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(12) **United States Design Patent** (10) **Patent No.:** **US D814,161 S**
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(54) **FOOTWEAR ORTHOTIC**

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(51) **LOC (11) Cl.** **02-04**

(52) **U.S. Cl.**
USPC **D2/961**

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USPC D2/896, 946, 947, 949-951, 954, 955, D2/961, 968; 36/88, 91, 92, 93, 95, 96, 36/3 B, 25 R, 28, 29, 31, 32 R, 43, 44, 36/71, 145, 14, 7, 150, 153, 154, 155, 36/166, 173, 174, 180

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See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

1,658,170	A *	2/1928	La Chapelle	A43B 13/14 36/28
2,148,999	A *	2/1939	Schur	A43B 13/38 36/30 R
2,231,552	A *	2/1941	Sewall	A43B 13/141 12/146 B
4,133,086	A	1/1979	Brennan	
4,196,903	A	4/1980	Illustrato	
4,331,731	A *	5/1982	Seike	A43B 7/02 252/70
4,562,651	A	1/1986	Frederick et al.	
4,590,123	A	5/1986	Hashimoto et al.	
D296,953	S *	8/1988	Fox	D2/961
D297,282	S *	8/1988	Fox	D2/961
4,912,859	A	4/1990	Ritts	
4,936,030	A	6/1990	Rennex	
5,343,637	A	9/1994	Schindler	
5,343,639	A	9/1994	Kilgore et al.	
5,435,079	A	7/1995	Gallegos	

(Continued)

Primary Examiner — Elizabeth J Oswecki

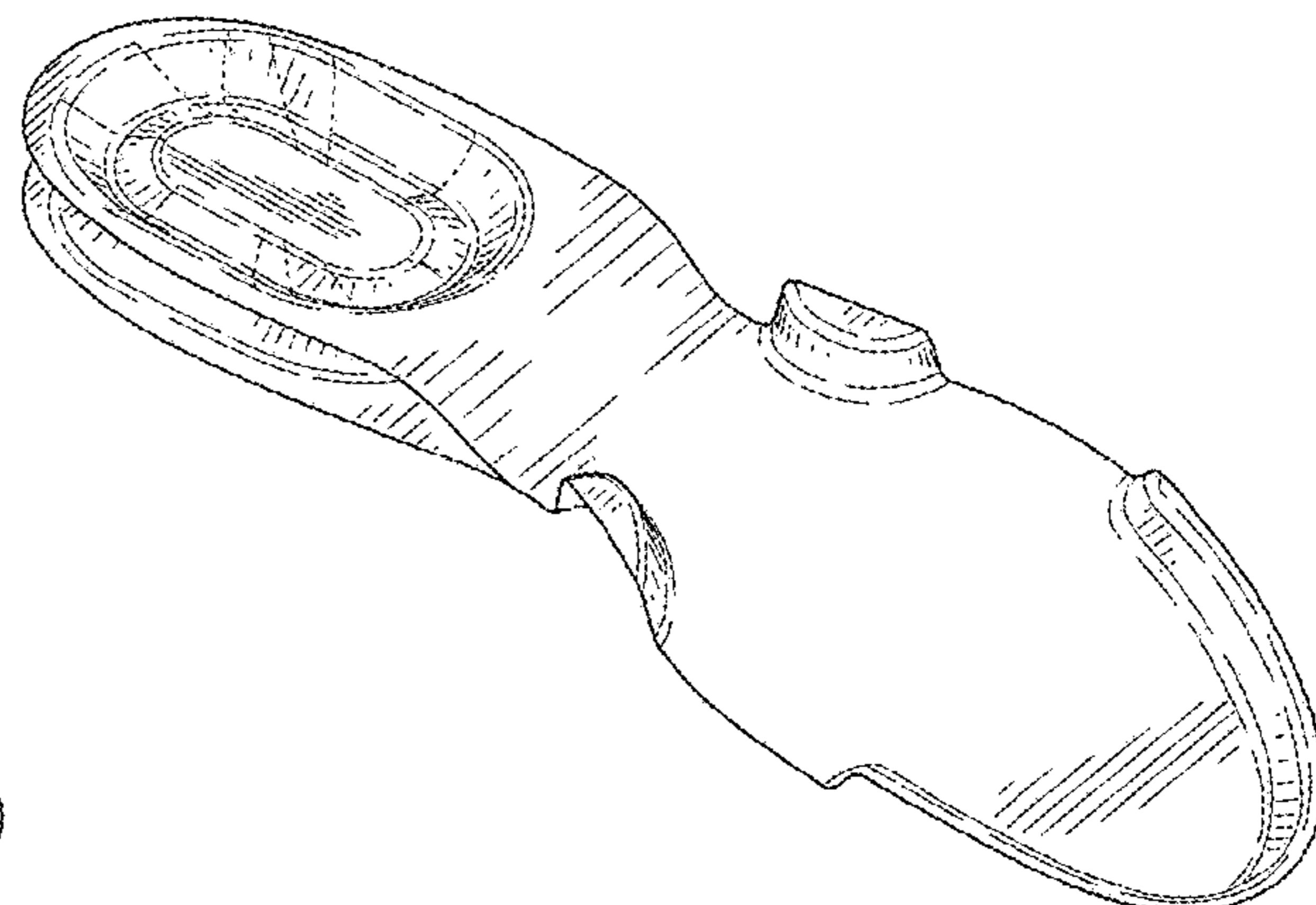
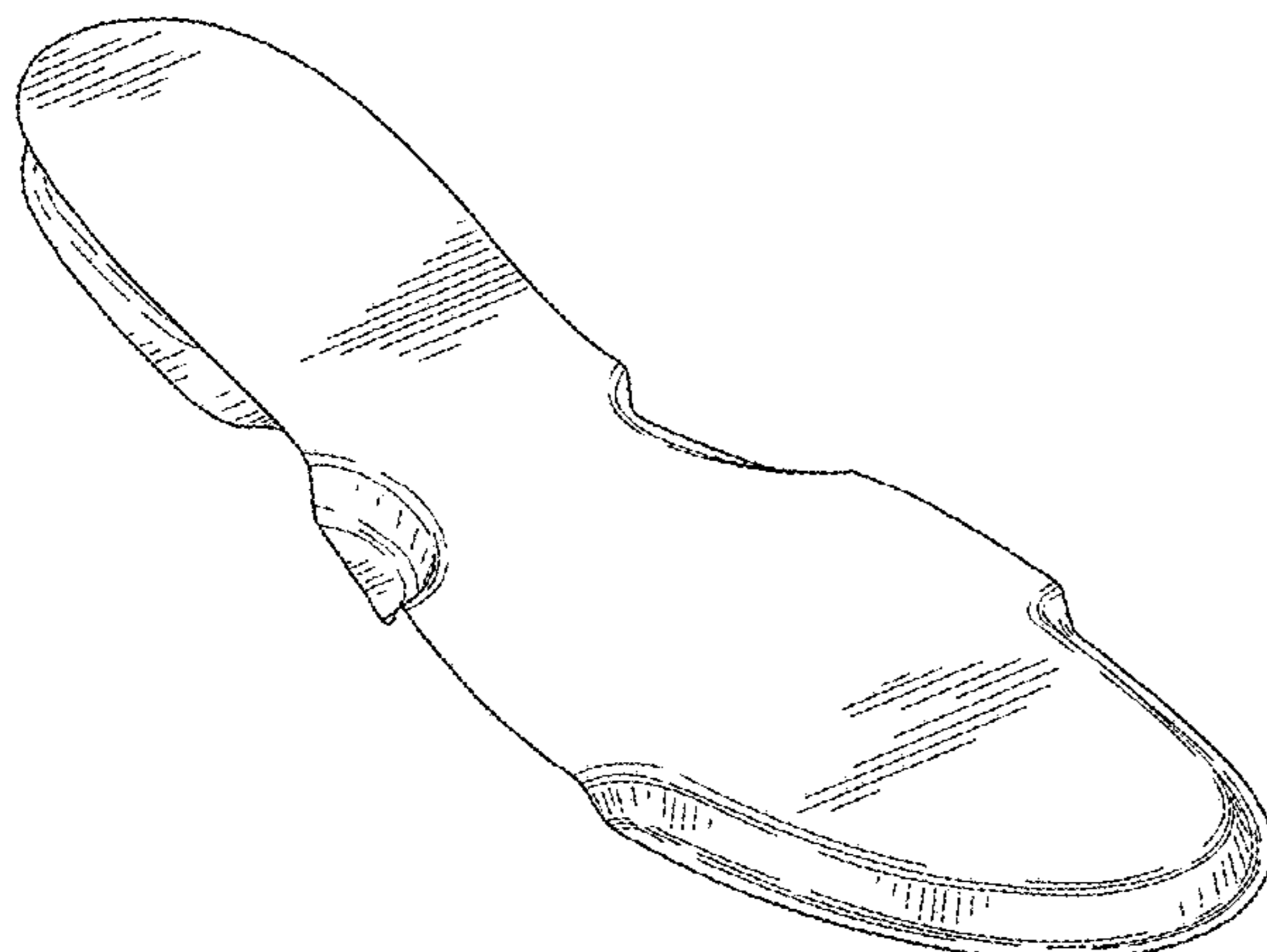
(57) **CLAIM**

The ornamental design for a footwear orthotic, as shown and described.

DESCRIPTION

FIG. 1 is a front, top, perspective view of a footwear orthotic showing our new design;
FIG. 2 is a front, bottom, perspective view thereof;
FIG. 3 is a top view thereof;
FIG. 4 is a bottom view thereof;
FIG. 5 is a left side view thereof;
FIG. 6 is a right side view thereof;
FIG. 7 is an enlarged front view thereof; and,
FIG. 8 is an enlarged rear view thereof.

1 Claim, 4 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

5,469,638 A 11/1995 Crawford
 D370,116 S * 5/1996 Passke D2/961
 5,517,769 A 5/1996 Zhao
 5,528,842 A 6/1996 Ricci et al.
 D418,666 S * 1/2000 Brown D2/961
 6,029,374 A 2/2000 Herr et al.
 6,115,942 A 9/2000 Paradis
 6,282,814 B1 9/2001 Krafur et al.
 6,516,540 B2 2/2003 Seydel et al.
 6,589,630 B1 7/2003 Crow
 6,684,531 B2 2/2004 Rennex
 6,719,671 B1 4/2004 Böck
 6,964,119 B2 11/2005 Weaver, III
 7,062,865 B1 6/2006 Nordt, III
 D532,586 S * 11/2006 Birkenstock D2/961
 D533,336 S * 12/2006 Walker D2/961
 D535,811 S * 1/2007 Dananberg D2/961
 7,219,447 B2 5/2007 Levert et al.
 7,219,449 B1 5/2007 Hoffberg et al.
 7,395,614 B1 7/2008 Bailey, Sr. et al.

D578,284 S * 10/2008 Elliott D2/961
 D615,742 S * 5/2010 Vasyli D2/961
 7,832,118 B2 11/2010 Holden et al.
 D658,358 S * 5/2012 Polifroni D2/961
 8,234,798 B2 8/2012 Dibenedetto et al.
 8,438,757 B2 5/2013 Roser
 8,528,233 B2 9/2013 Killion
 8,627,582 B2 1/2014 Perenich
 8,732,983 B2 5/2014 Goldston et al.
 D721,880 S * 2/2015 Finn D2/961
 D722,755 S * 2/2015 Vasyli D2/961
 D722,756 S * 2/2015 Vasyli D2/961
 D722,757 S * 2/2015 Vasyli D2/961
 D723,787 S * 3/2015 Vasyli D2/961
 2003/0056396 A1 3/2003 Murray et al.
 2004/0177531 A1 9/2004 Dibenedetto et al.
 2007/0289163 A1 * 12/2007 Weiss A43B 7/22
 36/44
 2010/0324455 A1 12/2010 Rangel et al.
 2011/0185591 A1 8/2011 Actis et al.
 2012/0317838 A1 * 12/2012 Segel A43B 13/183
 36/91

* cited by examiner

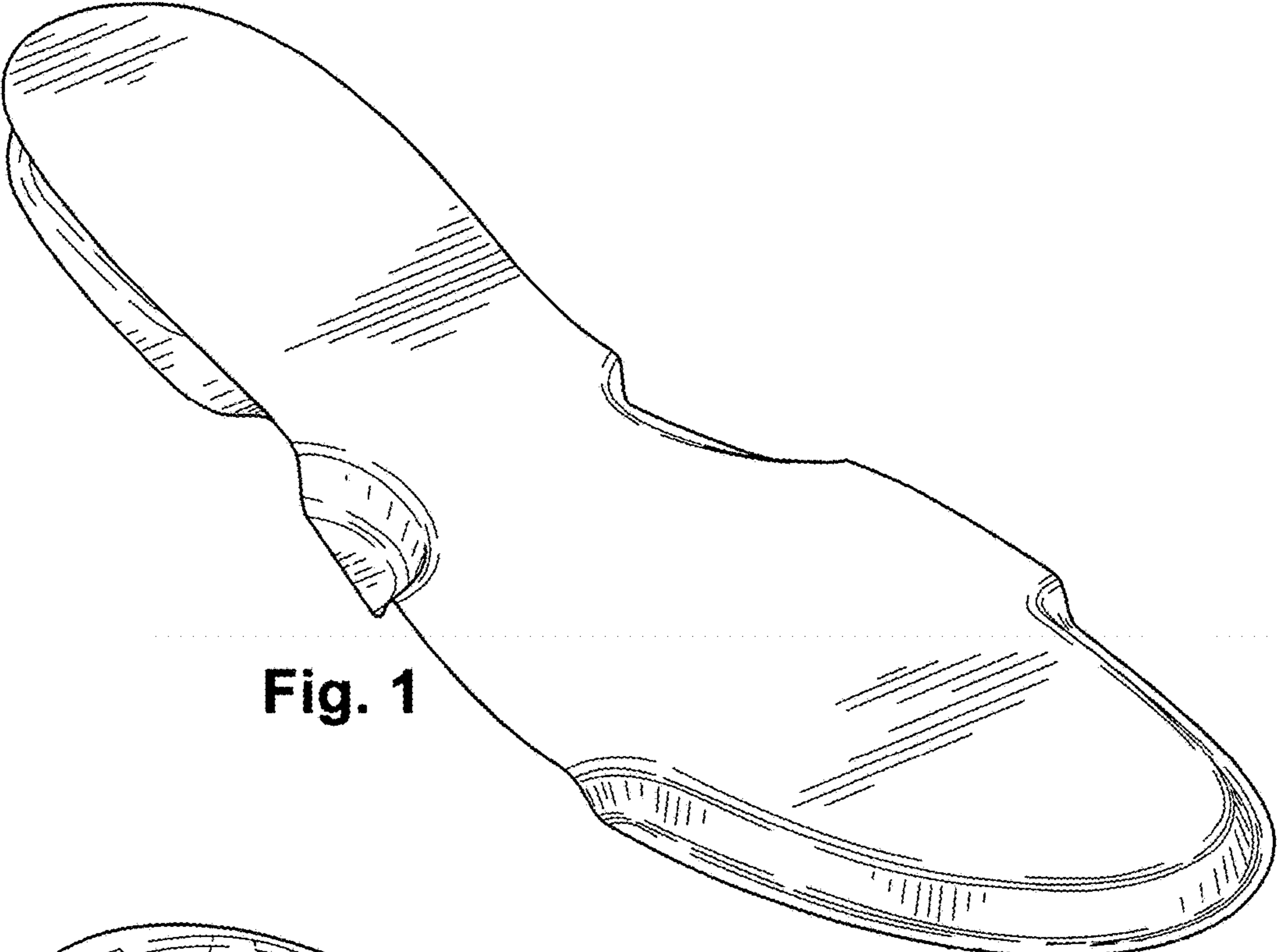


Fig. 1

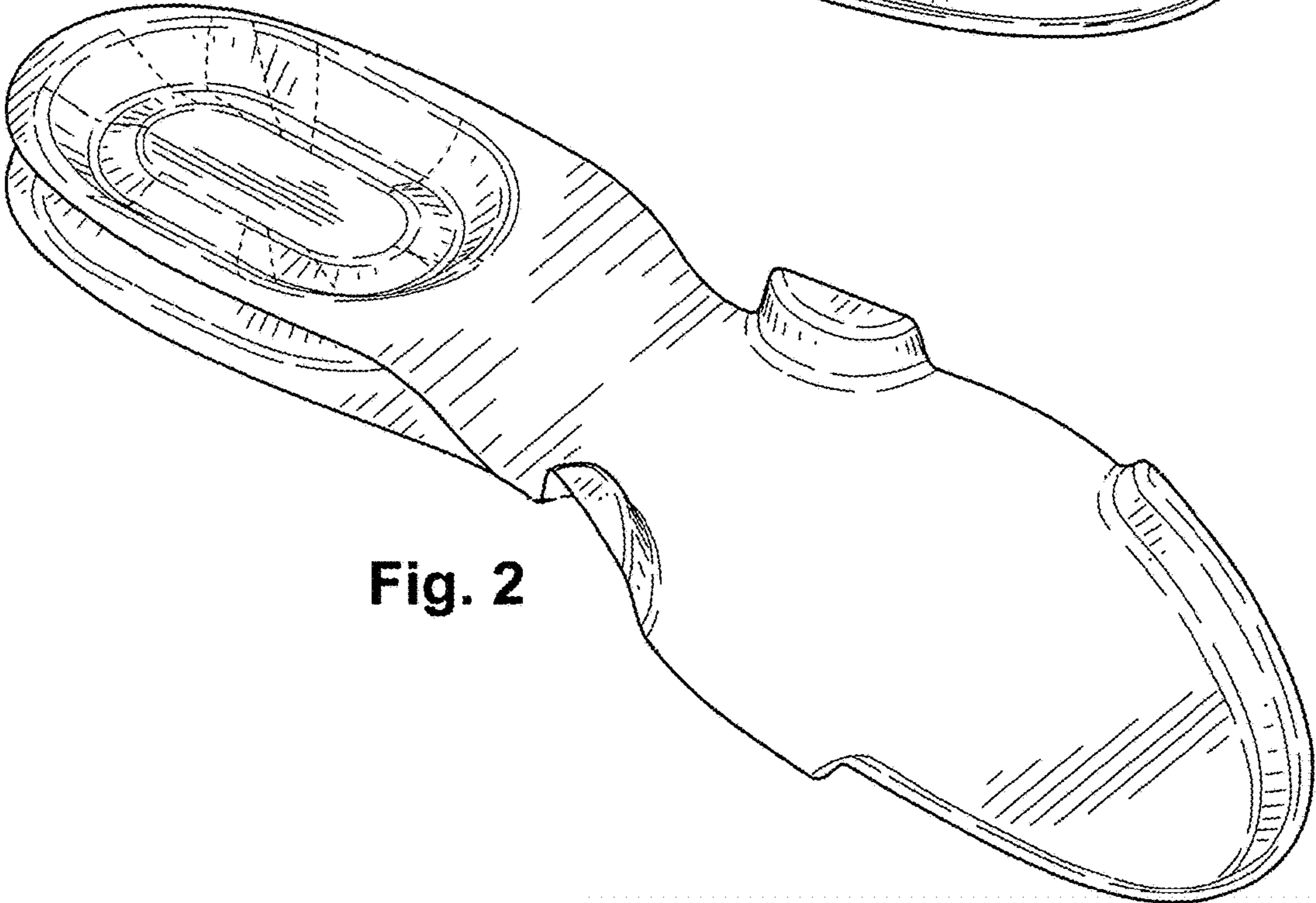


Fig. 2

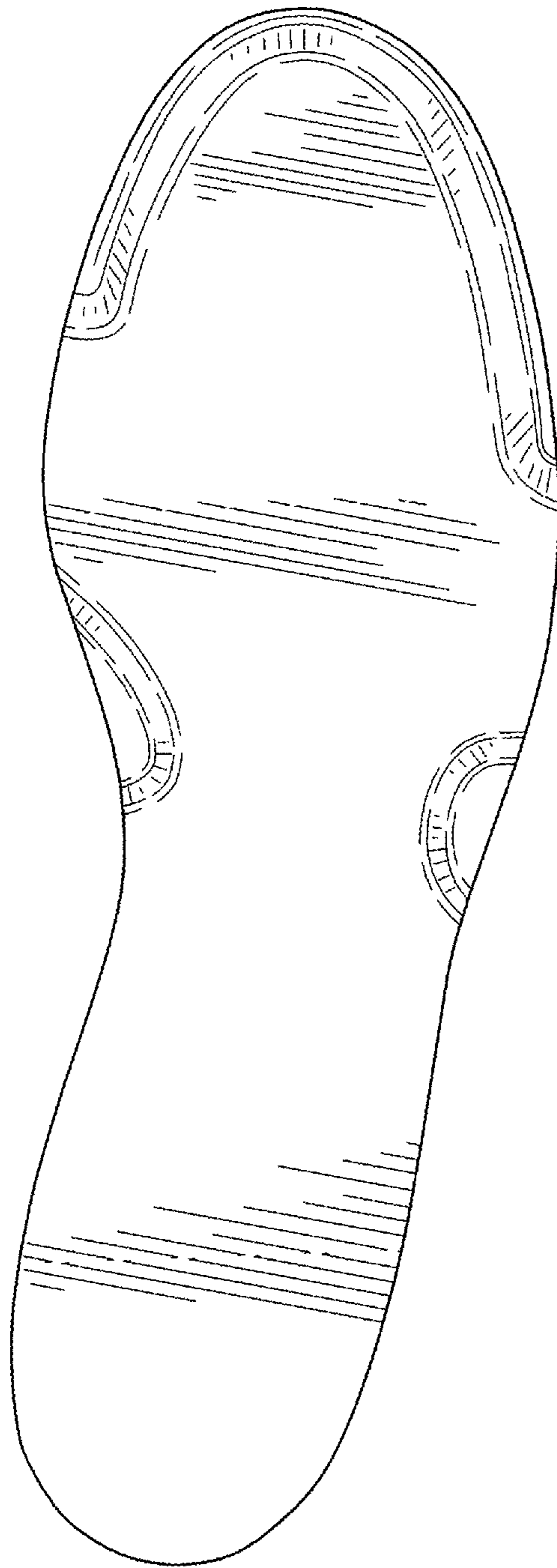


Fig. 3

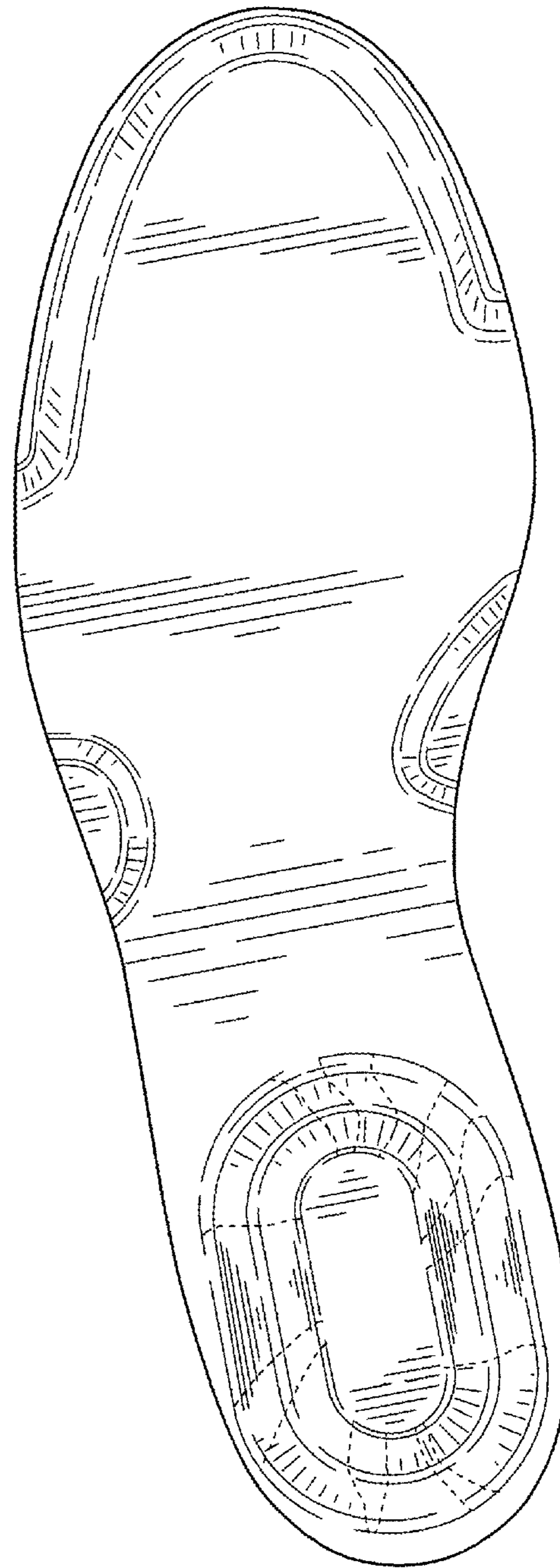


Fig. 4

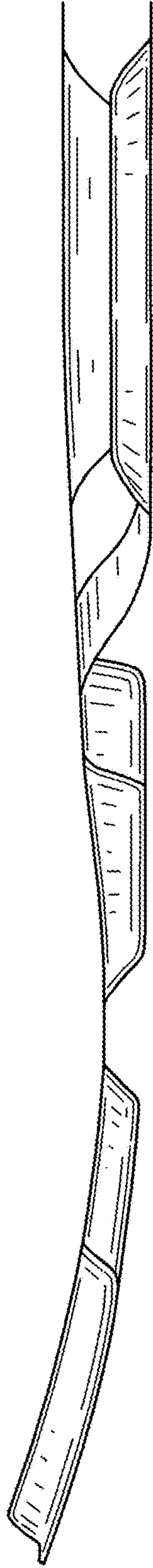


Fig. 5

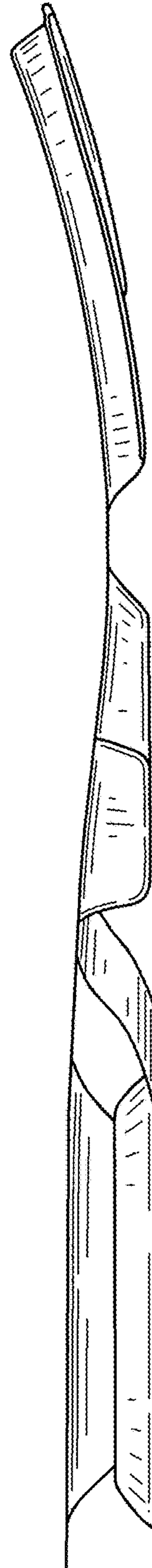


Fig. 6

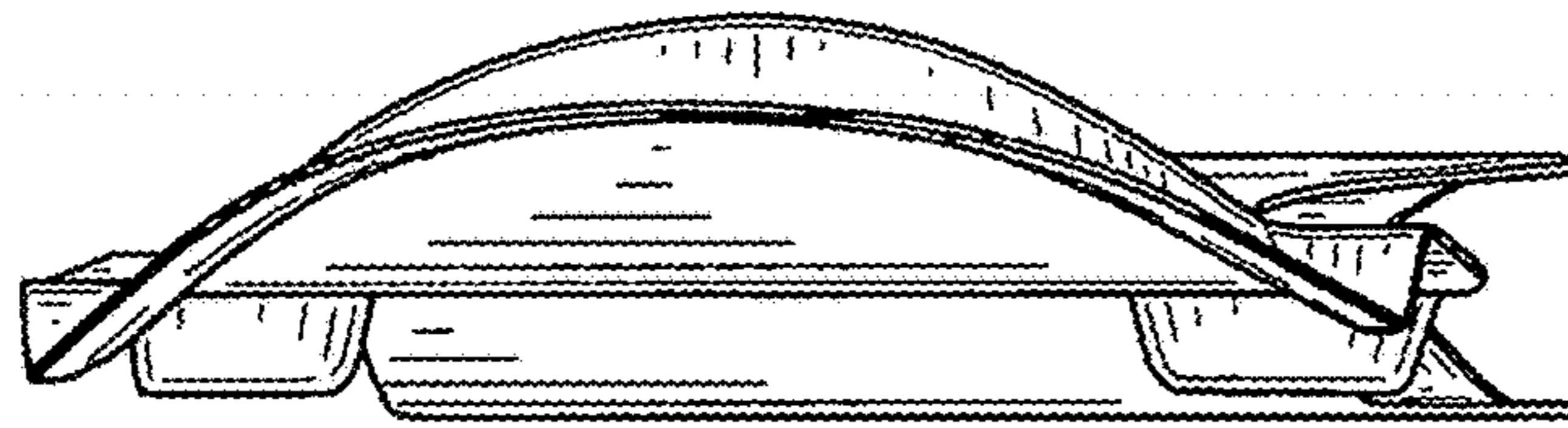


Fig. 7

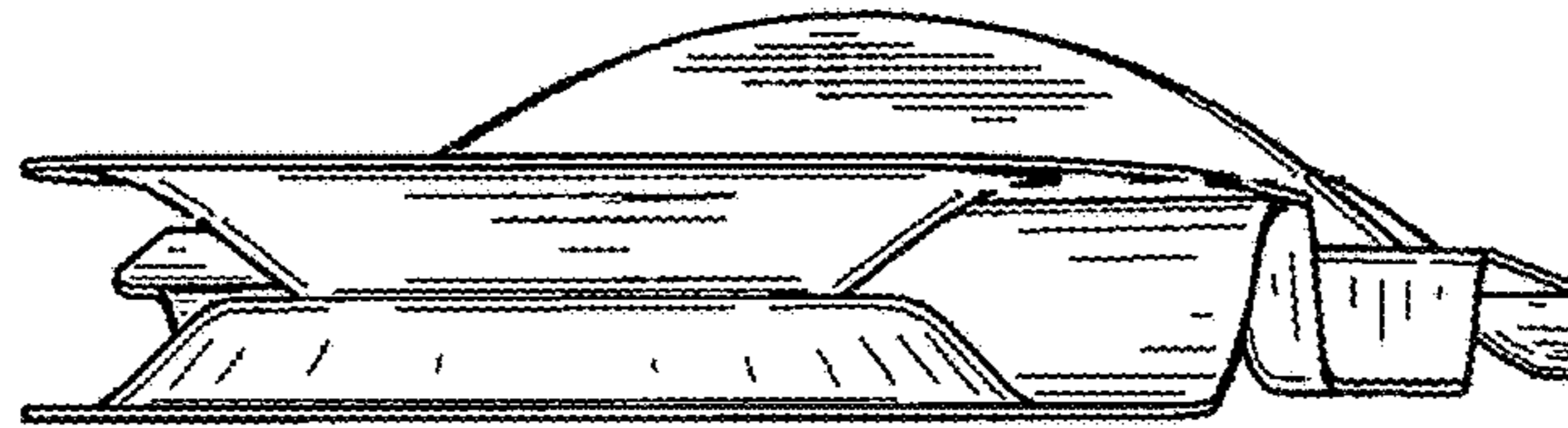


Fig. 8