



US00D865162S

(12) **United States Design Patent** (10) **Patent No.:** **US D865,162 S**  
**Yamada** (45) **Date of Patent:** **\*\* Oct. 29, 2019**

(54) **DISPOSABLE PANTS**

(71) Applicant: **Kikuo Yamada**, Shinagawa-ku (JP)

(72) Inventor: **Kikuo Yamada**, Shinagawa-ku (JP)

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

(21) Appl. No.: **29/622,642**

(22) Filed: **Oct. 18, 2017**

(30) **Foreign Application Priority Data**

Apr. 18, 2017 (JP) ..... 2017-008266

(51) **LOC (12) Cl.** ..... **24-04**

(52) **U.S. Cl.**  
USPC ..... **D24/126; D2/712**

(58) **Field of Classification Search**  
USPC ..... D24/124, 126; D2/711-713, 738  
(Continued)

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D1,618 S 8/1862 Ney  
D61,401 S 8/1922 Shapiro  
(Continued)

**FOREIGN PATENT DOCUMENTS**

CA 2292168 A1 6/2000  
CA 2237553 C 7/2002  
(Continued)

**OTHER PUBLICATIONS**

HC2501876000, "Diapers," Jan. 22, 2014, Koyo Co., Ltd.(with computer generated English language translation).  
(Continued)

*Primary Examiner* — Catherine R Oliver-Garcia  
*Assistant Examiner* — J. Thorn, Sr.

(74) *Attorney, Agent, or Firm* — Oblon, McClelland, Maier & Neustadt, L.L.P.

(57) **CLAIM**

The ornamental design for disposable pants, as shown and described.

**DESCRIPTION**

FIG. 1 is a front elevational view of disposable pants according to a first embodiment of my new design, shown in a nonuse state;

FIG. 2 is a rear elevational view thereof in the nonuse state; FIG. 3 is a right side elevational view thereof in the nonuse state;

FIG. 4 is a left side elevational view thereof in the nonuse state;

FIG. 5 is a top plan view thereof in the nonuse state; FIG. 6 is a bottom plan view thereof in the nonuse state;

FIG. 7 is a front perspective view thereof in the nonuse state; FIG. 8 is the view of FIG. 1 with indicia identifying a sectional area for enlargement;

FIG. 9 is an enlarged view corresponding to lines 9-9 of FIG. 8;

FIG. 10 is a top, front perspective view thereof, shown in an expanded state;

FIG. 11 is a bottom, rear perspective view thereof in the expanded state;

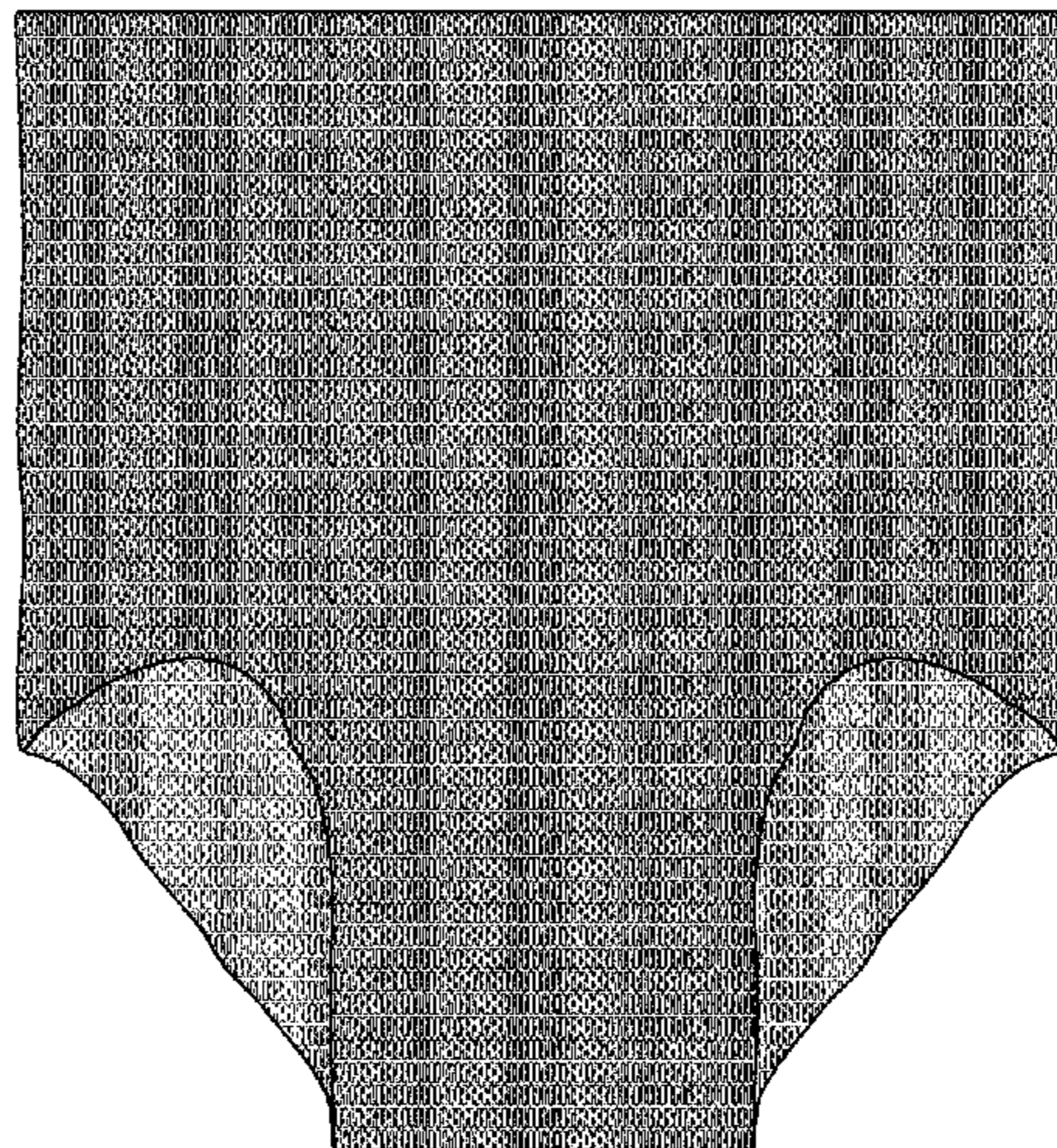
FIG. 12 is a front perspective view thereof, shown in a use state;

FIG. 13 is a rear perspective view thereof in the use state; FIG. 14 is a bottom plan view thereof in the expanded state; and,

FIG. 15 is a top plan view of disposable pants according to a second embodiment, shown in the expanded state. The front, rear, right-side, left-side and bottom plan view are the same as the first embodiment, with the exception of the optional pad.

The broken lines in the drawings depict unclaimed subject matter that forms no part of the claimed design.

**1 Claim, 7 Drawing Sheets**





(58) **Field of Classification Search**  
 CPC ..... A41D 1/062; A41D 1/065; A41D 1/067;  
 A41D 1/08; A41D 7/00; A41D 7/005;  
 A41B 9/02; A61F 13/49011  
 See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D90,324	S	7/1933	Laneres	
D90,786	S	9/1933	Springthorpe	
D104,779	S	6/1937	Heim	
D104,811	S	6/1937	Ross	
D111,292	S	9/1938	Philips	
2,328,953	A *	9/1943	Chatfield	A41B 9/02 602/67
D144,633	S	5/1946	Saftlas	
D154,618	S	7/1949	Martiin	
D154,695	S	8/1949	Mitschke	
D166,363	S	4/1952	Froidh et al.	
D180,628	S	7/1957	Thomson	
2,866,459	A	12/1958	Sobelson	
3,020,556	A	2/1962	Isley	
3,083,710	A	4/1963	Rausser	
3,489,148	A	1/1970	Duncan	
D218,666	S	9/1970	Willoughby	
D235,937	S	7/1975	Froid et al.	
D257,884	S	1/1981	Ternstrom	
D266,591	S *	10/1982	Ryan	D24/126
D269,907	S	7/1983	Tong	
D275,619	S	9/1984	Birring	
D281,540	S	12/1985	Ternstrom	
D284,036	S	6/1986	Birring	
4,981,480	A	1/1991	Gaudet	
D315,050	S	3/1991	Bush	
D315,630	S	3/1991	Larsen	
5,172,430	A	12/1992	Lerma-Solis	
D339,633	S	9/1993	Porter	
D348,102	S	6/1994	Gegelys	
D360,516	S	7/1995	Persinger	
D380,904	S	7/1997	Schebler	
D399,636	S	10/1998	Muller	
5,820,616	A	10/1998	Horney	
D409,841	S	5/1999	Trombetta et al.	
5,916,206	A	6/1999	Otsubo	
D412,610	S	8/1999	Fujii	
D414,262	S	9/1999	Ashton	
6,049,916	A	4/2000	Rajala	
6,240,569	B1	6/2001	Van Gompel	
6,423,042	B1	7/2002	Sasaki	
6,450,996	B1	9/2002	Otsubo	
6,478,785	B1	11/2002	Ashton	
D468,427	S	1/2003	Carr	
6,605,071	B1	8/2003	Gray	
D491,659	S	6/2004	Otsubo	
D491,660	S	6/2004	Otsubo	
D492,410	S	6/2004	Otsubo	
D497,991	S	11/2004	Otsubo	
D509,946	S	9/2005	Oya	
D514,223	S	1/2006	Hermansson	
D520,135	S	5/2006	Otsubo	
D522,653	S	6/2006	Otsubo	
7,094,227	B2	8/2006	Ishiguro	
7,255,688	B2	8/2007	Sasaki	
D574,489	S	8/2008	Kawakami	
D583,050	S	12/2008	Scott Alston	
D583,935	S	12/2008	Sasayama	
D583,936	S	12/2008	Sasayama	
D618,344	S	6/2010	Willhaus	
D621,032	S	8/2010	Nakaoka	
D621,033	S	8/2010	Nakaoka	
D621,034	S	8/2010	Nakaoka	
D624,178	S	9/2010	Bogren et al.	
D629,890	S *	12/2010	Hedbratt	D24/126
D631,540	S	1/2011	Venable	
8,057,456	B2	11/2011	Shirai	
8,286,793	B2	10/2012	Kondo	

D679,390	S	4/2013	Hedbratt	
D682,420	S	5/2013	Abram et al.	
D683,519	S *	6/2013	Denning	D2/712
D693,464	S	11/2013	Neely	
8,652,113	B2	2/2014	Gabrielli	
8,986,272	B2	3/2015	Loyd	
9,192,525	B2	11/2015	Oku	
9,211,218	B2	12/2015	Rinnert	
9,216,116	B2	12/2015	Roe	
D747,844	S	1/2016	Dawson	
D760,892	S	7/2016	Hedbratt	
D762,849	S	8/2016	Davenport	
D772,581	S	11/2016	Zhang	
D782,156	S	3/2017	Shoemaker	
D782,663	S	3/2017	Morimoto	
9,610,202	B2	4/2017	Rezai	
D800,300	S *	10/2017	Yamada	D24/126
D805,191	S *	12/2017	Yamada	D24/126
D805,635	S *	12/2017	Yamada	D24/126
D806,867	S *	1/2018	Yamada	D24/126
D834,785	S *	12/2018	Yamada	D2/712
2001/0011168	A1	8/2001	Shimada	
2001/0034510	A1	10/2001	Shinkai	
2003/0088226	A1	5/2003	Takagi	
2004/0078020	A1	4/2004	Kawata	
2004/0138638	A1	7/2004	Mishima	
2005/0148988	A1	7/2005	Kinoshita	
2005/0256473	A1	11/2005	Feldkamp	
2006/0095012	A1	5/2006	Cohe	
2006/0161131	A1	7/2006	Kurata	
2006/0217676	A1	9/2006	LaVon	
2007/0043331	A1	2/2007	Haruki	
2008/0183147	A1	7/2008	Kline	
2008/0221543	A1	9/2008	Wilkes	
2008/0312626	A1	12/2008	Koyama	
2009/0088718	A1	4/2009	Toyoshima	
2009/0182298	A1	7/2009	Kumasaka	
2009/0204089	A1	8/2009	Caldwell	
2010/0069871	A1	3/2010	Minato	
2010/0087794	A1	4/2010	Labit	
2010/0179503	A1	7/2010	Roe	
2010/0249738	A1	9/2010	Tondkar	
2013/0184669	A1	7/2013	Mishima	
2013/0289509	A1	10/2013	Mukai	
2013/0289513	A1	10/2013	Takino	
2013/0338623	A1	12/2013	Kinoshita	
2014/0257231	A1	9/2014	Wang	
2014/0274644	A1	9/2014	Thorson	
2014/0358107	A1	12/2014	Bader	
2015/0320619	A1	11/2015	Seitz	
2015/0320621	A1	11/2015	Seitz	
2015/0320622	A1	11/2015	Seitz	
2016/0193090	A1	7/2016	Squitieri	
2016/0206482	A1	7/2016	Nishikawa	
2016/0347030	A1 *	12/2016	Yamada	B32B 5/06

FOREIGN PATENT DOCUMENTS

CA	2292168	C	1/2003
CA	2379473	C	1/2006
CA	2749626	A1	7/2010
CA	2578387	C	12/2012
CA	2846632	A1	3/2013
EP	1310224	A3	8/2004
EP	1946733	A1	7/2008
FR	2808692	A1	11/2001
FR	2973651	A3	10/2012
JP	674007	S	3/1986
JP	7-28903	U	5/1995
JP	09135863	A	5/1997
JP	1203497	S	4/2004
JP	2005095510	A	4/2005
JP	1316745	S	12/2007
JP	1317132	S	12/2007
JP	2011056029	A	3/2011
JP	2011200725	A	10/2011
JP	1556693	S	8/2016
JP	1557401	S	8/2016
KR	100776885	B1	11/2007

(56)

**References Cited**

## FOREIGN PATENT DOCUMENTS

KR	100779050	B1	11/2007
WO	WO 9510992	A1	4/1995
WO	WO 9716147	A1	5/1997
WO	WO 9719660	A1	6/1997
WO	WO 0224136	A1	3/2002
WO	WO 2005027783	A3	3/2005
WO	WO 2005077310	A1	8/2005
WO	WO 2010083260	A1	7/2010
WO	WO 2010083287	A1	7/2010
WO	WO 2010083394	A1	7/2010
WO	WO 2012040443	A2	3/2012

## OTHER PUBLICATIONS

Depend FIT-FLET Incontinence Underwear for Men, posted at Amazon.com, posted on Mar. 22, 2013, [online], [site visited Jan. 4, 2017]. Available from Internet, <URL: <https://www.amazon.com/Depend-FIT-FLEX-Incontinence-Underwear-Absorbency/dp/8004M3CPDG>>.

Capezio Women's Low-Rise 8oyshort, posted at Amazon.com, posted on Aug. 5, 2009, [on line], [site visited Jan. 4, 2017]. Available from Internet, <URL: <https://www.amazon.com/Capezio-Womens-Short-81ack-Small/dp/8002KI8LI0>>.

Attends Super Plus Underwear, posted at Overstock.com, posted on Sep. 21, 2013, [on line], [site visited Jan. 4, 2017]. Available from Internet, <URL: [https://www.overstock.com/Health-8eauty/Attends-Super-Plus-Underwear-Case-of-72/2582280/product.html?refc-cid=DLF35\\_FUJ\\_ITTZYCSACYEY515TY\\_A&search\\_idx=2#reviews](https://www.overstock.com/Health-8eauty/Attends-Super-Plus-Underwear-Case-of-72/2582280/product.html?refc-cid=DLF35_FUJ_ITTZYCSACYEY515TY_A&search_idx=2#reviews)>.

Prevail Underwear for Women Maximum Absorbency for Day and Night, posted at Amazon.com, posted on Jun. 15, 2015, [online], [site visited Jan. 4, 2017]. Available from Internet, <URL: [https://www.amazon.com/Prevail-Underwear-Maximum-Absorbency-Lavender/dp/800S\\_IN\\_I\\_QOM](https://www.amazon.com/Prevail-Underwear-Maximum-Absorbency-Lavender/dp/800S_IN_I_QOM)>.

[http://www.hasoltd.com/product/hasocare\\_list/](http://www.hasoltd.com/product/hasocare_list/) (published Oct. 25, 2016).

<http://jp.hasoltd.com/> (published Dec. 28, 2016).

<https://www.youtube.com/watch?v=5J4QgTj1mVg> (published Jan. 11, 2017).

<http://www.hasoltd.com/product/hasocare> (published Sep. 13, 2017).

\* cited by examiner



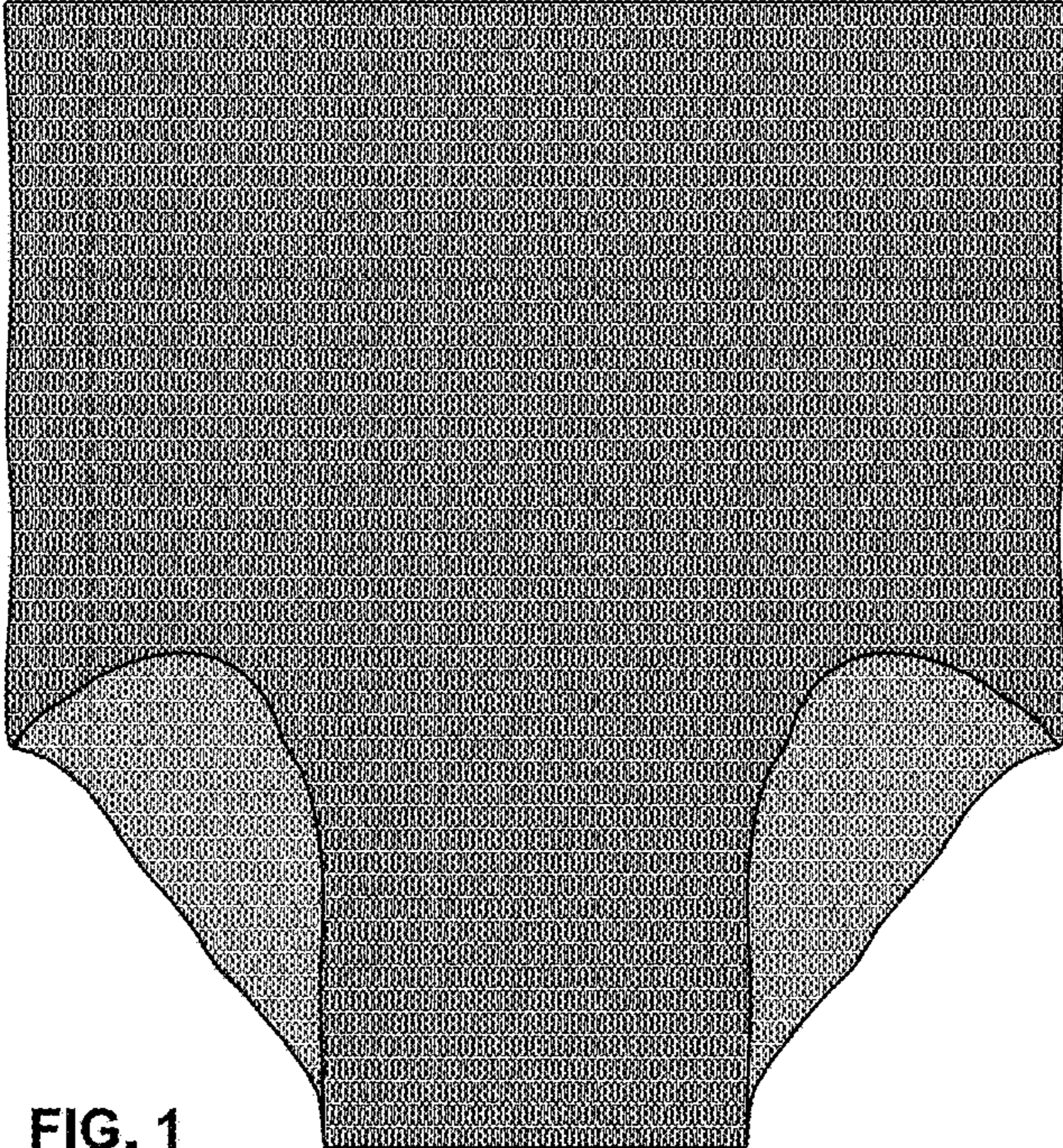


FIG. 1

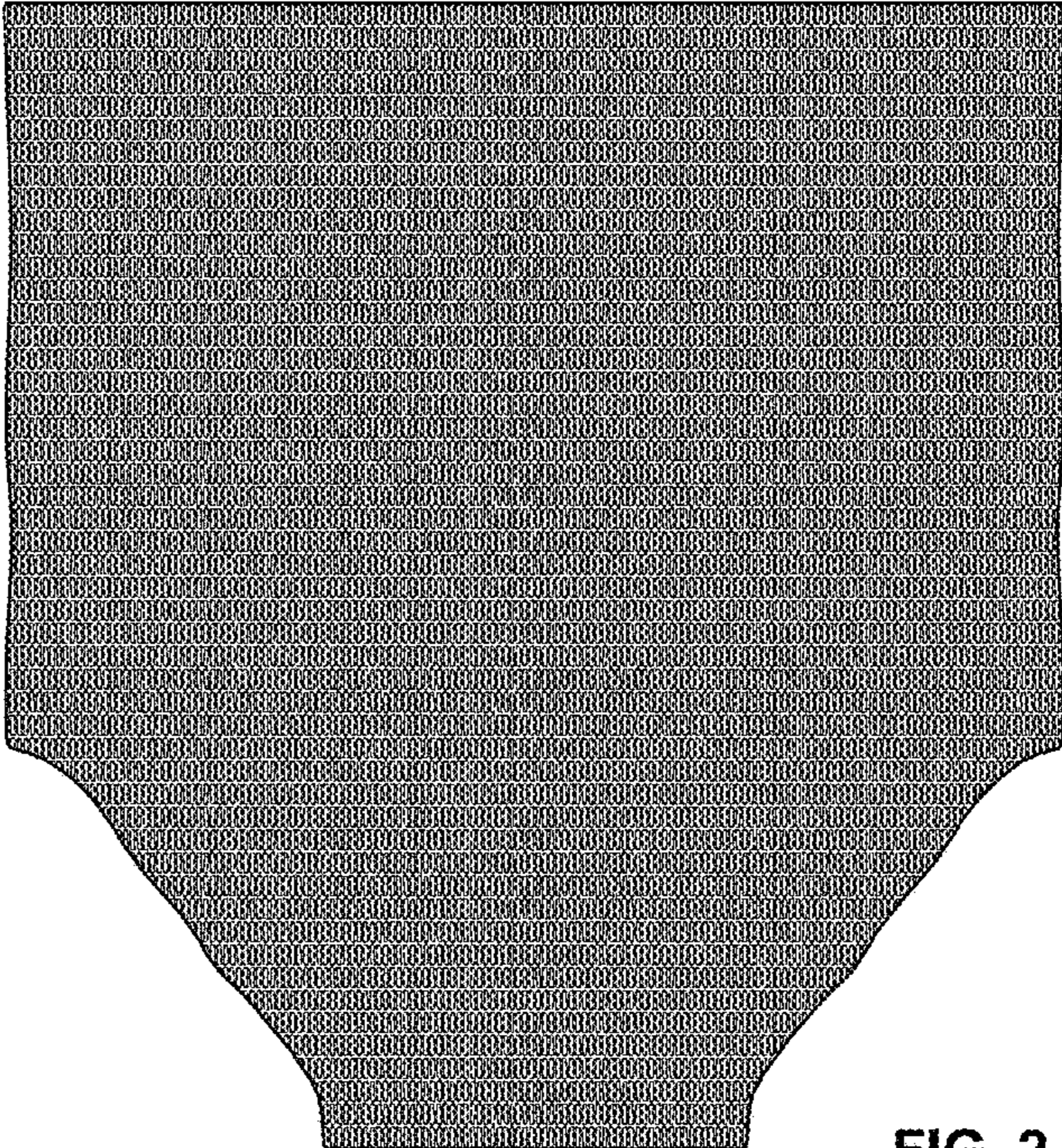


FIG. 2





FIG. 3



FIG. 4



FIG. 5



FIG. 6

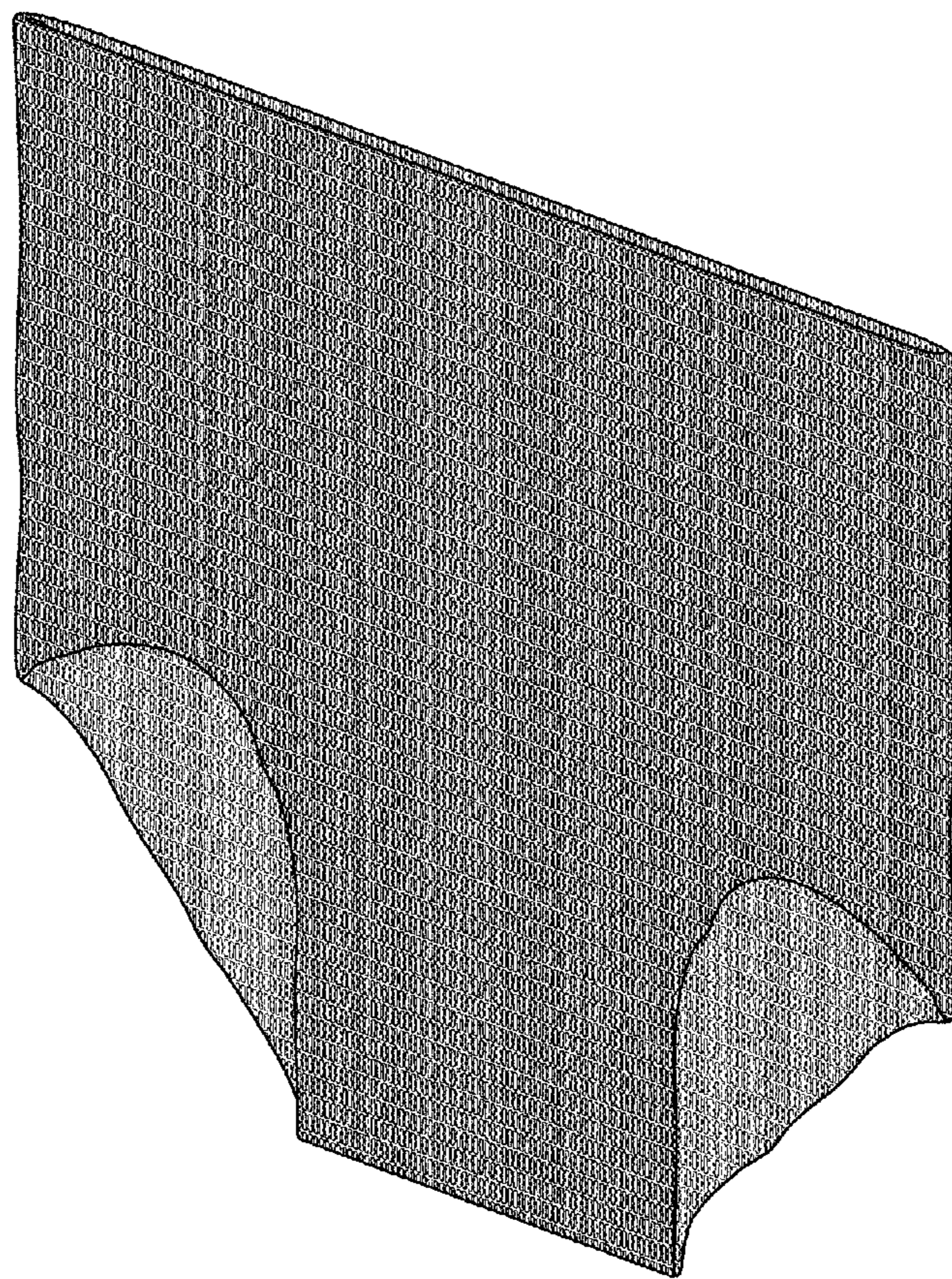


FIG. 7



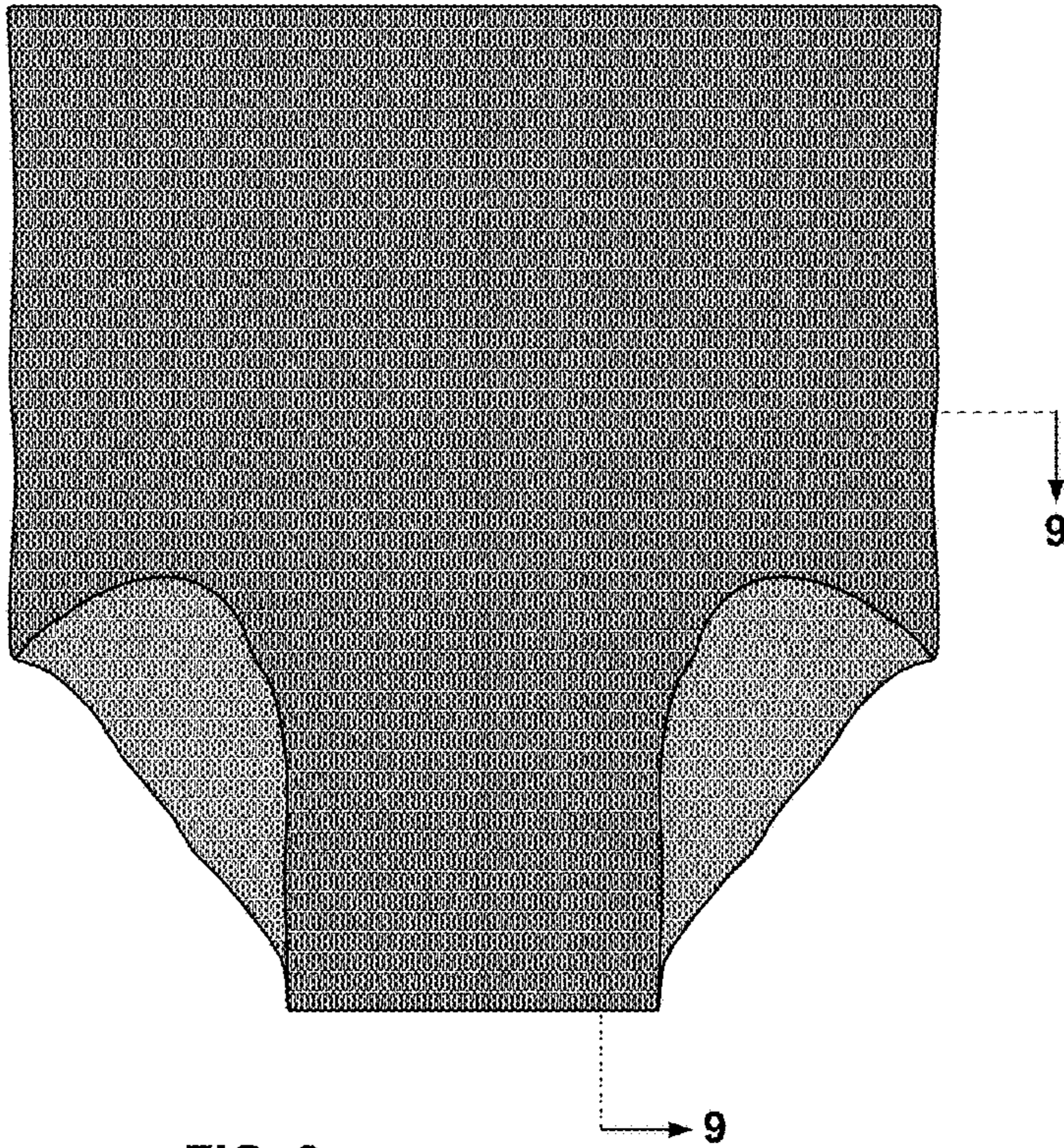


FIG. 8

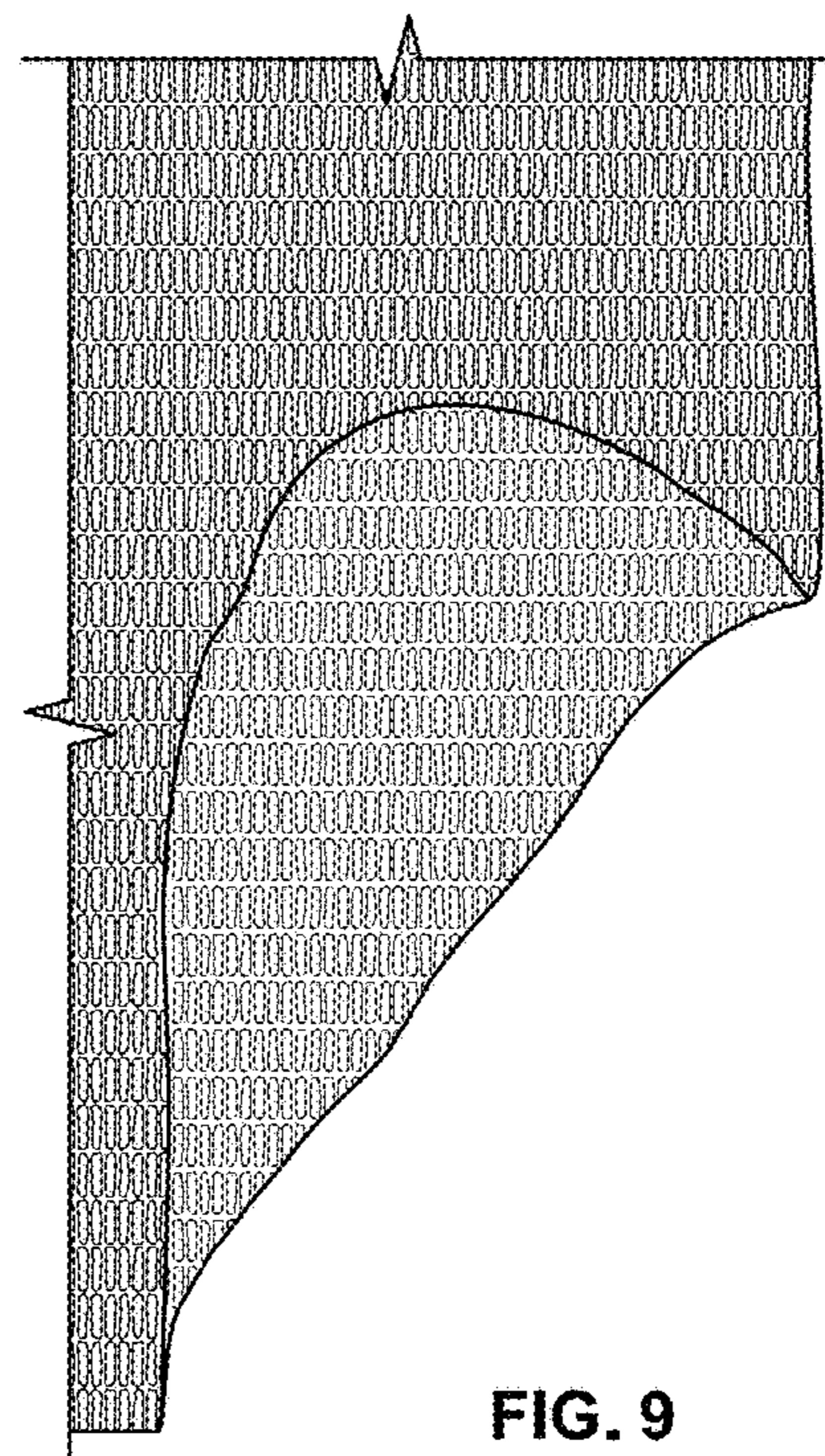


FIG. 9



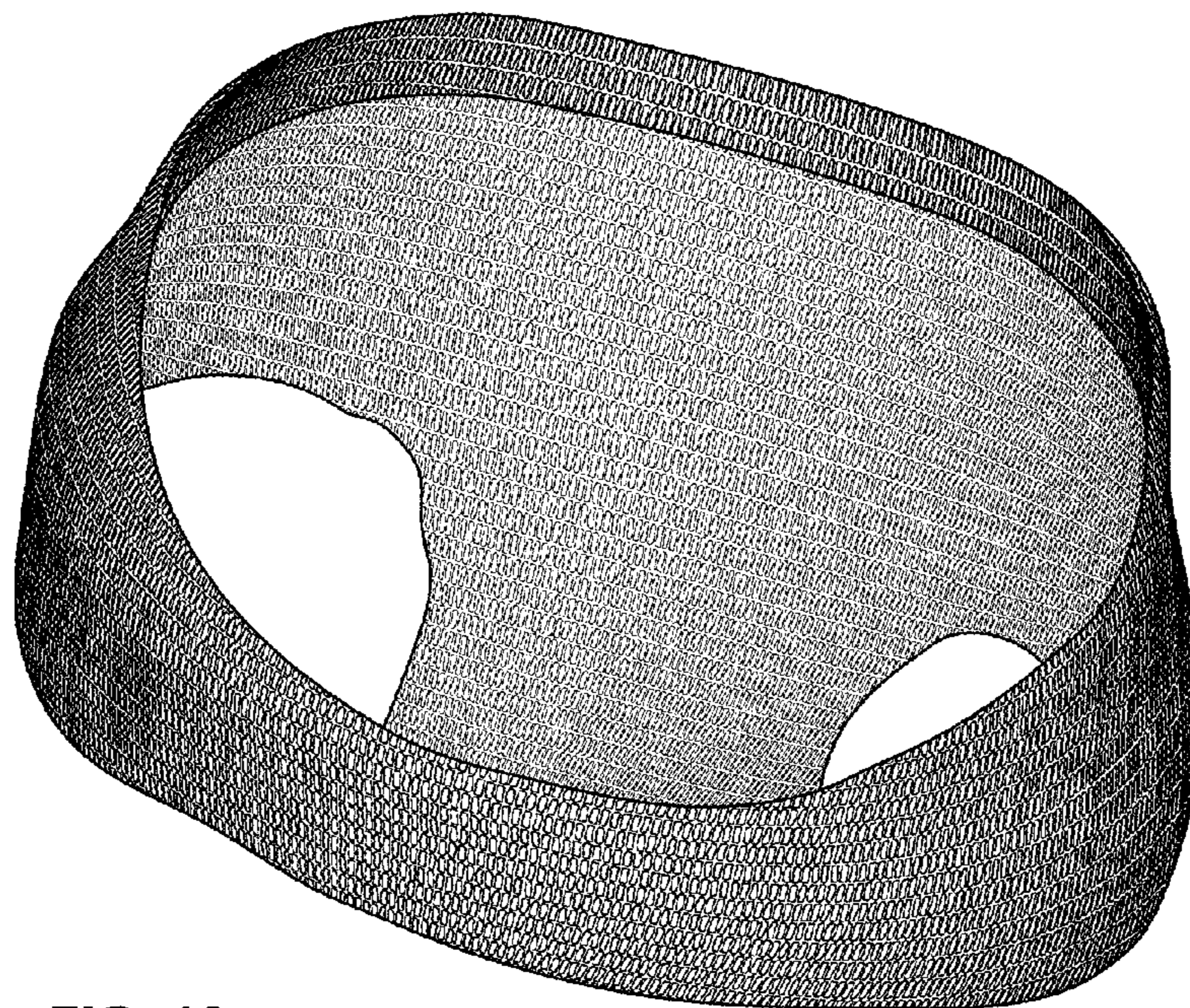


FIG. 10

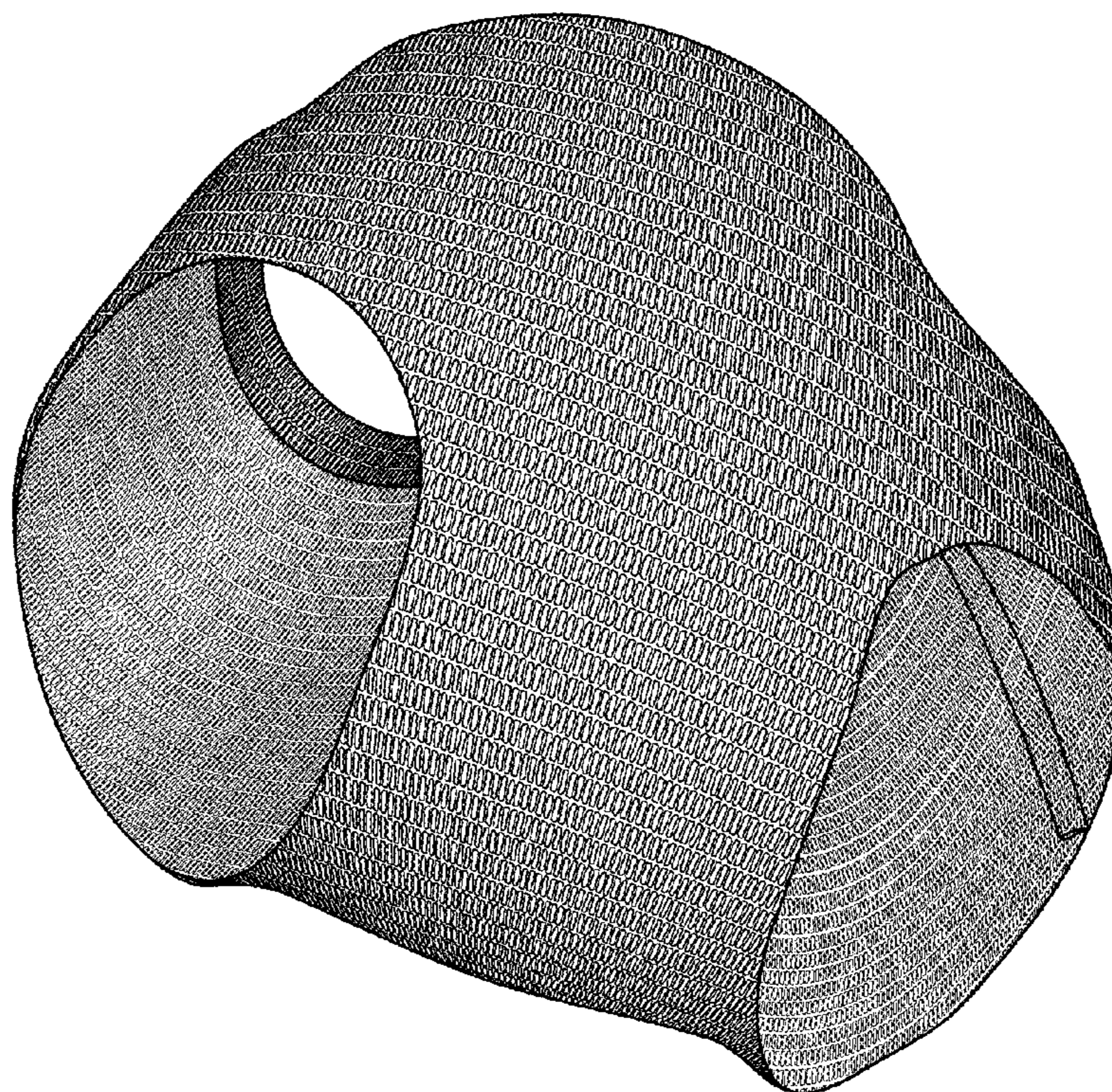


FIG. 11



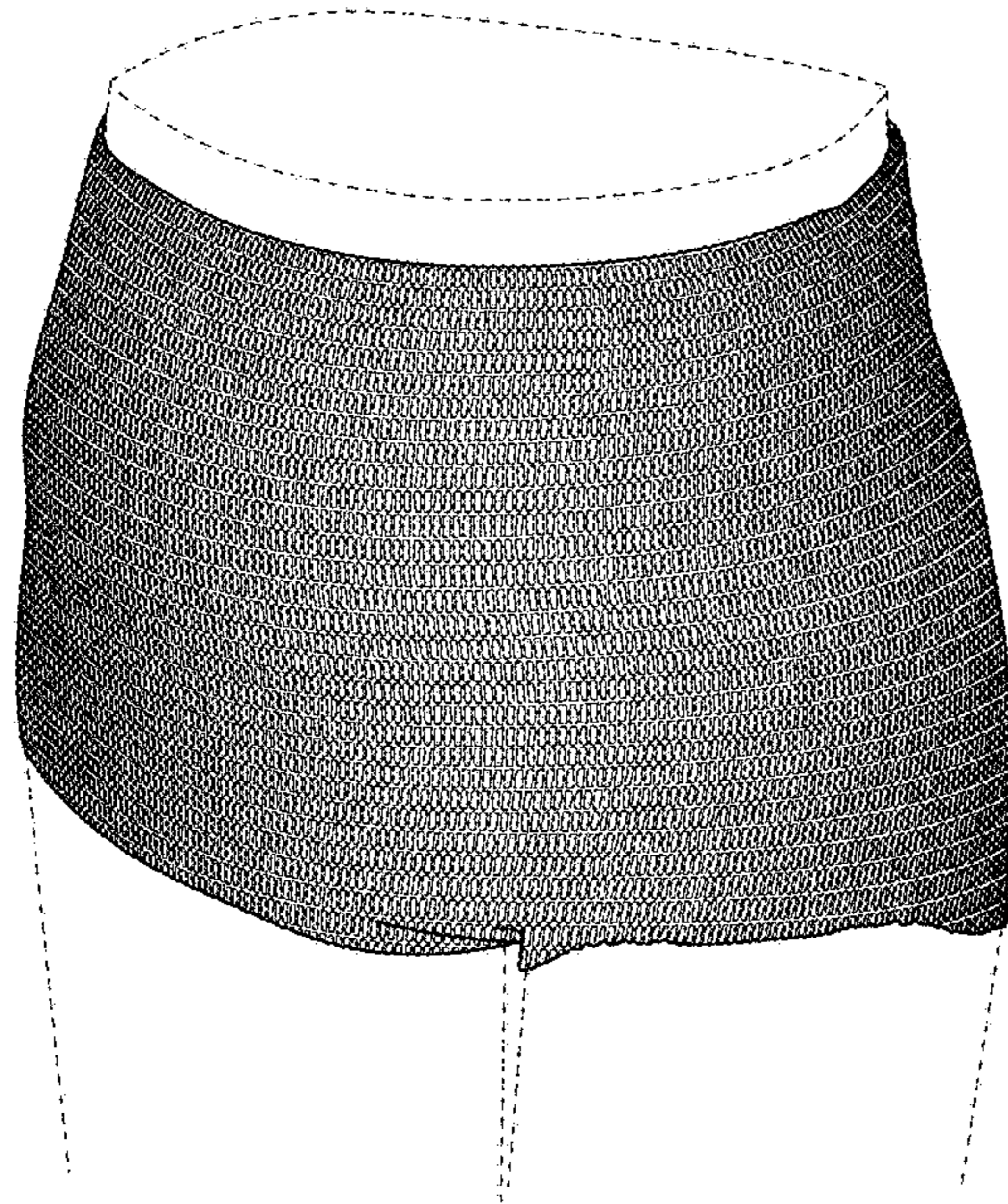


FIG. 12

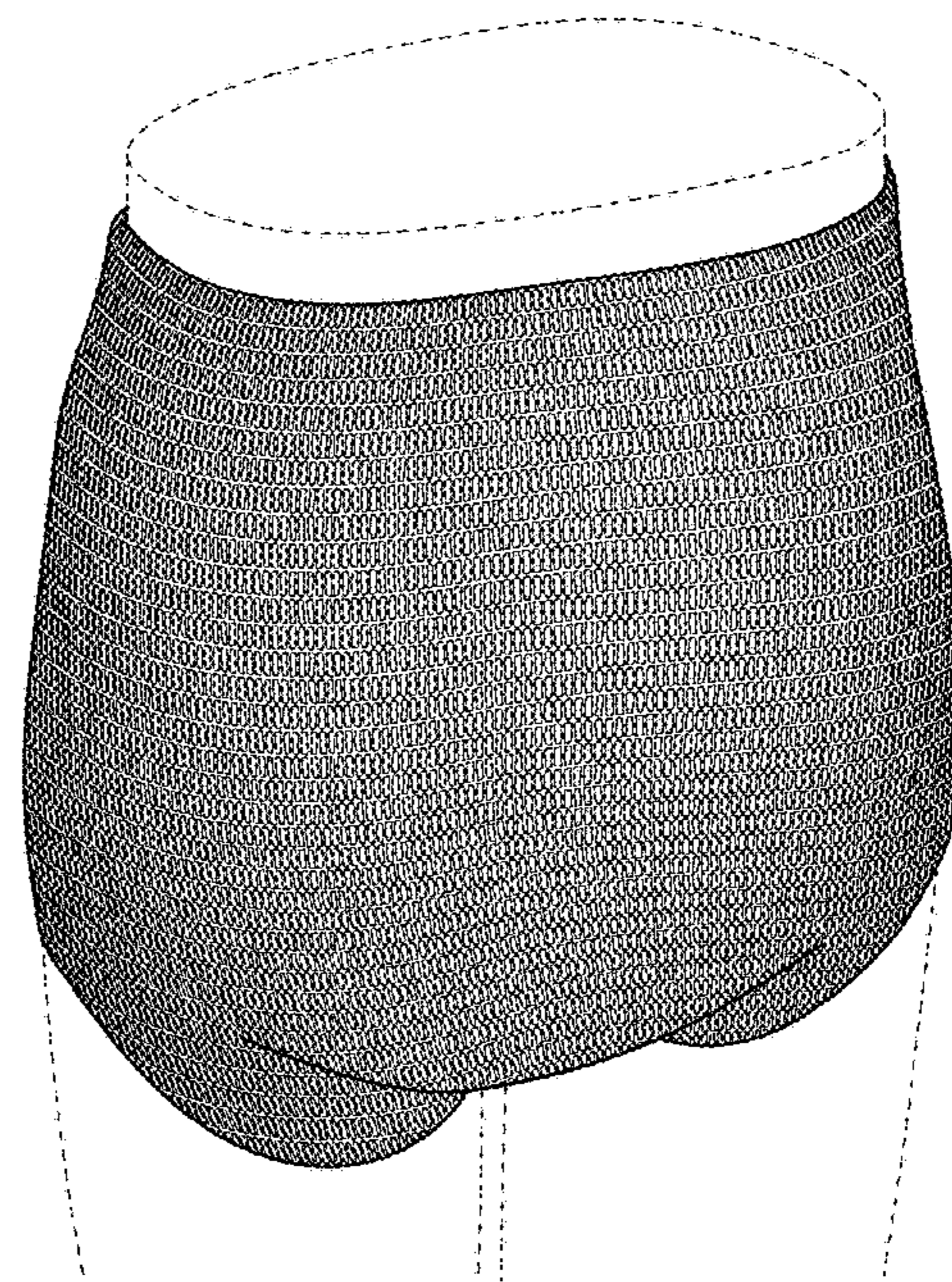


FIG. 13



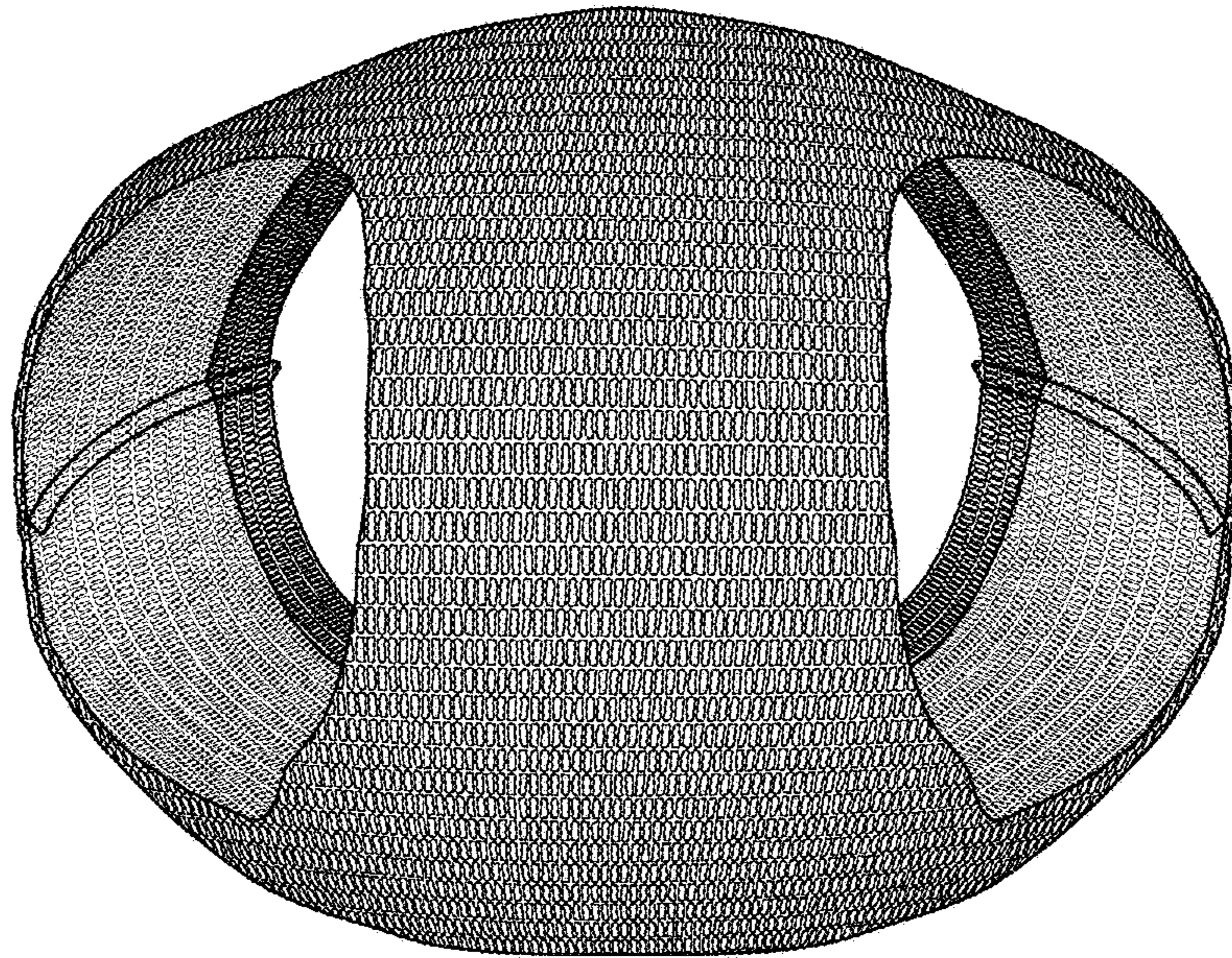


FIG. 14

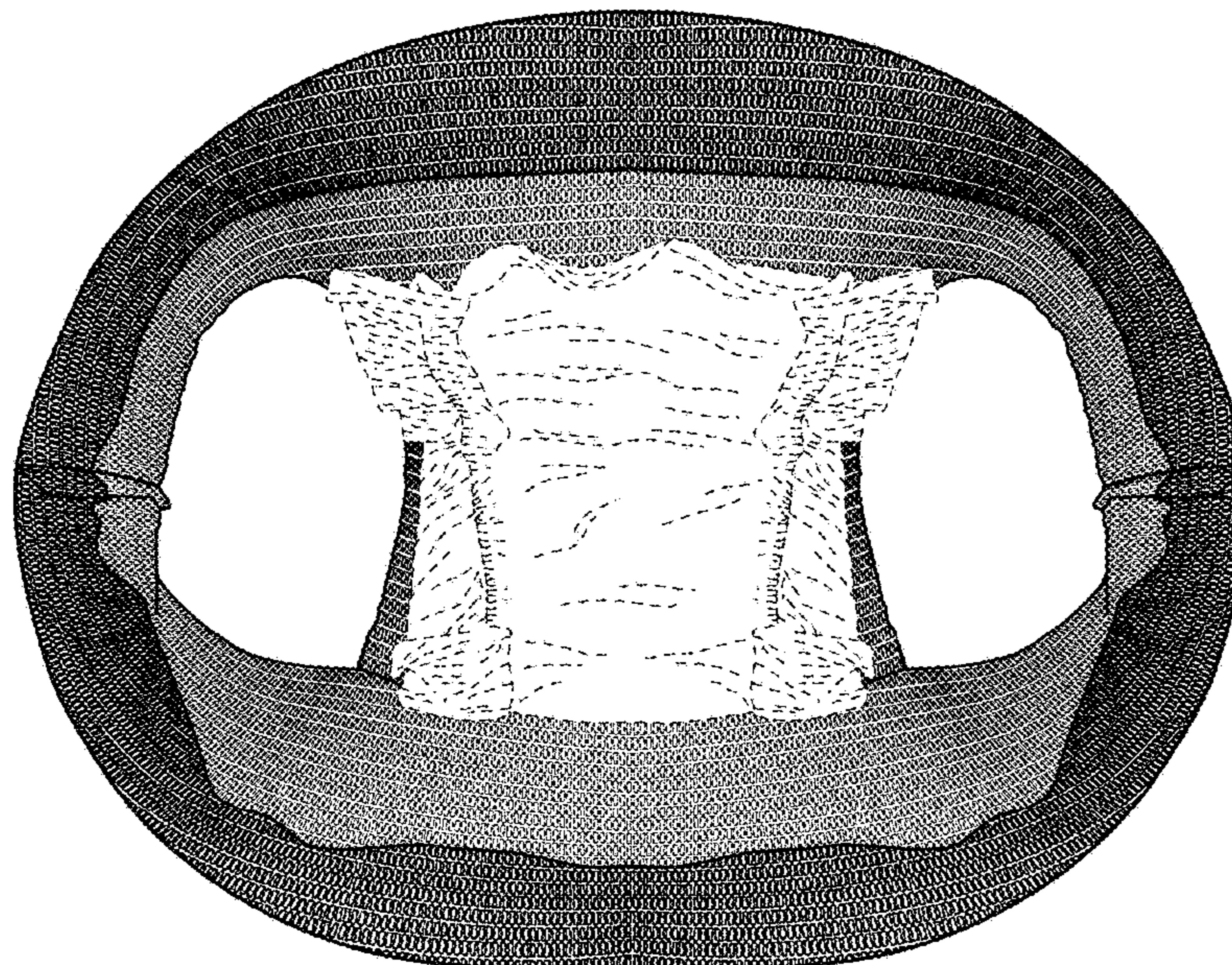


FIG. 15