

US00D978341S

(12) **United States Design Patent** (10) **Patent No.:** **US D978,341 S**
Roemisch et al. (45) **Date of Patent:** **** Feb. 14, 2023**

(54) **ABSORBENT ARTICLE WITH CHANNELED CORE**

FOREIGN PATENT DOCUMENTS

(71) Applicant: **Medline Industries, Inc.**, Northfield, IL (US)

WO 2020131961 A1 6/2020

(72) Inventors: **Derrick Roemisch**, Lindenhurst, IL (US); **Jacob Floski**, Lincolnshire, IL (US); **Morgan Uridil**, Cedar Rapids, IA (US); **Sohyun Sara Park**, Atlanta, GA (US); **Kristy Matus**, Grayslake, IL (US); **Kushal Basnet**, Bettendorf, IA (US)

OTHER PUBLICATIONS

Absorbent Articles having Improved Longitudinal Fluid Movement; United States Statutory Invention Registration No. USH1511H; Proctor and Gamble Co (Chappell); Dec. 5, 1995.

(73) Assignee: **Medline Industries, LP**, Northfield, IL (US)

(Continued)

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

Primary Examiner — Samantha Q Lawrence
(74) *Attorney, Agent, or Firm* — Gurr Brande & Spendlove, PLLC.; Robert Dan Spendlove

(21) Appl. No.: **29/795,294**

(57) **CLAIM**

The ornamental design for an absorbent article with channeled core, as shown and described.

(22) Filed: **Jun. 17, 2021**

DESCRIPTION

(51) **LOC (14) Cl.** **24-04**

(52) **U.S. Cl.**
USPC **D24/124**

(58) **Field of Classification Search**
USPC D24/124, 125, 126, 189, 190, 191, 192
CPC A61F 13/15; A61F 13/64; A61F 13/476;
A61F 13/5611; A61F 13/4704
See application file for complete search history.

FIG. 1 is a plan view of a top side of an absorbent article with channeled core;
FIG. 2 is a plan view of a bottom side the absorbent article with channeled core illustrated in FIG. 1;
FIG. 3 is an elevation view of a left side of the absorbent article with channeled core illustrated in FIG. 1, with the elevation view of a right side being a mirror image thereof;
FIG. 4 is an elevation view of a front end of the absorbent article with channeled core illustrated in FIG. 1; and
FIG. 5 is an elevation view of a back end of the absorbent article with channeled core illustrated in FIG. 1.
FIG. 6 is a perspective view of the top side of the absorbent article with channeled core illustrated in FIG. 1; and,
FIG. 7 is a perspective view of the bottom side of the absorbent article with channeled core illustrated in FIG. 2.
The broken lines shown in FIGS. 1-7 illustrate portions of the absorbent article with channeled core that form no part of the claimed design.

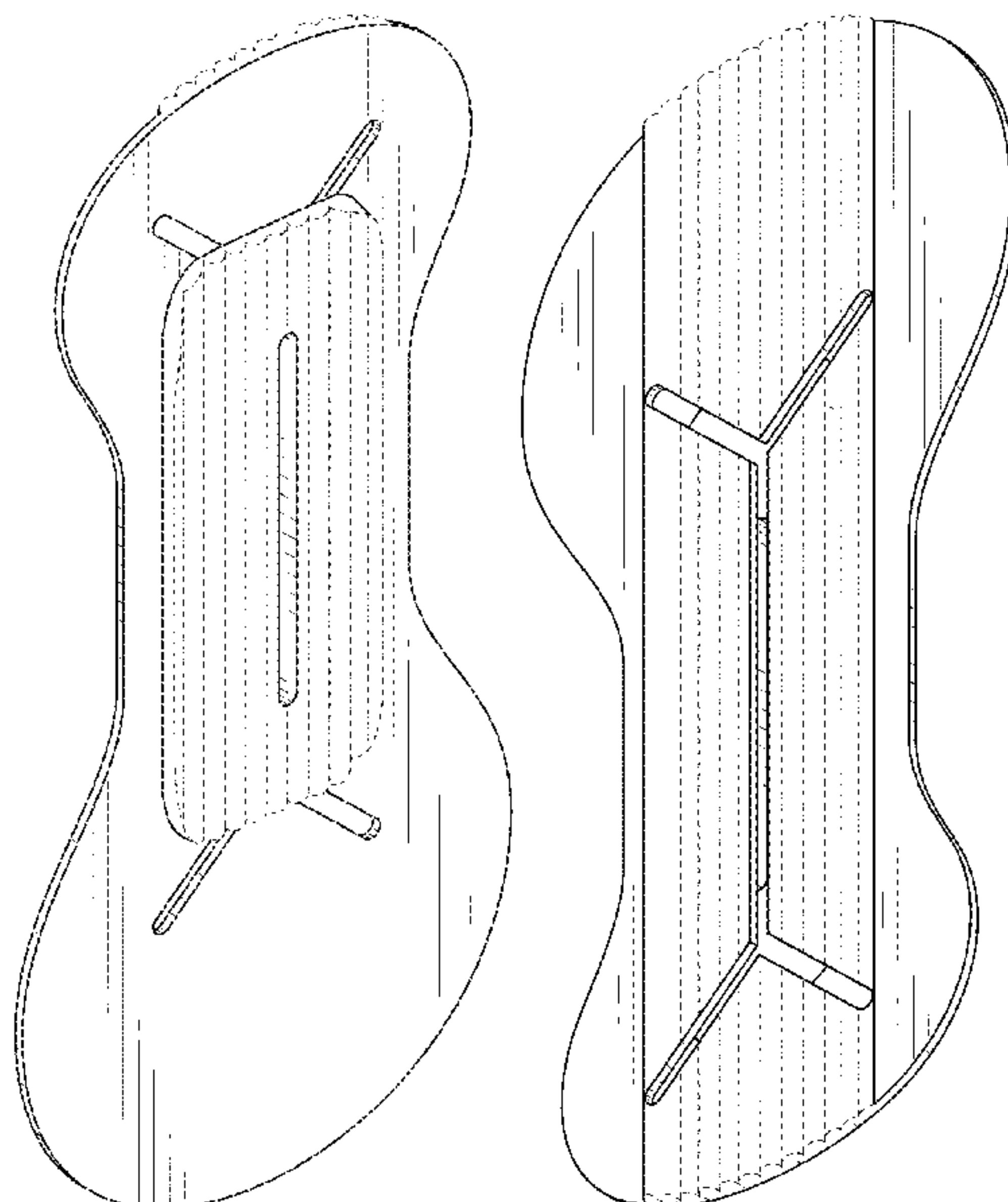
(56) **References Cited**

U.S. PATENT DOCUMENTS

3,592,194 A	7/1971	Duncan
3,889,679 A	6/1975	Taylor
4,678,464 A	7/1987	Holtman
4,988,345 A	1/1991	Reising
5,281,208 A	1/1994	Thompson et al.
5,514,120 A	5/1996	Johnston et al.
5,647,862 A	7/1997	Osborn et al.

(Continued)

1 Claim, 4 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

5,665,396 A 9/1997 Ulman
 6,160,197 A 12/2000 Lassen et al.
 6,521,811 B1 2/2003 Lassen et al.
 6,563,013 B1 5/2003 Murota
 D484,590 S * 12/2003 De Carvalho D24/125
 D484,974 S * 1/2004 De Carvalho D24/125
 6,673,982 B1 1/2004 Chen et al.
 D486,575 S * 2/2004 De Carvalho D24/125
 D486,576 S * 2/2004 De Carvalho D24/125
 6,802,834 B2 10/2004 Melius et al.
 7,001,167 B2 2/2006 Venturino et al.
 D568,990 S * 5/2008 Bissah D24/124
 D569,505 S * 5/2008 Bissah D24/124
 7,429,689 B2 9/2008 Chen et al.
 D589,608 S * 3/2009 Bissah D24/124
 D589,609 S * 3/2009 Bissah D24/124
 D590,060 S * 4/2009 Williams D24/125
 D608,443 S * 1/2010 Thompson D24/126
 D631,958 S * 2/2011 Marcelo D24/125
 D631,959 S * 2/2011 Marcelo D24/125
 D646,781 S * 10/2011 Forbes D24/125
 8,034,991 B2 10/2011 Bruzadin et al.
 D648,849 S * 11/2011 Houle D24/124
 8,178,747 B2 5/2012 Venturino et al.
 D716,938 S * 11/2014 Fitter D24/125
 8,975,466 B2 3/2015 Marcelo et al.
 8,979,815 B2 3/2015 Roe et al.
 8,998,871 B2 4/2015 Kuroda et al.
 9,044,359 B2 6/2015 Wciorka et al.
 D735,325 S * 7/2015 Hedbratt D24/125
 9,216,116 B2 12/2015 Roe et al.

9,216,118 B2 12/2015 Roe et al.
 9,532,910 B2 1/2017 Rosati et al.
 D783,812 S * 4/2017 Kreuzer D24/126
 9,713,557 B2 7/2017 Arizti et al.
 D796,031 S * 8/2017 Robles D24/124
 9,789,009 B2 10/2017 Joseph
 D809,653 S * 2/2018 Kremer D24/126
 9,974,699 B2 5/2018 Kreuzer et al.
 D829,324 S * 9/2018 Fitter D24/125
 D861,159 S * 9/2019 Koc D24/126
 D861,861 S * 10/2019 Kreuzer D24/126
 D879,955 S * 3/2020 Fitter D24/125
 D882,770 S * 4/2020 Glaug D24/124
 10,639,215 B2 5/2020 Roe et al.
 D917,044 S * 4/2021 Newman D24/124
 D922,570 S * 6/2021 Houmas D24/126
 D928,310 S * 8/2021 Chase D24/124
 D936,214 S * 11/2021 Smet D24/125
 2004/0018365 A1 1/2004 Krautkramer et al.
 2011/0152813 A1 6/2011 Ellingson
 2019/0201251 A1 7/2019 Rosati et al.
 2019/0290505 A1 9/2019 Varona et al.
 2020/0397631 A1 12/2020 Weber

OTHER PUBLICATIONS

International Search Report; International Application No. PCT/US2022/033873; Medline Industries, LP; dated Oct. 19, 2022.
 Written Opinion of the International Search Report; International Application No. PCT/US2022/033873; Medline Industries, LP; dated Oct. 19, 2022.

* cited by examiner

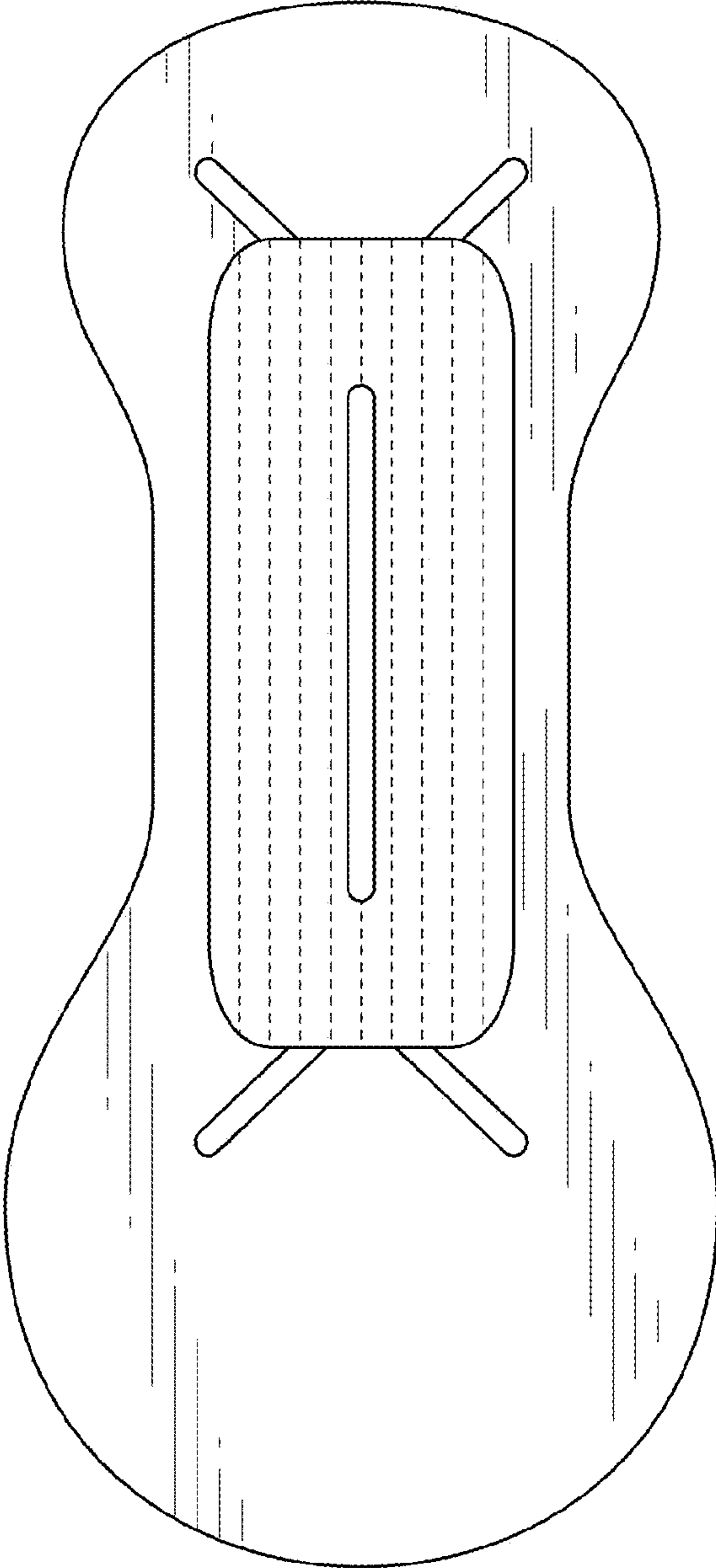


FIG. 1

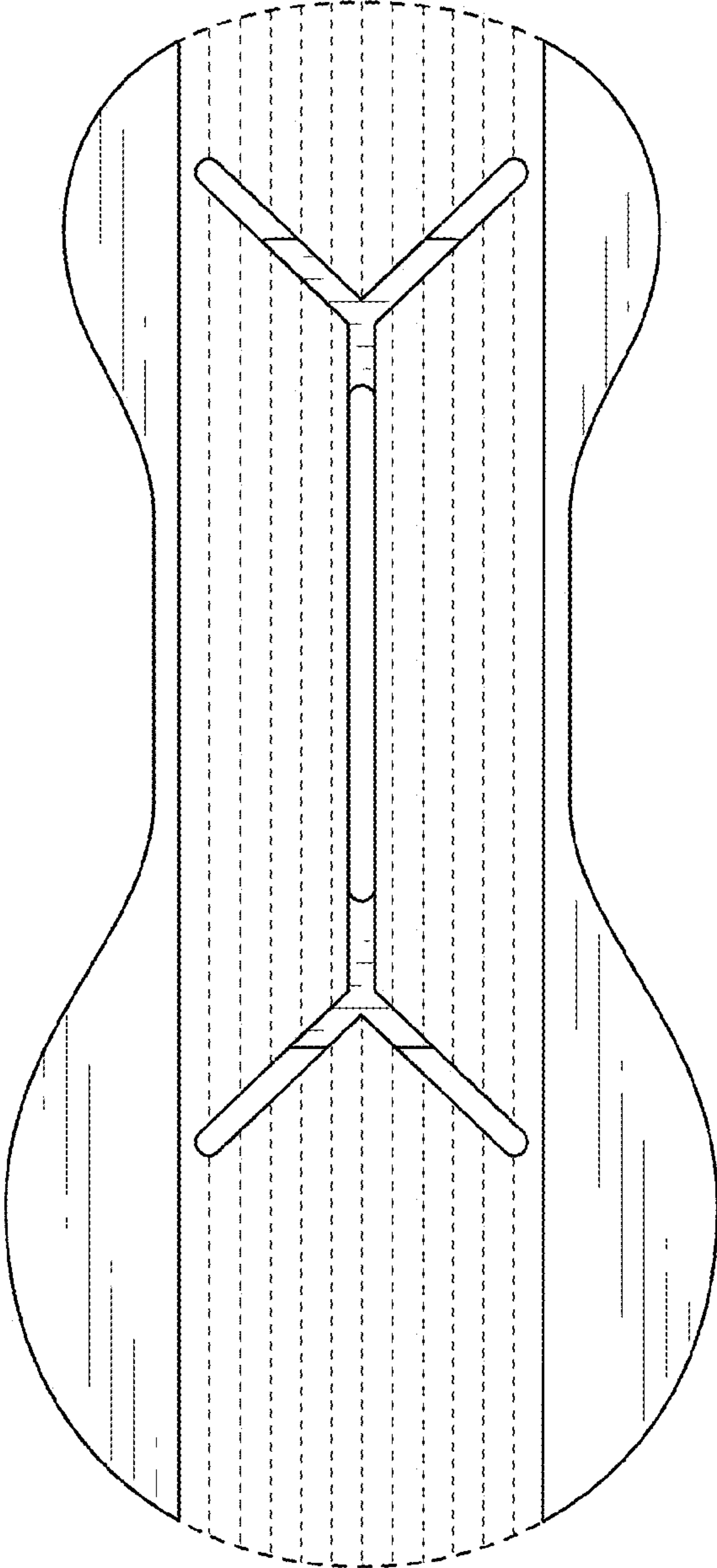


FIG. 2

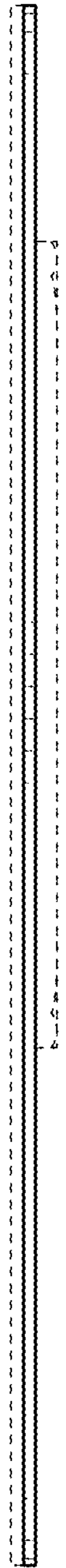


FIG. 3

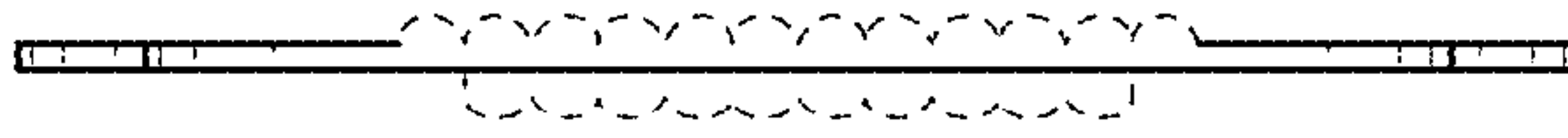


FIG. 4

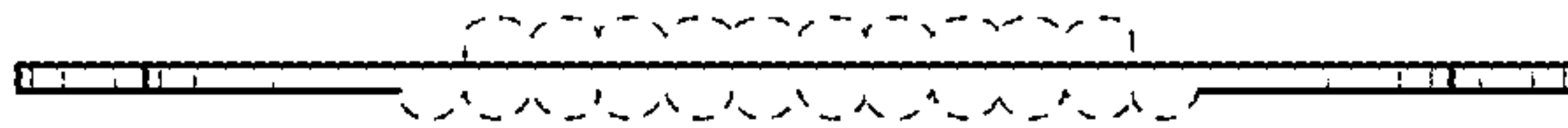


FIG. 5

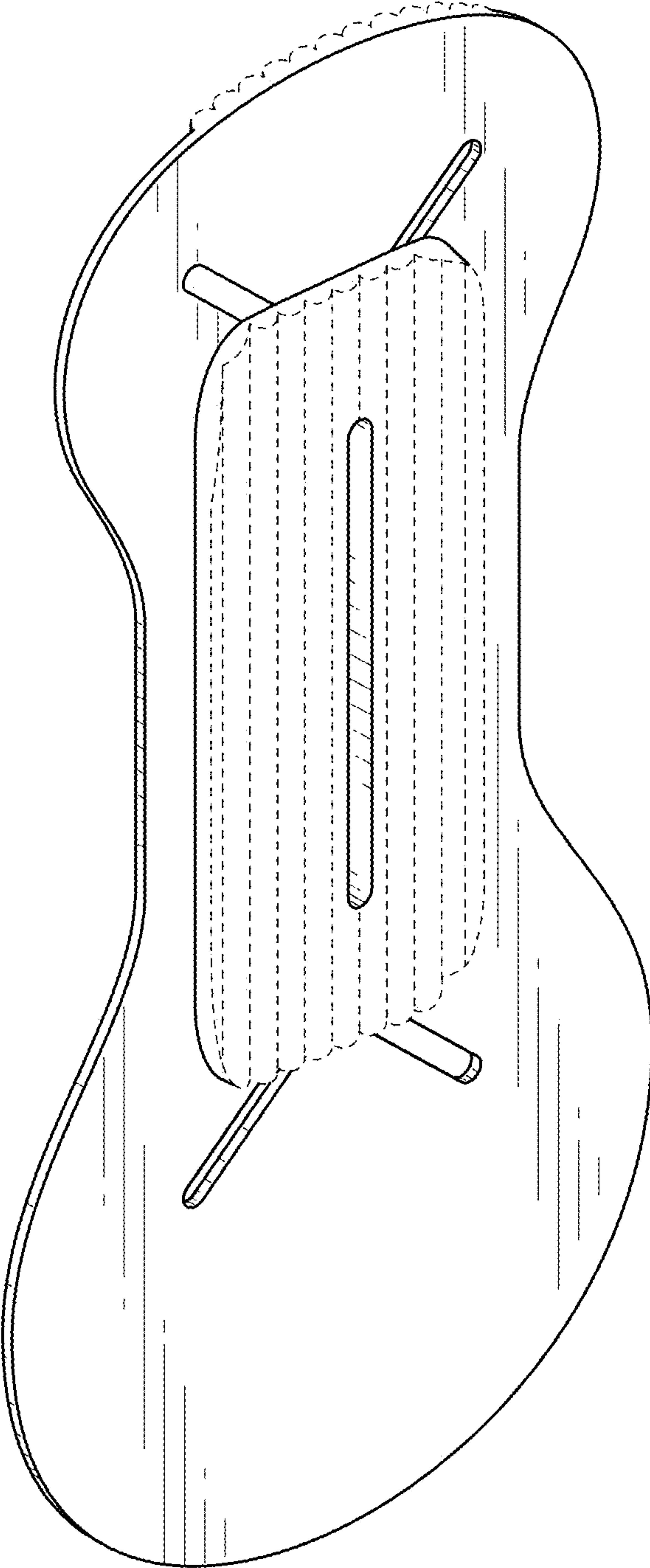


FIG. 6

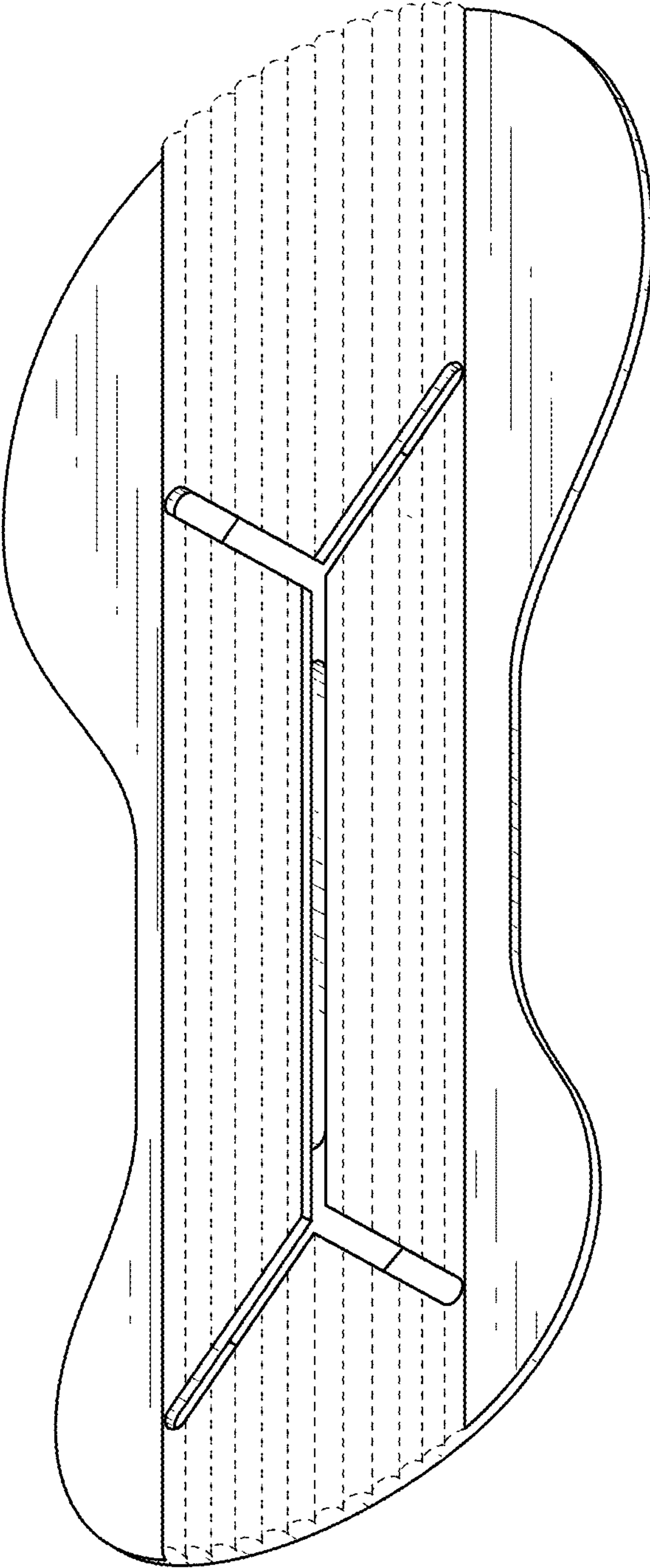


FIG. 7