



US00D634852S

(12) **United States Design Patent**
Hu

(10) **Patent No.:** **US D634,852 S**

(45) **Date of Patent:** **** Mar. 22, 2011**

(54) **SOLE FOR ORTHOPEDIC DEVICE**

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(73) Assignee: **Ossur HF**, Reykjavik (IS)

(**) Term: **14 Years**

(21) Appl. No.: **29/343,927**

(22) Filed: **Sep. 22, 2009**

(51) **LOC (9) Cl.** **24-01**

(52) **U.S. Cl.** **D24/192**

(58) **Field of Classification Search** D24/190-192;
602/5-7, 11-13, 16, 22, 23, 27; 128/882;
D2/946-947, 954, 957, 960; 36/71, 88-89,
36/110, 117.5, 117.8, 118.5, 145

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

2,888,016	A *	5/1959	De Lamater	604/293
3,685,176	A	8/1972	Rudy	
3,760,056	A	9/1973	Rudy	
3,786,805	A	1/1974	Tourin	
3,814,088	A	6/1974	Raymond	
3,834,377	A *	9/1974	Lebold	602/27
3,922,800	A	12/1975	Miller et al.	
3,955,565	A	5/1976	Johnson, Jr.	
4,045,888	A	9/1977	Oxenberg	
4,057,056	A	11/1977	Payton	
4,142,307	A	3/1979	Martin	
4,184,273	A	1/1980	Boyer et al.	
4,217,706	A	8/1980	Vartanian	
4,217,893	A	8/1980	Payton	
4,232,459	A	11/1980	Vaccari	
4,414,965	A	11/1983	Mauldin et al.	
4,446,856	A	5/1984	Jordan	
4,494,536	A	1/1985	Latenser	
4,505,269	A	3/1985	Davies et al.	
4,550,721	A	11/1985	Michel	
4,565,017	A	1/1986	Ottieri	
4,572,169	A	2/1986	Mauldin et al.	

4,587,962	A	5/1986	Greene et al.	
4,669,202	A	6/1987	Ottieri	
4,771,768	A *	9/1988	Crispin	602/16
D299,787	S *	2/1989	Bates	D2/960
4,805,601	A	2/1989	Eischen, Sr.	
4,947,838	A	8/1990	Giannetti	

(Continued)

FOREIGN PATENT DOCUMENTS

EP 0 095 396 11/1983

(Continued)

OTHER PUBLICATIONS

Nextep™ Contour Walker, product information sheet from Internet search results, www.djortho.com, Jan. 1, 2008, 1 page.

(Continued)

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(57) **CLAIM**

The ornamental design for a sole for an orthopedic device, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a sole for an orthopedic device showing my new design.

FIG. 2 is a front elevational view according to the sole of FIG. 1.

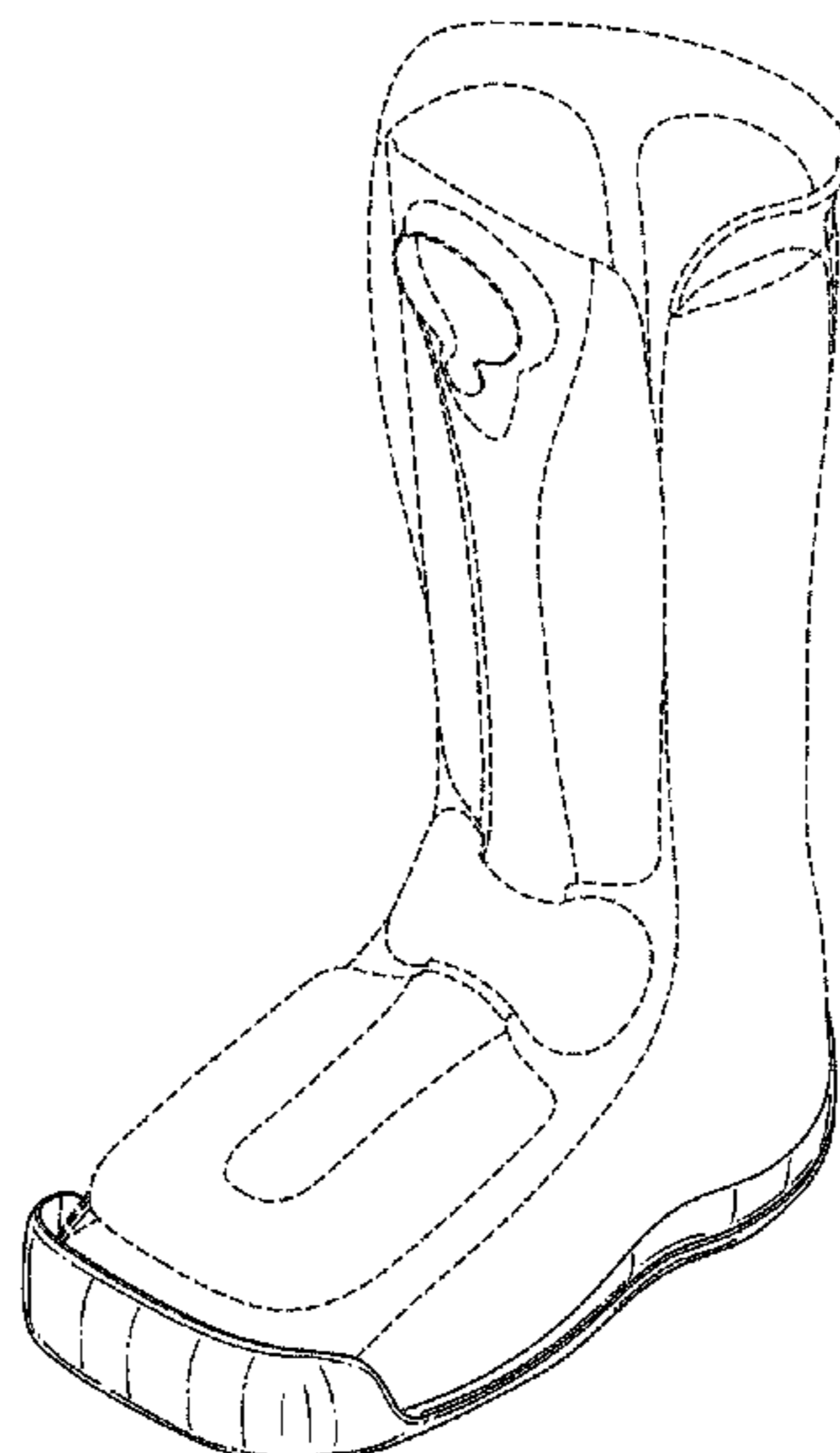
FIG. 3 is a first side elevational view according to the sole of FIG. 1.

FIG. 4 is a rear elevational view according to the sole of FIG. 1; and,

FIG. 5 is a second side elevational view according to the sole of FIG. 1.

The broken lines illustrate environmental structure of a sole for an orthopedic device and form no part of the claimed design.

1 Claim, 5 Drawing Sheets



US D634,852 S

U.S. PATENT DOCUMENTS

5,078,128	A	1/1992	Grim et al.	
5,125,400	A	6/1992	Johnson, Jr.	
D329,527	S *	9/1992	Cohen	D24/192
5,143,058	A	9/1992	Luber et al.	
5,176,623	A	1/1993	Stetman et al.	
5,183,036	A	2/1993	Spademan	
5,197,942	A	3/1993	Brady	
D337,876	S *	8/1993	Kilbey	D24/192
5,242,379	A	9/1993	Harris et al.	
5,277,695	A	1/1994	Johnson, Jr. et al.	
D344,589	S	2/1994	Kilbey	
5,288,286	A	2/1994	Davis et al.	
5,329,705	A	7/1994	Grim et al.	
D352,784	S *	11/1994	Cohen et al.	D24/192
5,368,551	A	11/1994	Zuckerman	
5,370,133	A	12/1994	Darby et al.	
5,378,223	A	1/1995	Grim et al.	
5,399,152	A	3/1995	Habermeyer et al.	
5,425,701	A	6/1995	Oster et al.	
5,429,588	A	7/1995	Young et al.	
5,435,009	A	7/1995	Schild et al.	
D363,780	S *	10/1995	Darby et al.	D24/192
5,464,385	A	11/1995	Grim	
5,496,263	A	3/1996	Fuller, II et al.	
5,577,998	A	11/1996	Johnson, Jr. et al.	
D376,429	S *	12/1996	Antar	D24/192
D384,746	S *	10/1997	Varn	D24/192
D390,345	S *	2/1998	Aird et al.	D2/947
5,717,996	A	2/1998	Feldmann	
5,761,834	A	6/1998	Grim et al.	
5,778,563	A	7/1998	Ahlbaumer	
D398,439	S *	9/1998	McDonald	D2/947
5,827,210	A	10/1998	Antar et al.	
5,827,211	A	10/1998	Sellinger	
5,833,639	A	11/1998	Nunes et al.	
5,853,380	A	12/1998	Miller	
5,857,987	A	1/1999	Habermeyer	
5,868,690	A	2/1999	Eischen, Sr.	
5,961,477	A	10/1999	Turtzo	
5,993,404	A	11/1999	McNiel	
6,000,148	A *	12/1999	Cretinon	36/88
6,021,780	A	2/2000	Darby	
6,027,468	A	2/2000	Pick	
6,228,044	B1	5/2001	Jensen et al.	
6,267,742	B1	7/2001	Krivosha et al.	
6,334,854	B1	1/2002	Davis	
6,361,514	B1	3/2002	Brown et al.	
6,377,178	B1	4/2002	DeToro et al.	
6,409,691	B1	6/2002	Dakin et al.	

6,432,073	B2	8/2002	Pior et al.	
D473,654	S *	4/2003	Iglesias et al.	D24/192
D476,799	S *	7/2003	Fuerst	D2/957
6,589,194	B1	7/2003	Calderon et al.	
6,682,497	B2	1/2004	Jensen et al.	
6,755,798	B2	6/2004	McCarthy et al.	
D500,855	S	1/2005	Pick et al.	
6,866,043	B1	3/2005	Davis	
6,945,944	B2	9/2005	Kuiper et al.	
6,976,972	B2	12/2005	Bradshaw	
6,991,613	B2	1/2006	Sensabaugh	
7,010,823	B2	3/2006	Baek	
7,303,538	B2	12/2007	Grim et al.	
7,384,584	B2	6/2008	Jerome et al.	
2002/0095105	A1	7/2002	Jensen	
2002/0128574	A1	9/2002	Darby	
2004/0010212	A1	1/2004	Kuiper et al.	
2004/0019307	A1	1/2004	Grim et al.	
2005/0131324	A1	6/2005	Bledsoe	
2005/0145256	A1	7/2005	Howard et al.	
2005/0171461	A1	8/2005	Pick	
2005/0172517	A1	8/2005	Bledsoe et al.	
2005/0274046	A1	12/2005	Schwartz	
2006/0135899	A1	6/2006	Jerome et al.	
2006/0189907	A1	8/2006	Pick et al.	
2006/0217649	A1	9/2006	Rabe	
2006/0229541	A1	10/2006	Hassler et al.	
2007/0191749	A1	8/2007	Barberio	
2007/0282230	A1	12/2007	Valderrabano et al.	
2007/0293798	A1	12/2007	Hu et al.	

FOREIGN PATENT DOCUMENTS

WO 09324081 12/1993

OTHER PUBLICATIONS

Nextep Contour w/Air Walker, product information sheet from Internet search results, www.djortho.com, Jan. 1, 2008, 1 page.
 XP Achilles Walker (EU ony), product information sheet from Internet search results, www.aircast.com, Jan. 1, 2008, 4 pages.
 XP Achilles Walker™, product information sheet from Internet search results, www.aircast.com, Jan. 1, 2008, 4 pages.
 SP Walker™ (short pneumatic), product information sheet from Internet search results, www.aircast.com, Jan. 1, 2008, 4 pages.
 FP Walker™ (foam pneumatic), product information sheet from Internet search results, www.aircast.com, Jan. 1, 2008, 4 pages.
 XP Walker™ (extra pneumatic), product information sheet from Internet search results, www.aircast.com, Jan. 1, 2008, 4 pages.

* cited by examiner

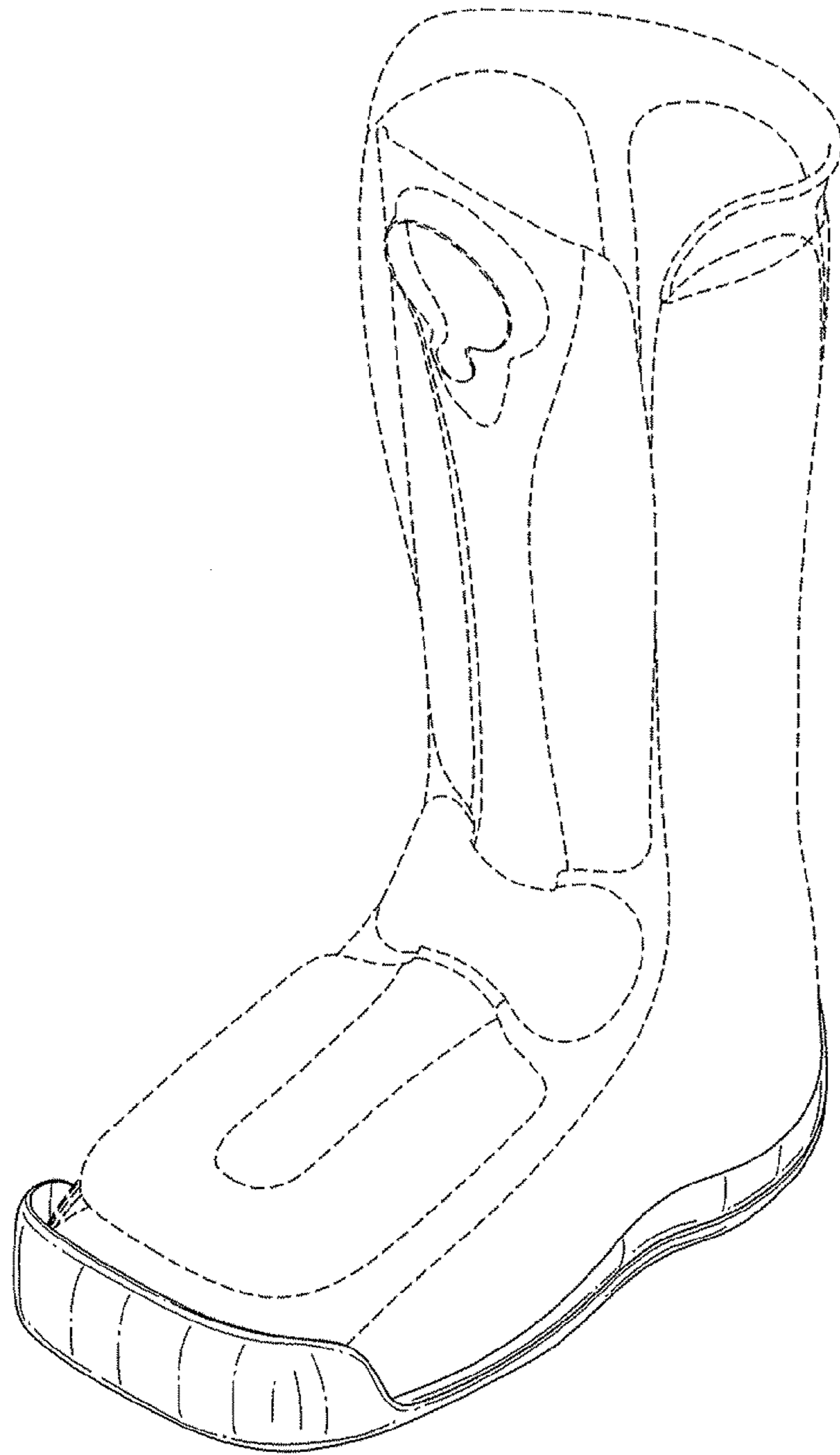


FIG. 1

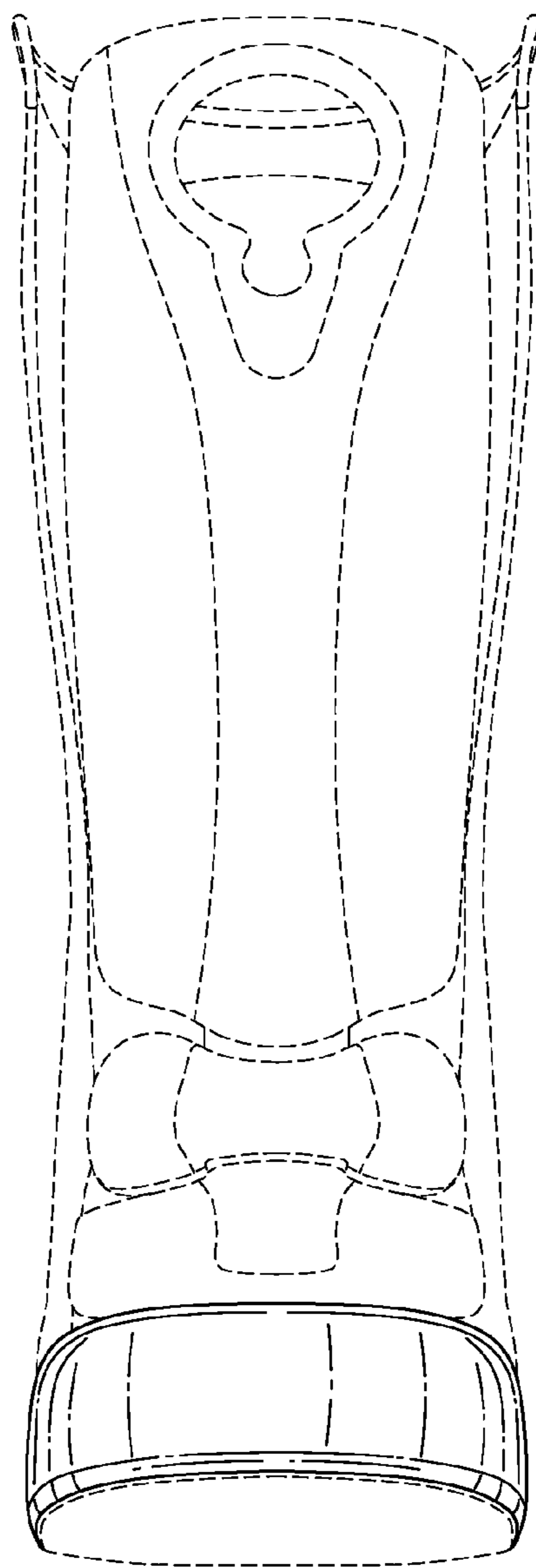


FIG. 2

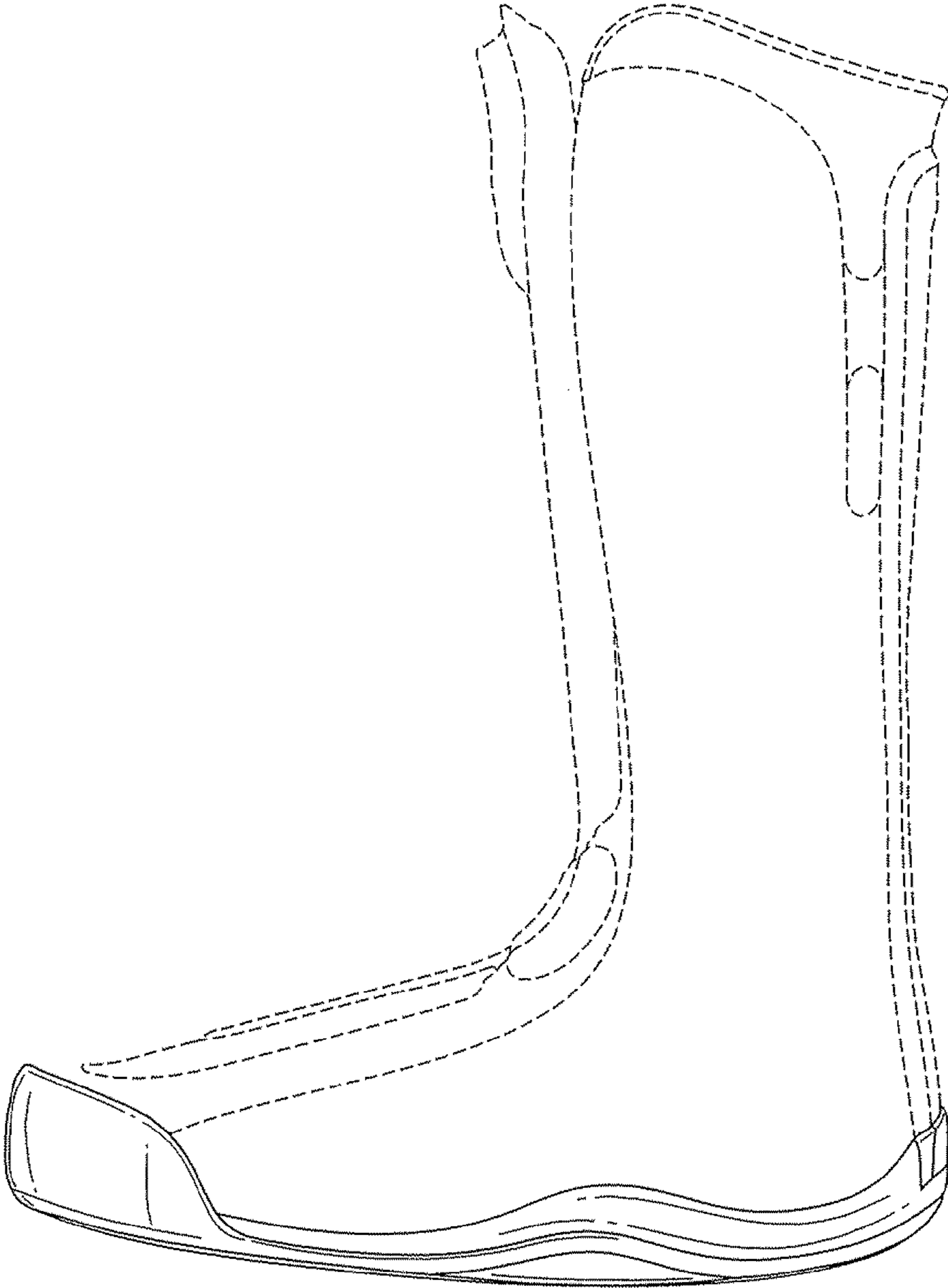


FIG. 3

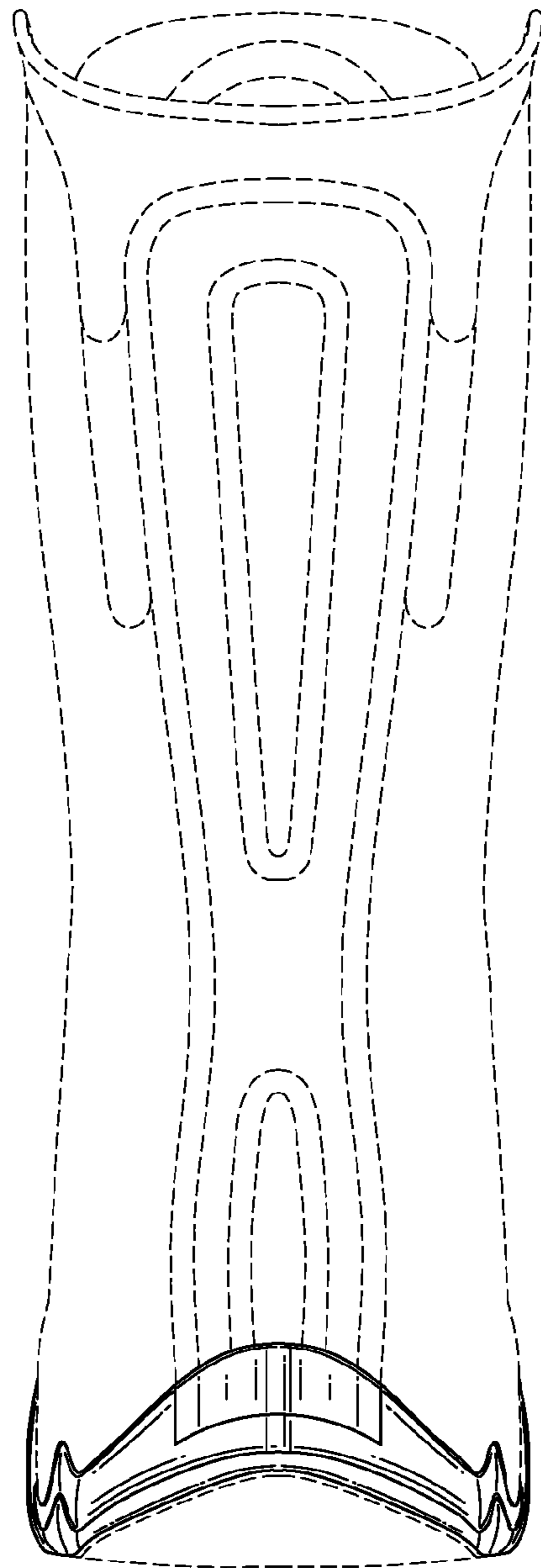


FIG. 4

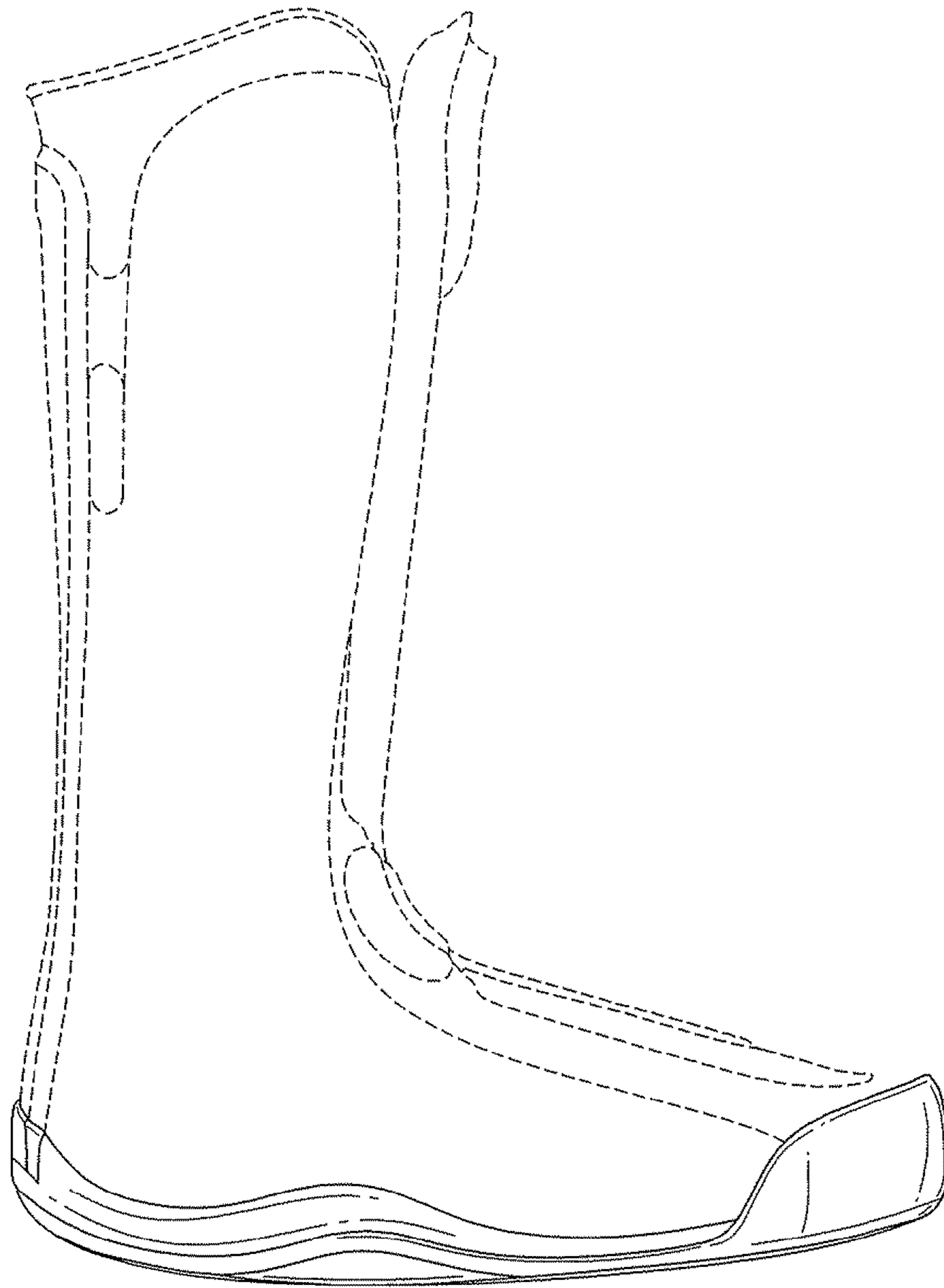


FIG. 5