Title: PORTABLE LEG DEEP VEIN MASSAGER AND PROPULSOR

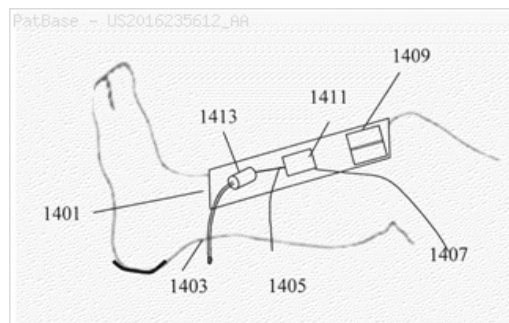
Abstract: A portable deep vein leg massager apparatus with harness attaching to a human lower leg having a segmented calf surface staged assemblies compressing and de-compressing the calf muscle directionally toward the shin. The segmented staged electro-mechanical assemblies act synchronously to compel deep vein blood vessels to push blood from the ankle towards the heart.

Classifications:

International (IPC 8-9): A61H1/00 A61H7/00 A61H9/00 (Advanced/Invention)

CPC: A61H7/001 A61H9/0078 A61H2201/1215 A61H2201/1238 A61H2201/1481 A61H2201/149 A61H2201/164 A61H2201/165 A61H2201/5002 A61H2201/5071 A61H2209/00

US: 601/152



Family:

Publication number	Publication date	Application number	Application date
RU2671656 C1	20181106	RU20170132090	20160212
US2016235612 AA	20160818	US20150622693	20150213
US9717641 BB	20170801	US20150622693	20150213

Priority:

US20150622693 20150213 WO2016US17777 20160212

Probable Assignee: KY ALBERT

Assignee(s): (std): KY ALBERT

Inventor(s): (std): KY ALBERT

Agent(s): ZUJKOVU SA; WALT; LAMBRINOS MATTHEW F

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

3) Family number: 48494203 (US2011067271A)

© PatBase

Title: PROTECTIVE BOOT

Abstract: An article of footwear has an upper and a sole structure. The upper has a foot portion for receiving a foot and a leg portion for receiving at least a portion of a leg, and the sole structure is secured to a lower area of the foot portion. The footwear includes at least one of a plate system, a hinge system, and a sole structure formed from materials of different hardness, stiffness, or density. The plate system includes a plate that extends over a medial side of the footwear and may (a) be formed of materials of different hardness or (b) extend onto the sole structure and into an indentation in the sole structure. The hinge system includes a chassis secured to the foot portion and a beam secured to the leg portion, with a hinge rotatably-joining the chassis and beam.

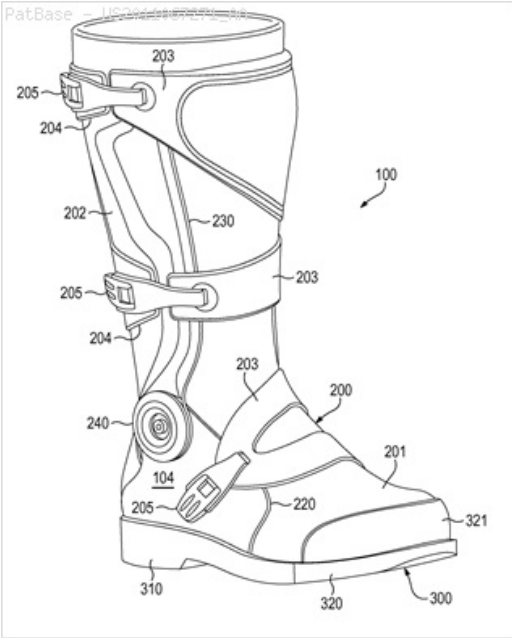
Classifications:

International (IPC 8-9): A43B13/12 A43B13/14 A43B13/16 A43B13/18 A43B23/00 A43B23/02 A43B23/08 A43B3/00 A43B3/02 A43B5/00 A43B5/14 A43B7/20 A43B7/32 (Advanced/Invention)

CPC: A43B13/16 A43B3/0047 A43B5/145 A43B7/32 A43B13/188 A43B7/20

European: A43B13/16 A43B13/18F5 A43B3/00S20 A43B5/14B A43B7/20 A43B7/32

US: 36/109 36/131 36/131P 36/25.00RS 36/25R 36/45 36/45S 36/72R 36/77R 36/89



Family:

Publication number	Publication date	Application number	Application date
AU2010295378 AA	20110324	AU20100295378	20100920
AU2010295378 BB	20140306	AU20100295378	20100920
CN102573548 A	20120711	CN201080041810	20100920
CN102573548 B	20140618	CN201080041810	20100920
CN103519485 A	20140122	CN201310333241	20100920
CN103519485 B	20150617	CN201310333241	20100920
CN103549722 A	20140205	CN201310333242	20100920
CN103549722 B	20160106	CN201310333242	20100920
DE602010051860 D1	20180809	DE201060051860T	20100920
EP2480105 A2	20120801	EP20100776204	20100920
EP2480105 B1	20180711	EP20100776204	20100920
JP2012213647 A2	20121108	JP20120140941	20120622
JP2013075148 A2	20130425	JP20120140956	20120622
JP2013505077 T2	20130214	JP20120529961T	20100920
JP5558574 B2	20140723	JP20120529961T	20100920
JP5594911 B2	20140924	JP20120140956	20120622
JP5647185 B2	20141224	JP20120140941	20120622
KR101357320 B1	20140203	KR20127009877	20100920
KR101427844 B1	20140808	KR20137021933	20100920
KR101433618 B1	20140826	KR20137021930	20100920
KR20120088708 A	20120808	KR20127009877	20100920
KR20130100020 A	20130906	KR20137021930	20100920

KR20130100021 A	20130906	KR20137021933	20100920
US2011067271 AA	20110324	US20090563751	20090921
US8307572 BB	20121113	US20090563751	20090921
WO11035236 A2	20110324	WO2010US49481	20100920
WO11035236 A3	20110721	WO2010US49481	20100920

Priority:

US20090563751 20090921 CN201080041810 20100920 EP20100776204 20100920
WO2010US49481 20100920 JP20120529961 20100920 JP20120529961T 20100920

Probable Assignee: NIKE INC

Assignee(s): (std): FOXEN THOMAS ; HOPE ANTHONY ; HURD JOHN ; JONES MIKE ; NIKE INC ; NIKE INTERNATIONAL LTD ; NIKE INT LTD ; NIKE INNOVATE CV

Assignee(s): NIKE INNOVATE CV BEAVERTON ; NIKE INTERNATL LTD

Inventor(s): (std): FOXEN THOMAS ; HURD JOHN ; JONES MIKE ; HOPE ANTHONY ; THOMAS FOXEN ; ANTHONY HOPE ; MIKE JONES ; JOHN HURD

Inventor(s): FOXEN THOMAS BEAVERTON ; HURD JOHN BEAVERTON ; JONES MIKE BEAVERTON ; HOPE ANTHONY BEAVERTON

Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; FLEUCHAUS AND GALLO PARTNERSCHAFT MBB; TOMBLING ADRIAN GEORGE; PLUMSEA LAW GROUP LLC; KUZARA BYRON S ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

4) Family number: 11858285 (US5986278A)

© PatBase

Title: FILMLESS PHOTON IMAGING APPARATUS

Abstract: Filmless photon imaging sensor plates and apparatus which are particularly effective in medical radiology and industrial applications including, but not limited to high resolution mammography. In combination, the sensor plates and apparatus provide rapid production of high resolution images which exhibit higher sensitivity and wider dynamic range than contemporary X-ray systems. Novel sensor plate structures provide images having attributes of increased sensitivity; dual plate design providing increased pixel read-out speed and differential dual energy image production; and electrically isolated segments by which a plurality of pixels are read concurrently to reduce overall image processing time. Generally, the plates employ a homogeneous photoconductive material such as amorphous selenium and are read by exposing each pixel sized area to a small diameter scanning light beam. Using light beam scanning, resulting plate design promises low cost manufacture of both sensor plates and associated apparatus. Novel application of electric fields during plate preparation, exposure and read-out provides improved sensor plate performance. A plurality of precisely-positioned light beams are scanned across the sensor through the use of a novel optical system employing an elongated light source disposed within a rotating drum, the drum being generally opaque with a helical transparent pattern which in combination with a series of lenses and a slit provides the plurality of precisely-positioned scanning light beams. By changing slit and beam widths, variable resolution operation is achieved.

Classifications:

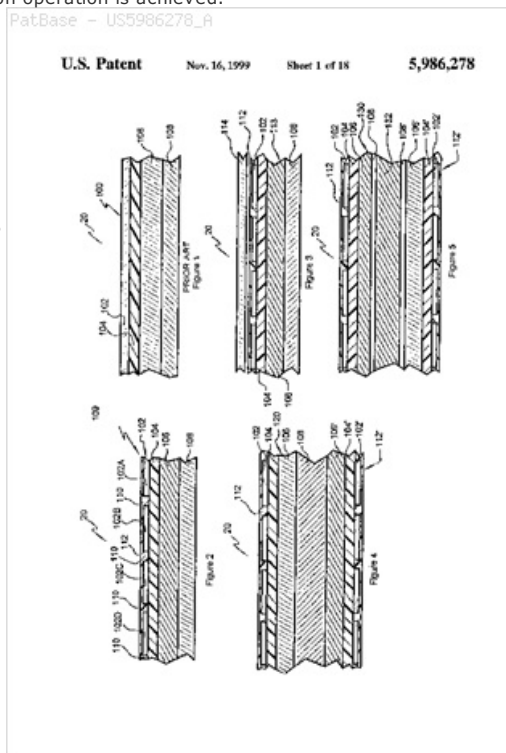
International (IPC 8-9): A61B6/00 G01D5/26 G01J1/44 G01N23/04 G01T1/24 G01T1/26 G01T1/29 G03G13/045 G03G5/043 G03G5/082 G03G5/14 H01L27/146 H04N5/30 H04N5/32 (Advanced/Invention); G01N23/02 G01T1/00 G03G5/043 G03G5/082 G03G5/14 H01L27/146 (Core/Invention)

International (IPC 1-7): A61B6/00 G01D5/26 G01J1/44 G01N23/04 G01T1/24 G01T1/29 G03G13/045 G03G5/04 H04N5/30 H04N5/32

CPC: G01T1/246 H01L27/14676 G01N23/04 G03G5/0433 G03G5/08207 G03G5/144

European: G01N23/04 G01T1/26 G01T1/29D9 G03G5/043B G03G5/082B G03G5/14B2 H01L27/146P5

US: 250/370.09 250/580 250/591 257/E27.146



Family:

Publication number	Publication date	Application number	Application date
AT509288 E	20110515	AT19980930395T	19980618
AU199879796 A1	19990104	AU19980079796	19980618

BRPI9810308 A	20000919	BR1998PI10308	19980618
CA2288261 AA	19991019	CA19982288261	19980618
CA2288261 C	20050823	CA19982288261	19980618
CN1261437 A	20000726	CN19988006606	19980618
DE69842268 D1	20110622	DE19986042268	19980618
EP0991956 A1	20000412	EP19980930395	19980618
EP0991956 A4	20060111	EP19980930395	19980618
EP0991956 B1	20110511	EP19980930395	19980618
JP2002505752 T2	20020219	JP19990504834T	19980618
US5986278 A	19991116	US19980179078	19981026
US5994713 A	19991130	US19970900541	19970625
US5994713 A	19991130	US19970900541	19970725
WO9859261 A1	19981230	WO1998US12761	19980618

Priority:

US19970900541 19970625 EP19980930395 19980618 WO1998US12761 19980618
US19980179078 19981026

Probable Assignee: QUANTUM IMAGING CORP

Assignee(s): (std): QUANTUM IMAGING CORP

Assignee(s): THORNE GALE H ; ZERMENO ALFONZO ; BECKER CHARLES D ; FOSTER HARRY D

Inventor(s): (std): BECKER CHARLES D ; FOSTER HARRY D ; FOSTER HARRY DELL ; THORNE GALE H ; YARDLEY JAMES V ; ZERMENO ALFONZO ; THORNE GALE ; FOSTER HARRY ; BECKER CHARLES

Inventor(s): ALFONZO ZERMENO ; ZERMENO ALFONZO HOUSTON ; ZERMENO ALFONSO ; THORNE GALE H BOUNTIFUL ; GALE H THORNE ; HARRY D FOSTER ; FOSTER HARRY D SAN ANTONIO ; BECKER CHARLES D HELOTES ; CHARLES D BECKER

Agent(s): GRIFFITH HACK; CASSAN MACLEAN; OSTERTAG AND PARTNER PATENTANWALTE; BELCHER SIMON JAMES

Designated states: AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CY CZ DE DK EE ES FI FR GA GB GE GH GM GN GR GW HU ID IE IL IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT UA UG UZ VN YU ZW

5) Family number: 57313610 (US2014249584A)

© PatBase

Title: SEGMENTAL CORRECTION OF LUMBAR LORDOSIS

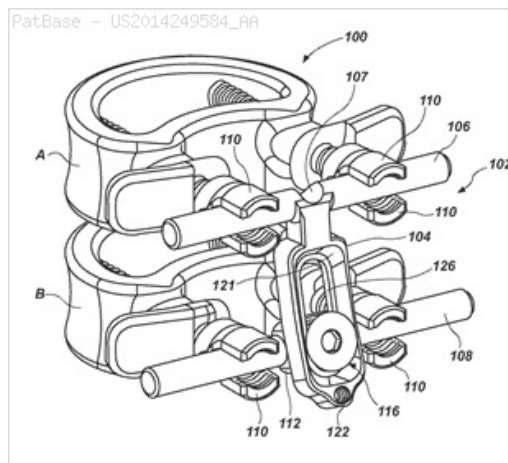
Abstract: A stabilizing apparatus for a spine comprising, a plurality of transverse rods, each of the transverse rods attached to a respective vertebra and a single link having an elongated through-hole, the single link enjoining a plurality of the transverse rods, wherein the single link enables longitudinal translation between enjoined transverse rods and substantially prevents lateral translation between enjoined transverse rods.

Classifications:

International (IPC 8-9): A61B17/70 (Advanced/Invention)

CPC: A61B17/7043

US: 606/246 606/279



Family:

Publication number	Publication date	Application number	Application date
US2014249584 AA	20140904	US20140150671	20140108

Priority:

US20120637650P 20120424 US20130869855 20130424 US20130045709 20131003
US20140150671 20140108

Probable Assignee: RETROSPINE PTY LTD

Assignee(s): (std): RETROSPINE PTY LTD

Inventor(s): (std): SEEX KEVIN

6) Family number: 70706687 (KR101886341B)

© PatBase

Title: SEGMENTED PLATE ASSEMBLY FOR REMEDY OF FRACTURE BONE

Family:

Publication number	Publication date	Application number	Application date
EP3110315 A2	20170104	EP20150755963	20150225
EP3110315 A4	20171108	EP20150755963	20150225
WO15128811 A2	20150903	WO20151B51396	20150225
WO15128811 A3	20151210	WO20151B51396	20150225

Priority:

US20140944479P 20140225 WO20151B51396 20150225

Probable Assignee: RETROSPINE PTY LTD**Assignee(s):** (std): RETROSPINE PTY LTD**Inventor(s):** (std): SEEX KEVIN**Agent(s):** WALKER ROSS THOMSON

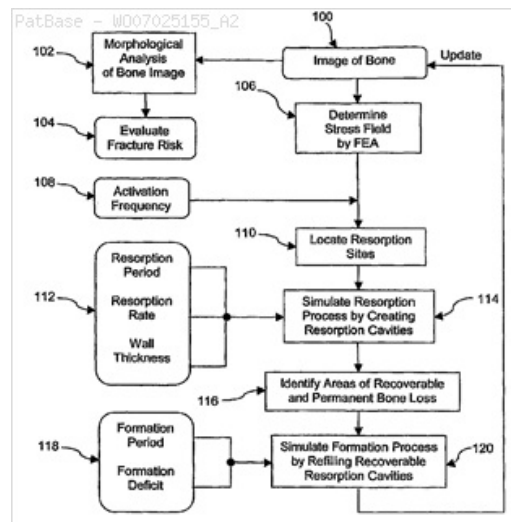
Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

8) Family number: 34255912 (WO07025155A2)

© PatBase

Title: SYSTEMS, PRODUCTS, AND METHODS FOR PREDICTING CHANGES AND FRACTURE IN TRABECULAR **BONE**

Abstract: Systems, products, and methods for predicting changes and fracture in trabecular **bone** are described herein. In some embodiments, systems, products, and methods for simulating **bone** loss that include reading a three-dimensional image of a trabecular **bone**, determining a number and location of **bone** resorption sites, and carrying out simulated **bone** resorption are described. In other embodiments, systems, products, and methods for determining risk of fracture in trabecular **bone** that include reading a three-dimensional image of a trabecular **bone**; removing voxels from trabeculae portion of the image to obtain a skeletonized structure of the trabecular **bone**, where the skeletonized structure of the trabecular **bone** is represented by voxels classified according to at least one topological classification; and adding reconstruction voxels to at least voxels of a first topological classification are described.

Classifications:**International (IPC 8-9):** A61B5/055 G06F19/00 (Advanced/Invention)**CPC:** G16H50/20 G06F19/321**European:** G06F19/32A G06F19/34K**Family:**

Publication number	Publication date	Application number	Application date
WO07025155 A2	20070301	WO2006US33264	20060824
WO07025155 A3	20071108	WO2006US33264	20060824

Priority:

US20050711059P 20050824 US20050749696P 20051212

Probable Assignee: UNIV COLUMBIA**Assignee(s):** (std): GUO XIANG DONG EDWARD ; LIU XIAOWEI SHERRY ; SAJDA PAUL ; UNIV COLUMBIA**Assignee(s):** THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF ; THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK ; TRUSTEES OF COLUMBIA UNIV IN CITY OF NEW YORK**Inventor(s):** (std): GUO XIANG DONG EDWARD ; LIU XIAOWEI SHERRY ; SAJDA PAUL

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

9) Family number: 23202950 (US5970631A)

© PatBase

Title: FOOTWEAR FOR GRINDING

Abstract: Articles of footwear incorporating one or more sliding elements are described. Such articles include shoes, sandals, boots, and appliances for attachment to any or all of the foregoing. In addition to serving the traditional functions of footwear lacking such sliding elements, such footwear can be used for recreational "grinding," or sliding across hard surfaces having edges, corners, etc.

Classifications:

International (IPC 8-9): A43B13/10 A43B13/12 A43B13/14 A43B13/16 A43B13/24 A43B23/22 A43B3/00 A43B5/00 A43C13/00

A43C13/12 (Advanced/Invention);
A43B13/14 A43B5/00 (Advanced/Non-invention);
A43B10/00 A43B13/14 A43B5/00 (Core/Non-invention)

International (IPC 1-7): A43B10/00 A43B13/02 A43B13/10 A43B13/12 A43B13/14 A43B13/16 A43B13/22 A43B13/24 A43B13/28 A43B13/34 A43B23/00 A43B23/22 A43B5/00 A43B5/04 A43B5/16 A43B5/18 A43C13/00 A43C13/02 A43C13/12

CPC: A43B1/0027 A43B3/00 A43B5/005 A43B13/10 A43B13/12 A43B13/24 A43B23/227 A43C13/00 A43B5/00

European: A43B1/00C A43B13/10 A43B13/12 A43B13/24 A43B23/22B A43B3/00 A43B5/00 A43B5/00G A43C13/00

US: 36/103 36/107 36/114 36/115 36/132 36/136 36/149 36/25R 36/54 36/72A 36/73 36/75R 361/320

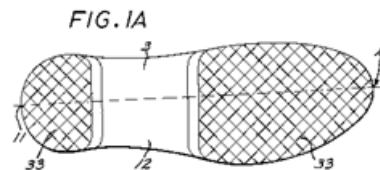
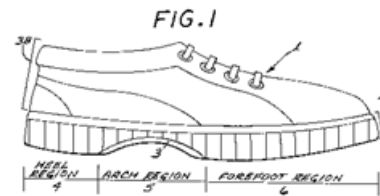
PatBase - US5970631_A

U.S. Patent

Oct. 26, 1999

Sheet 1 of 23

5,970,631



Family:

Publication number	Publication date	Application number	Application date
AT318528 E	20060315	AT19970933355T	19970709
AU199736560 A1	19980210	AU19970036560	19970709
CA2261881 AA	19990122	CA19972261881	19970709
CN1180735 C	20041222	CN19971097566	19970709
CN1228682 A	19990915	CN19971097566	19970709
DE69735365 D1	20060427	DE19976035365	19970709
EP0936884 A2	19990825	EP19970933355	19970709
EP0936884 A4	20000308	EP19970933355	19970709
EP0936884 B1	20060301	EP19970933355	19970709
JP2002501396 T2	20020115	JP19980506983T	19970709
KR20000067994 A	20001125	KR19997000529	19970709
TW371263 B	19991001	TW19970109772	19970711
US5970631 A	19991026	US19970799062	19970210
US6006451 A	19991228	US19970890595	19970709
US6041525 A	20000328	US19980132827	19980812
US6115946 A	20000912	US19990277583	19990326
US6151806 A	20001128	US19990364756	19990730
US6158150 A	20001212	US19990333612	19990615
US6195918 BA	20010306	US19990442019	19991117
US6195920 BA	20010306	US19990335306	19990617
US6357145 BA	20020319	US20000494138	20000128
WO9803092 A2	19980129	WO1997US11973	19970709
WO9803092 A3	19980319	WO1997US11973	19970709

Priority:

US19960022318 19960723	US19960022318P 19960723	US19970799062 19970210
US19970890595 19970709	WO1997US11973 19970709	US19980132827 19980812
US19990277583 19990326	US19990333612 19990615	US19990335306 19990617
US19990364756 19990730	US19990442019 19991117	US20000494138 20000128

Probable Assignee: HEELING SPORTS LTD

Assignee(s): (std): ARTEMIS INNOVATIONS INC

Assignee(s): ARTEMIS INNOVATIONS INC A CALIFORNIA CORP ; ARTEMIS INNOVATIONS INC TORRANCE ; ARTEMIS INNOVATIONS INCORPORATEDUS ; ARTEMIS LICENSING ; BANK OF AMERICA NA COLLATERAL AGENT AS ; CURTIS HOLDINGS LLC ; CURTIS HOLDINS LLC ; MORRIS CHRISTOPHER H ; IMP BANK ATTN KERRY J TURNER SENIOR VICE PRESIDENT ; IMP BANK ; HEELING SPORTS LTD ; PATHLIGHT CAPITAL LLC COLLATERAL AGENT AS ; INMAN DAVID G ; WILMINGTON TRUST NATIONAL ASSOCIATION ; SBG REVO HOLDINGS LLC

Inventor(s): (std): CHRISTOPHER H MORRIS ; DAVID G INMAN ; INMAN G ; KELLEY BENJAMIN B ; MORRIS H ; MORRIS CHRISTOPHER H ; JAMES BRENT ; INMAN DAVID G

Agent(s): SMART AND BIGGAR
Designated states: AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CZ DE DK EE ES FI FR GA GB GE GH GN GR HU IE IL IS IT JP KE KG KZ LC LI LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SN SZ TD TG TJ TM TR TT UA UG UZ VN ZW

10) Family number: 55706992 (AU2013273683B)

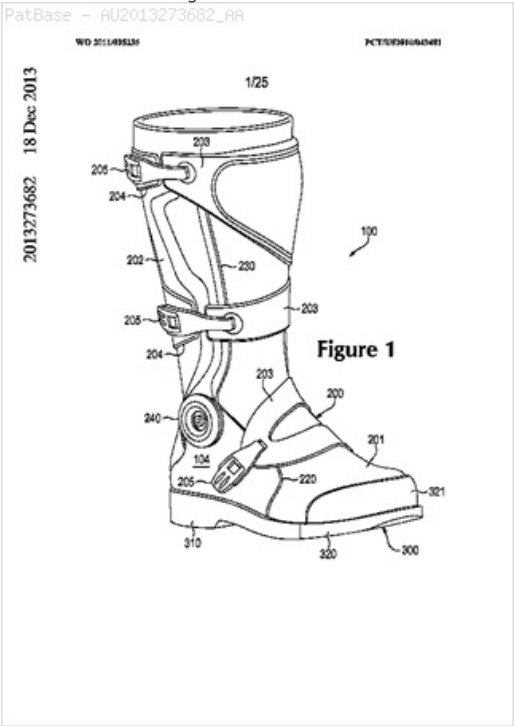
PatBase

Title: An article of footwear

Abstract: H:\segnterwvnrPoriBIOCC\SCGk660241.doc-13108/214 An article of footwear having an upper and a sole structure secured to the upper, the sole structure comprising: a first sole section extending from a heel region of the footwear to at least a midfoot region of the footwear, the first sole section forming at least a portion of a ground-engaging surface of the footwear, and the first sole section being formed from a material with a first hardness; and a second sole section located in at least a forefoot region of the footwear, the second sole section forming at least another portion of the ground- engaging surface of the footwear, the second sole section including a flange extending onto and joined to a lateral side and a medial side of the upper in at least the forefoot region, and the second sole section being formed from a material with a second hardness, the first hardness being less than the second hardness. WO 2011/035236 PCT/US201 0/049481 203 j 205 - -- 203 204 23 Figure 1 205 22032 320321

Classifications:

International (IPC 8-9): A43B13/16 A43B13/18 A43B5/14 A43B7/20 A43B7/32 (Advanced/Invention)



Family:

Publication number	Publication date	Application number	Application date
AU2013273682 AA	20140116	AU20130273682	20131218
AU2013273682 BB	20160630	AU20130273682	20131218
AU2013273683 AA	20140116	AU20130273683	20131218
AU2013273683 BB	20160630	AU20130273683	20131218

Priority:

US20090563751 20090921 US20090563751 20090921 AU20100295378 20100920
AU20130273682 20131218 AU20130273683 20131218

Probable Assignee: NIKE INC

Assignee(s): NIKE INC ; NIKE INNOVATE CV ; NIKE INT LTD

Inventor(s): FOXEN THOMAS ; HOPE ANTHONY ; JONES MIKE ; HURD JOHN

Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD