



US00D772401S

(12) **United States Design Patent** (10) **Patent No.:** **US D772,401 S**
Lee et al. (45) **Date of Patent:** **** Nov. 22, 2016**

(54) **ABSORBENT ARTICLE**

(71) Applicant: **Kimberly-Clark Worldwide, Inc.**,
Neenah, WI (US)

(72) Inventors: **JuHyung Lee**, Yongin-si (KR); **SungSu Kim**, Yongin-si (KR); **Moonyoung Cho**, Yongin-si (KR); **SeoYeon Son**, Seongnam-si (KR); **HyungWoo Park**, Suwon-si (KR)

(73) Assignee: **Kimberly-Clark Worldwide, Inc.**,
Neenah, WI (US)

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

(21) Appl. No.: **29/528,625**

(22) Filed: **May 29, 2015**

(51) **LOC (10) Cl.** **24-04**

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

(58) **Field of Classification Search**
USPC D24/124-126; 604/347, 348, 358-361,
604/378, 380, 385.01, 385.201, 385.24,
604/385.25

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

4,357,939 A	11/1982	Roeder et al.	
4,701,178 A	10/1987	Glaug et al.	
4,900,320 A	2/1990	McCoy	
5,080,658 A	1/1992	Igaue et al.	
5,133,705 A	7/1992	Nakanishi et al.	
5,201,727 A	4/1993	Nakanishi et al.	
5,387,210 A	2/1995	Murakami	
5,514,104 A	5/1996	Cole et al.	
5,620,430 A	4/1997	Bamber	
5,713,884 A	2/1998	Osborn, III et al.	
5,766,389 A	6/1998	Brandon et al.	
5,772,650 A	6/1998	Mizutani	
5,807,365 A *	9/1998	Luceri A61F 13/4756 604/358

5,860,965 A	1/1999	Lavash et al.
5,932,039 A	8/1999	Popp et al.
5,951,536 A	9/1999	Osborn, III et al.
5,961,505 A	10/1999	Coe et al.

(Continued)

FOREIGN PATENT DOCUMENTS

EP	0 764 433 A1	3/1997
EP	0 923 921 A1	6/1999

(Continued)

OTHER PUBLICATIONS

Co-pending U.S. Appl. No. 29/528,635, filed May 29, 2015, by JuHyung Lee et al. for "Absorbent Article."

(Continued)

Primary Examiner — Garth Rademaker
Assistant Examiner — Samantha Q Lawrence
(74) *Attorney, Agent, or Firm* — Kimberly-Clark Worldwide, Inc.

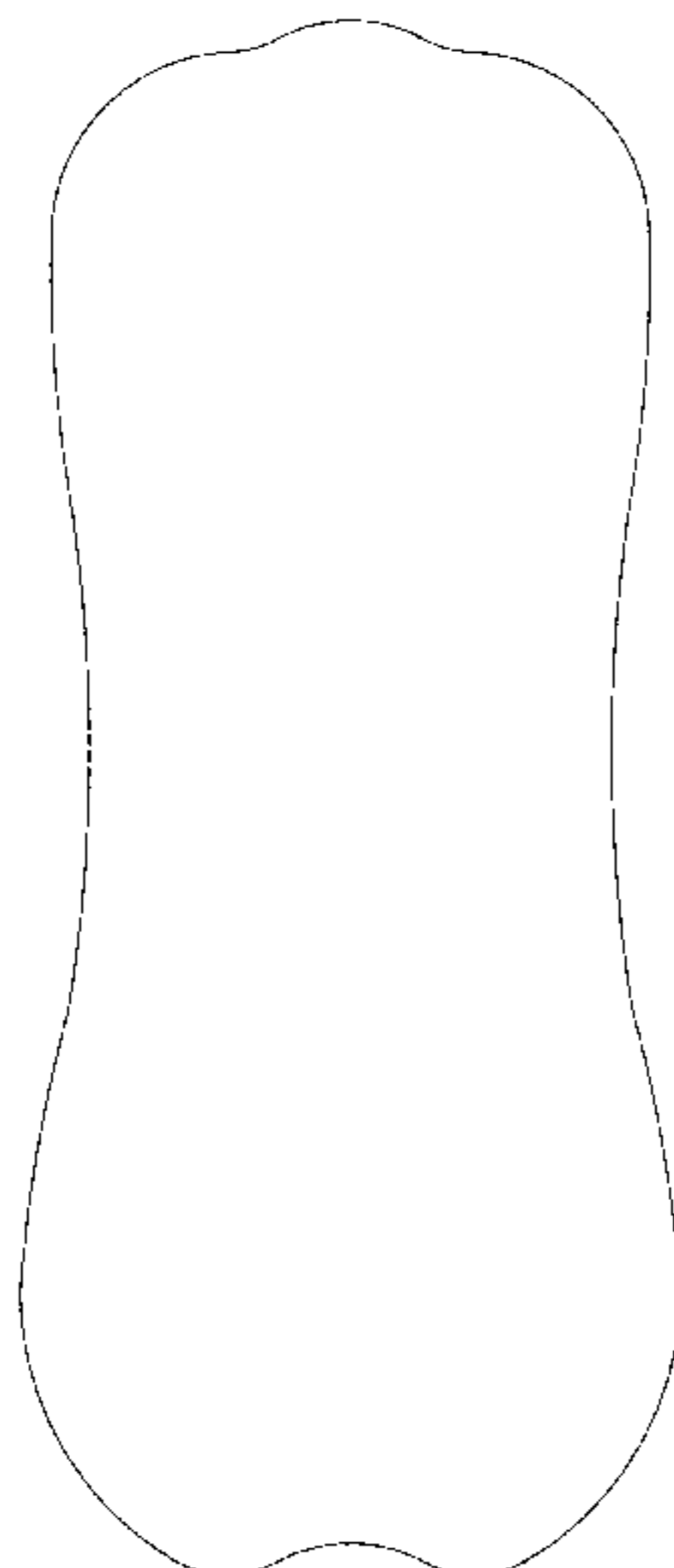
(57) **CLAIM**

We claim the ornamental design for an absorbent article, as shown and described.

DESCRIPTION

FIG. 1 is a top view of an absorbent article.
FIG. 2 is a first side view of the absorbent article of FIG. 1.
FIG. 3 is a back view of the absorbent article of FIG. 1.
FIG. 4 is a second side view of the absorbent article of FIG. 1.
FIG. 5 is a first end view of the absorbent article of FIG. 1; and,
FIG. 6 is a second end view of the absorbent article of FIG. 1.
The broken lines shown in FIGS. 2 and 4-6 illustrate portions of the absorbent article that form no part of the claimed design.

1 Claim, 2 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

6,013,066 A 1/2000 Samuelsson
 6,117,523 A 9/2000 Sugahara
 6,264,640 B1 7/2001 Sutton
 6,309,378 B1 10/2001 Costa
 6,394,990 B1 5/2002 Rosenfeld et al.
 6,398,770 B1* 6/2002 Drevik A61F 13/47218
 604/385.01
 6,436,080 B1 8/2002 Carlucci et al.
 6,461,339 B1 10/2002 Sugahara
 6,464,675 B2 10/2002 De Carvalho
 6,602,236 B1 8/2003 Mizutani et al.
 6,617,490 B1 9/2003 Chen et al.
 6,652,686 B1 11/2003 Coenen et al.
 6,659,991 B2 12/2003 Suekane
 D490,892 S* 6/2004 Schlueter D24/124
 6,749,594 B2 6/2004 Hansson et al.
 6,932,798 B2 8/2005 Kudo et al.
 D511,001 S* 10/2005 Christianson D24/125
 7,056,311 B2 6/2006 Kinoshita et al.
 7,078,583 B2 7/2006 Kudo et al.
 D542,409 S* 5/2007 Wannaborworn D24/125
 D592,743 S* 5/2009 Moennig D24/124
 D606,653 S* 12/2009 Hedbratt D24/125
 7,824,385 B2* 11/2010 Ecker A61F 13/475
 604/361
 8,048,049 B2 11/2011 Fujikawa et al.
 8,157,780 B2 4/2012 Lira et al.
 8,211,074 B2 7/2012 Ohba et al.
 8,251,965 B2 8/2012 Costea et al.
 8,293,966 B2 10/2012 Obele
 8,486,037 B2 7/2013 Konawa
 8,563,802 B2 10/2013 Nishikawa et al.
 8,575,419 B2* 11/2013 Di Virgilio A61F 13/15756
 604/380
 8,684,985 B2 4/2014 Odoi
 2002/0013563 A1 1/2002 Lassen et al.
 2002/0040215 A1 4/2002 Suzuki
 2003/0004484 A1 1/2003 Hammons et al.
 2003/0055392 A1 3/2003 Tagami et al.
 2004/0015145 A1 1/2004 Miura et al.
 2004/0133179 A1 7/2004 Steger et al.
 2005/0137556 A1 6/2005 Brisebois
 2005/0187531 A1 8/2005 Alcantara et al.
 2006/0025736 A1 2/2006 Berg, Jr. et al.
 2007/0100308 A1 5/2007 Miyairi

2007/0100313 A1* 5/2007 Luizzi A61F 13/474
 604/389
 2007/0250028 A1* 10/2007 Woltman A61F 13/4704
 604/385.02
 2009/0062761 A1 3/2009 Goerg-Wood et al.
 2010/0191210 A1 7/2010 Hayashi et al.
 2010/0298800 A1 11/2010 Berg, Jr. et al.
 2010/0305738 A1 12/2010 Debruler et al.
 2011/0264067 A1 10/2011 Rubio
 2012/0004633 A1 1/2012 Marcelo et al.
 2012/0136327 A1 5/2012 Jones
 2012/0215195 A1 8/2012 Lira et al.
 2012/0253305 A1 10/2012 Noel
 2012/0265162 A1 10/2012 Kuramochi
 2013/0110070 A1 5/2013 Nakaoka et al.
 2013/0123729 A1 5/2013 Minami et al.
 2015/0080831 A1 3/2015 Munakata et al.

FOREIGN PATENT DOCUMENTS

EP 0 689 821 B1 2/2000
 EP 1 208 823 A1 5/2002
 ES 2 217 982 A1 11/2004
 GB 2 244 653 B2 9/1994
 JP 3812812 B2 8/2006
 JP 4836639 B2 12/2011
 JP 5164390 B2 3/2013
 JP 5520630 B2 6/2014
 JP 5596516 B2 9/2014
 WO WO 93/01783 A1 2/1993
 WO WO 97/41818 A1 11/1997
 WO WO 98/55063 A1 12/1998
 WO WO 03/086257 A1 10/2003
 WO WO 2008/029558 A1 3/2008
 WO WO 2011/096483 A1 8/2011
 WO WO 2012/057332 A1 5/2012
 WO WO 2014/078247 A2 5/2014
 WO WO 2014/171861 A1 10/2014

OTHER PUBLICATIONS

Co-pending U.S. Appl. No. 29/528,639, filed May 29, 2015, by JuHyung Lee et al. for "Absorbent Article."
 Co-pending U.S. Appl. No. 29/528,643, filed May 29, 2015, by Heidi Bauerlein Hopkins et al. for "Absorbent Article."
 Co-pending U.S. Appl. No. 29/528,649, filed May 29, 2015, by Heidi Bauerlein Hopkins et al. for "Absorbent Article."

* cited by examiner

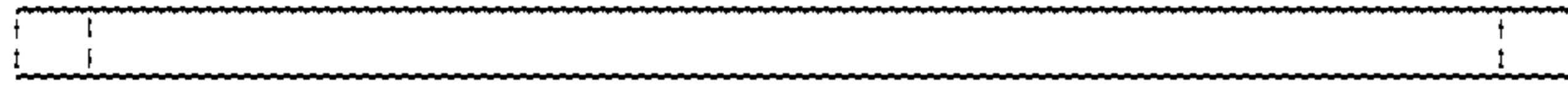


FIG. 5

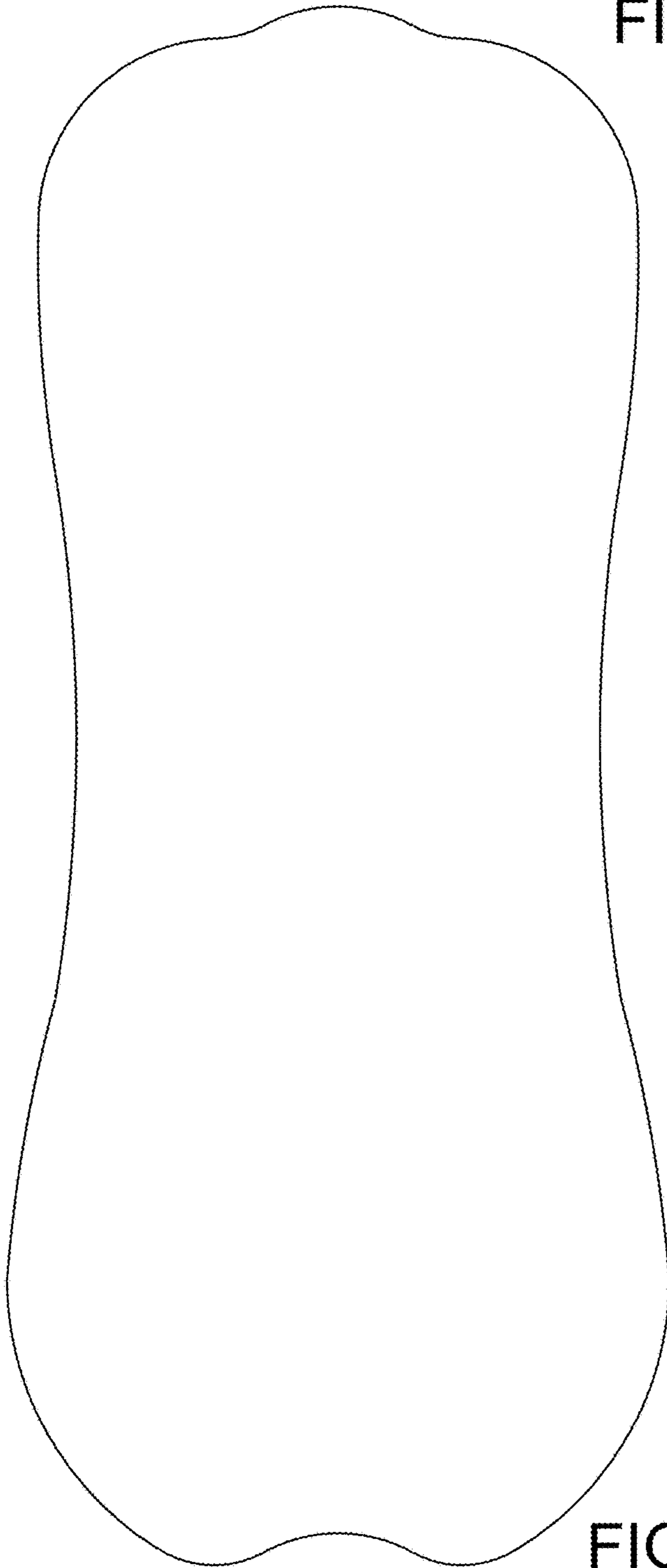


FIG. 1



FIG. 2

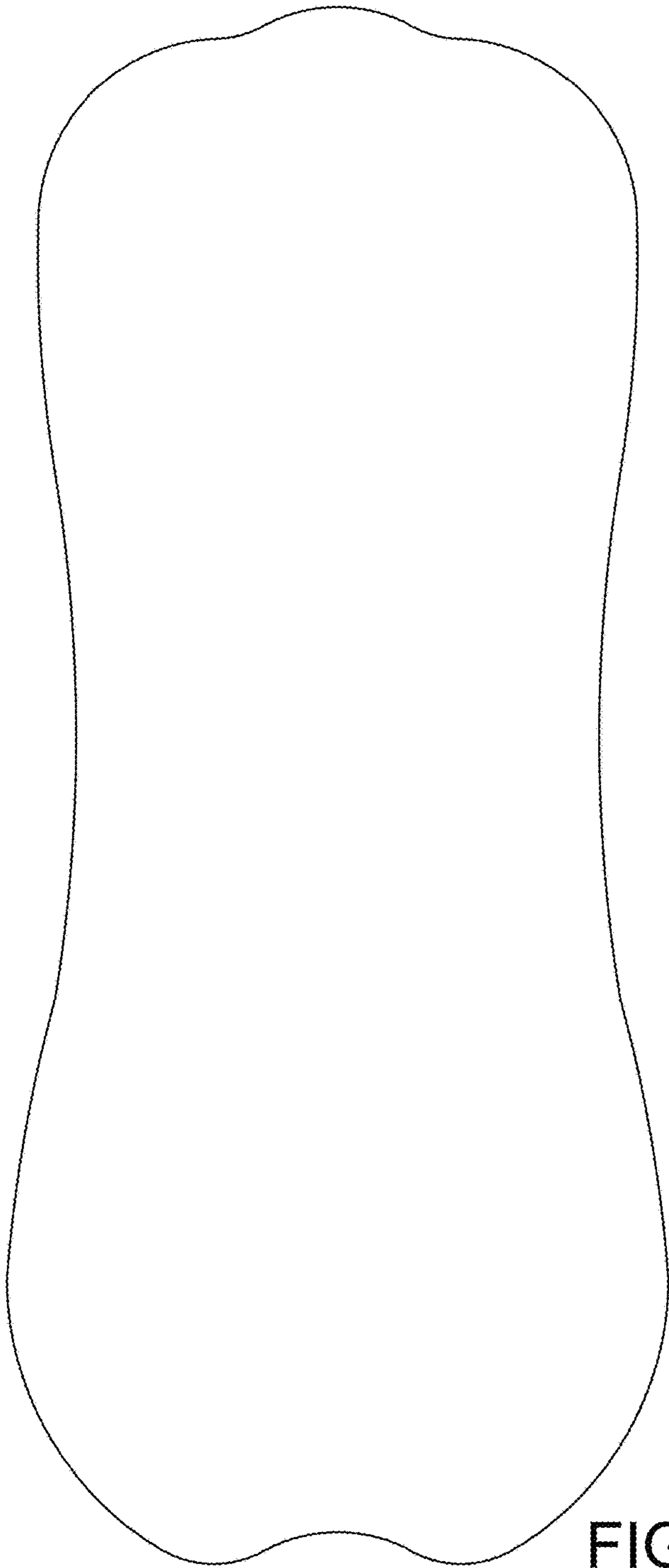


FIG. 3



FIG. 4

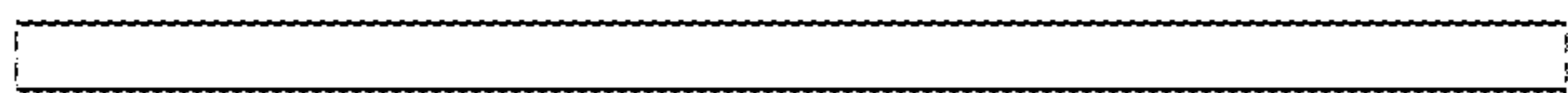


FIG. 6