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(12) **United States Design Patent** (10) **Patent No.:** **US D797,429 S**  
**Granger et al.** (45) **Date of Patent:** **\*\* Sep. 19, 2017**

(54) **SHOE INSOLE**

FOREIGN PATENT DOCUMENTS

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DE 2603716 12/1976  
EP 0774219 12/1997

(Continued)

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OTHER PUBLICATIONS

(73) Assignee: **Implus Footcare, LLC**, Durham, NC (US)

[Online] [retrieved on Jan. 22, 2013] [retrieved from Foot Science Limited website] (pdf) [http://www.footscience.com/products\\_foot.html](http://www.footscience.com/products_foot.html).

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

(Continued)

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(74) *Attorney, Agent, or Firm* — Hemingway & Hansen, LLP; D. Scott Hemingway

(51) **LOC (10) Cl.** ..... **02-04**

(52) **U.S. Cl.**

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(58) **Field of Classification Search**

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A43B 7/223; A43B 7/226; A43B 7/28;  
A43B 7/30; A43B 7/32; A43B 7/34;  
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A43B 13/386; A43B 13/39; A43B 13/40;  
A43B 13/42; A43B 17/14

See application file for complete search history.

(57) **CLAIM**

The ornamental design for a shoe insole, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of a first embodiment of a shoe insole showing our new design;  
FIG. 2 is a bottom view thereof;  
FIG. 3 is a top view thereof;  
FIG. 4 is a medial side view thereof;  
FIG. 5 is a lateral side view thereof;  
FIG. 6 is a front view thereof;  
FIG. 7 is a back view thereof;  
FIG. 8 is a perspective view of a second embodiment of a shoe insole showing our new design;  
FIG. 9 is a bottom view thereof;  
FIG. 10 is a top view thereof;  
FIG. 11 is a medial side view thereof;  
FIG. 12 is a lateral side view thereof;  
FIG. 13 is a front view thereof; and,  
FIG. 14 is a back view thereof.

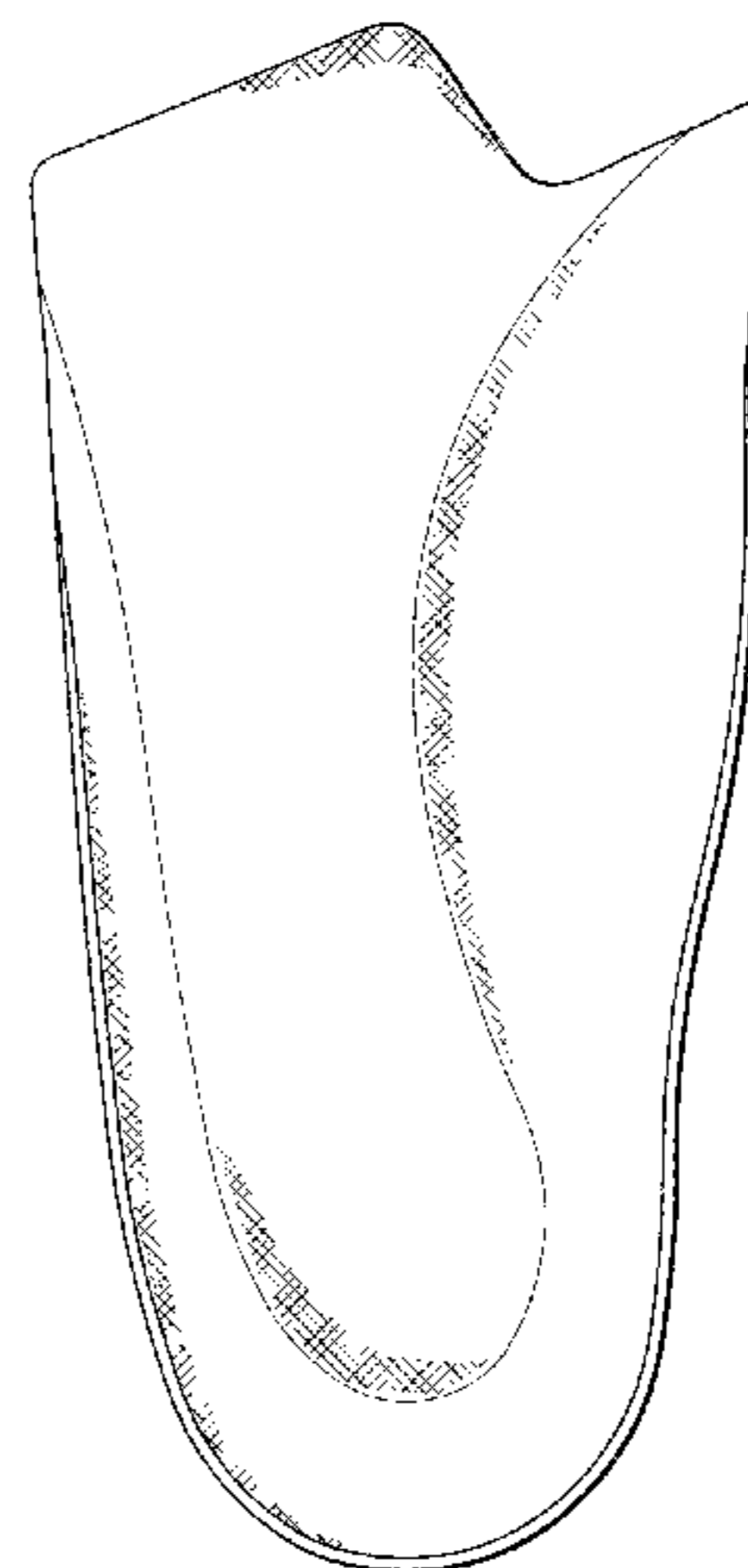
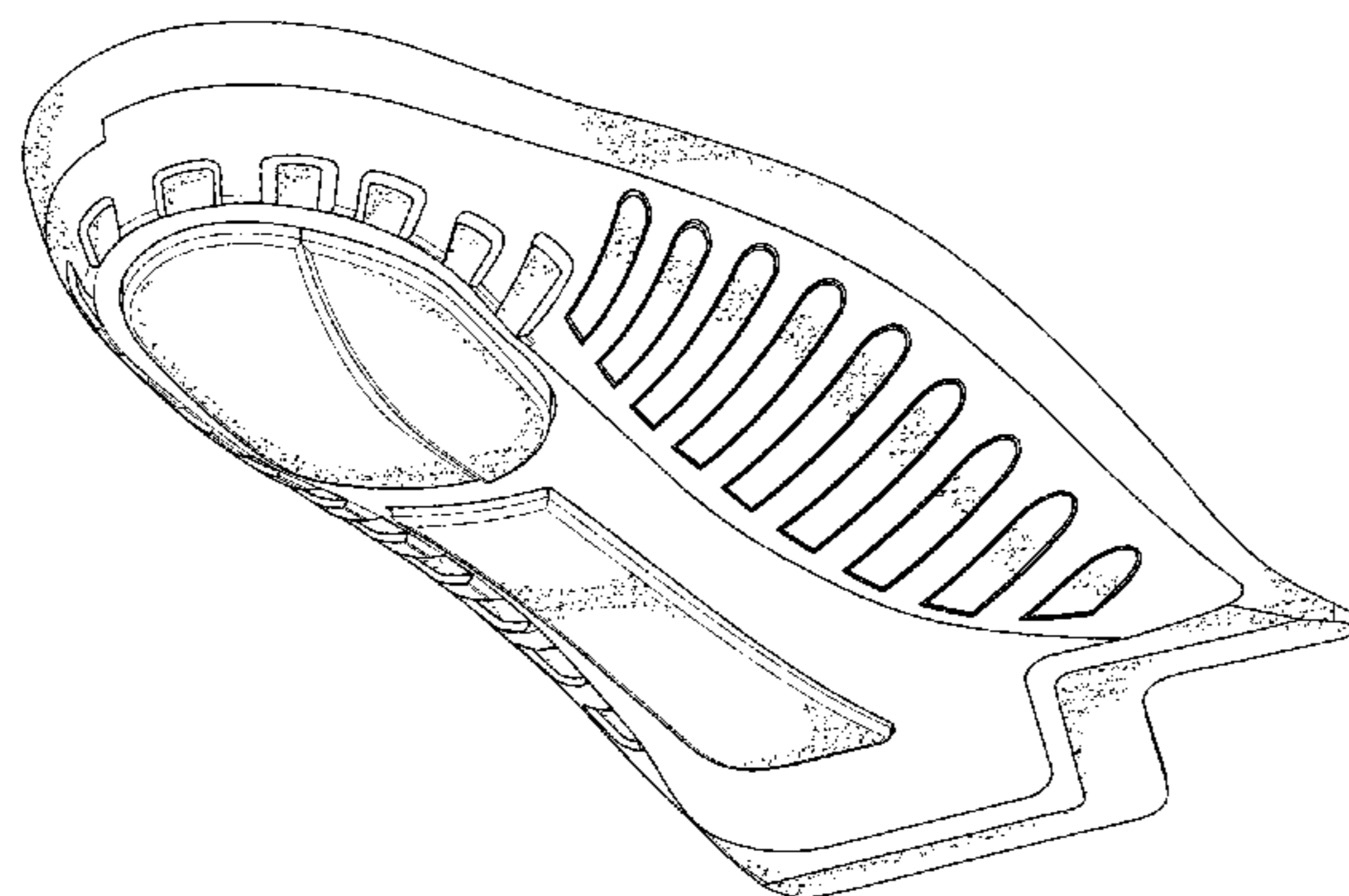
(56) **References Cited**

U.S. PATENT DOCUMENTS

333,595 A 1/1886 Butterfield  
360,127 A 3/1887 Wallis

(Continued)

**1 Claim, 10 Drawing Sheets**







(56)

References Cited

U.S. PATENT DOCUMENTS

2006/0137216	A1	6/2006	Ahlbaumer
2006/0168846	A1	8/2006	Juan
2006/0230643	A1	10/2006	Affleck
2006/0254088	A1	11/2006	McCormick
2006/0283043	A1	12/2006	Lamstein
2007/0022630	A1	2/2007	Lundy, Jr. et al.
2007/0033834	A1	2/2007	Cheskin et al.
2007/0039209	A1	2/2007	White
2007/0245592	A1	10/2007	Yamaguchi et al.
2007/0261268	A1	11/2007	Nguyen
2008/0028637	A1	2/2008	Benfatti
2008/0110060	A1	5/2008	Ritter
2008/0110064	A1	5/2008	Liu
2008/0271340	A1	11/2008	Grisoni et al.
2008/0295358	A1	12/2008	Lin et al.
2009/0025254	A1	1/2009	Smith
2009/0049712	A1	2/2009	Steszyn et al.
2009/0100722	A1	4/2009	Hoffer et al.
2009/0151194	A1	6/2009	Cheskin et al.
2009/0165334	A1	7/2009	Kantro et al.
2009/0249650	A1	10/2009	Sarantakos
2010/0015869	A1	1/2010	Hartmann et al.
2010/0083534	A1	4/2010	Howlett
2010/0095552	A1	4/2010	Cheskin et al.
2010/0126044	A1	5/2010	Davis
2010/0170116	A1	7/2010	Shim
2010/0205831	A1	8/2010	Checkin et al.
2010/0212187	A1	8/2010	Jones
2010/0218398	A1	9/2010	Reinhardt et al.
2010/0218399	A1	9/2010	Jeong
2010/0251577	A1	10/2010	Yamada
2011/0072685	A1	3/2011	Gutowksy, Jr. et al.
2011/0131835	A1	6/2011	Cheskin
2011/0162234	A1	7/2011	Dean
2011/0209360	A1	9/2011	Baker et al.
2011/0219642	A1	9/2011	Sulak et al.
2011/0232129	A1	9/2011	Roberts et al.
2011/0252665	A1	10/2011	Tsai
2011/0252671	A1	10/2011	Maron et al.
2011/0302805	A1	12/2011	Vito
2012/0090197	A1	4/2012	Wynner et al.
2012/0192452	A1	8/2012	Lewis et al.
2012/0272546	A1	11/2012	Tsai
2013/0104419	A1	5/2013	Horesh et al.
2013/0160331	A1	6/2013	Burke

FOREIGN PATENT DOCUMENTS

KR	20-19930024801	5/1992
KR	20-0427687	4/2006
KR	10-0641278	10/2006
KR	10-0736813	7/2007
KR	10-0780086	11/2007
WO	WO 2004060095	7/2004

WO	WO 2006035469	4/2006
WO	WO 2006090398	8/2006
WO	WO 2007021328	2/2007
WO	WO 2007056101	5/2007
WO	WO 2008015195	12/2008
WO	WO 2009068298	6/2009
WO	WO 2009126111	10/2009
WO	WO 2009136685	11/2009
WO	WO 2011108011	9/2011

OTHER PUBLICATIONS

[Online] [retrieved on Jan. 22, 2013] [retrieved from geldoctor website] (pdf) <http://www.geldoctor.com/flosole.html>.  
 [Online] [retrieved on Jan. 22, 2013] [retrieved from Gerbing's website] (pdf) <http://www.gerbing.com/Products/insoles.php>.  
 [Online] [retrieved on Jan. 22, 2013] [retrieved from Heat Factory website] (pdf) <http://www.heatfactory.com/english/product.pht?cat=3&id>.  
 [Online] [retrieved on Jan. 22, 2013] [retrieved from Dr. Rosenberg's Foot Products website] (pdf) <http://www.instantarches.com/cool-soles.shtml>.  
 [Online] [retrieved on Jan. 22, 2013] [retrieved from Mean and Green website]web page] (pdf) [http://www.meanandgreen.com/army/-Thermal-Foil\\_insoles/2660/2303.html](http://www.meanandgreen.com/army/-Thermal-Foil_insoles/2660/2303.html).  
 [Online] [retrieved on Jan. 22, 2013] [retrieved from Superfeet website] (pdf) <http://www.superfeet.com/products/REDHot.aspx>.  
 [Online] [retrieved on Jan. 22, 2013] [retrieved from Thermo Soles website] (pdf) <http://www.thermosoles.com/>.  
 [Online] [retrieved on Jan. 22, 2014] [retrieved from Warmers.com website] (pdf) <http://www.warmers.com/grabber-got-warmers-medium-5-hour-10pr-bundle>.  
 PCT, International Search Report & Written Opinion of the International Searching Authority for PCT/US2013/026932. Jun. 18, 2013.  
 PCT, International Search Report & Written Opinion of the International Searching Authority for Counterpart International Patent Application No. PCT/US2006/014681. Jul. 27, 2006.  
 PCT, International Search Report & Written Opinon of the International Searching Authority for Counterpart International Pataent Application No. PCT/US2013/057141. Nov. 12, 2013.  
 PCT, International Search Report & Written Opinon of the International Searching Authority for Counterpart International Patent Application No. PCT/US2014/0055133. Jan. 15, 2015.  
 PCT, International Search Report and Written Opinon of the International Searching Authority for Counterpart International Patent Application No. PCT/US2006/042885. Mar. 13, 2007.  
 Supplementary Extended European Search Report of the European Patent Office for European Search Report No. EP 13754536.4. Jun. 1, 2015.  
 PCT, International Search Report & Written Opinon of the International Searching Authority for Counterpart International Patent Application No. PCT/US2015/011960. Apr. 30, 2015.

\* cited by examiner

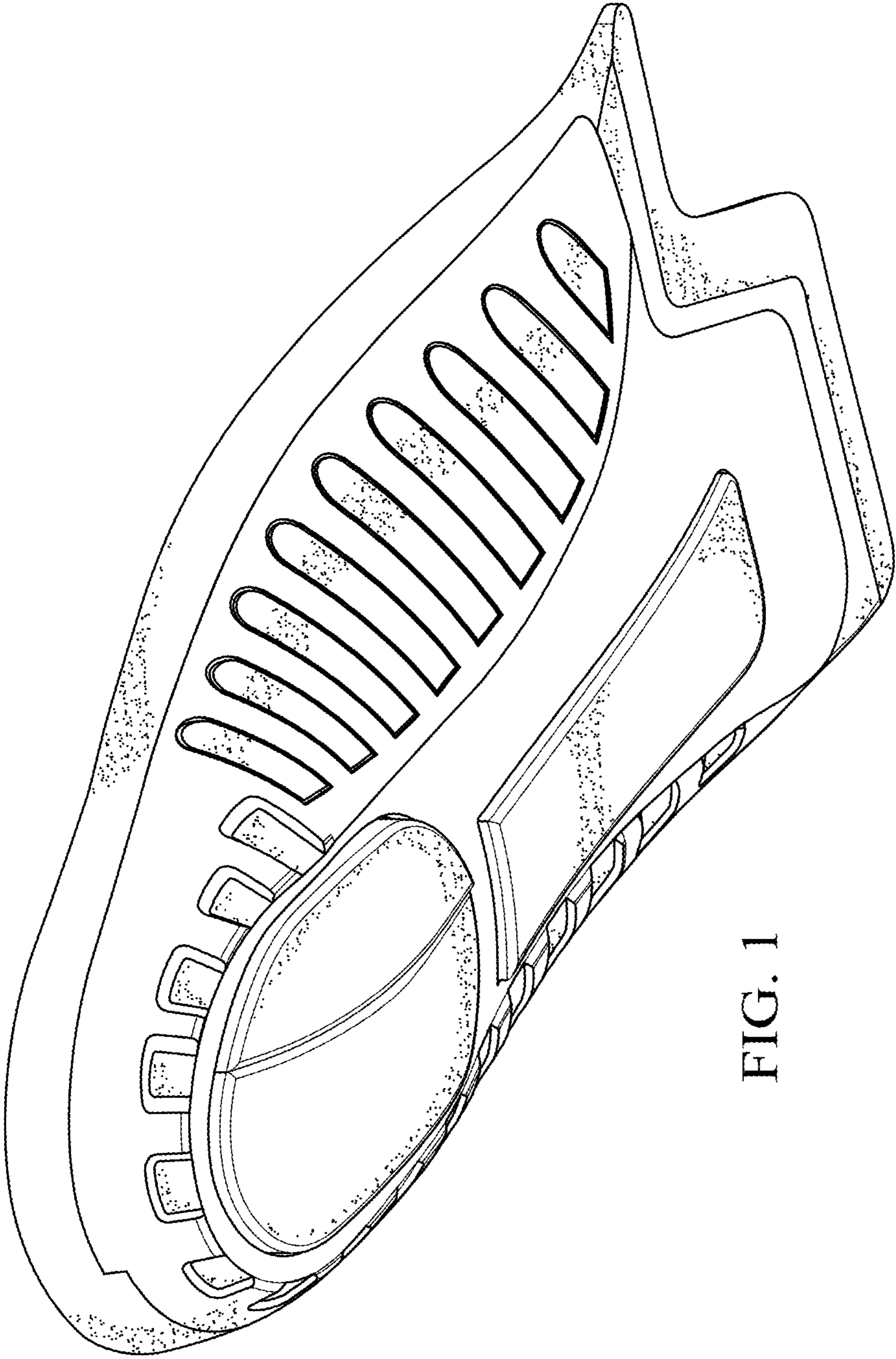


FIG. 1

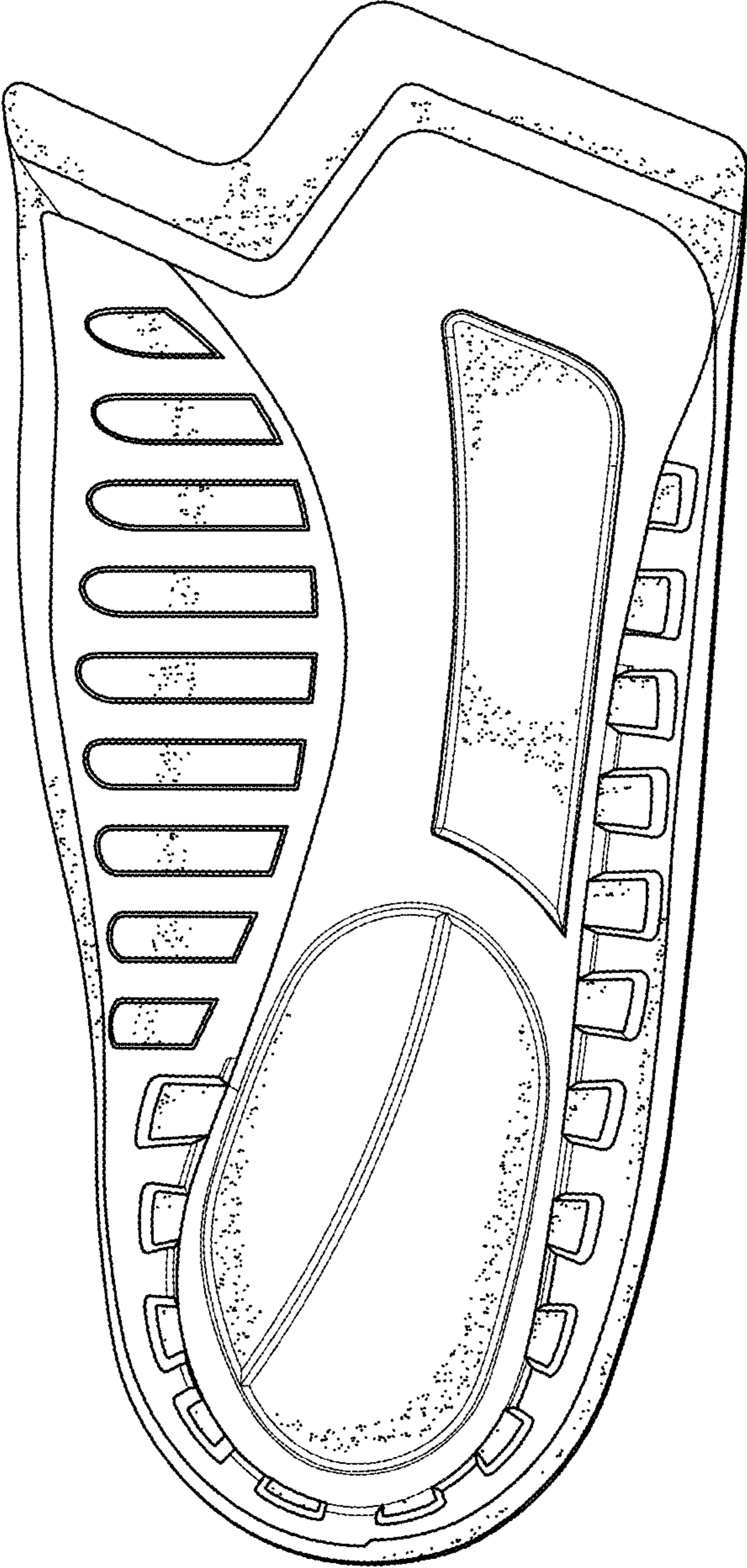


FIG. 2

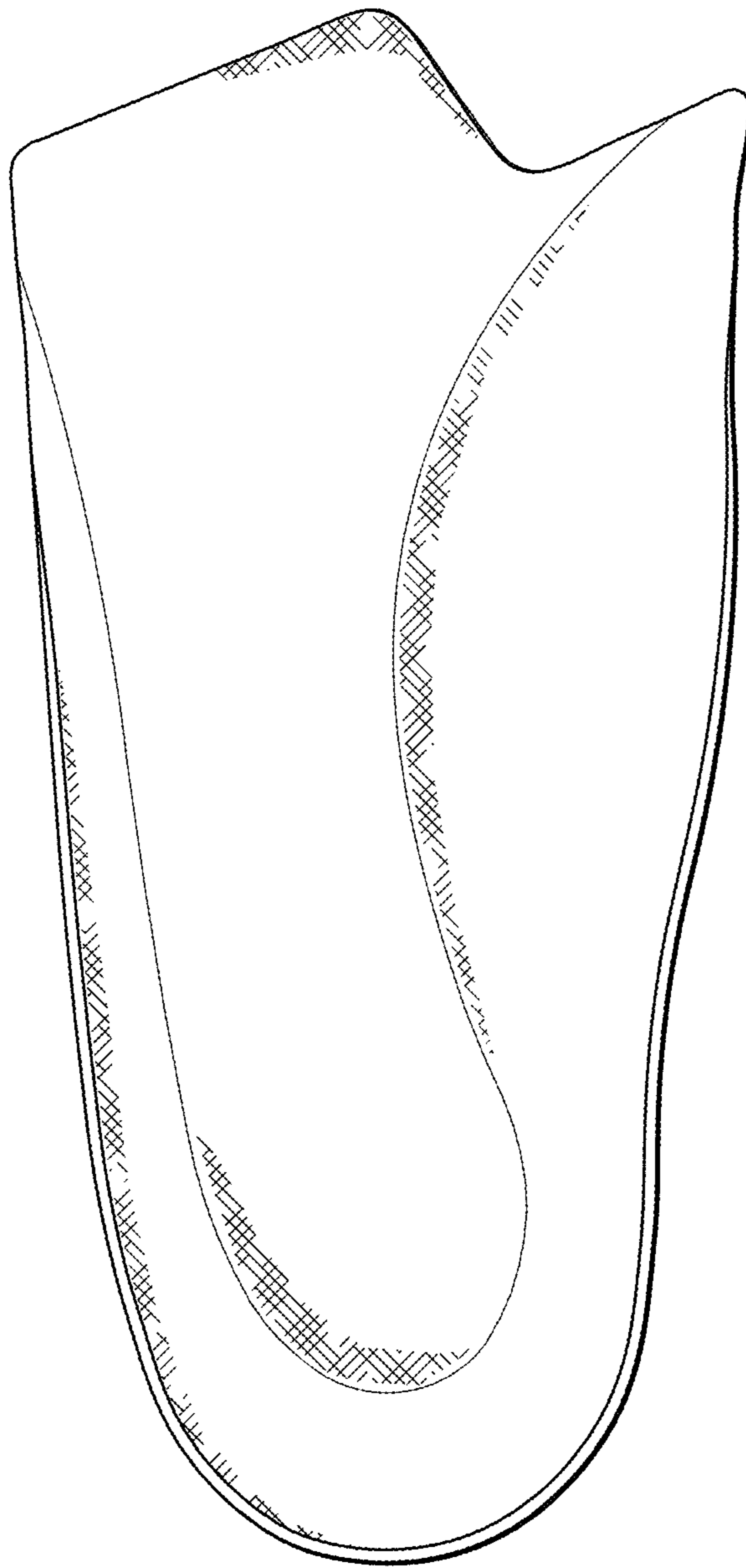


FIG. 3

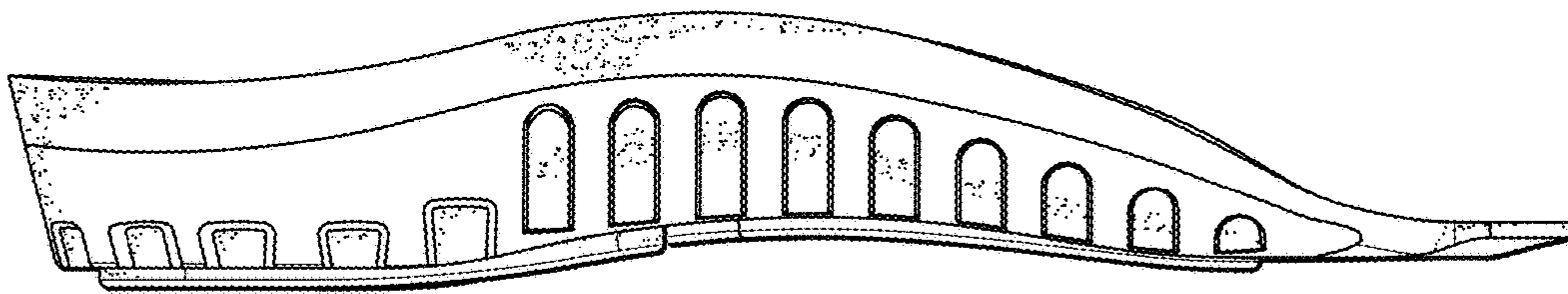


FIG. 4

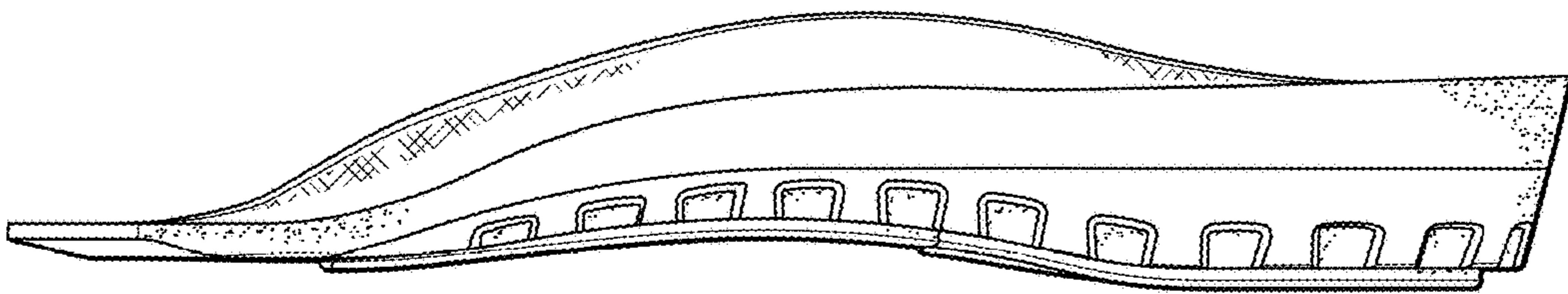


FIG. 5



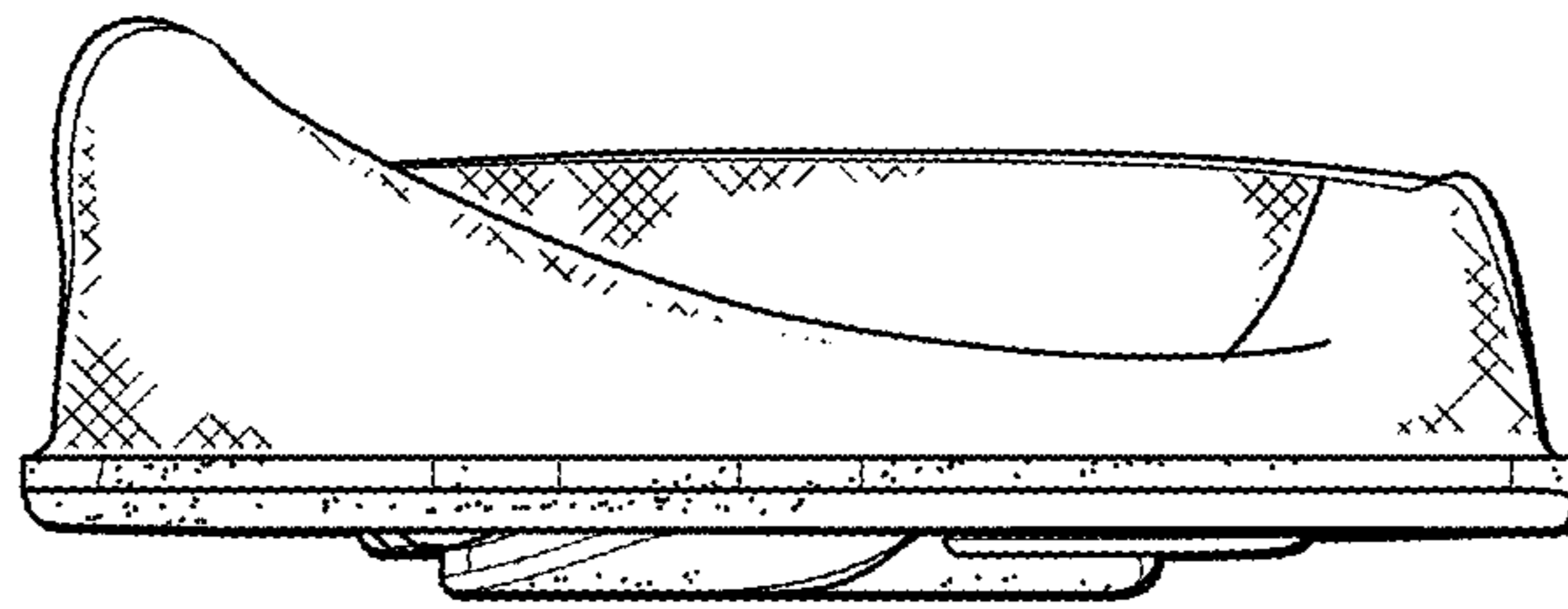


FIG. 6

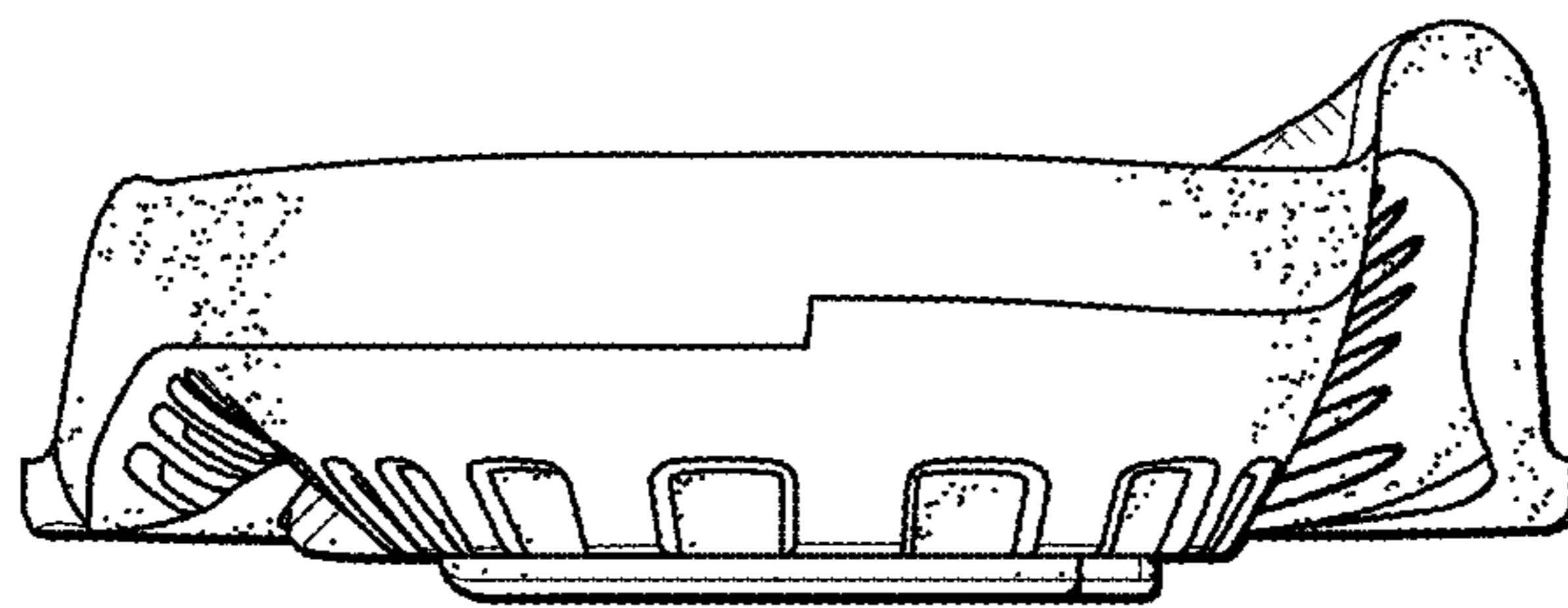


FIG. 7

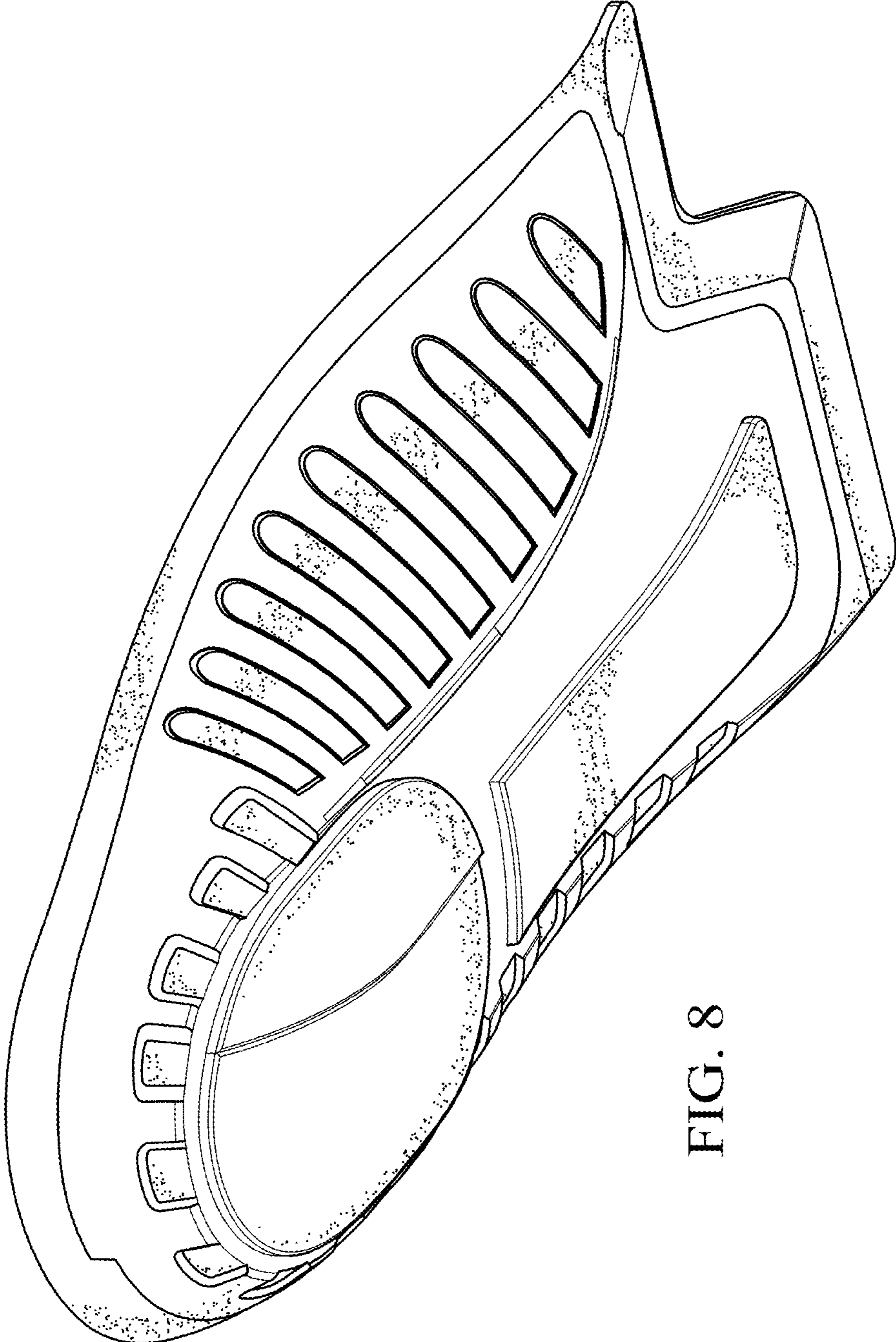


FIG. 8

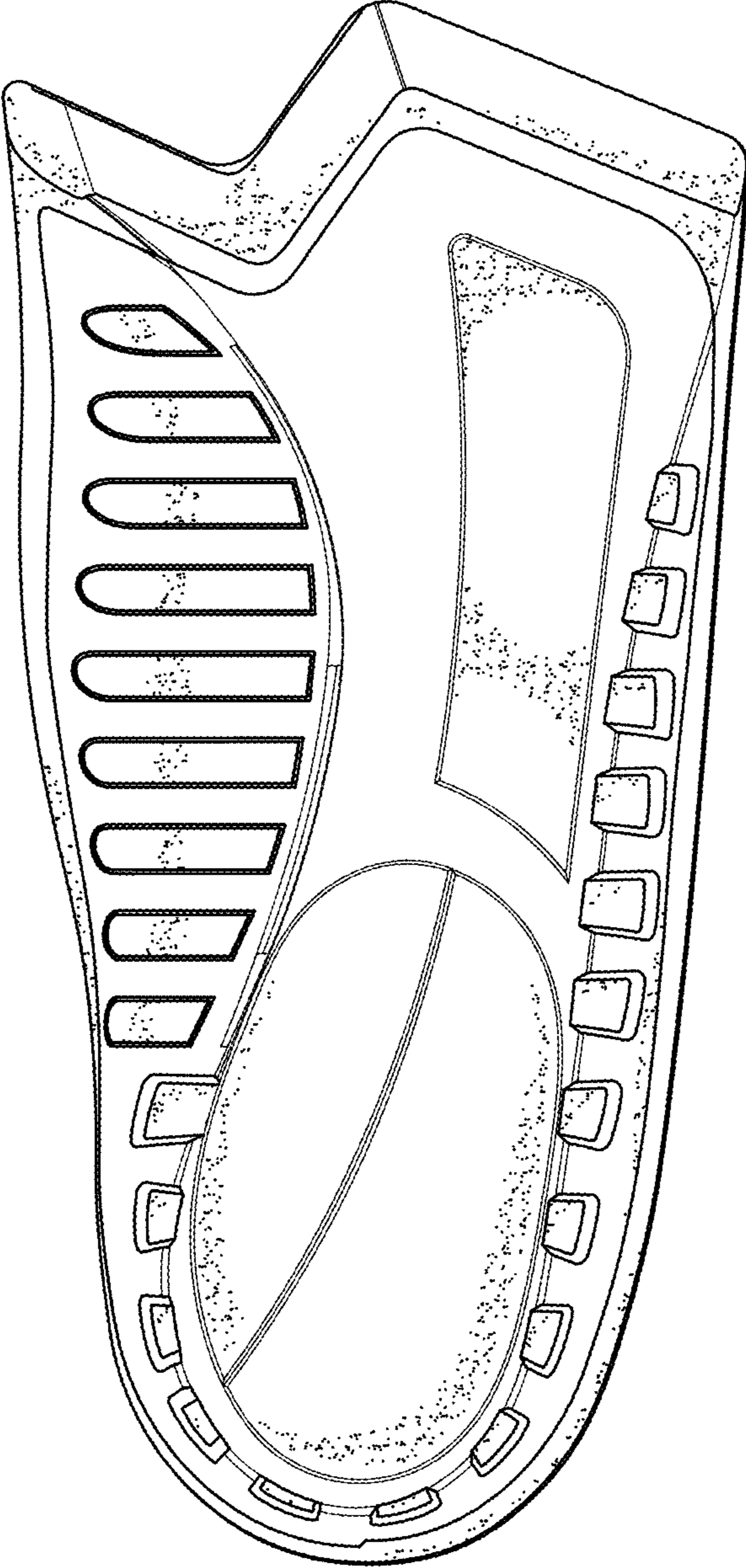


FIG. 9

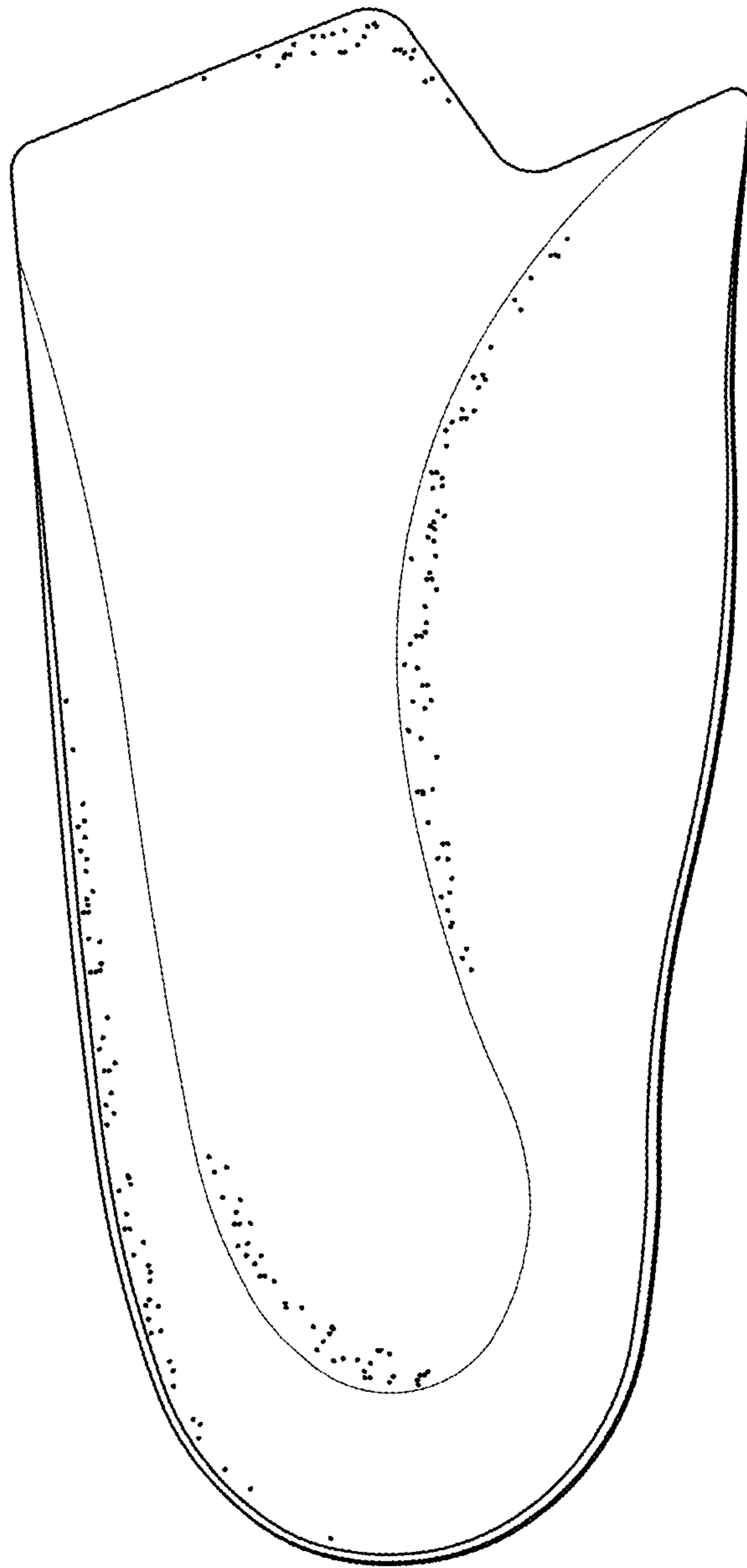


FIG. 10

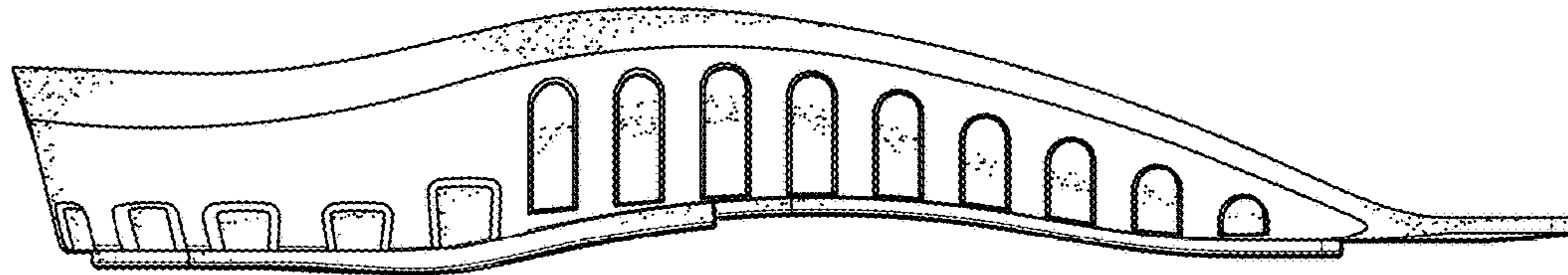


FIG. 11

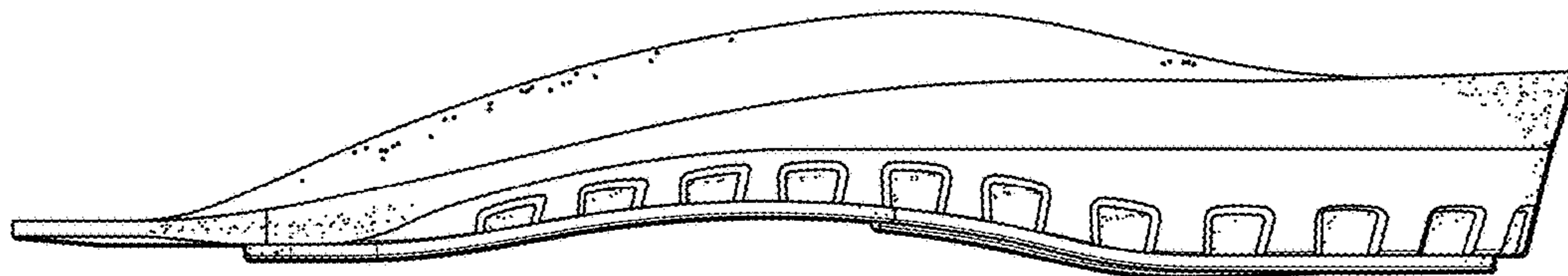


FIG. 12

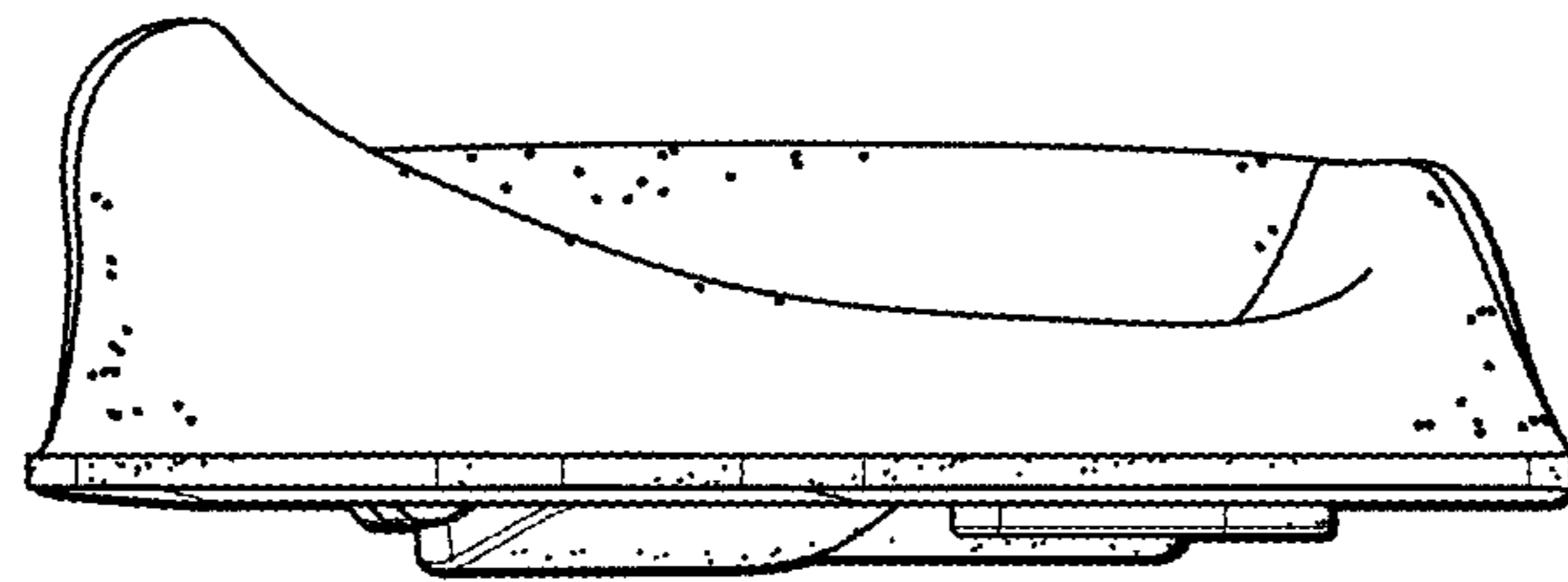


FIG. 13

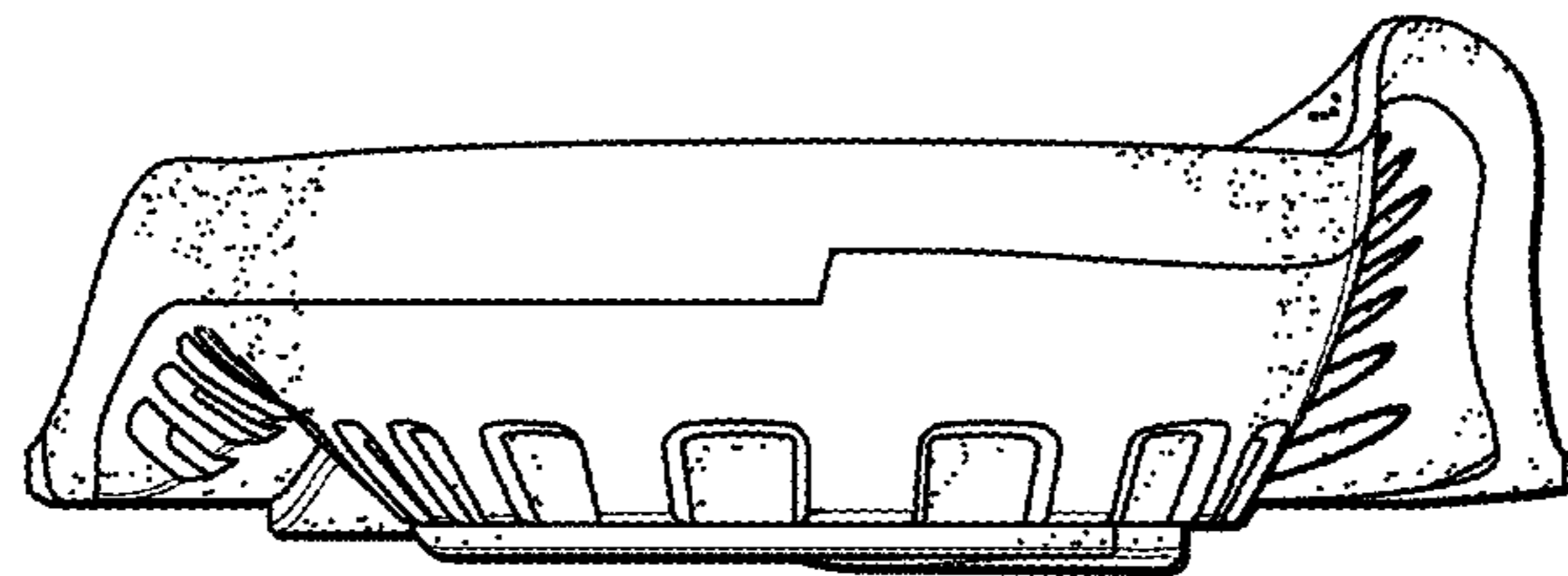


FIG. 14