

US00D797292S

(12) **United States Design Patent** (10) **Patent No.:** **US D797,292 S**
Clausen et al. (45) **Date of Patent:** **** Sep. 12, 2017**

(54) **PROSTHETIC FOOT PLATE**

(71) Applicant: **Össur Iceland ehf**, Reykjavik (IS)

(72) Inventors: **Arinbjörn Viggo Clausen**, Reykjavik (IS); **Ragnar Orn Gunnarsson**, Reykjavik (IS); **Rowan Patrick Robinson Cain**, Kopavogur (IS)

(73) Assignee: **Össur hf**, Reykjavik (IS)

(**) Term: **15 Years**

(21) Appl. No.: **29/547,140**

(22) Filed: **Dec. 1, 2015**

Related U.S. Application Data

(63) Continuation of application No. 14/755,464, filed on Jun. 30, 2015.

(51) **LOC (10) Cl.** **24-02**

(52) **U.S. Cl.**
USPC **D24/155**

(58) **Field of Classification Search**

USPC D24/155
CPC A61F 2/80; A61F 2/60; A61F 2/76; A61F 2/68; A61F 2/64; A61F 2220/0025; A61F 2220/41; A61F 2002/607; A61F 2002/802; A61F 2002/5007

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

25,238 A	8/1859	Bly
53,931 A	4/1866	Weston et al.
56,983 A	8/1866	Nicholas
57,666 A	9/1866	Bly
368,580 A	8/1887	Frees
487,697 A	12/1892	Ehle
534,198 A	2/1895	Chapman

619,731 A 2/1899 Doerflinger et al.

808,296 A 12/1905 Merrick

809,876 A 1/1906 Wilkins

(Continued)

FOREIGN PATENT DOCUMENTS

WO WO 00-27317 5/2000

WO WO 2004-032809 4/2004

OTHER PUBLICATIONS

Apr. 25, 2011 International Search Report and Written Opinion for International Application No. PCT/US11/26124 filed Feb. 24, 2011.

(Continued)

Primary Examiner — Charles Hanson

(74) *Attorney, Agent, or Firm* — Knobbe, Martens, Olson & Bear, LLP

(57) **CLAIM**

I claim the ornamental design for a prosthetic foot plate, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a prosthetic foot plate showing our new design;

FIG. 2 is a top view of the prosthetic foot plate of FIG. 1;

FIG. 3 is a bottom view of the prosthetic foot plate of FIG. 1;

FIG. 4 is a right side view of the prosthetic foot plate of FIG. 1;

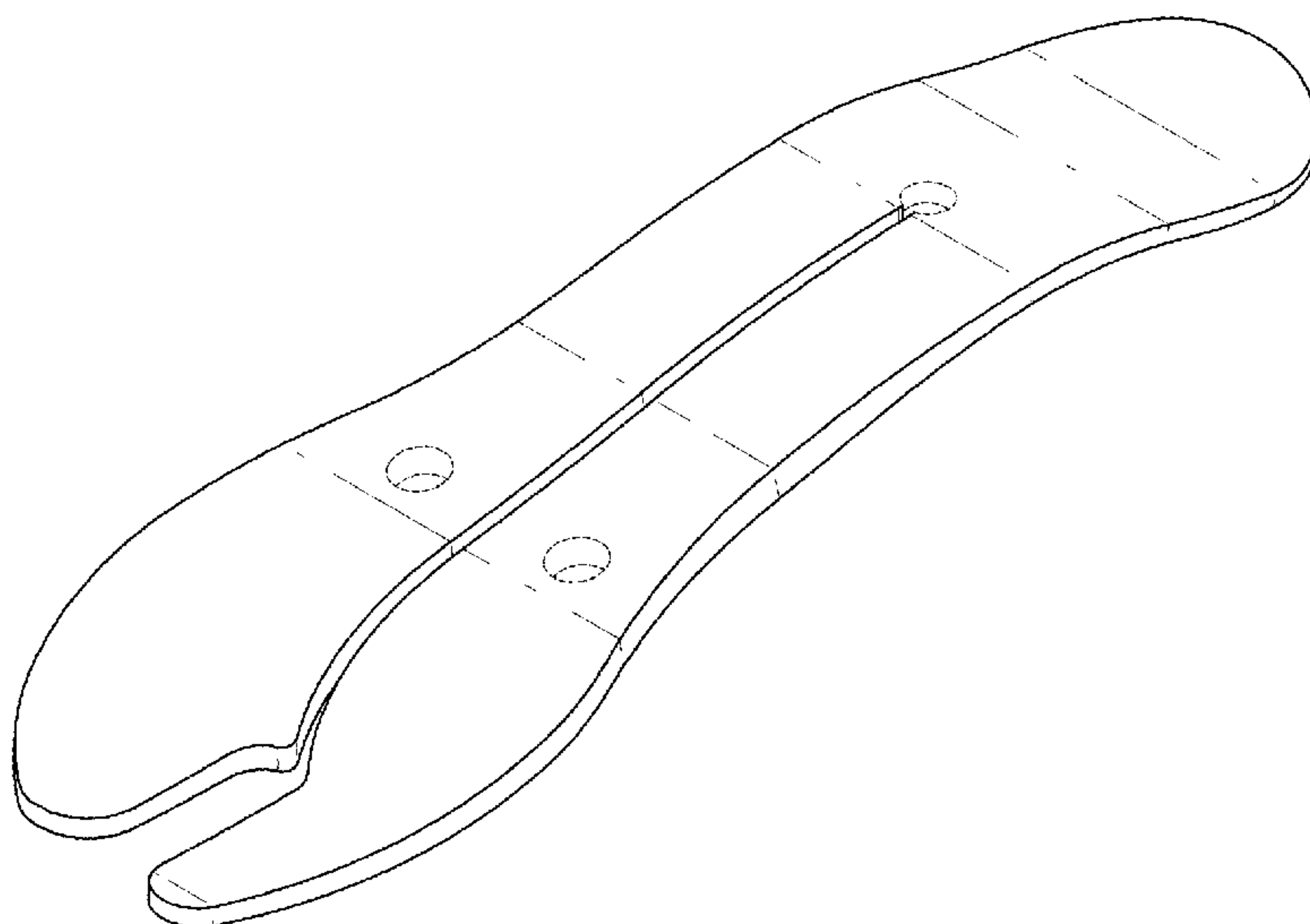
FIG. 5 is a left side view of the prosthetic foot plate of FIG. 1;

FIG. 6 is a front view of the prosthetic foot plate of FIG. 1; and,

FIG. 7 is a rear view of the prosthetic foot plate of FIG. 1.

The broken lines, where shown, represent unclaimed subject matter and form no part of the claimed design.

1 Claim, 5 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

817,340 A	4/1906	Rosenkranz	5,885,229 A	3/1999	Yamato et al.
2,183,076 A	12/1939	Kaiser	5,897,594 A	4/1999	Martin et al.
2,197,093 A	4/1940	Campbell	5,899,944 A	5/1999	Phillips
2,315,795 A	4/1943	Johnson et al.	5,941,913 A	8/1999	Woolnough et al.
2,357,893 A	9/1944	Harrington	5,944,760 A	8/1999	Christensen
2,440,075 A	4/1948	Campbell	5,957,870 A	9/1999	Yamato et al.
2,594,945 A	4/1952	Lucas et al.	5,957,981 A	9/1999	Gramnas
2,692,392 A	10/1954	Bennington et al.	5,976,191 A	11/1999	Phillips
2,731,645 A	1/1956	Woodall	5,993,488 A	11/1999	Phillips
3,551,914 A	1/1971	Woodall	6,063,046 A	5/2000	Allum
3,784,988 A	1/1974	Trumpler	6,071,313 A	6/2000	Phillips
3,874,004 A	4/1975	May	6,077,301 A	6/2000	Pusch
3,894,437 A	7/1975	Hagy et al.	6,099,572 A	8/2000	Mosler et al.
4,007,497 A	2/1977	Haupt	6,120,547 A	9/2000	Christensen
4,267,728 A	5/1981	Manley et al.	6,129,766 A	10/2000	Johnson et al.
4,360,931 A	11/1982	Hampton	6,165,227 A	12/2000	Phillips
4,387,472 A	6/1983	Wilson	6,187,052 B1	2/2001	Molino et al.
4,416,293 A	11/1983	Anderson et al.	6,197,067 B1	3/2001	Shorter et al.
4,547,913 A	10/1985	Phillips	6,197,068 B1	3/2001	Christensen
4,631,676 A	12/1986	Pugh	6,205,230 B1	3/2001	Sundman et al.
4,718,913 A	1/1988	Voisin	6,206,934 B1	3/2001	Phillips
4,813,436 A	3/1989	Au	6,216,545 B1	4/2001	Taylor
4,814,661 A	3/1989	Ratzlaff et al.	6,231,527 B1	5/2001	Sol
4,822,363 A	4/1989	Phillips	6,241,776 B1	6/2001	Christensen
4,858,621 A	8/1989	Franks	6,261,324 B1	7/2001	Merlette
4,892,553 A	1/1990	Prahl	6,280,479 B1	8/2001	Phillips
4,892,554 A	1/1990	Robinson	6,289,107 B1	9/2001	Borchers et al.
4,959,073 A	9/1990	Merlette	6,290,730 B1	9/2001	Pitkin et al.
5,019,109 A	5/1991	Voisin	6,331,893 B1	12/2001	Brown et al.
5,037,444 A	8/1991	Phillips	6,350,286 B1	2/2002	Atkinson et al.
5,062,859 A	11/1991	Naeder	6,387,134 B1	5/2002	Parker et al.
5,112,356 A	5/1992	Harris et al.	6,398,818 B1	6/2002	Merlette et al.
5,116,384 A	5/1992	Wilson et al.	6,402,790 B1	6/2002	Celebi
5,128,880 A	7/1992	White	6,406,500 B1	6/2002	Phillips
5,139,525 A	8/1992	Kristinsson	6,443,993 B1	9/2002	Koniuk
5,156,631 A	10/1992	Merlette	6,443,995 B1	9/2002	Townsend et al.
5,156,632 A	10/1992	Wellershaus	6,514,293 B1	2/2003	Jang et al.
5,181,932 A	1/1993	Phillips	6,527,811 B1	3/2003	Phillips
5,181,933 A	1/1993	Phillips	6,546,356 B1	4/2003	Genest
5,219,365 A	6/1993	Sabolich	6,596,029 B1	7/2003	Gramnas
5,237,520 A	8/1993	White	6,602,295 B1	8/2003	Doddroe et al.
5,253,656 A	10/1993	Rincoe et al.	6,663,672 B1	12/2003	Laghi
5,258,038 A	11/1993	Robinson et al.	6,663,673 B2	12/2003	Christensen
5,258,039 A	11/1993	Goh et al.	6,676,708 B1	1/2004	Laghi
5,290,319 A	3/1994	Phillips	6,699,295 B2	3/2004	Lee et al.
5,361,133 A	11/1994	Brown et al.	6,702,859 B1	3/2004	Laghi
5,376,133 A	12/1994	Gramnas	6,702,860 B1	3/2004	Laghi
5,376,141 A	12/1994	Phillips	6,706,075 B1	3/2004	Laghi
5,387,246 A	2/1995	Phillips	6,712,860 B2	3/2004	Rubie et al.
5,388,591 A	2/1995	De Luca et al.	6,718,656 B2	4/2004	Houser et al.
5,408,873 A	4/1995	Schmidt et al.	6,719,807 B2	4/2004	Harris
5,425,781 A	6/1995	Allard et al.	6,743,260 B2	6/2004	Townsend et al.
5,443,522 A	8/1995	Hiemisch	6,764,521 B2	7/2004	Molino et al.
5,443,527 A	8/1995	Wilson	6,764,522 B1	7/2004	Cehn
5,443,529 A	8/1995	Phillips	6,767,370 B1	7/2004	Mosler et al.
5,471,405 A	11/1995	Marsh	6,793,683 B1	9/2004	Laghi
5,474,087 A	12/1995	Nashner	6,797,009 B1	9/2004	Laghi
5,509,938 A	4/1996	Phillips	6,805,717 B2	10/2004	Christensen
5,514,185 A	5/1996	Phillips	6,807,869 B2	10/2004	Farrington et al.
5,514,186 A	5/1996	Phillips	6,827,744 B1	12/2004	Laghi
5,545,230 A	8/1996	Kinsinger et al.	6,855,170 B2	2/2005	Gramnas
5,545,234 A	8/1996	Collier, Jr.	6,869,451 B1	3/2005	Laghi
5,549,711 A	8/1996	Bryant	6,875,240 B1	4/2005	Laghi
5,623,944 A	4/1997	Nashner	6,875,241 B2	4/2005	Christensen
5,653,767 A	8/1997	Allen et al.	6,875,242 B2	4/2005	Christensen
5,695,526 A	12/1997	Wilson	6,899,737 B1	5/2005	Phillips
5,695,527 A	12/1997	Allen	6,929,665 B2	8/2005	Christensen
5,701,686 A	12/1997	Berr et al.	6,936,074 B2	8/2005	Townsend et al.
5,728,177 A	3/1998	Phillips	6,942,704 B2	9/2005	Sulprizio
5,753,931 A	5/1998	Borchers et al.	6,966,933 B2	11/2005	Christensen
5,766,264 A	6/1998	Lundt	6,969,408 B2 *	11/2005	Lecomte A61F 2/66 623/55
5,790,256 A	8/1998	Brown et al.	7,052,519 B1	5/2006	Gramnas
5,800,569 A	9/1998	Phillips	7,063,727 B2	6/2006	Phillips et al.
5,800,570 A	9/1998	Collier	7,108,723 B2	9/2006	Townsend et al.
5,824,112 A	10/1998	Phillips	7,112,227 B2	9/2006	Doddroe et al.
			7,169,190 B2	1/2007	Phillips et al.
			7,172,630 B2	2/2007	Christensen
			7,211,115 B2	5/2007	Townsend et al.

(56)

References Cited**U.S. PATENT DOCUMENTS**

7,219,449 B1 5/2007 Hoffberg et al.
 7,279,011 B2 10/2007 Phillips
 7,318,504 B2 1/2008 Vitale et al.
 7,337,680 B2 3/2008 Kantro
 7,341,603 B2 3/2008 Christensen
 7,347,877 B2 3/2008 Clausen et al.
 7,354,456 B2 4/2008 Phillips
 7,371,262 B2 5/2008 Lecomte et al.
 7,374,578 B2 5/2008 Townsend et al.
 7,410,503 B2 8/2008 Townsend et al.
 7,419,509 B2 9/2008 Christensen
 7,429,272 B2 9/2008 Townsend et al.
 D579,115 S * 10/2008 Rubie D15/139
 7,431,737 B2 10/2008 Ragnarsdottir et al.
 7,462,201 B2 12/2008 Christensen
 7,507,259 B2 3/2009 Townsend et al.
 7,520,904 B2 4/2009 Christensen
 7,531,006 B2 * 5/2009 Clausen A61F 2/66
 623/24
 7,572,299 B2 8/2009 Christensen
 7,578,852 B2 8/2009 Townsend et al.
 7,581,454 B2 9/2009 Clausen et al.
 7,611,543 B2 * 11/2009 Townsend A61F 2/60
 623/38
 7,617,068 B2 11/2009 Tadin et al.
 7,618,464 B2 * 11/2009 Christensen A61F 2/66
 623/55
 7,637,659 B2 12/2009 Liu et al.
 7,637,957 B2 12/2009 Ragnarsdottir et al.
 7,648,533 B2 1/2010 Phillips et al.
 7,686,848 B2 3/2010 Christensen
 7,708,784 B2 5/2010 Townsend et al.
 7,727,285 B2 6/2010 Christensen et al.
 7,771,488 B2 8/2010 Asgeirsson et al.
 7,815,689 B2 * 10/2010 Bedard A61F 2/66
 623/24
 7,824,446 B2 11/2010 Christensen et al.
 7,833,287 B2 11/2010 Doddroe et al.
 7,846,213 B2 12/2010 Lecomte et al.
 7,862,621 B2 1/2011 Kloos et al.
 7,862,622 B2 1/2011 Dunlap et al.
 7,867,285 B2 1/2011 Clausen et al.
 D632,392 S * 2/2011 Jacobs D24/155
 7,879,110 B2 2/2011 Phillips
 7,891,258 B2 2/2011 Clausen et al.
 D633,618 S * 3/2011 Johnson D24/155
 7,926,363 B2 4/2011 Miller et al.
 7,951,101 B2 5/2011 Pusch
 7,955,399 B2 6/2011 Townsend et al.
 7,998,221 B2 8/2011 Lecomte et al.
 8,007,544 B2 8/2011 Jonsson et al.
 8,025,699 B2 9/2011 Lecomte et al.
 8,034,121 B2 10/2011 Christensen
 8,070,829 B2 12/2011 Townsend et al.
 8,075,501 B2 12/2011 Miller et al.
 D653,759 S * 2/2012 Smith D24/155
 D655,009 S * 2/2012 L'Heureux D24/155
 8,109,014 B2 2/2012 Miller et al.
 8,117,922 B2 2/2012 Xia et al.
 8,128,709 B2 3/2012 Thorhallsdottir et al.
 8,261,611 B2 9/2012 Kim et al.
 8,290,739 B2 10/2012 Tadin et al.
 8,486,156 B2 7/2013 Jonsson
 D689,505 S 9/2013 Convay et al.
 8,544,347 B1 10/2013 Berme
 8,771,372 B1 7/2014 Rubie et al.
 9,017,421 B2 4/2015 Lecomte et al.
 D731,062 S * 6/2015 Meyer D24/155
 9,132,022 B2 9/2015 Lecomte et al.
 2002/0040249 A1 4/2002 Phillips
 2002/0077706 A1 6/2002 Phillips
 2002/0082713 A1 6/2002 Townsend et al.
 2002/0087216 A1 7/2002 Atkinson et al.
 2002/0116072 A1 8/2002 Rubie et al.
 2002/0128727 A1 9/2002 Merlette et al.

2002/0138923 A1 10/2002 Shaffeeullah
 2002/0143408 A1 10/2002 Townsend et al.
 2002/0183860 A1 12/2002 Wilkinson et al.
 2003/0045944 A1 3/2003 Mosler et al.
 2003/0093158 A1 5/2003 Phillips et al.
 2003/0120353 A1 6/2003 Christensen
 2003/0144745 A1 7/2003 Phillips
 2003/0191540 A1 10/2003 Townsend et al.
 2004/0064195 A1 4/2004 Herr
 2004/0068327 A1 4/2004 Christensen
 2004/0112138 A1 6/2004 Knirck et al.
 2004/0122529 A1 6/2004 Townsend et al.
 2004/0181289 A1 9/2004 Bedard et al.
 2004/0225376 A1 11/2004 Townsend et al.
 2005/0033451 A1 2/2005 Aigner et al.
 2005/0038524 A1 2/2005 Jonsson et al.
 2005/0038525 A1 2/2005 Doddroe et al.
 2005/0060045 A1 3/2005 Smith et al.
 2005/0071018 A1 3/2005 Phillips
 2005/0097970 A1 5/2005 Nurse
 2005/0107889 A1 5/2005 Bedard et al.
 2005/0137717 A1 6/2005 Gramnäs et al.
 2005/0171618 A1 8/2005 Christensen
 2005/0203640 A1 9/2005 Christensen
 2005/0216097 A1 9/2005 Rifkin
 2005/0267603 A1 12/2005 Lecomte et al.
 2006/0030950 A1 2/2006 Townsend et al.
 2006/0069450 A1 3/2006 McCarvill et al.
 2006/0167563 A1 7/2006 Johnson et al.
 2006/0173555 A1 8/2006 Harn et al.
 2006/0212131 A1 9/2006 Curtis
 2006/0247794 A1 11/2006 Doddroe et al.
 2007/0027557 A1 2/2007 Jonsson et al.
 2007/0039205 A1 2/2007 Peveto et al.
 2007/0100465 A1 5/2007 Egan
 2007/0106395 A9 5/2007 Clausen et al.
 2007/0213840 A1 9/2007 Townsend et al.
 2007/0219643 A1 9/2007 Townsend
 2007/0250178 A1 10/2007 Wilson
 2008/0046096 A1 2/2008 Bedard et al.
 2008/0188950 A1 8/2008 Fleury et al.
 2008/0188951 A1 8/2008 Christensen et al.
 2008/0228288 A1 9/2008 Nelson et al.
 2008/0281436 A1 11/2008 Townsend et al.
 2008/0312752 A1 12/2008 Miller
 2009/0012630 A1 1/2009 Mosler et al.
 2009/0076626 A1 3/2009 Ochoa
 2009/0105845 A1 4/2009 Curtis
 2009/0157197 A1 6/2009 Bonacini
 2009/0204231 A1 8/2009 Bonacini
 2009/0222105 A1 9/2009 Clausen
 2009/0234463 A1 9/2009 Wilson
 2009/0293641 A1 12/2009 Clausen et al.
 2010/0004757 A1 1/2010 Clausen et al.
 2010/0023135 A1 1/2010 Rubie et al.
 2010/0042228 A1 2/2010 Doddroe et al.
 2010/0312360 A1 12/2010 Caspers
 2010/0324699 A1 12/2010 Herr et al.
 2011/0093089 A1 4/2011 Martin
 2011/0146396 A1 6/2011 Kim et al.
 2011/0213471 A1 9/2011 Jonsson
 2011/0230976 A1 9/2011 Zarling et al.
 2011/0251520 A1 10/2011 Shieh et al.
 2011/0288448 A1 11/2011 Sanders et al.
 2012/0023776 A1 2/2012 Skaja et al.
 2012/0035509 A1 2/2012 Wilson et al.
 2012/0151794 A1 6/2012 Hansen et al.
 2012/0166091 A1 6/2012 Kim et al.
 2012/0266648 A1 10/2012 Berme et al.
 2012/0271434 A1 10/2012 Friesen et al.
 2013/0018282 A1 1/2013 Mainini et al.
 2013/0060349 A1 3/2013 Thorsteinsson et al.
 2015/0374514 A1 12/2015 Clausen et al.
 2016/0067059 A1 3/2016 Lecomte et al.

OTHER PUBLICATIONS

College Park Truper product, <http://www.college-park.com/prosthetics/truper>, believed to have been available more than one year before Jun. 30, 2014.

(56)

References Cited

OTHER PUBLICATIONS

College Park Velocity™ brochure, <http://www.college-park.com/images/pdf/cpi-product-velocity.pdf>, believed to have been released in 2011.

Brochure for College Park Venture Prosthetic Foot; <http://www.college/park.com/assets/pdf/VentureInfoSheets.pdf>, © 2003, and www.college/park.com/CPStore/ProductInfoVenture.asp; available before Aug. 15, 2003.

Feb. 7, 2013 International Search Report and Written Opinion for International Application No. PCT/US2012/066888 filed on Nov. 28, 2012.

Freedom Innovations Runway product, <http://www.freedom-innovations.com/runway-2/>, believed to have been available more than one year before Jun. 30, 2014.

International Search Report dated Apr. 28, 2006 for PCT/US2005/017884 filed May 20, 2006.

Ohio Willow Wood Trailblazer™ product, <http://www.willow-woodco.com/products-and-services/feet/high-activity/trailblazer>, believed to have been released in 2006.

Ossur Axia product, Ossur Prosthetics Catalog, pp. 153-156, 2005.

Ossur Elation product; <http://www.ossur.com/template1.asp?pageid=263> and product catalog pp. 193/196; available before Aug. 15, 2003.

Otto Bock Aqua-foot product; http://professionals.ottobockus.com/cps/rde/xchg/ob.us_en/hs.xsl/41337.html, believed to have been available more than one year before Jun. 30, 2014.

Otto Bock Triton foot, http://professionals.ottobockus.com/cps/rde/xchg/ob_us_en/hs.xsl/38130.html?id=38132#t38132, believed to have been available more than one year before Jun. 30, 2014.

Otto Bock Triton products, http://www.ottobock.com/cps/rde/xchg/ob_com_en/hs.xsl/38134.html, believed to have been released Jun. 2011.

Otto Bock, Axtion product; http://www.ottobockus.com/products/lower_limb_prosthetics/axtion.asp; believed to have been released May 2004.

Trulife Seattle Kinetic product, <http://trulife.com/all-products/prosthetics/feet/seattle-kinetic>, believed to have been available more than one year before Jun. 30, 2014.

Dec. 8, 2015 International Search Report and Written Opinion for International Application No. PCT/US2015/38641 Filed on Jun. 30, 2015.

* cited by examiner

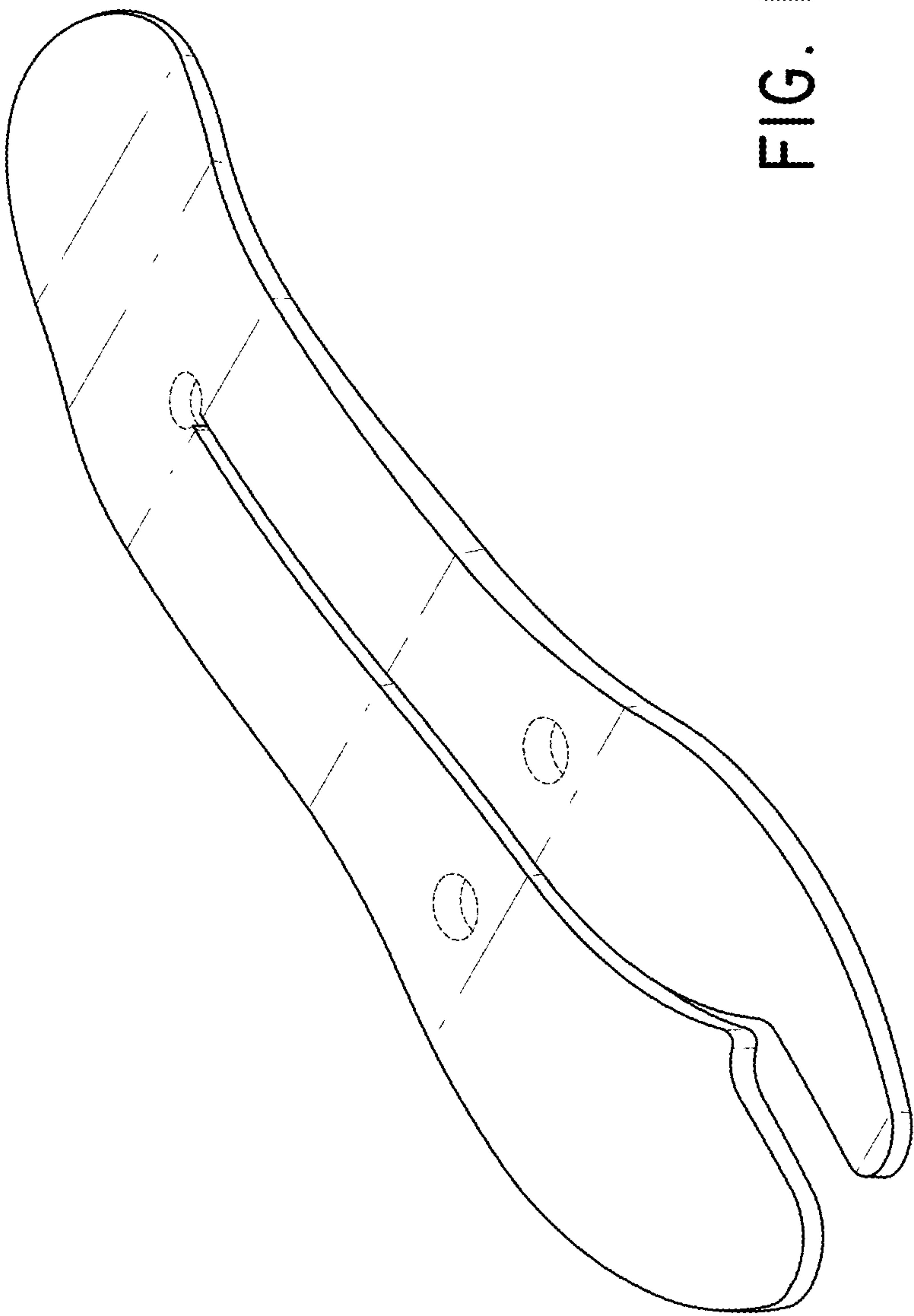


FIG. 1

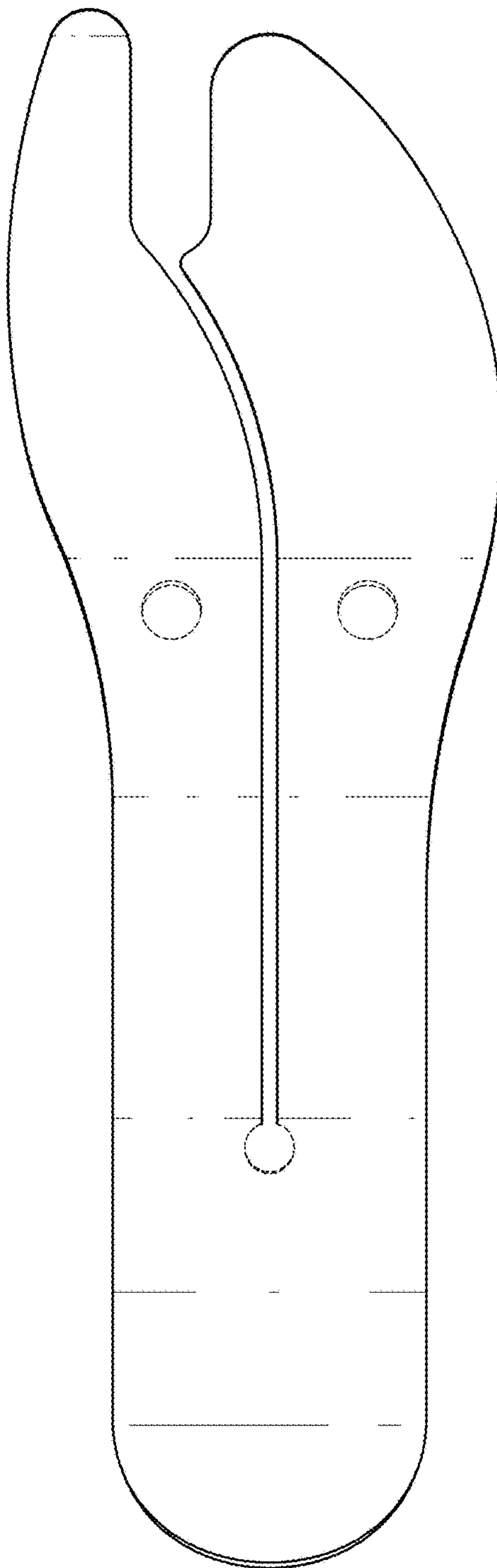


FIG. 2

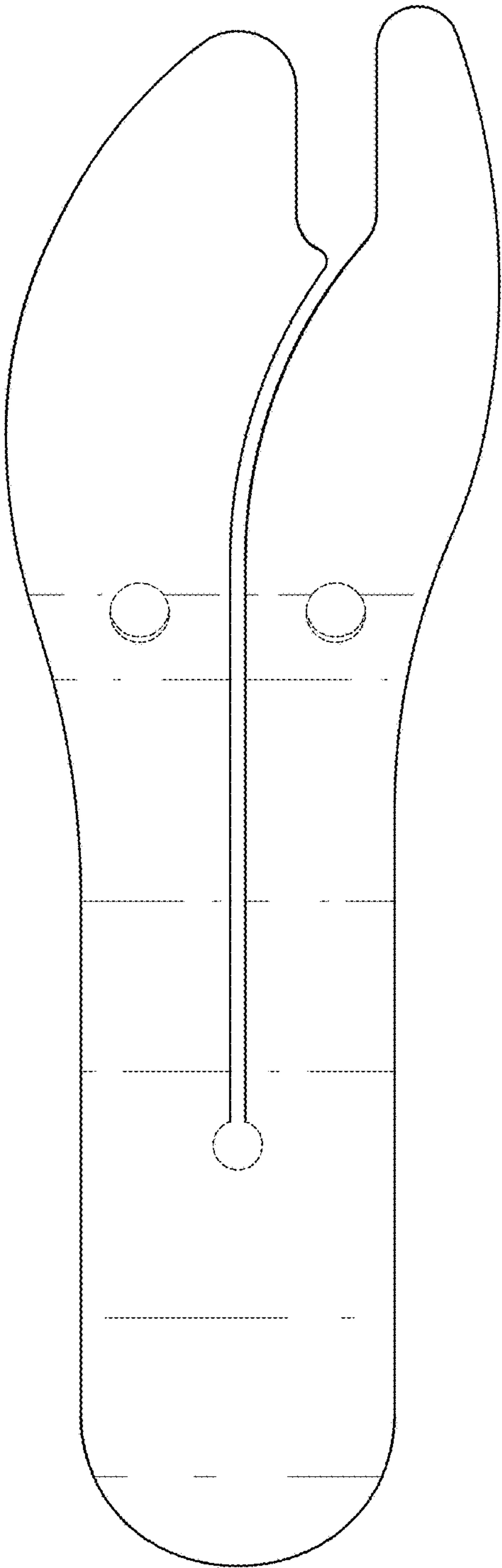


FIG. 3

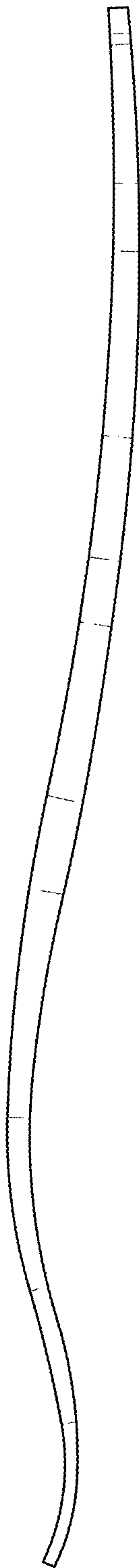


FIG. 4

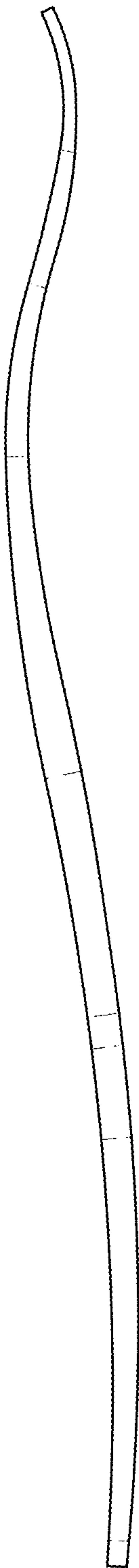


FIG. 5

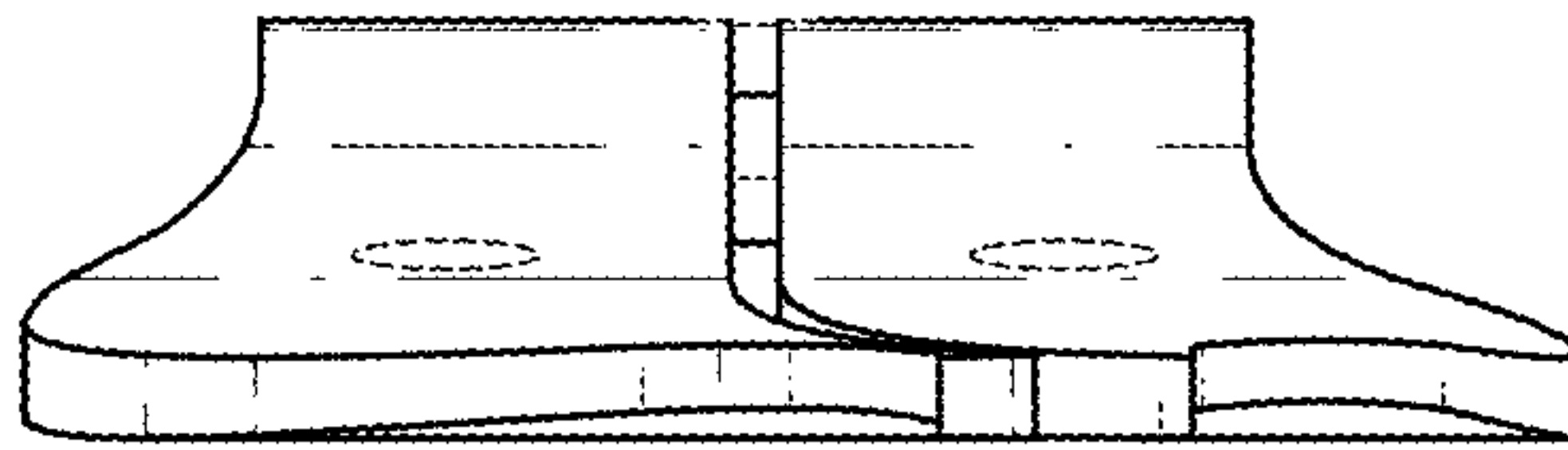


FIG. 6



FIG. 7

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : D797,292 S
APPLICATION NO. : 29/547140
DATED : September 12, 2017
INVENTOR(S) : Arinbjörn Viggo Clausen

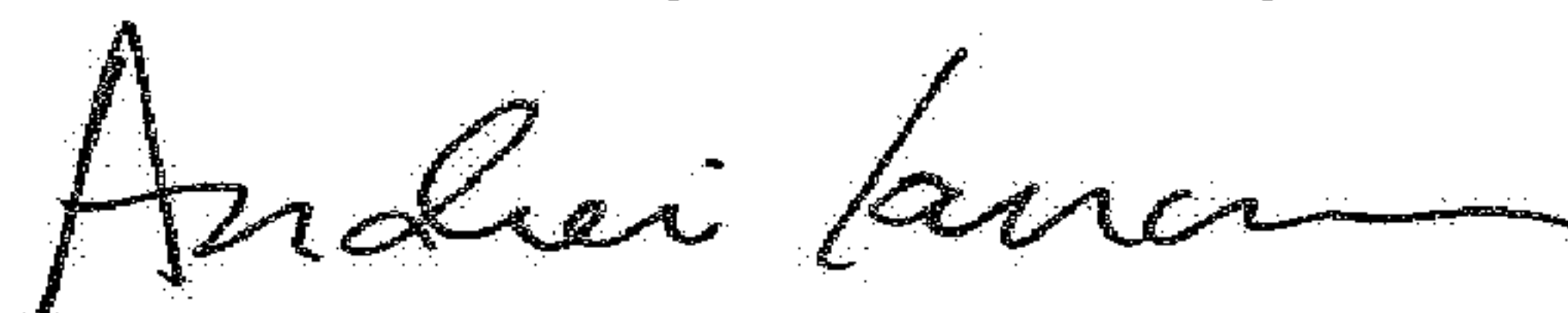
Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the Title Page

Column 2 page 4, item (56) Line 6, change “xchg/ob,us_en/hs.xsl/” to --xchg/ob_us_en/hs.xsl/--.

Signed and Sealed this
Twentieth Day of February, 2018



Andrei Iancu
Director of the United States Patent and Trademark Office