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(12) **United States Design Patent**
Ierulli et al.

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(54) **NASAL DILATOR**

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(**) Term: **14 Years**
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 (52) **U.S. Cl.**
 USPC **D24/135**

(58) **Field of Classification Search**
 CPC A61F 5/08; A61B 17/0057; A61B 1/233;
 A61M 29/00; A61M 29/02
 USPC D24/133, 135, 136; 606/191-199
 See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,476,091 A 12/1995 Johnson
 (Continued)

FOREIGN PATENT DOCUMENTS

ES 289561 10/1985
Primary Examiner — Bridget L Eland
 (74) *Attorney, Agent, or Firm* — Mersenne Law LLP

(57) **CLAIM**

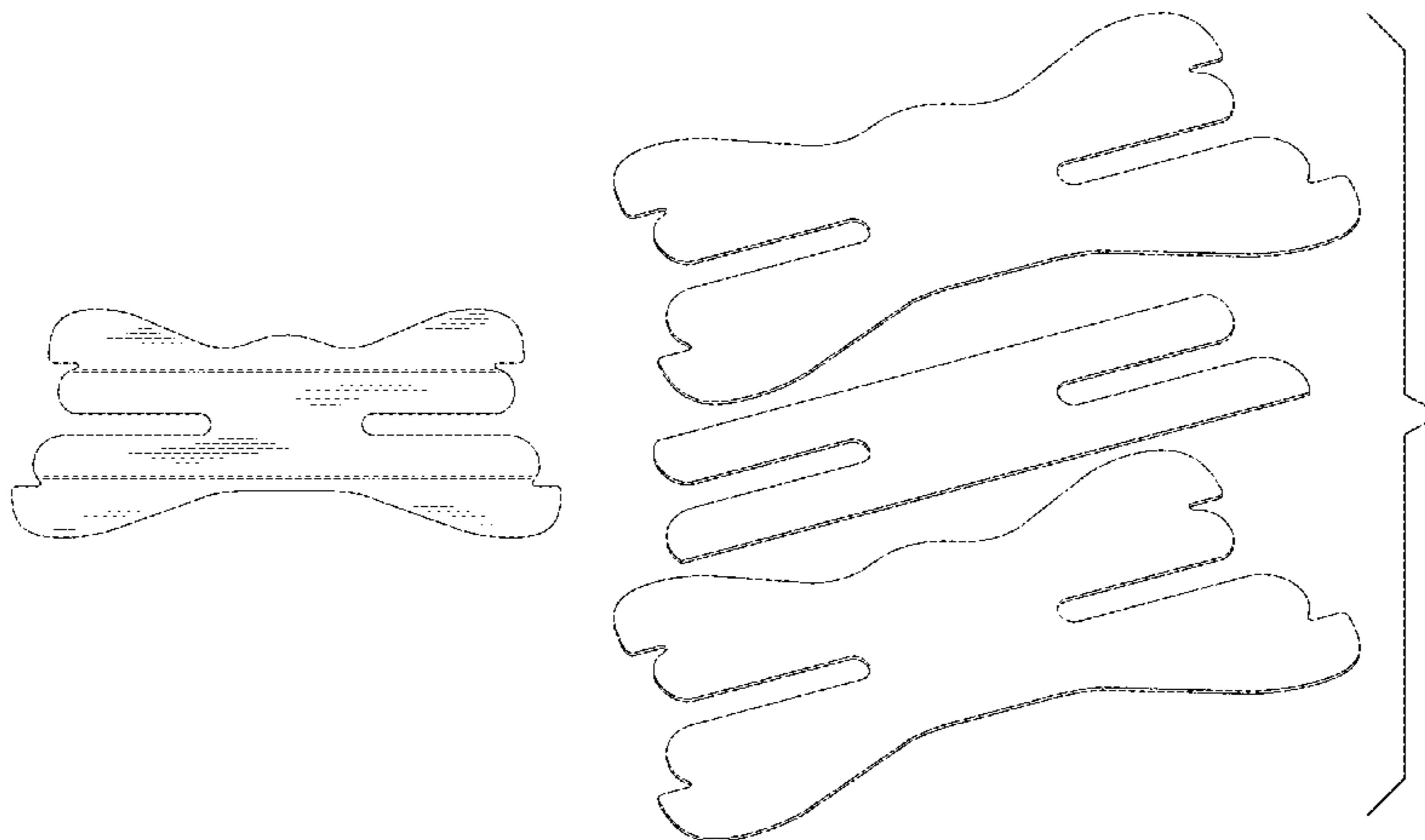
The ornamental design for a nasal dilator, as shown and described.

DESCRIPTION

FIG. 1 is a top plan view of a first embodiment of a nasal dilator showing my new design, the bottom plan view being flat and unornamented;
 FIG. 2 is a front view thereof;
 FIG. 3 is a right side view, the left side view being a mirror image;
 FIG. 4 is a rear view thereof;
 FIG. 5 is a perspective view thereof, showing the dilator in an in use state;

FIG. 6 is a three-quarter perspective view thereof;
 FIG. 7 is an exploded perspective view thereof, in order to show aspects of the individual nasal dilator components of the design that are not otherwise apparent;
 FIG. 8 is a top plan view of a second embodiment of a nasal dilator showing my new design;
 FIG. 9 is a front view thereof;
 FIG. 10 is a right side view, the left side view being a mirror image;
 FIG. 11 is a rear view thereof;
 FIG. 12 is a perspective view thereof, showing the dilator in an in use state;
 FIG. 13 is a three-quarter perspective view thereof;
 FIG. 14 is an exploded perspective view thereof, in order to show aspects of the individual nasal dilator components of the design that are not otherwise apparent;
 FIG. 15 is a top plan view of a third embodiment of a nasal dilator showing my new design;
 FIG. 16 is a front view thereof;
 FIG. 17 is a right side view, the left side view being a mirror image;
 FIG. 18 is a rear view thereof;
 FIG. 19 is a perspective view thereof, showing the dilator in an in use state;
 FIG. 20 is a three-quarter perspective view thereof;
 FIG. 21 is an exploded perspective view thereof, in order to show aspects of the individual nasal dilator components of the design that are not otherwise apparent;
 FIG. 22 is a top plan view of a fourth embodiment of a nasal dilator showing my new design, the bottom plan view being flat and unornamented;
 FIG. 23 is a front view thereof;
 FIG. 24 is a right side view, the left side view being a mirror image;
 FIG. 25 is a rear view thereof;
 FIG. 26 is a perspective view thereof, showing the dilator in an in use state;
 FIG. 27 is a three-quarter perspective view thereof; and,
 FIG. 28 is an exploded perspective view thereof, in order to show aspects of the individual nasal dilator components of the design that are not otherwise apparent.
 The broken line showing of human facial features are directed to environment and for illustrative purposes only; the broken lines form no part of the claimed design.

1 Claim, 8 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

5,479,944	A	1/1996	Petruson				
5,533,499	A	7/1996	Johnson				
5,533,503	A	7/1996	Doubek et al.				
5,546,929	A	8/1996	Muchin				
5,549,103	A	8/1996	Johnson				
RE35,408	E	12/1996	Petruson				
5,611,333	A	3/1997	Johnson				
D379,513	S *	5/1997	Ierulli	D24/135			
5,653,224	A	8/1997	Johnson				
5,706,800	A	1/1998	Cronk et al.				
5,718,224	A	2/1998	Muchin				
5,769,089	A	6/1998	Hand et al.				
5,890,486	A	4/1999	Mitra et al.				
5,931,854	A	8/1999	Dillon				
5,957,126	A	9/1999	Neeser				
6,006,746	A	12/1999	Karell				
6,029,658	A	2/2000	De Voss				
6,058,931	A	5/2000	Muchin				
6,065,470	A	5/2000	Van Cromvoirt et al.				
D429,332	S *	8/2000	Ierulli	D24/135			
D430,295	S *	8/2000	Ierulli	D24/135			
6,098,616	A	8/2000	Lundy et al.				
D432,652	S *	10/2000	Ierulli	D24/135			
D434,146	S *	11/2000	Ierulli	D24/135			
D437,641	S *	2/2001	Ierulli	D24/135			
6,196,228	B1	3/2001	Kreitzer et al.				
6,244,265	B1	6/2001	Cronk et al.				
6,276,360	B1	8/2001	Cronk et al.				
6,318,362	B1	11/2001	Johnson				
6,357,436	B1	3/2002	Kreitzer et al.				
6,375,667	B1	4/2002	Ruch				
6,453,901	B1	9/2002	Ierulli				
6,470,883	B1	10/2002	Beaudry				
6,550,474	B1	4/2003	Anderson et al.				
6,694,970	B2	2/2004	Spinelli et al.				
6,769,428	B2	8/2004	Cronk et al.				
6,769,429	B1	8/2004	Benetti				
7,067,710	B1	6/2006	Beaudry				
7,114,495	B2	10/2006	Lockwood, Jr.				
D639,762	S	6/2011	Brogden et al.				
D644,324	S	8/2011	Brunner et al.				
D644,325	S	8/2011	Brunner et al.				
8,047,201	B2	11/2011	Guyuron et al.				
8,062,329	B2	11/2011	Ierulli				
D651,710	S	1/2012	Brogden et al.				
8,115,049	B2	2/2012	Beaudry				
D659,245	S	5/2012	Ierulli				
8,188,330	B2	5/2012	Beaudry				
D662,203	S	6/2012	Smith				
D667,543	S	9/2012	Ierulli				
D671,643	S	11/2012	Ierulli				
D672,461	S	12/2012	Brogden et al.				
D672,872	S	12/2012	Brunner et al.				
D673,270	S	12/2012	Brunner et al.				
8,342,173	B2	1/2013	Lockwood, Jr.				
8,444,670	B2	5/2013	Ierulli				
8,584,671	B2	11/2013	Ierulli				
D696,400	S *	12/2013	Brogden et al.	D24/135			
D701,957	S *	4/2014	Brunner et al.	D24/135			
D703,318	S *	4/2014	Brunner et al.	D24/135			
D706,925	S *	6/2014	Reyers	D24/135			
D706,926	S *	6/2014	Reyers	D24/135			
D707,814	S *	6/2014	Ierulli	D24/135			
D707,815	S *	6/2014	Ierulli	D24/135			
2008/0058858	A1	3/2008	Smith				
2008/0097517	A1	4/2008	Holmes et al.				
2008/0184995	A1	8/2008	Ierulli				
2009/0125052	A1	5/2009	Pinna et al.				
2009/0234383	A1	9/2009	Ierulli				
2010/0298861	A1	11/2010	Fenton				
2011/0000483	A1	1/2011	Matthias et al.				
2011/0054517	A1	3/2011	Holmes et al.				
2011/0093004	A1	4/2011	Ierulli				
2011/0166594	A1	7/2011	Eull et al.				
2011/0224717	A1	9/2011	Lockwood				
2011/0295312	A1	12/2011	Ierulli				
2012/0004683	A1	1/2012	Gray				
2012/0022582	A1	1/2012	Guyuron				
2012/0067345	A1	3/2012	Shilon				
2012/0172923	A1	7/2012	Fenton				
2012/0209313	A1	8/2012	Ierulli				
2012/0232455	A1	9/2012	Beaudry				
2013/0104882	A1	5/2013	Ierulli				
2013/0118488	A1	5/2013	Ledogar				

* cited by examiner

FIG. 4

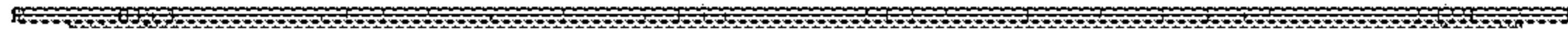


FIG. 1

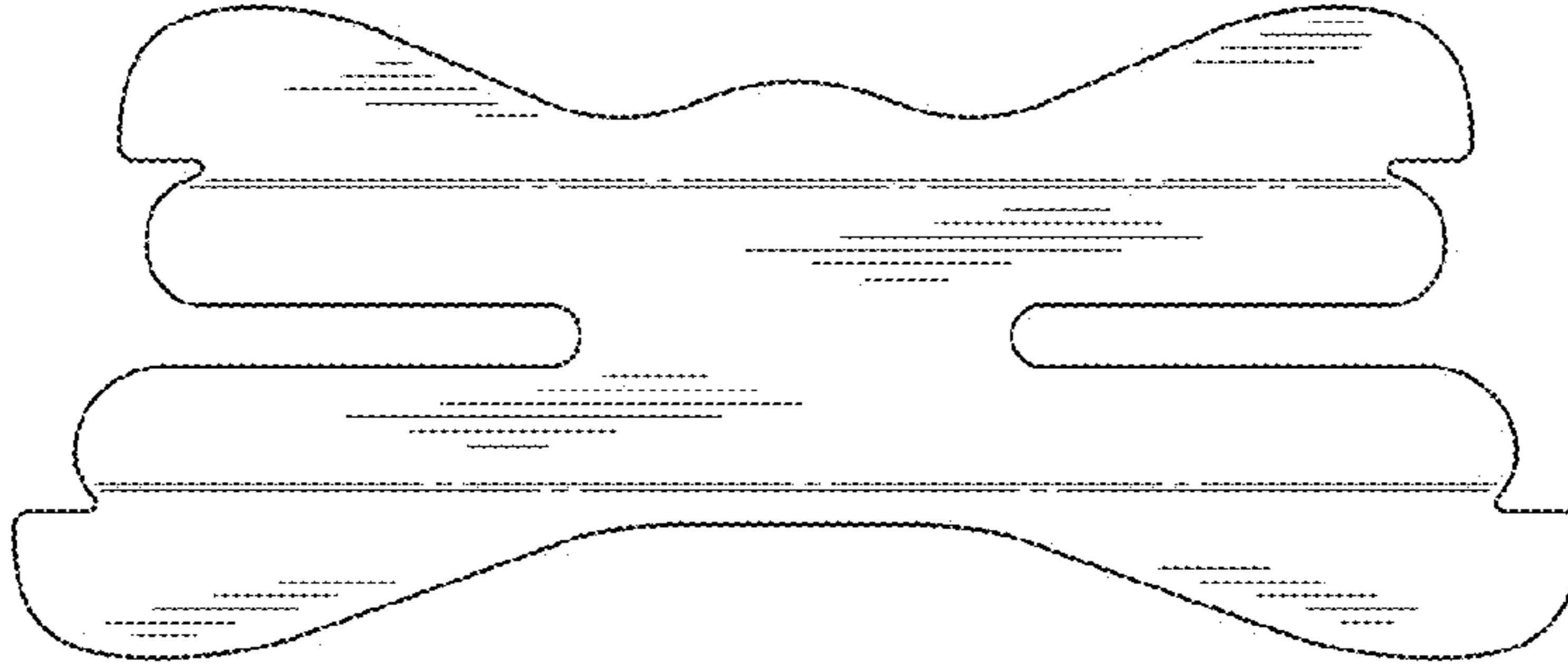


FIG. 2

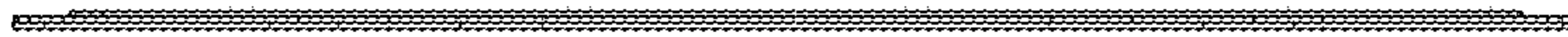


FIG. 3

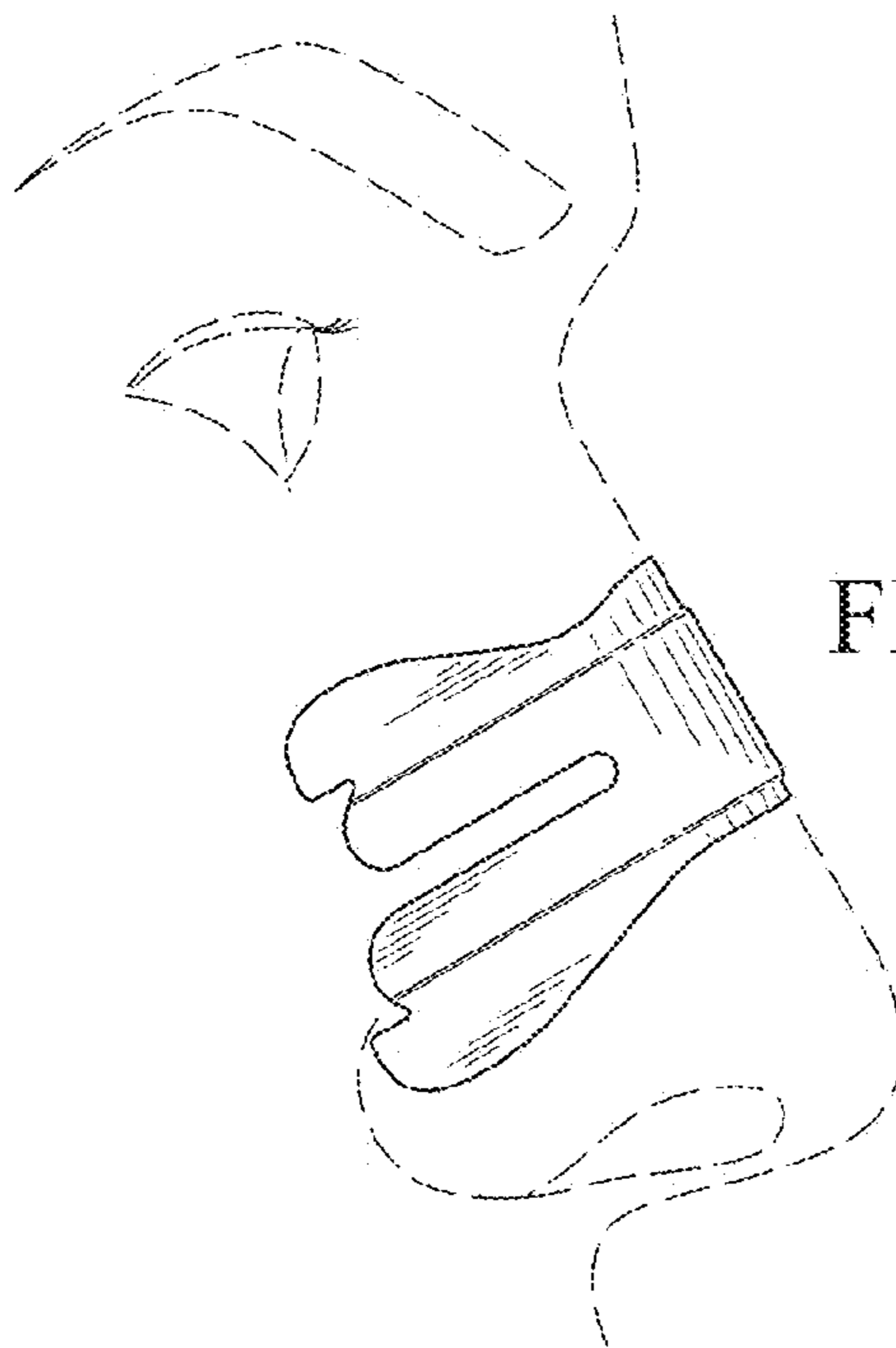


FIG. 5

FIG. 6

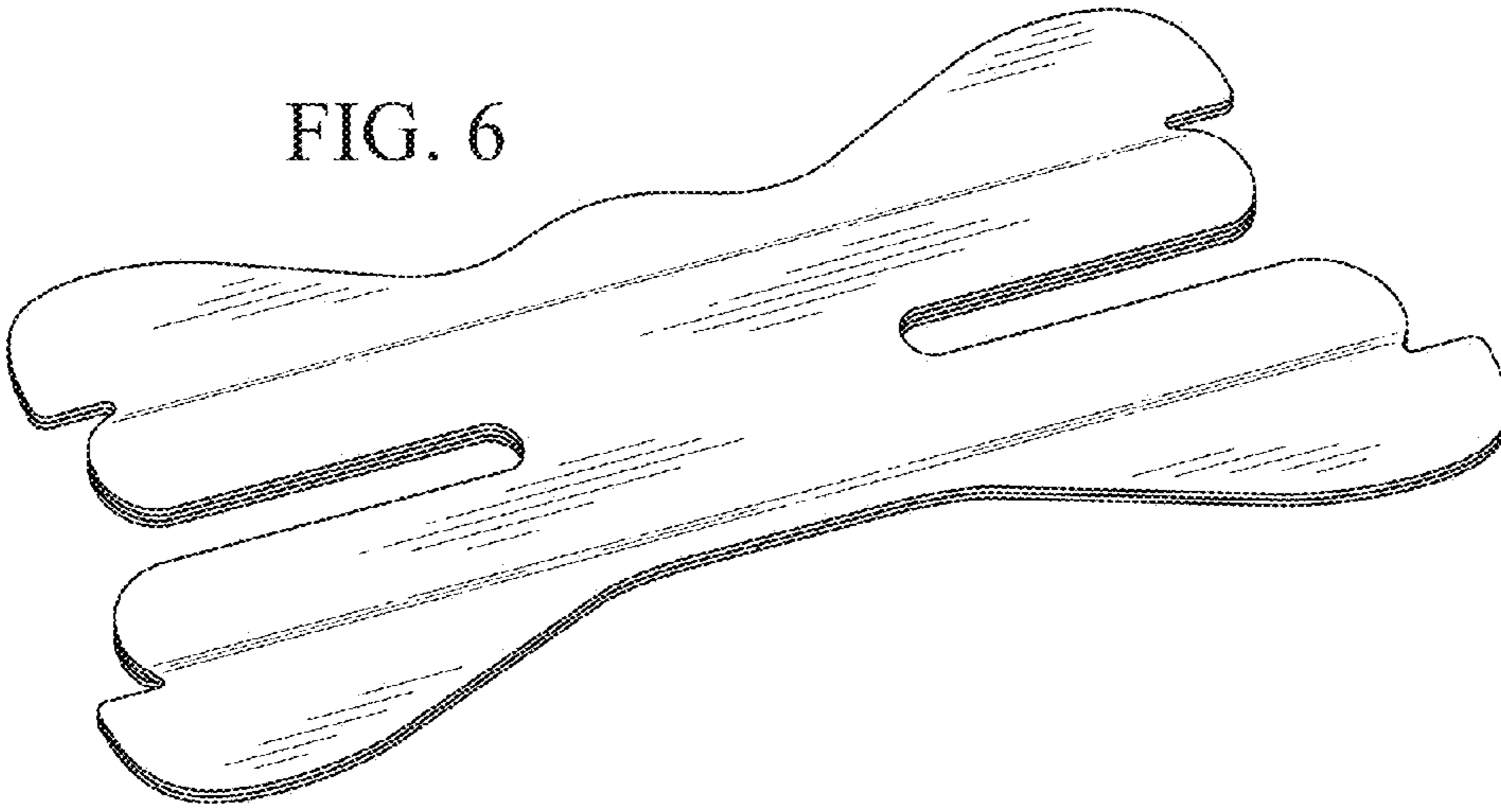


FIG. 7

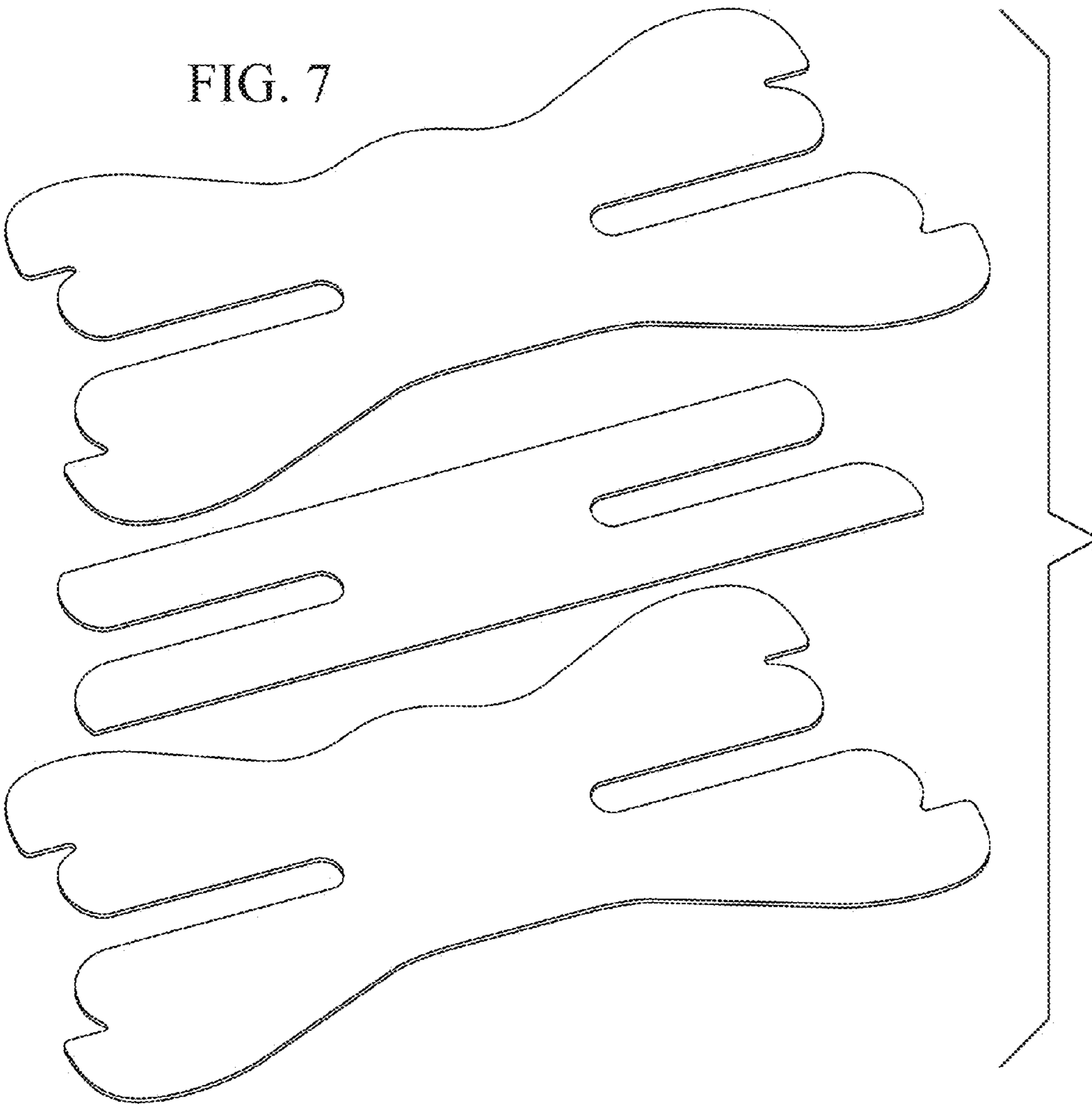


FIG. 11

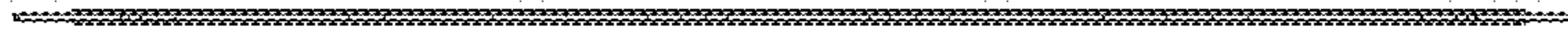


FIG. 8

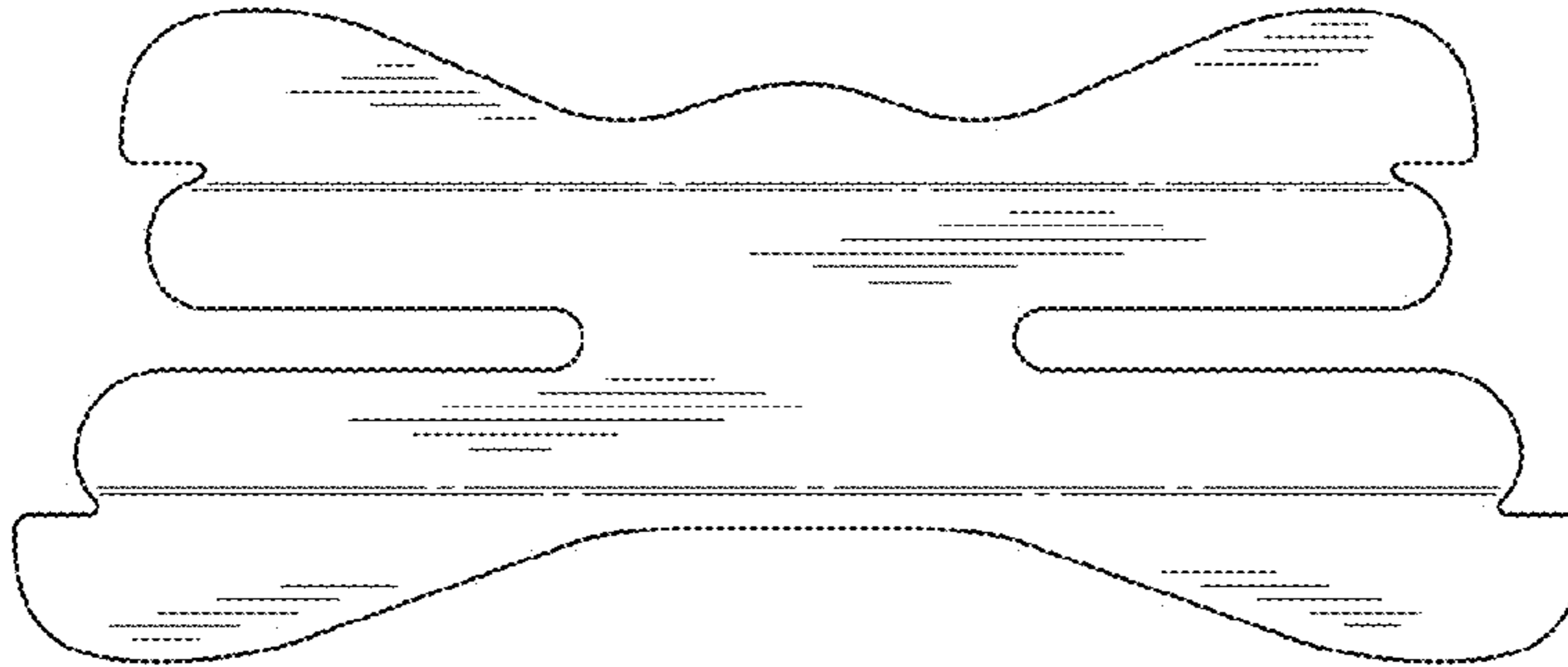


FIG. 9

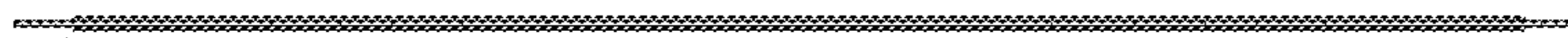


FIG. 10

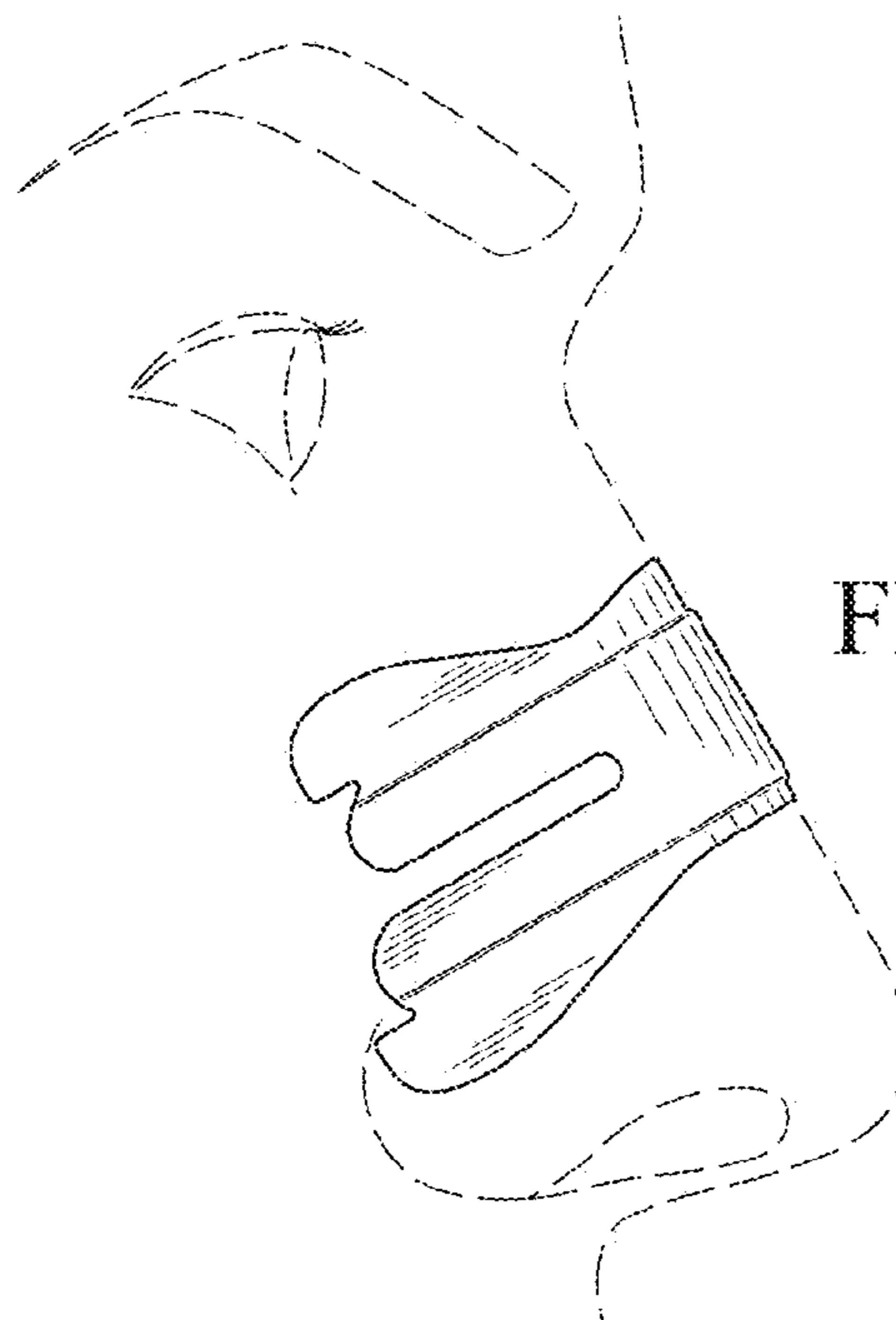


FIG. 12

FIG. 13

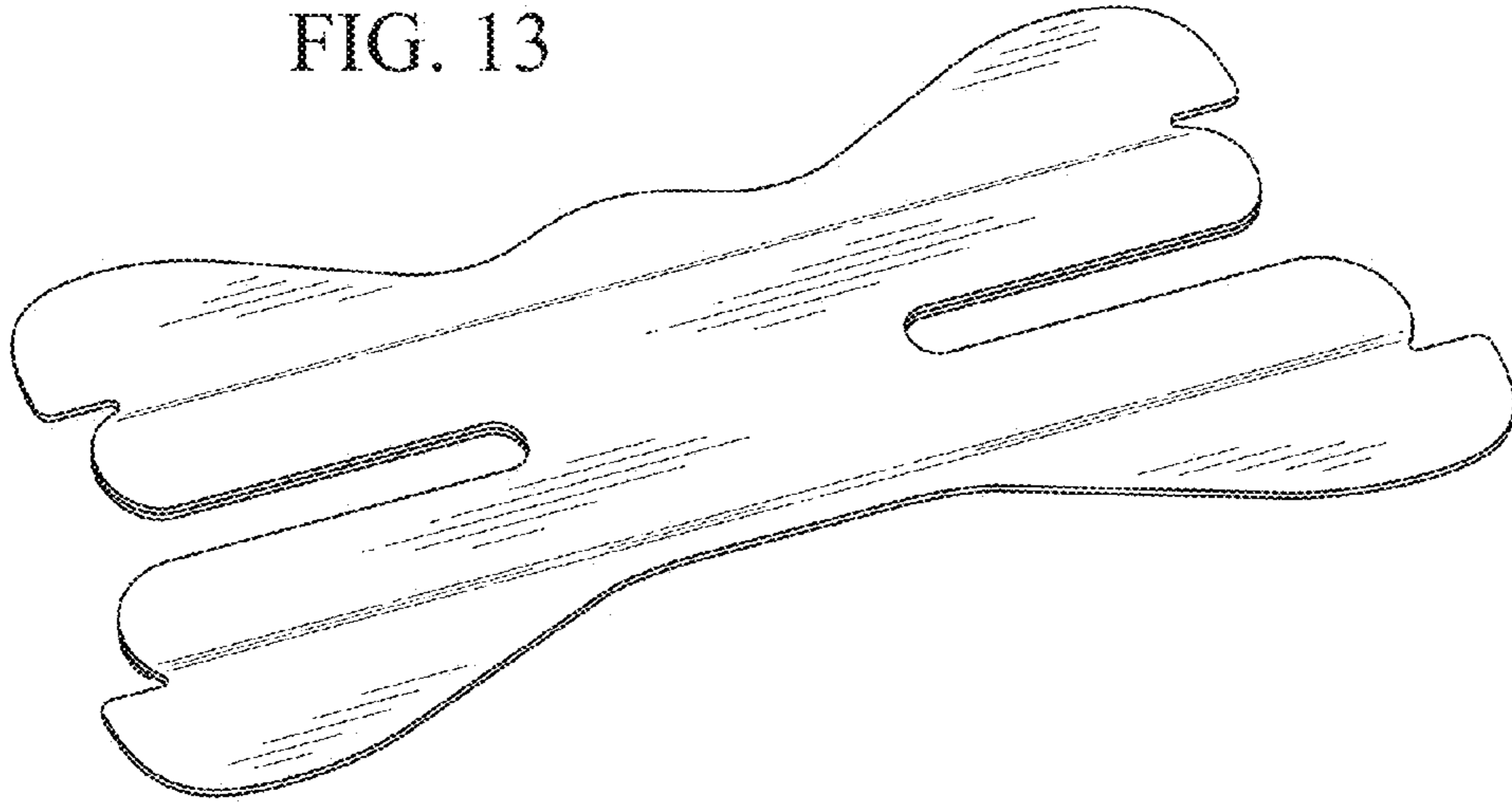


FIG. 14

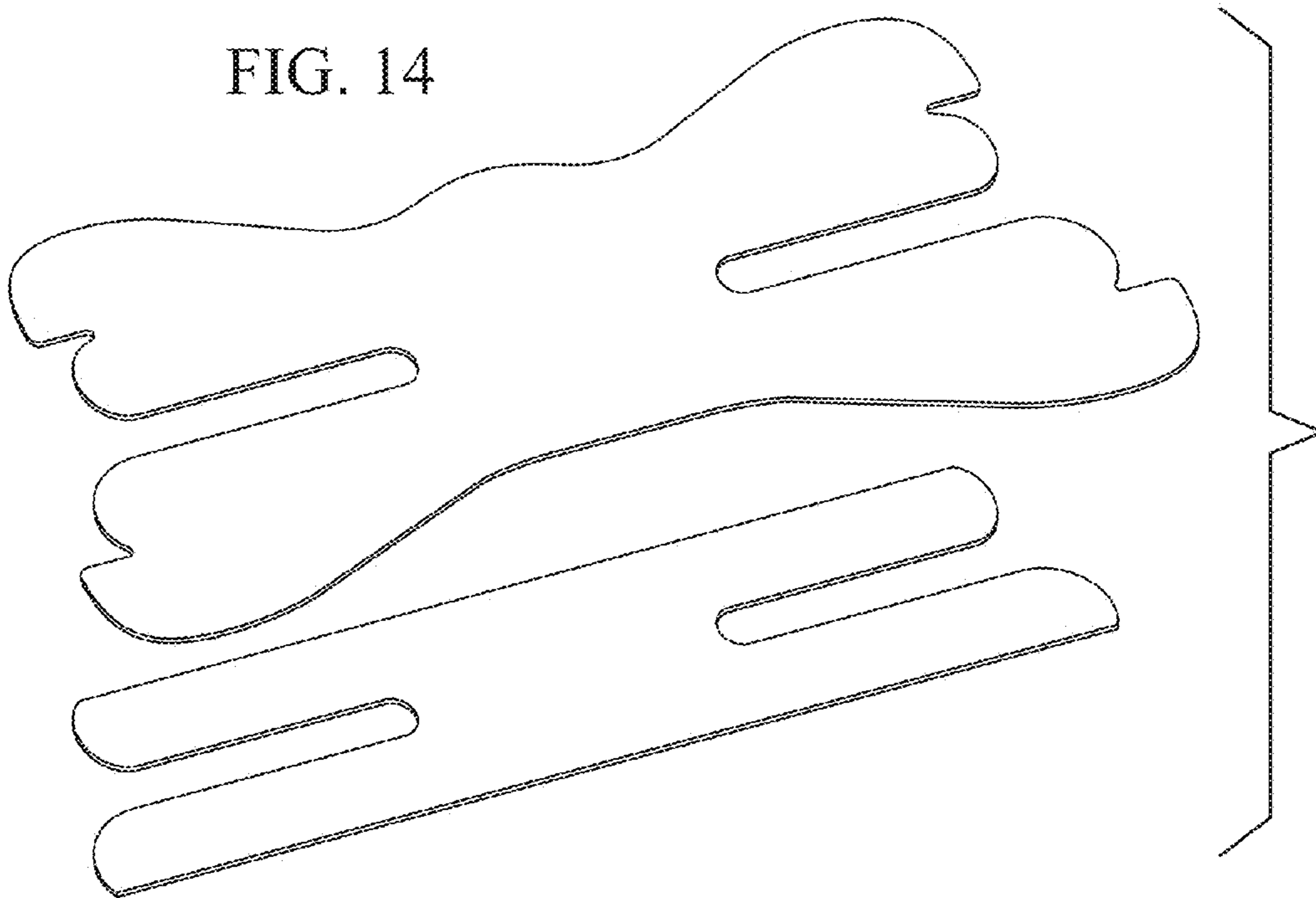


FIG. 18

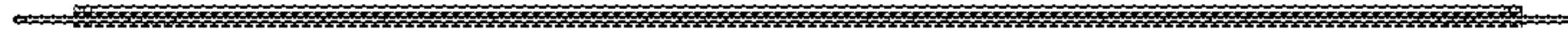


FIG. 15

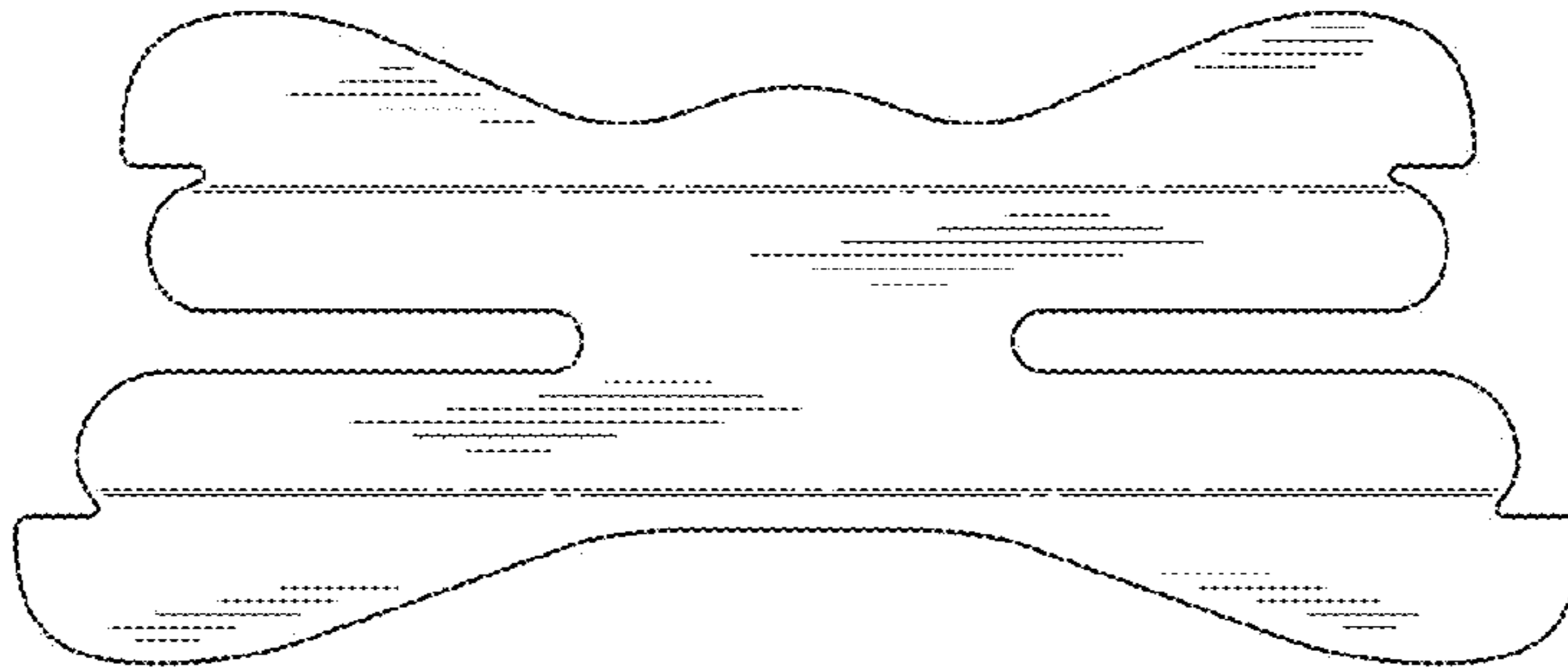


FIG. 16

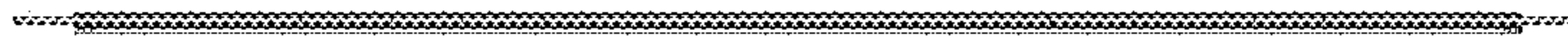


FIG. 17

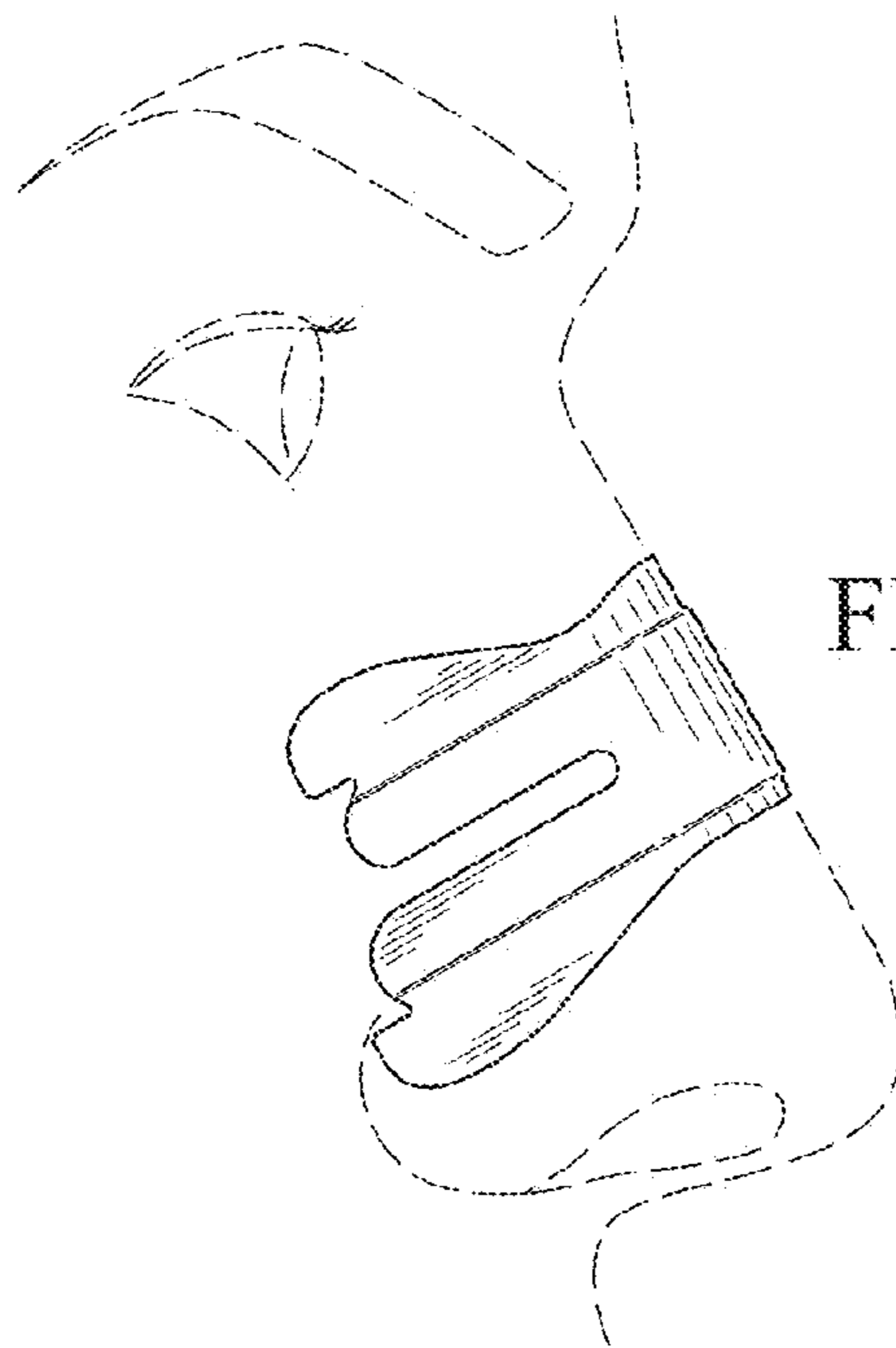


FIG. 19

FIG. 20

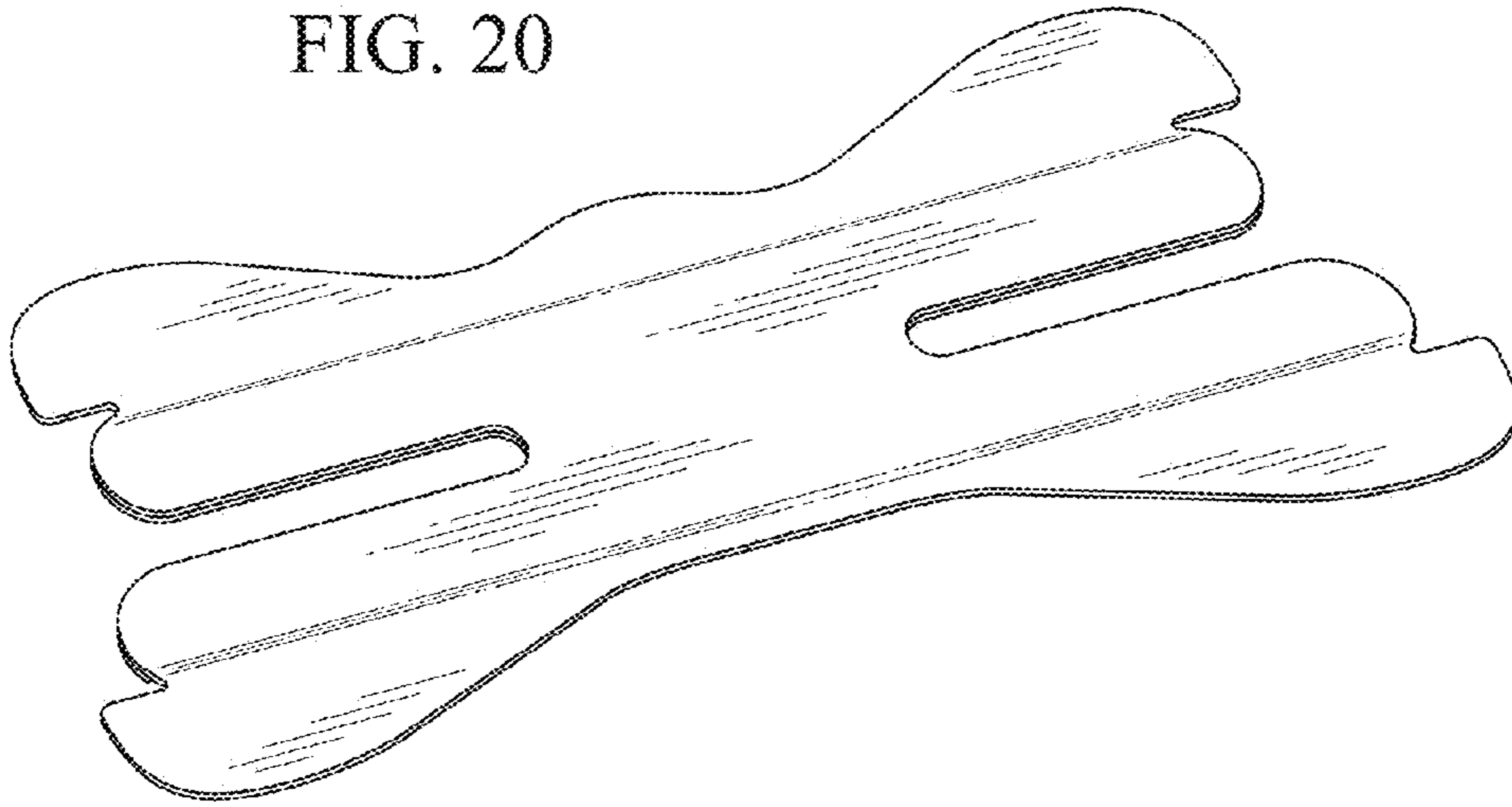


FIG. 21

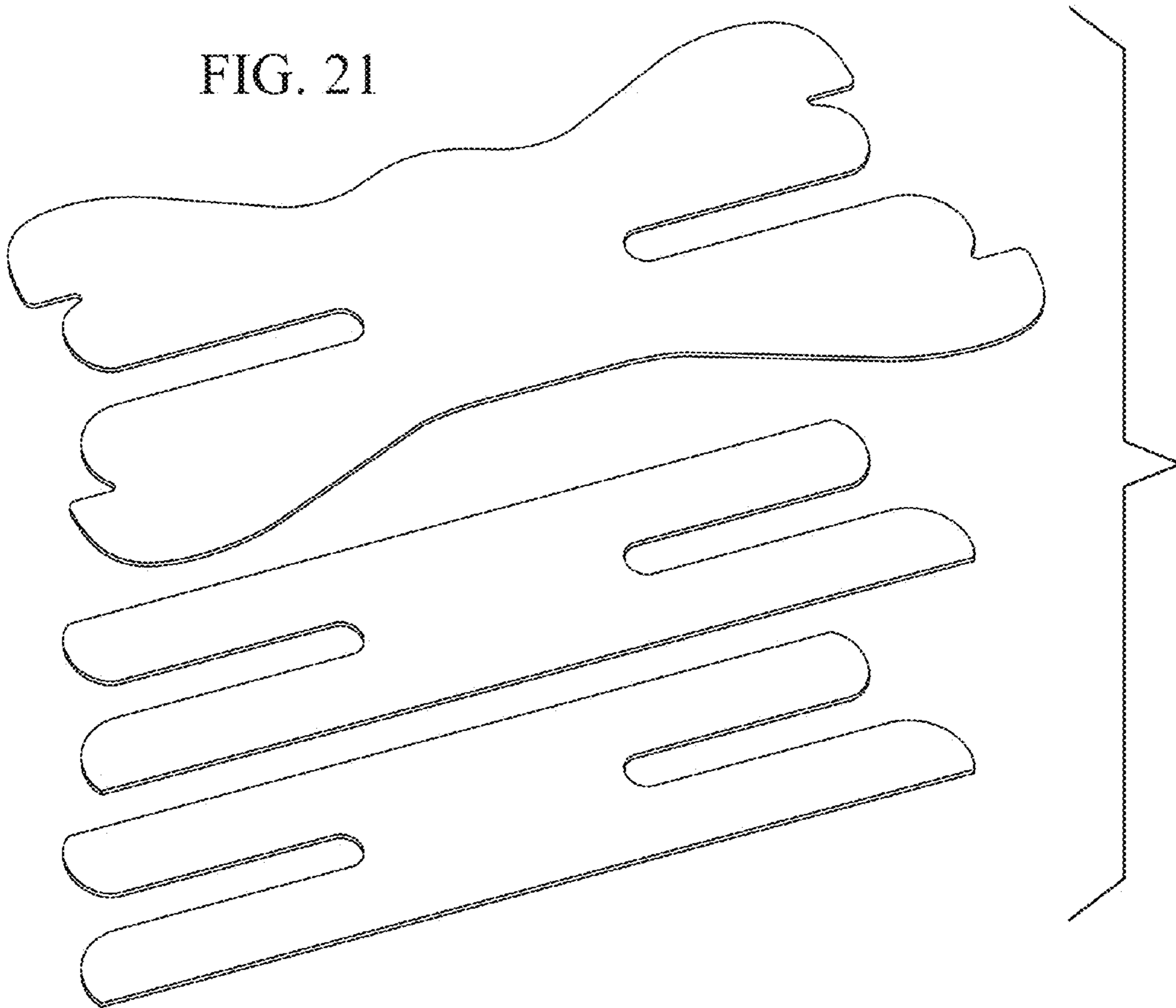


FIG. 25

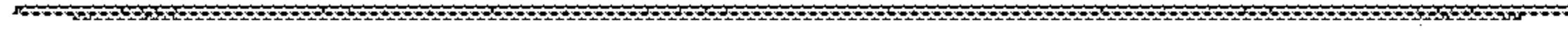


FIG. 22

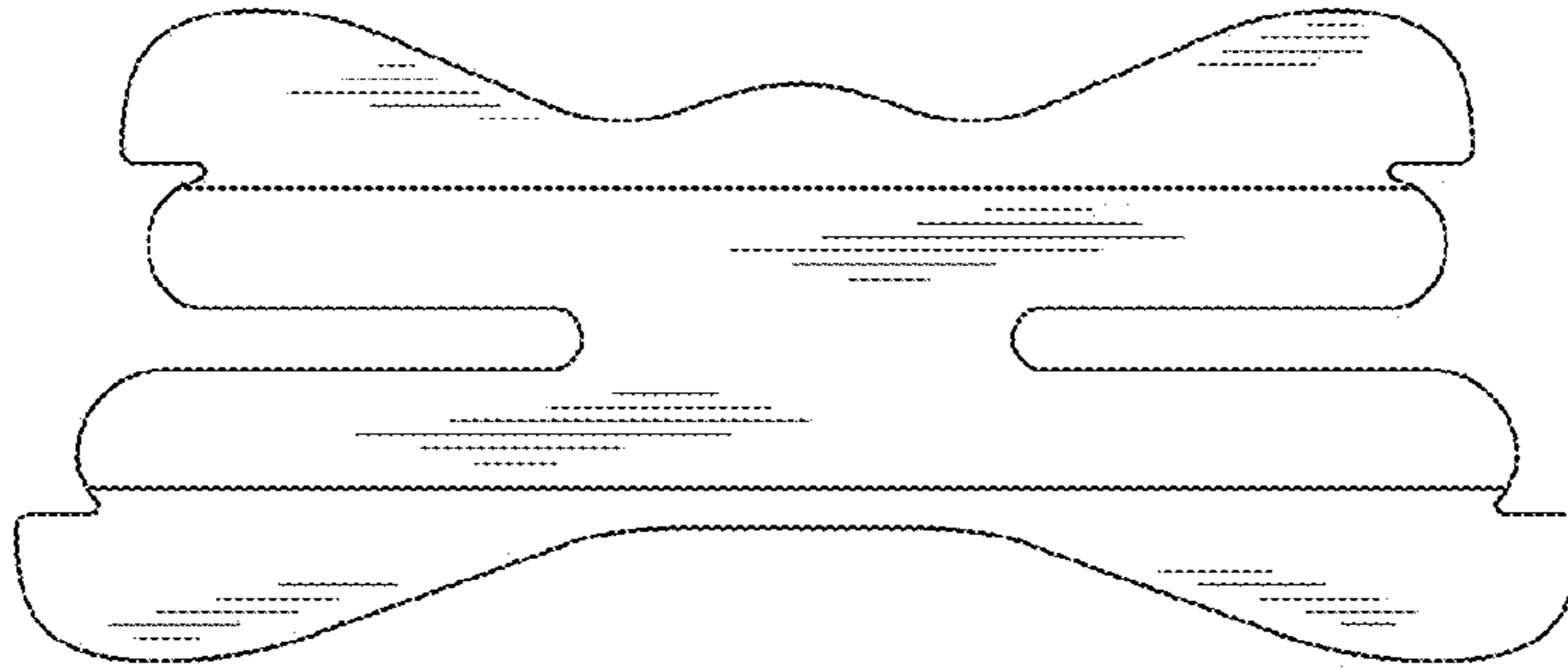


FIG. 23

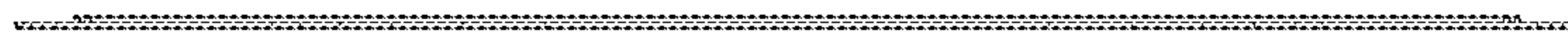


FIG. 24



FIG. 26

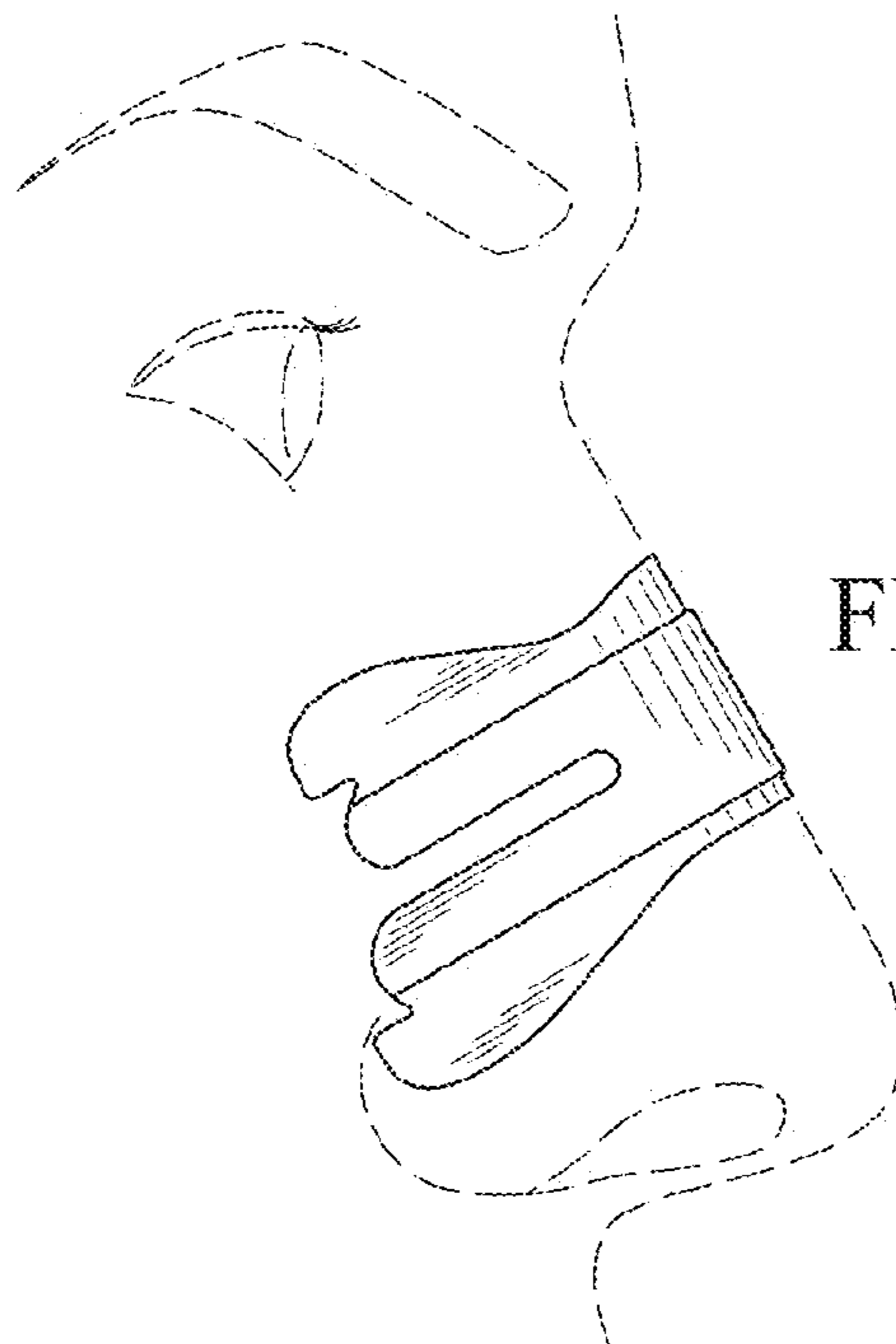


FIG. 27

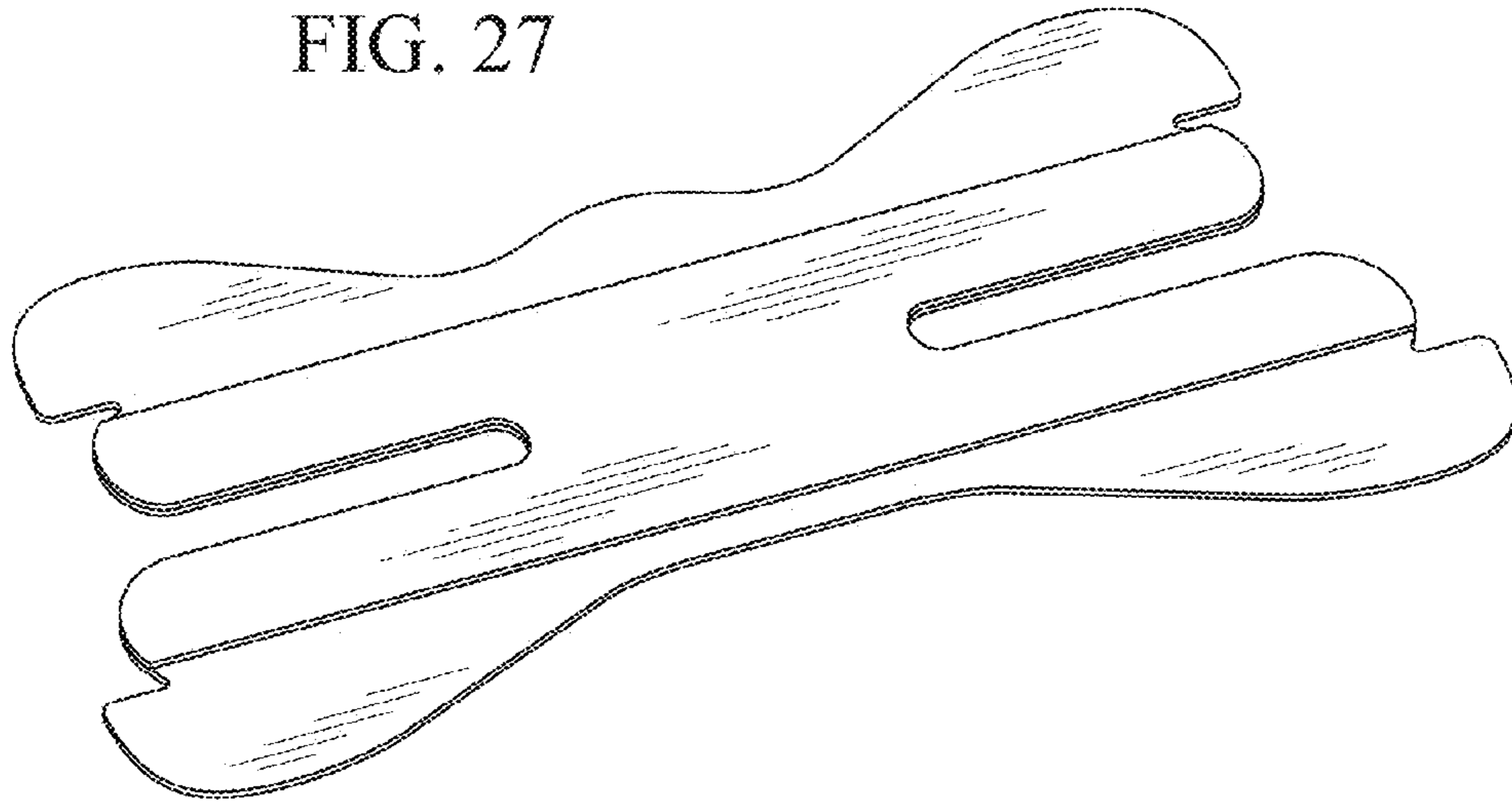


FIG. 28

