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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**
- (21) Appl. No.: **29/515,184**
- (22) Filed: **Jan. 20, 2015**

Related U.S. Application Data

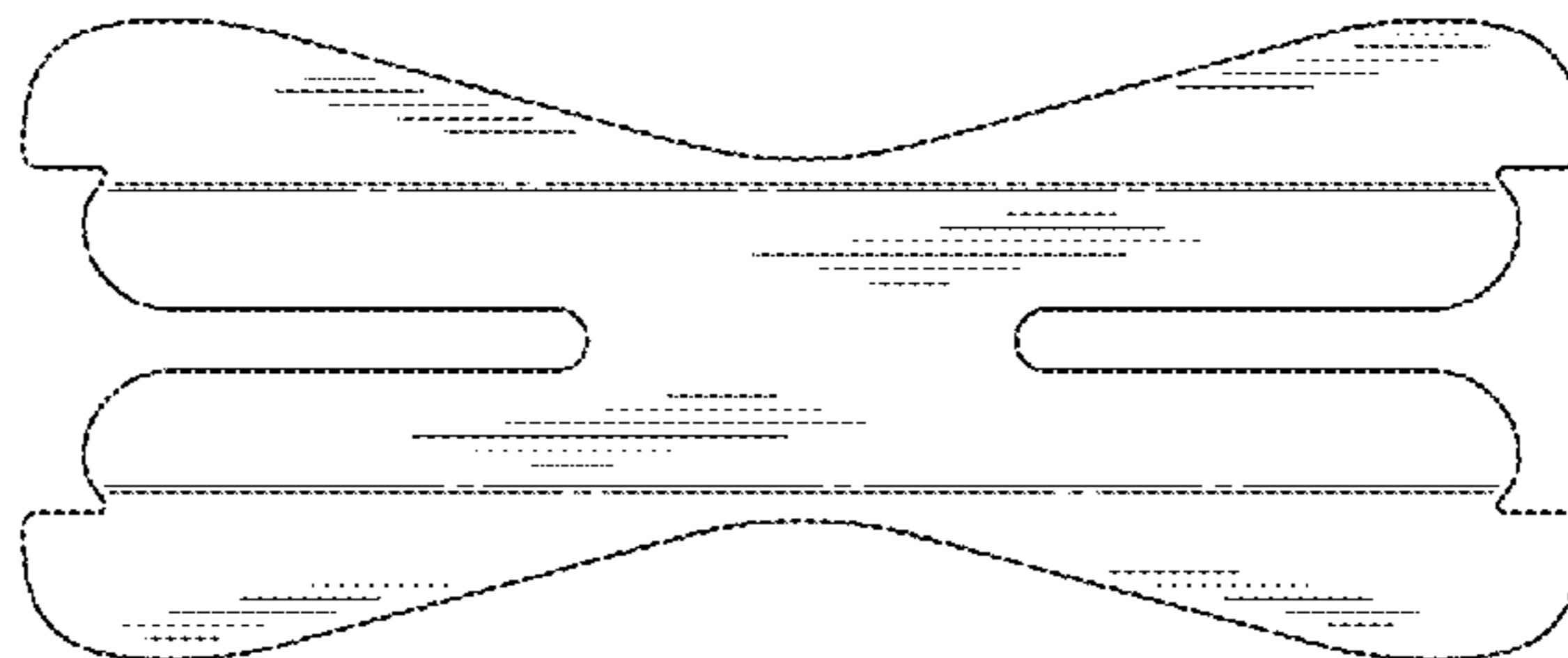
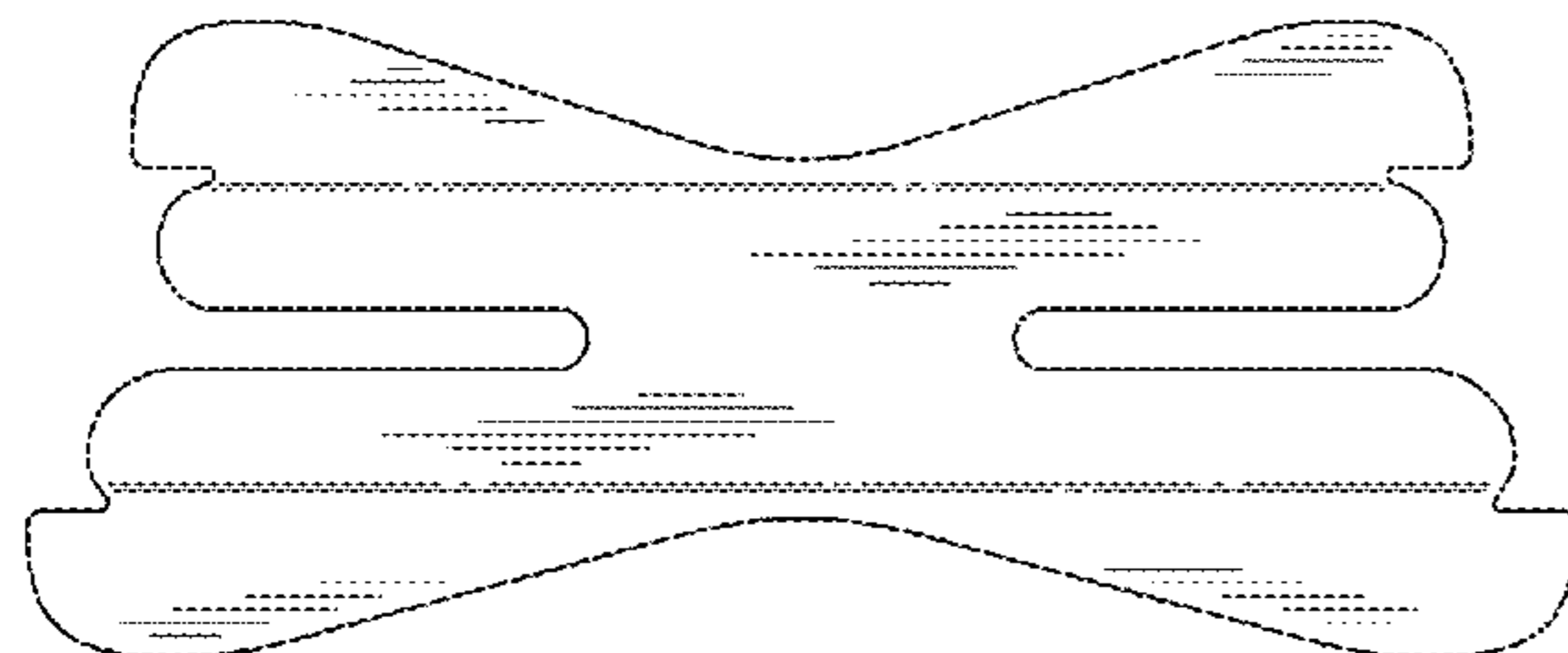
- (62) Division of application No. 29/455,903, filed on May 24, 2013, now Pat. No. Des. 725,773.
- (51) **LOC (10) Cl.** **24-02**
- (52) **U.S. Cl.**
USPC **D24/135**
- (58) **Field of Classification Search**
USPC D24/133, 135, 136, 189
CPC A61F 5/08; A61B 17/0057; A61B 1/233;
A61M 29/00; A61M 29/02
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,476,091	A	12/1995	Johnson
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
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.
D430,295	S *	8/2000	Ierulli D24/135
6,098,616	A	8/2000	Lundy et al.
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
8,616,198	B2	12/2013	Guyuron et al.
8,617,199	B2	12/2013	Eull et al.
8,641,852	B2	2/2014	Ierulli
D703,318	S *	4/2014	Brunner D24/135
D707,814	S	6/2014	Ierulli
D707,815	S	6/2014	Ierulli
8,834,511	B2	9/2014	Holmes et al.
8,834,512	B1	9/2014	Brown et al.
8,834,514	B2	9/2014	Smith
8,858,587	B2	10/2014	Ierulli
D720,849	S *	1/2015	Kyvik D24/128
D725,772	S *	3/2015	Ierulli D24/135
D725,773	S *	3/2015	Ierulli D24/135
D738,496	S *	9/2015	Peck D24/135
D739,015	S *	9/2015	Martin D24/135



D741,998	S	*	10/2015	Martin	D24/135
D747,478	S	*	1/2016	Brunner	D24/135
2008/0058858	A1		3/2008	Smith		
2008/0097517	A1		4/2008	Holmes et al.		
2009/0125052	A1		5/2009	Pinna et al.		
2009/0234383	A1		9/2009	Ierulli		
2010/0210988	A1		8/2010	Dallison		
2010/0298861	A1		11/2010	Fenton		
2011/0000483	A1		1/2011	Matthias et al.		
2011/0054517	A1		3/2011	Holmes et al.		
2011/0166594	A1		7/2011	Eull		
2011/0224717	A1		9/2011	Lockwood		
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		
2014/0148844	A1		5/2014	Ierulli		
2014/0194922	A1		7/2014	Ierulli		
2014/0296904	A1		10/2014	Andre		
2014/0350596	A1		11/2014	Smith		
2015/0005812	A1		1/2015	Holmes		
2015/0012035	A1		1/2015	Ierulli		

FOREIGN PATENT DOCUMENTS

EP	855175	A1	7/1998	
ES	289561		10/1985	
IT	EP 0842646	A1 *	5/1998 A61F 5/08
JP	D1073099	*	6/2000	
JP	D1257079	*	12/2005	

* cited by examiner

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Assistant Examiner — Lauren McVey
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(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 our new design;
 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 our 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 our 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 our new design;
 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;
 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;
 FIG. 29 is a top plan view of a fifth embodiment of a nasal dilator showing our new design;
 FIG. 30 is a front view thereof, the rear view being a mirror image;
 FIG. 31 is a right side view, the left side view being a mirror image;
 FIG. 32 is a perspective view thereof, showing the dilator in an in use state;
 FIG. 33 is a three-quarter perspective view thereof;
 FIG. 34 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. 35 is a top plan view of a sixth embodiment of a nasal dilator showing our new design;
 FIG. 36 is a front view thereof, the rear view being a mirror image;
 FIG. 37 is a right side view, the left side view being a mirror image;
 FIG. 38 is a perspective view thereof, showing the dilator in an in use state;
 FIG. 39 is a three-quarter perspective view thereof;
 FIG. 40 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. 41 is a top plan view of a seventh embodiment of a nasal dilator showing our new design;
 FIG. 42 is a front view thereof, the rear view being a mirror image;
 FIG. 43 is a right side view, the left side view being a mirror image;
 FIG. 44 is a perspective view thereof, showing the dilator in an in use state;
 FIG. 45 is a three-quarter perspective view thereof;
 FIG. 46 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. 47 is a top plan view of an eighth embodiment of a nasal dilator showing our new design;

FIG. **48** is a front view thereof, the rear view being a mirror image;

FIG. **49** is a right side view, the left side view being a mirror image;

FIG. **50** is a perspective view thereof, showing the dilator in an in use state;

FIG. **51** is a three-quarter perspective view thereof; and,

FIG. **52** 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, 16 Drawing Sheets

FIG. 4

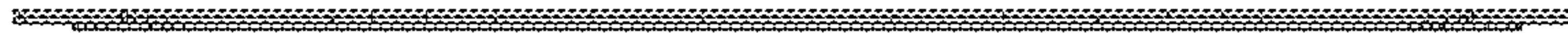


FIG. 1

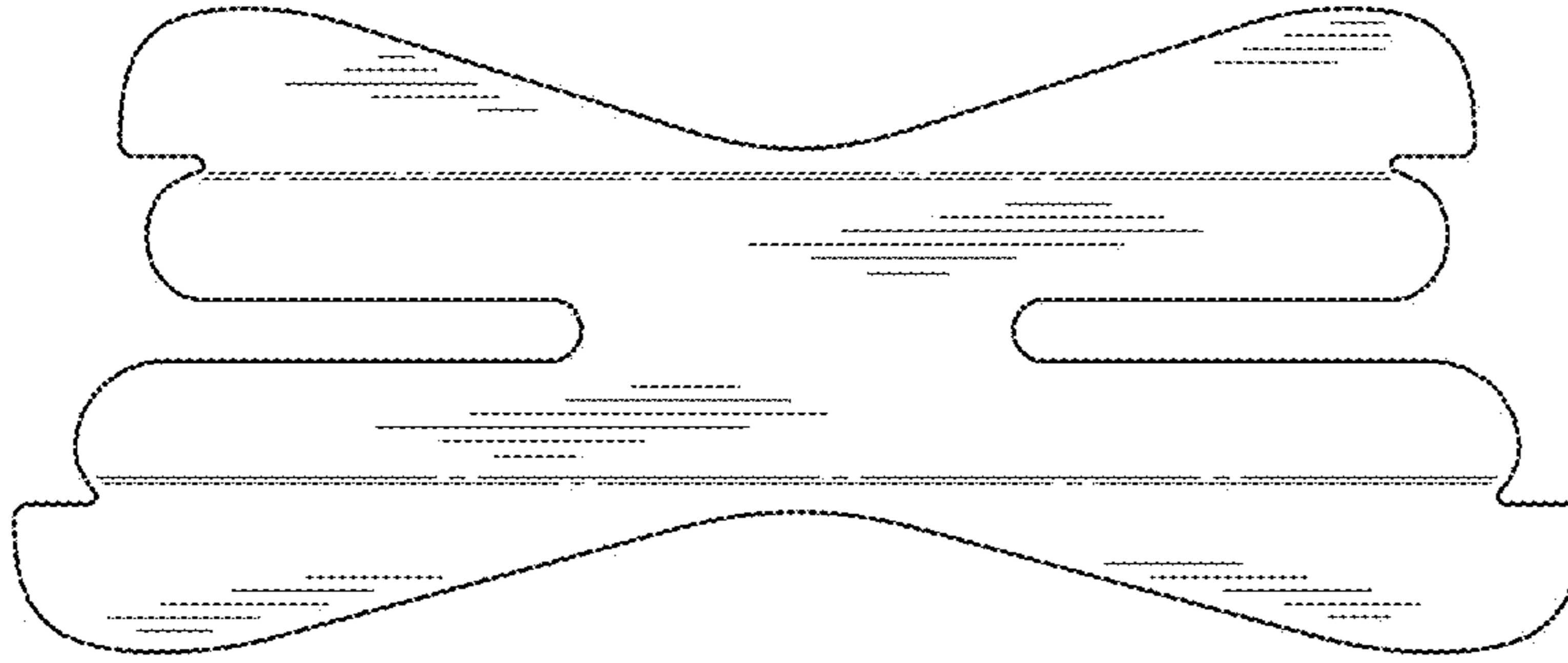


FIG. 2



FIG. 3

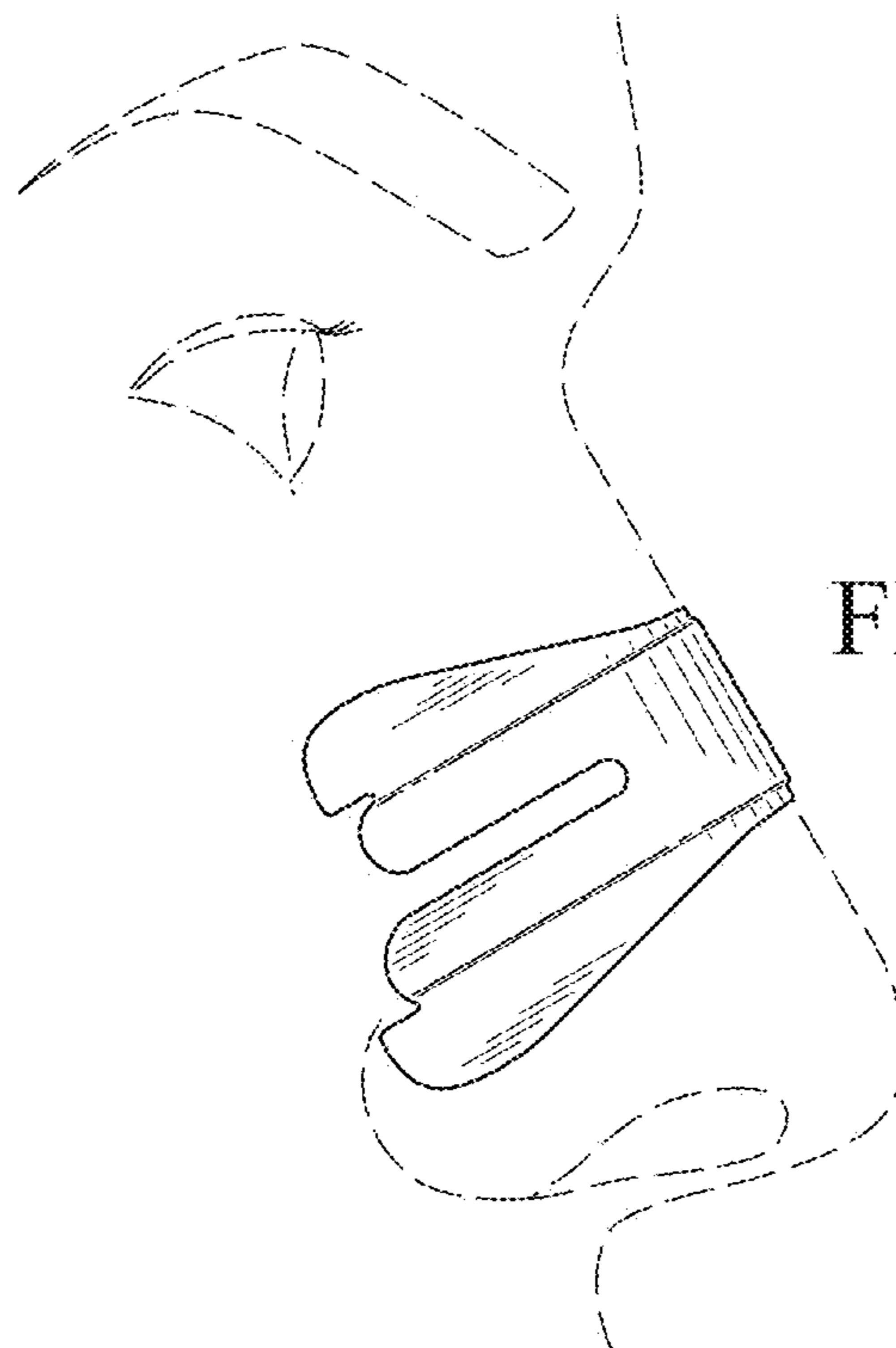


FIG. 5

FIG. 6

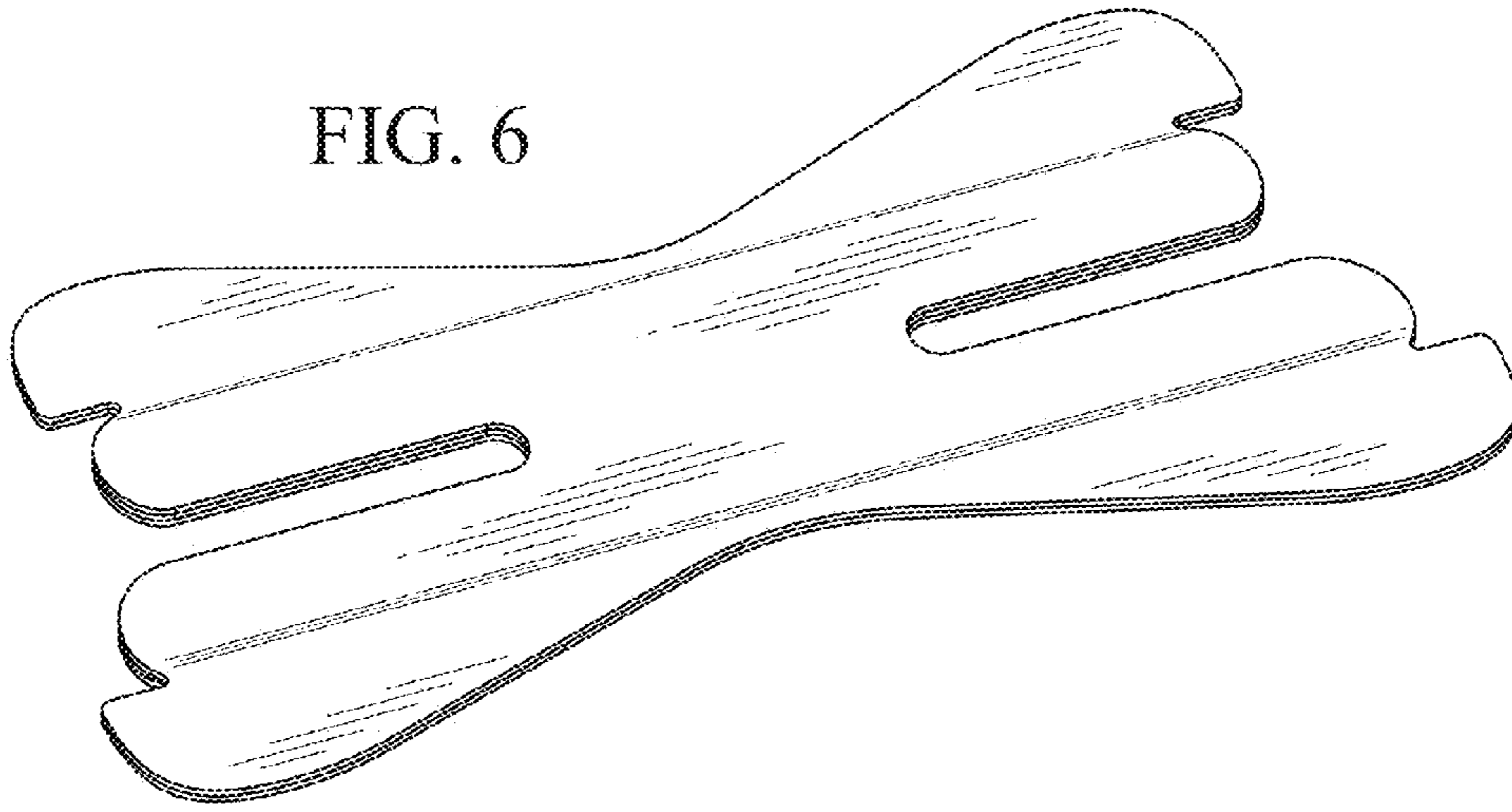


FIG. 7

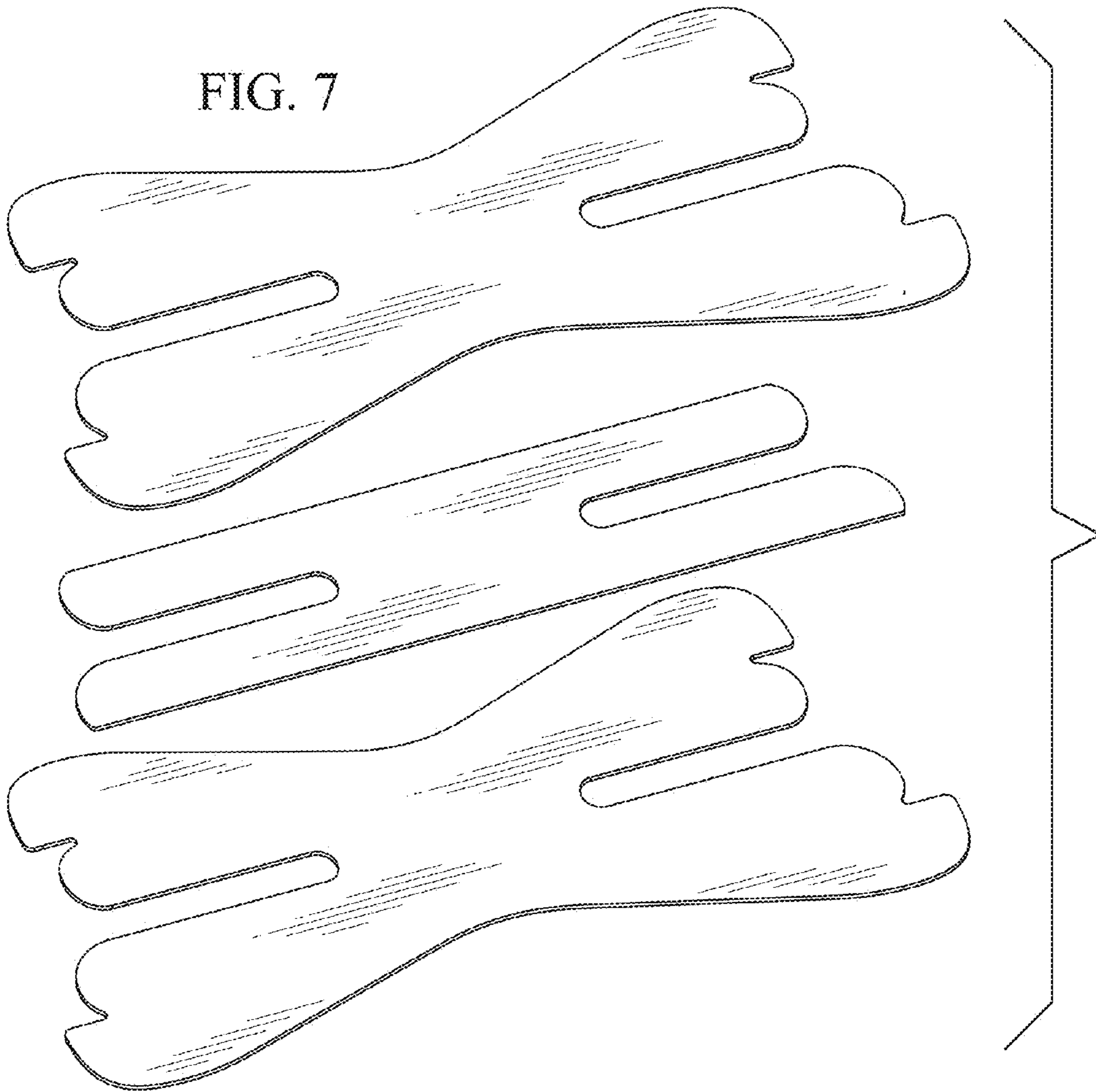


FIG. 11

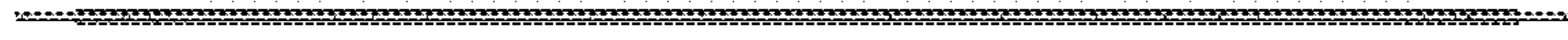


FIG. 8

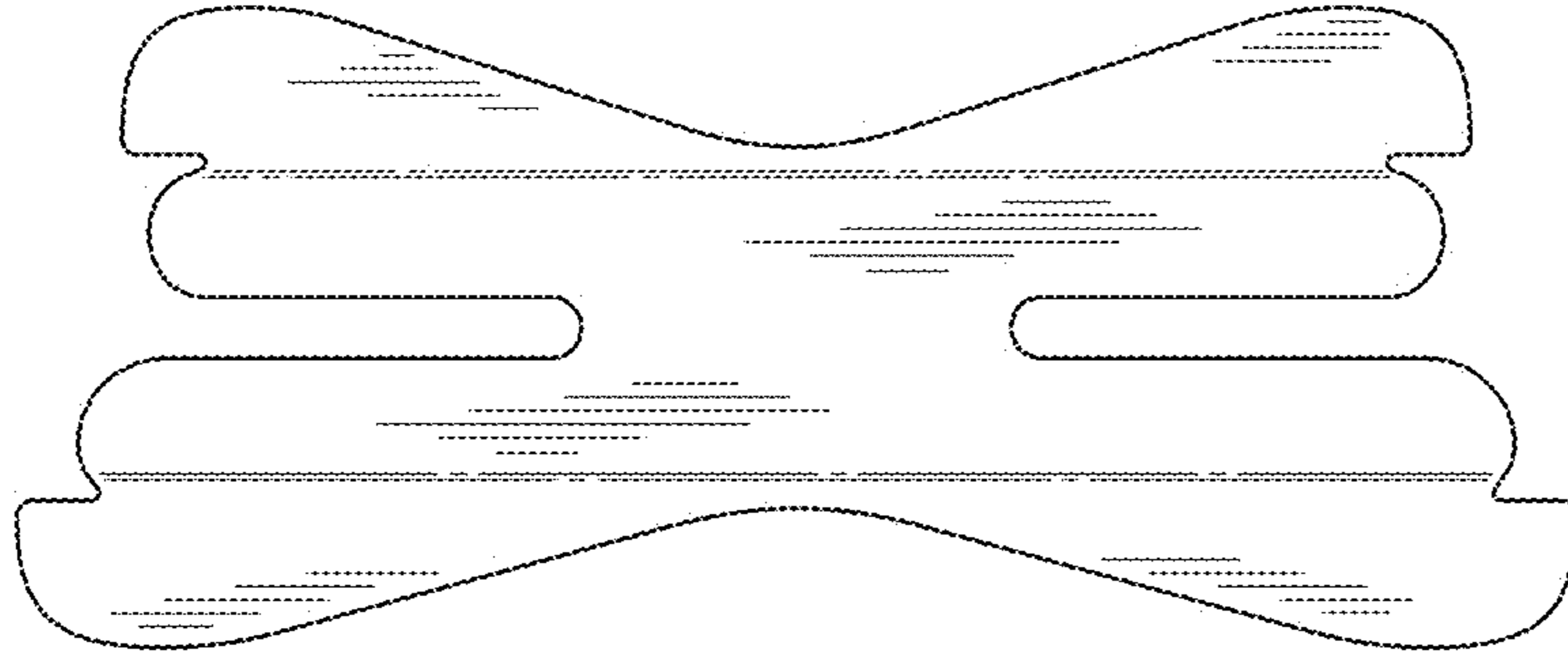


FIG. 9



FIG. 10

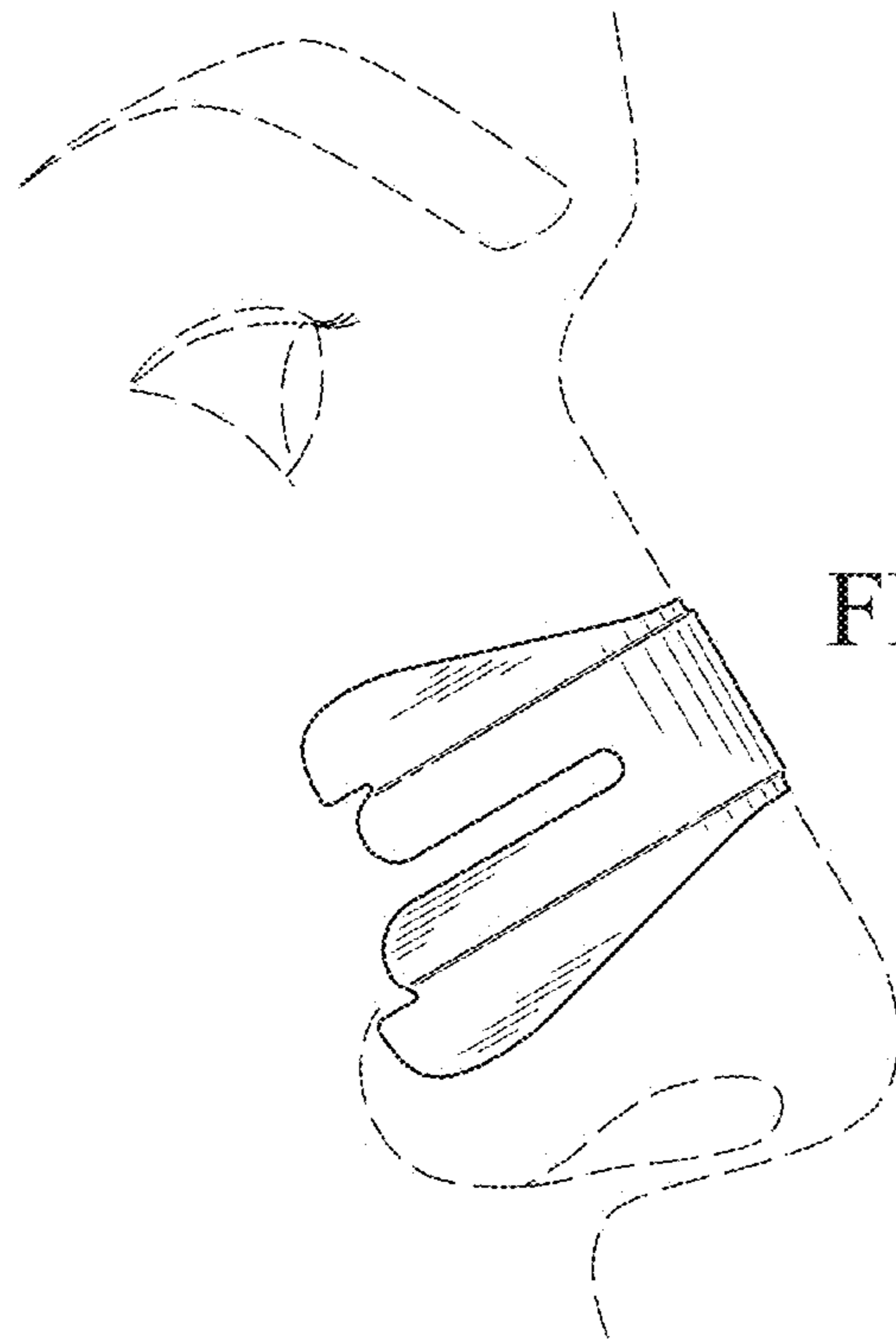


FIG. 12

FIG. 13

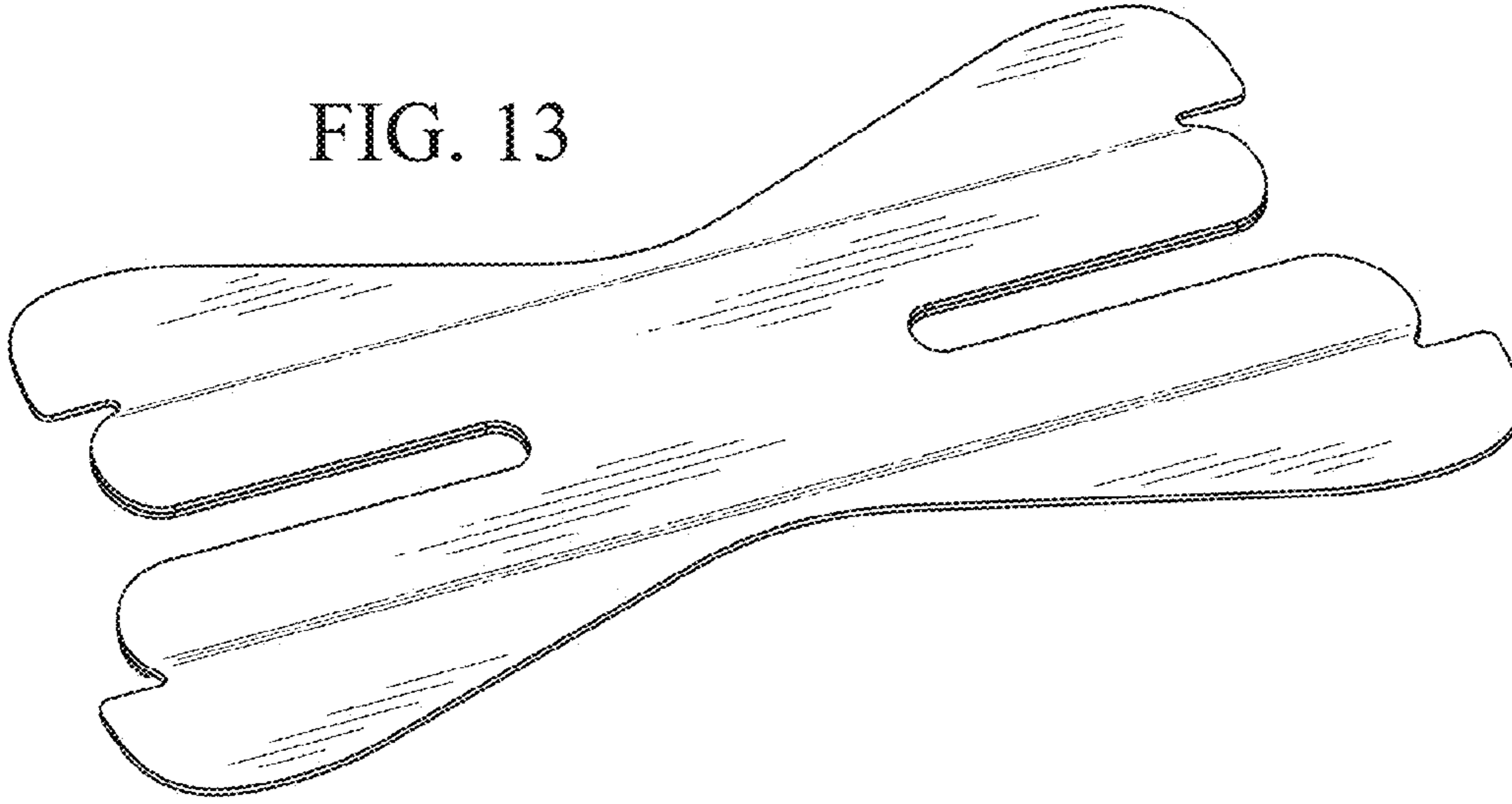


FIG. 14

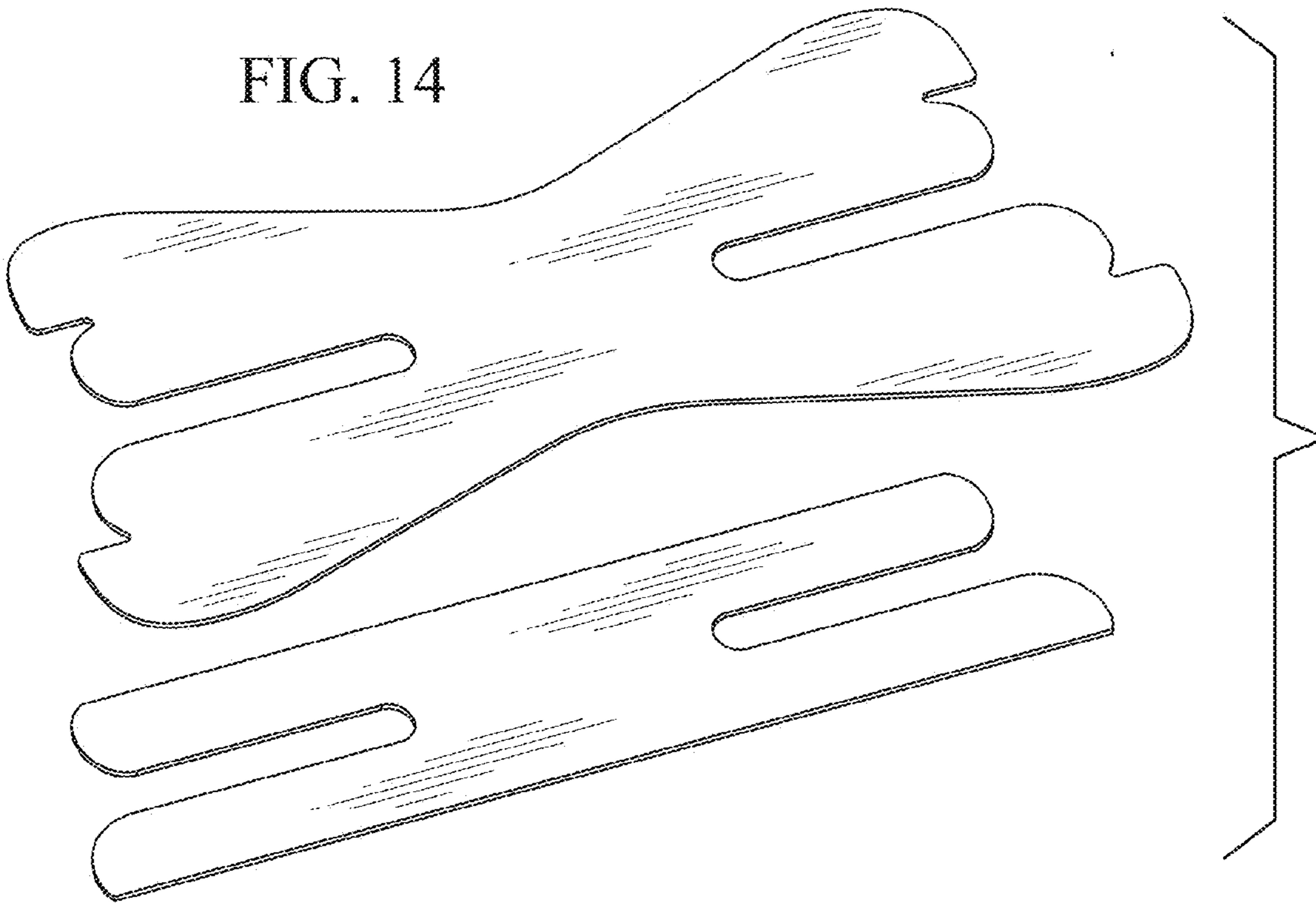


FIG. 18



FIG. 15

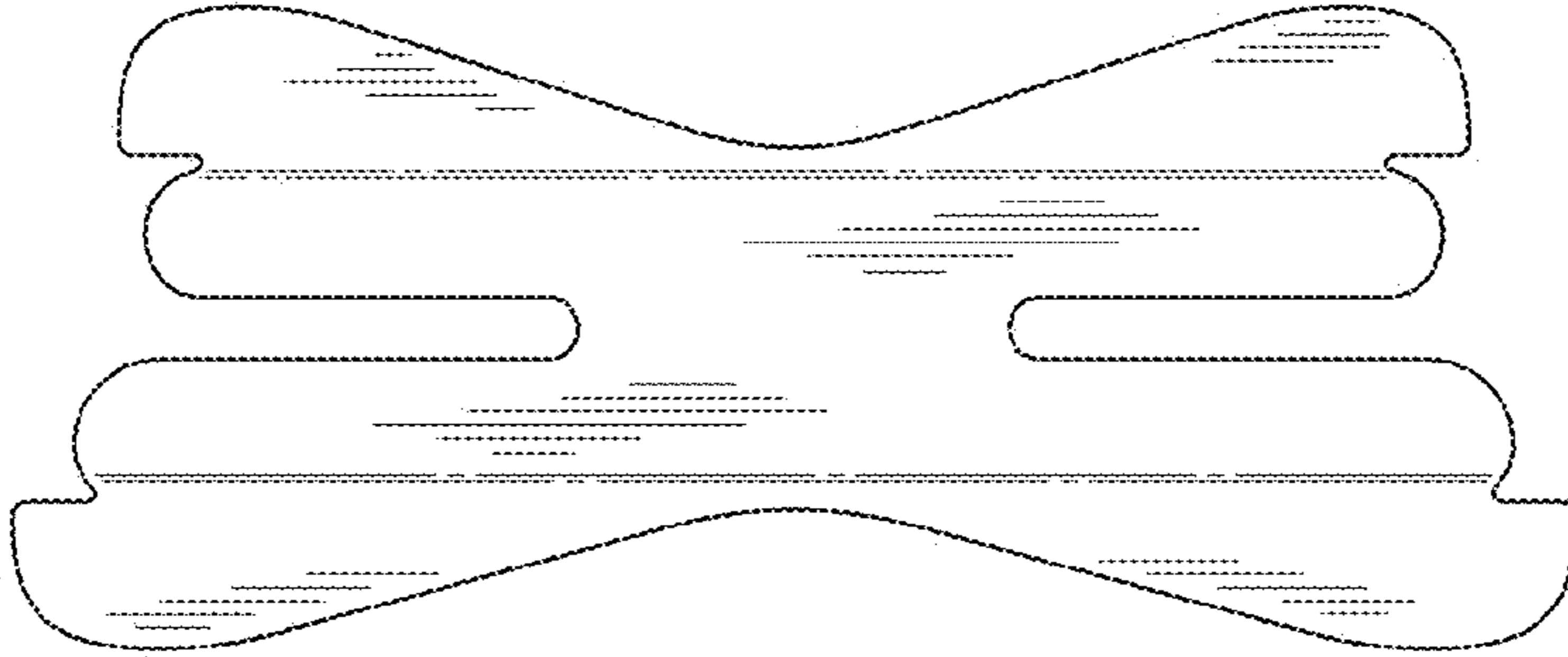


FIG. 16

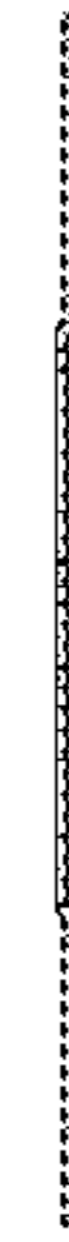


FIG. 17

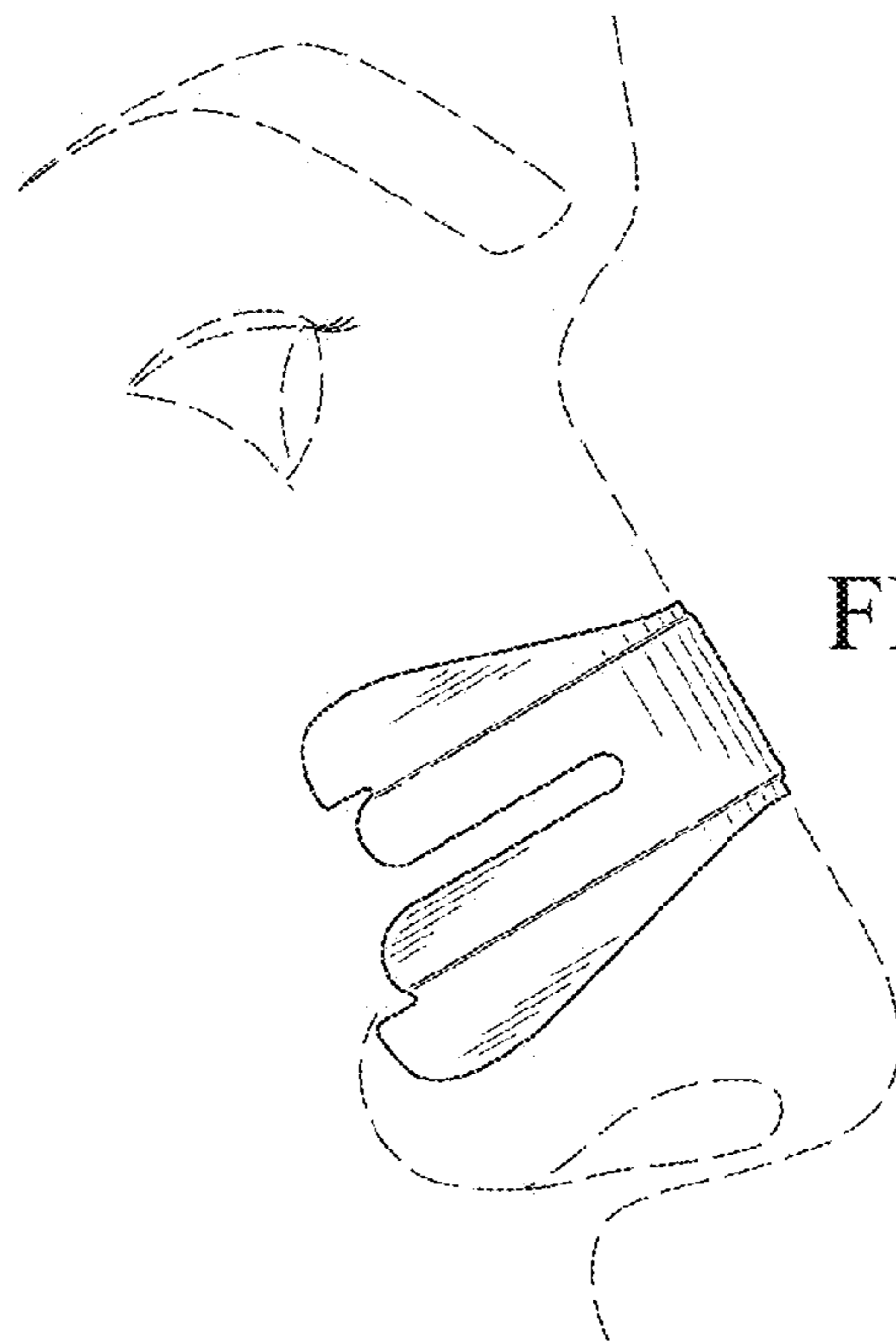


FIG. 19

FIG. 20

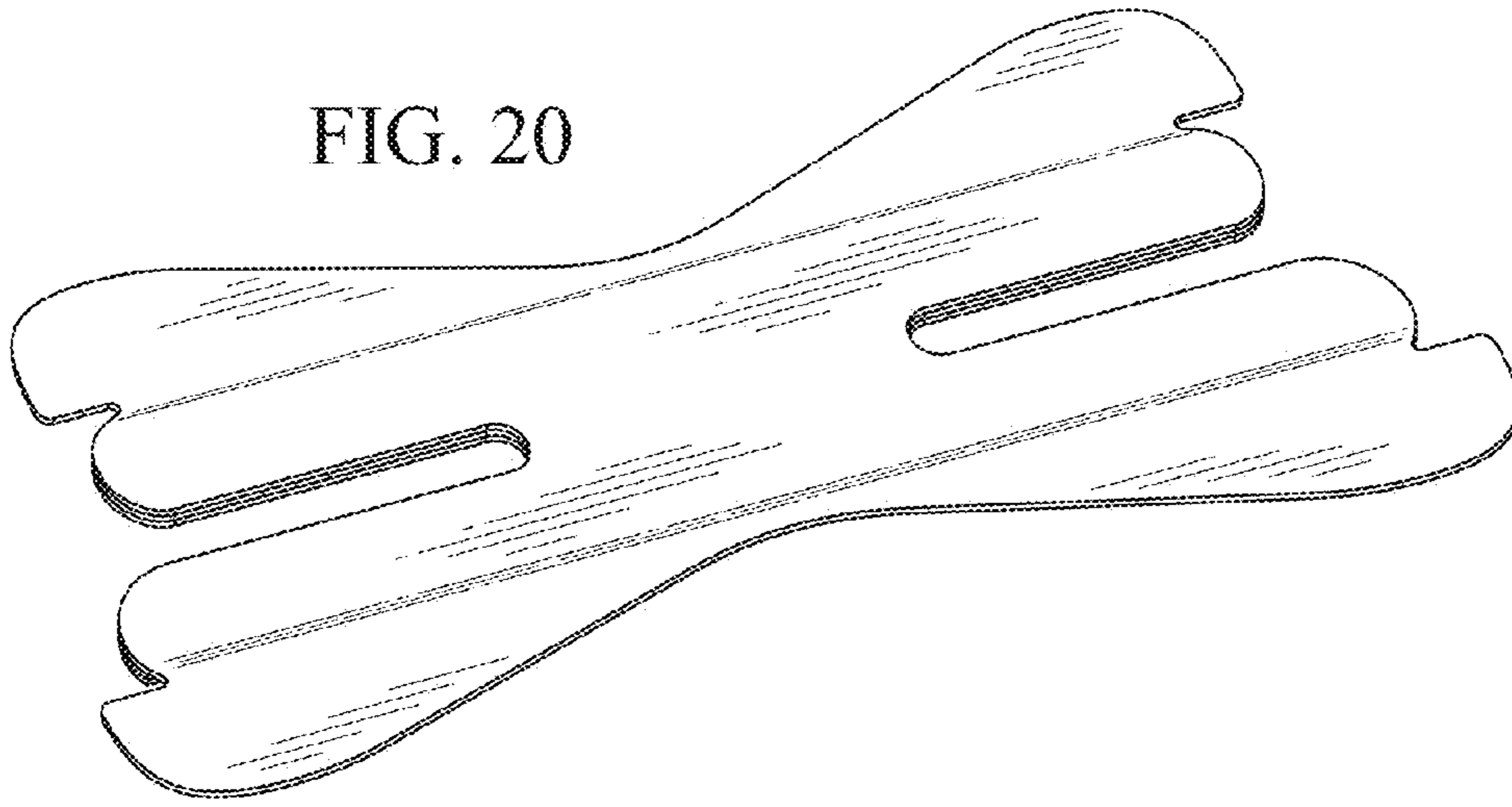


FIG. 21

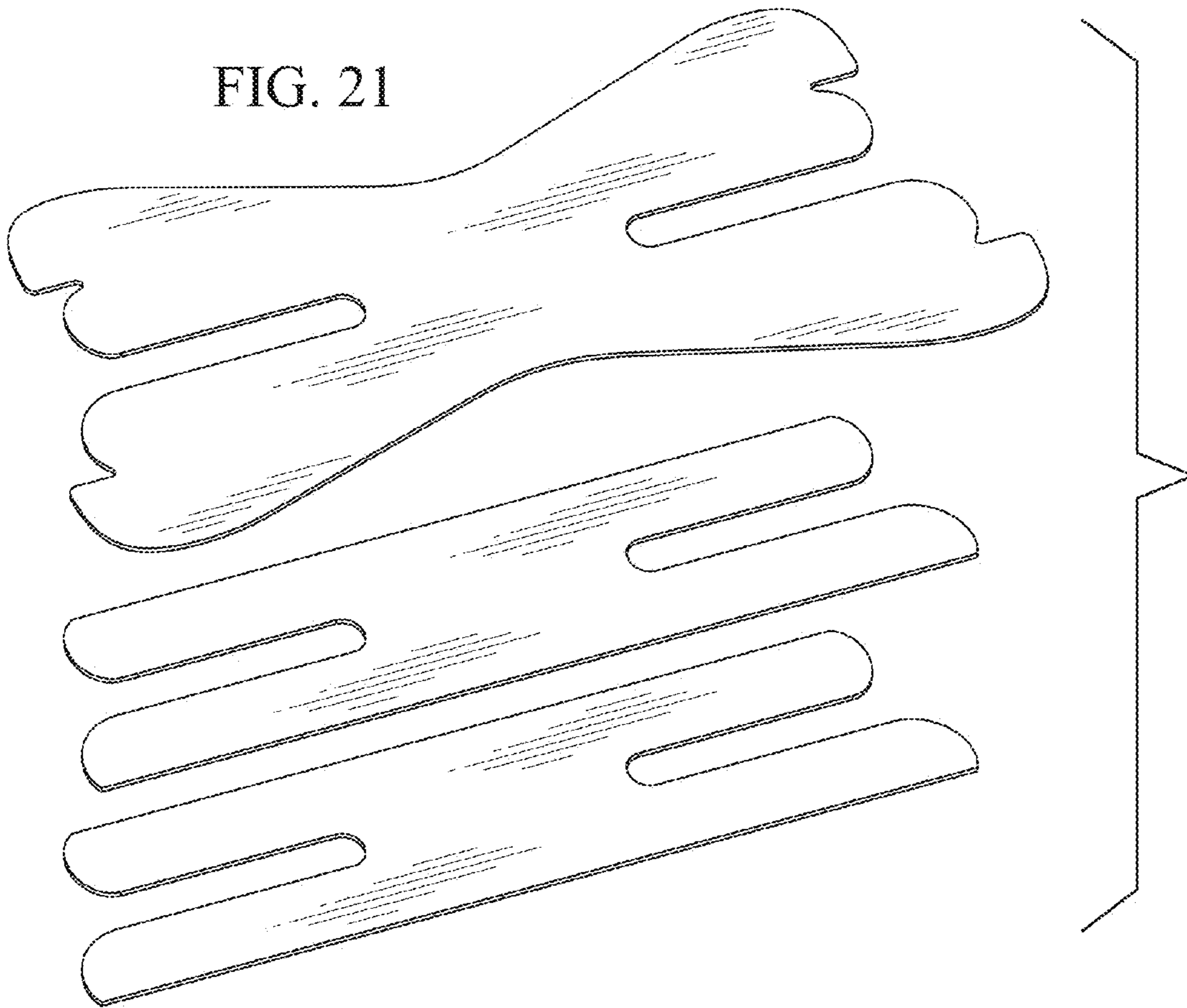


FIG. 25



FIG. 22

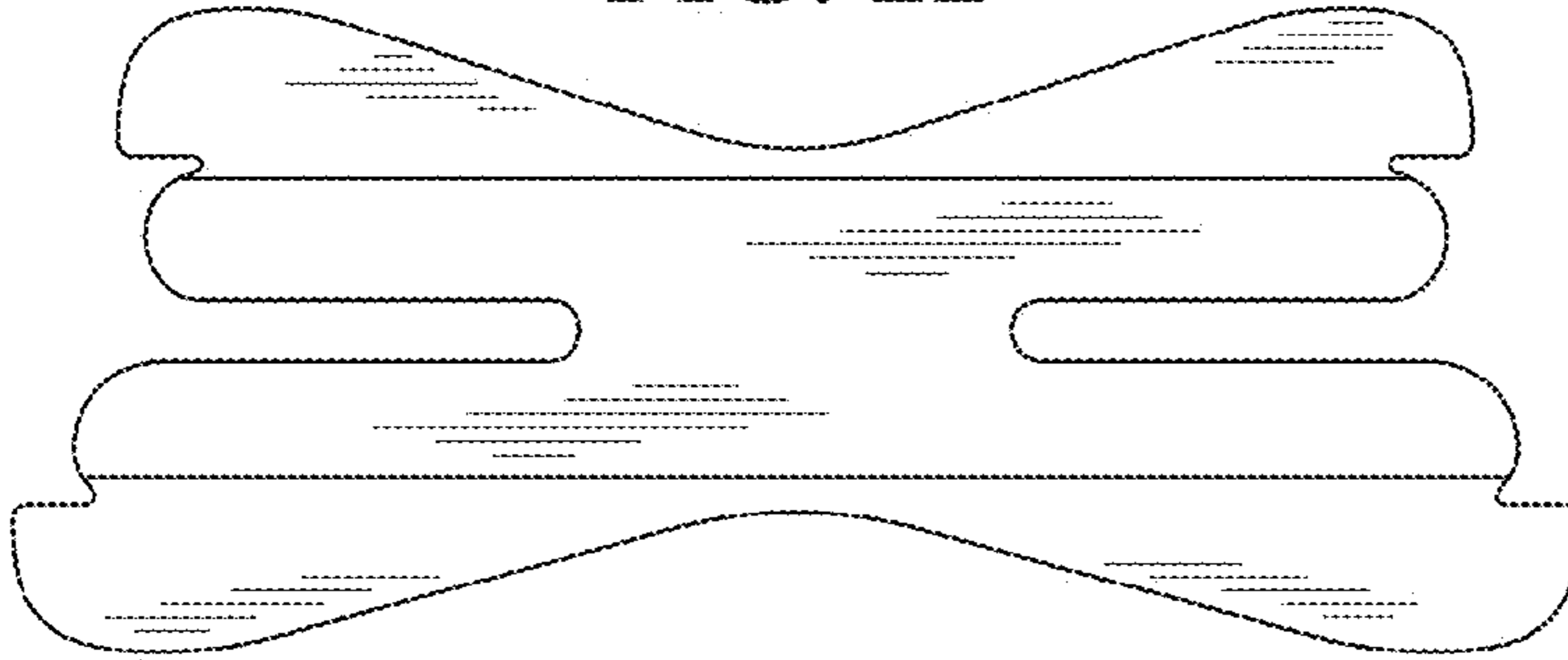


FIG. 23

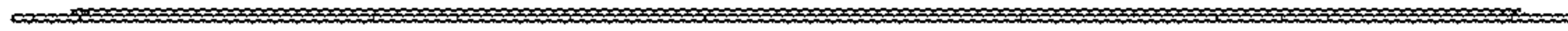


FIG. 24



FIG. 26

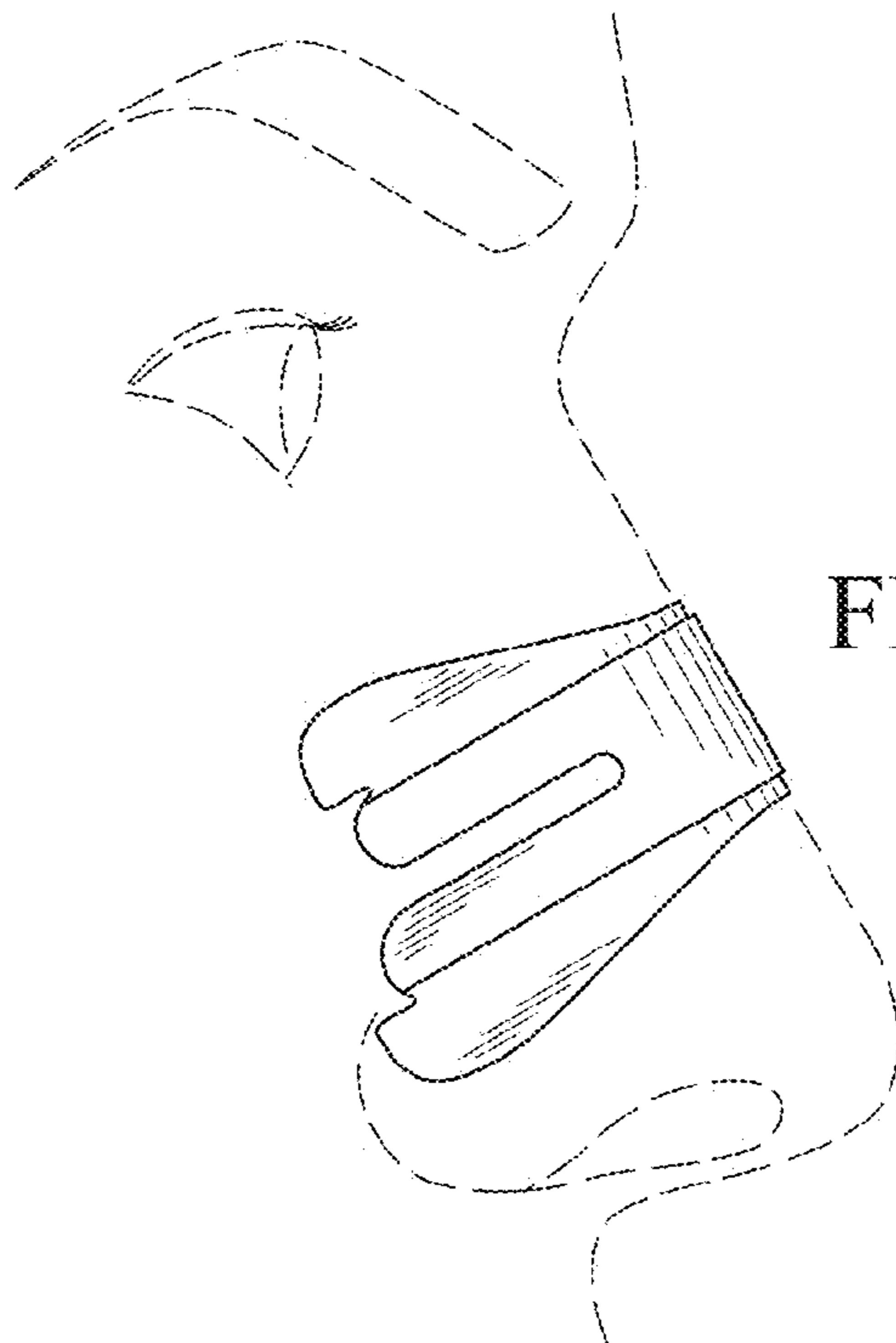


FIG. 27

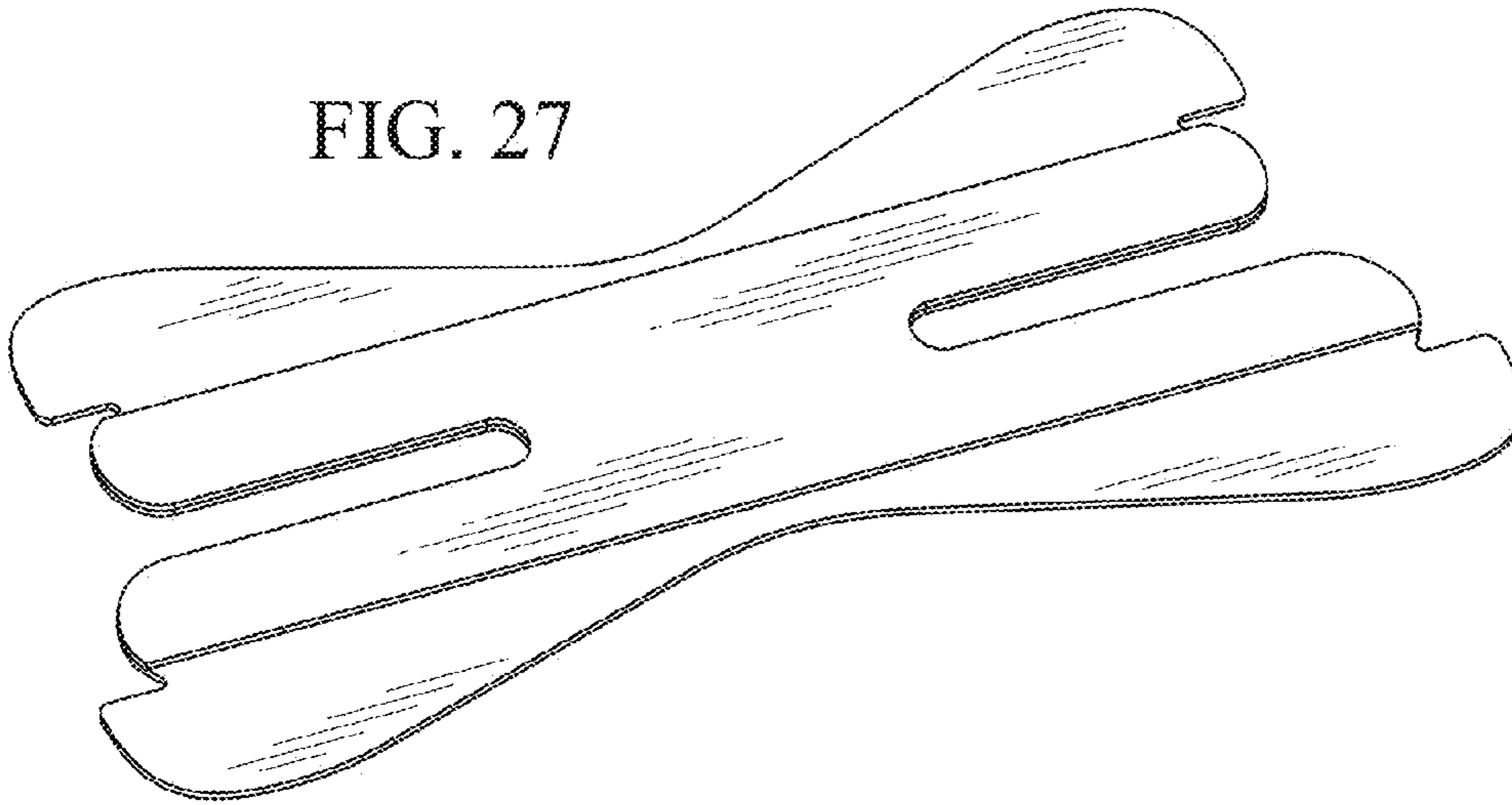


FIG. 28

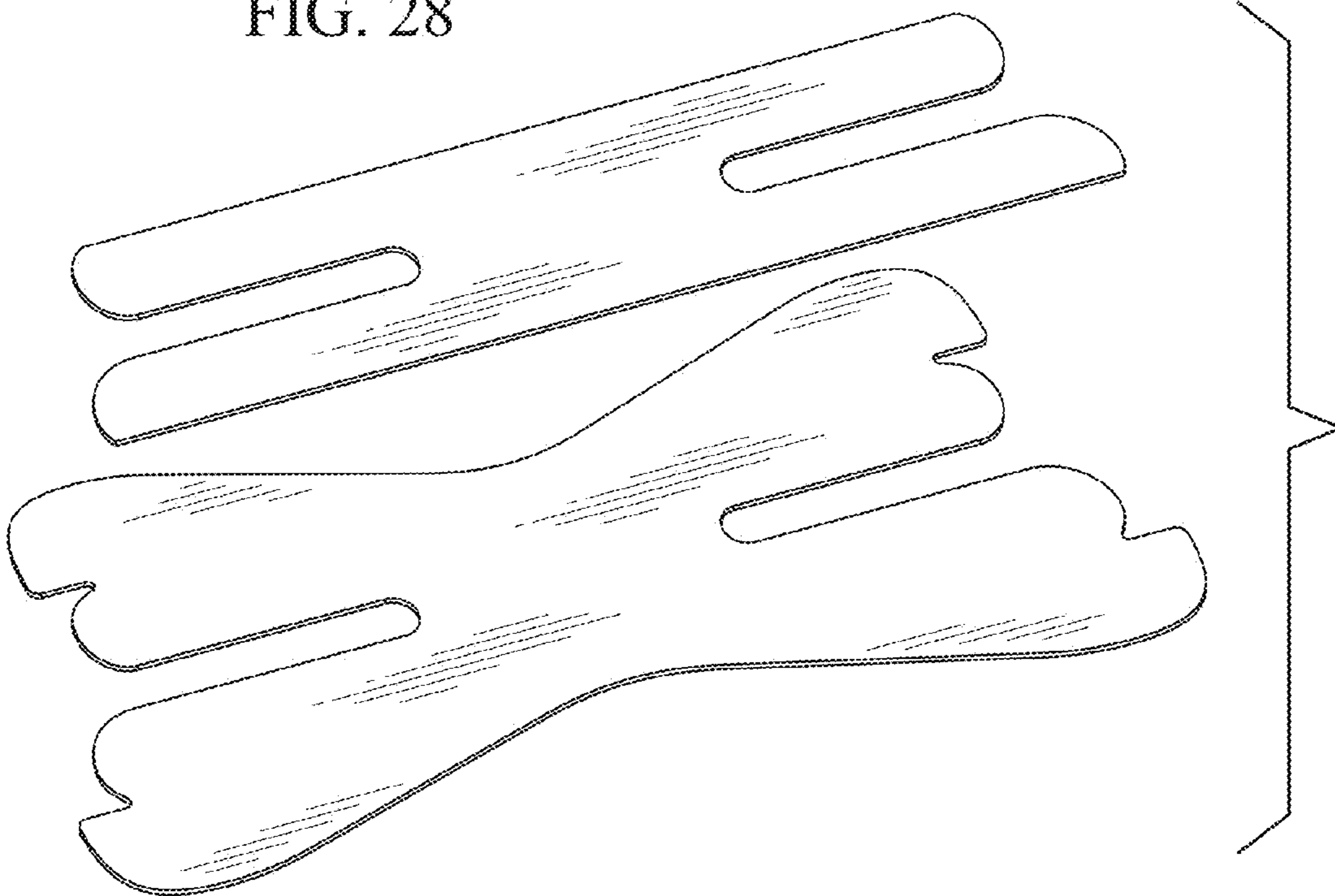


FIG. 29

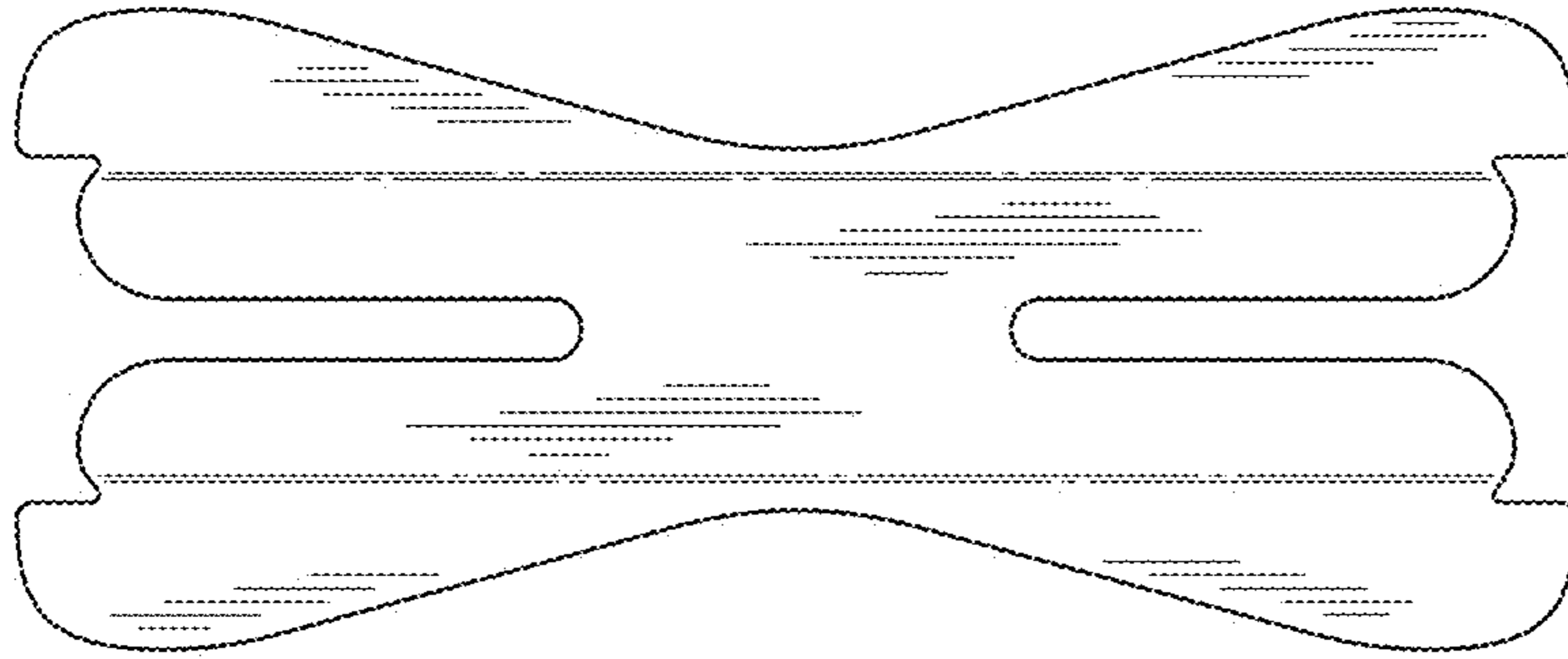


FIG. 30

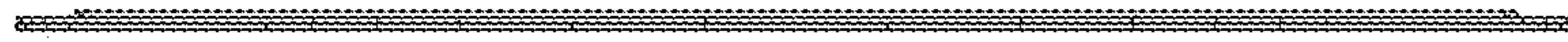


FIG. 31

FIG. 32

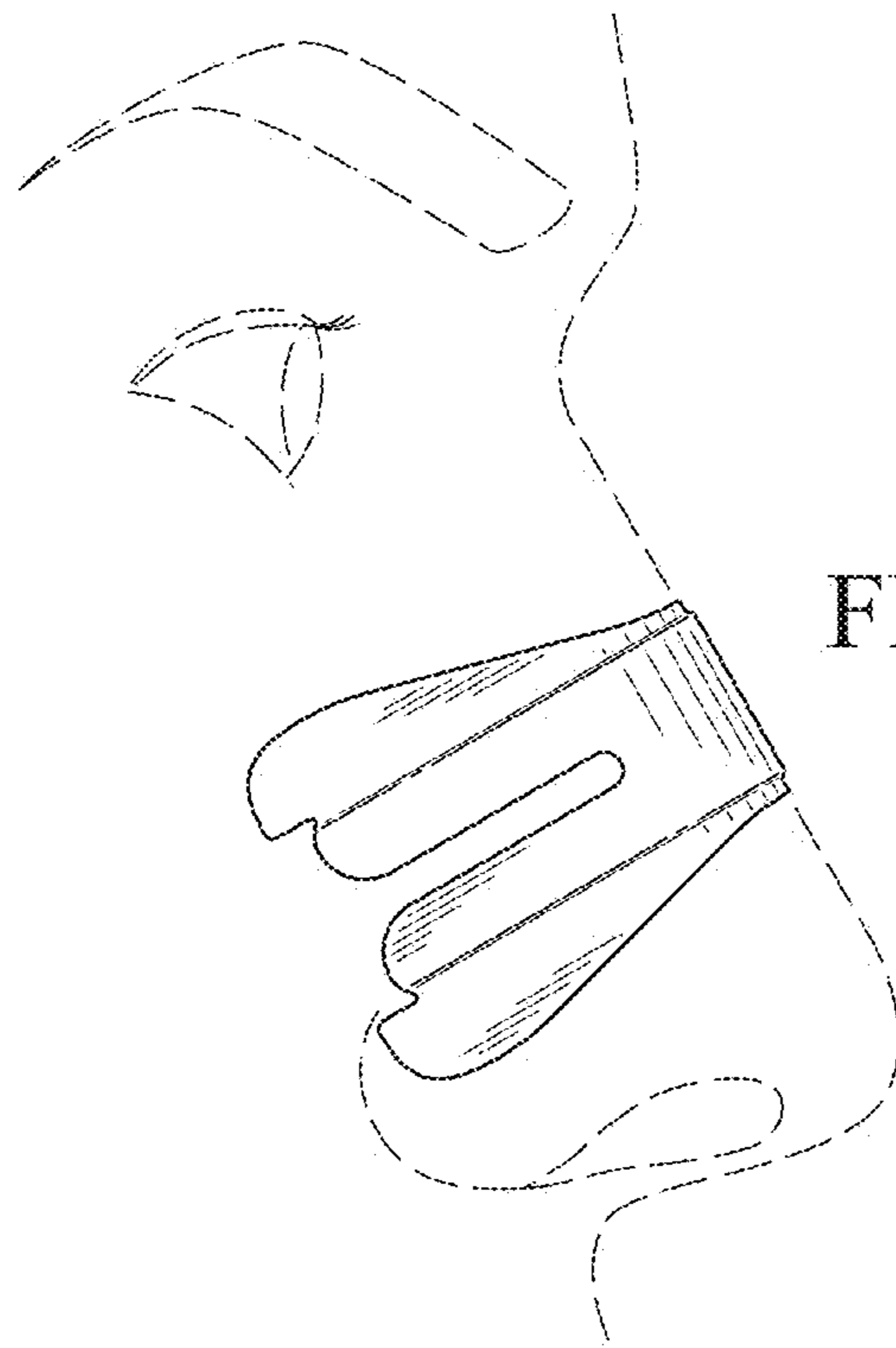


FIG. 33

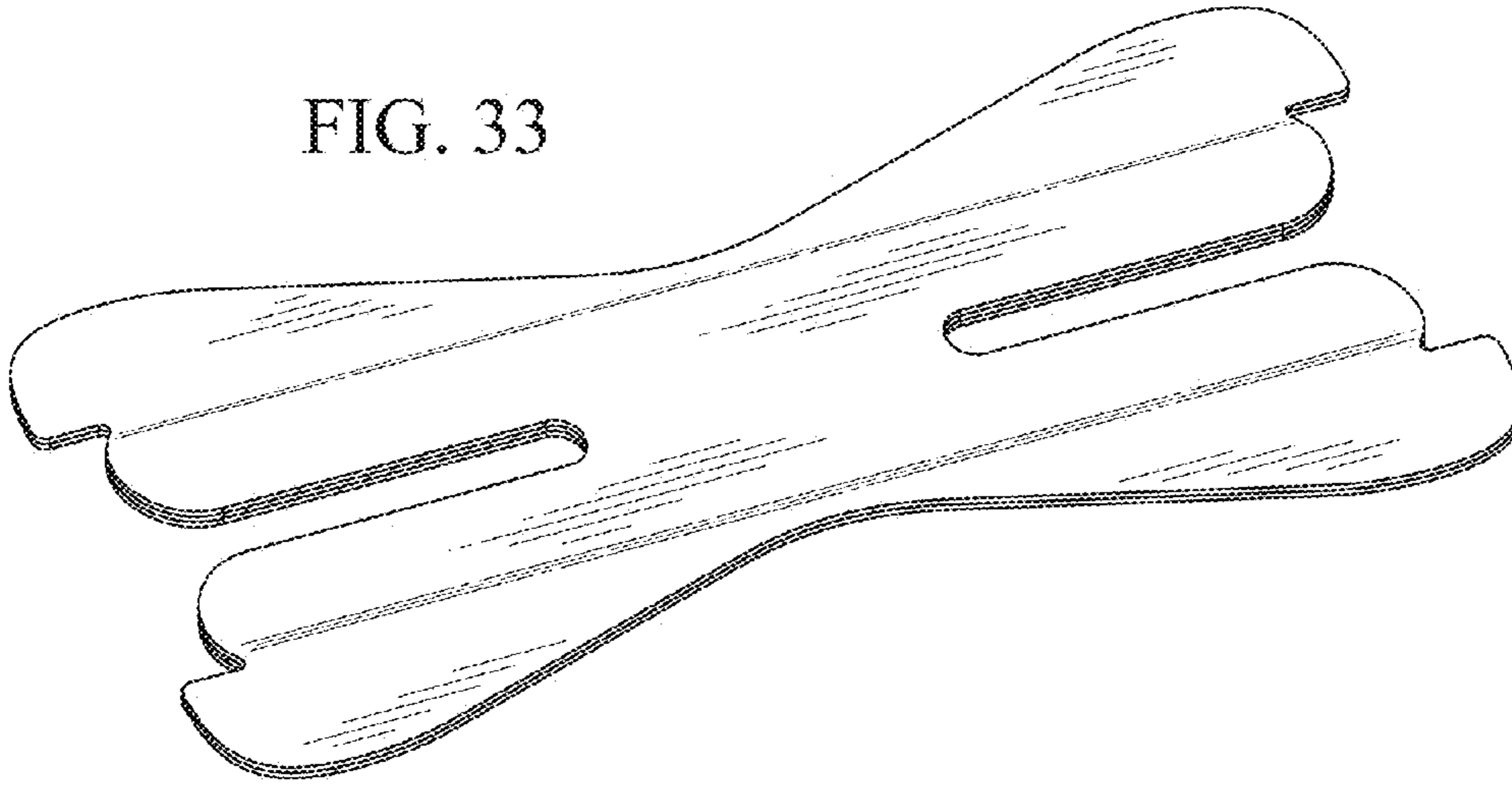


FIG. 34

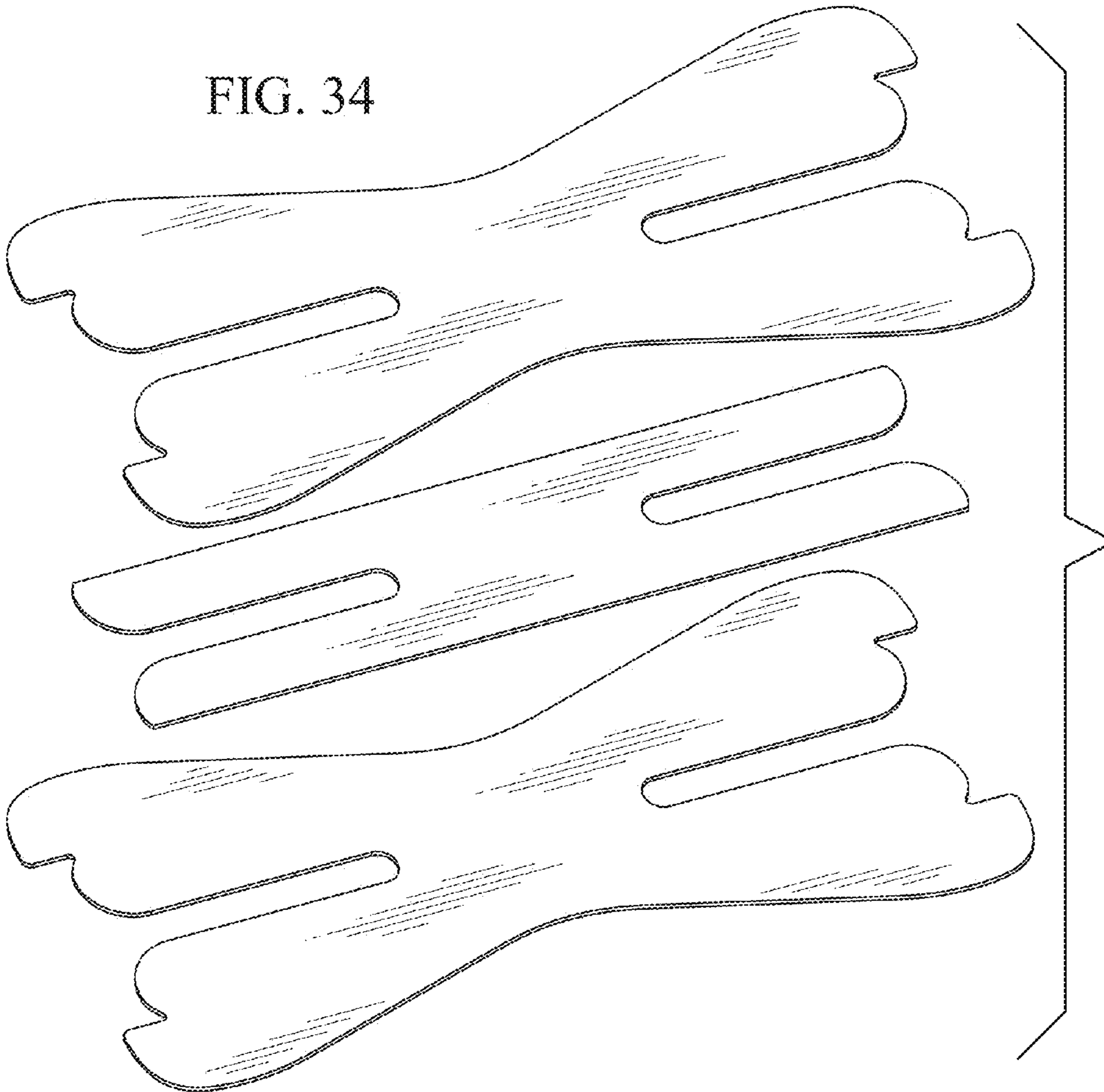


FIG. 35

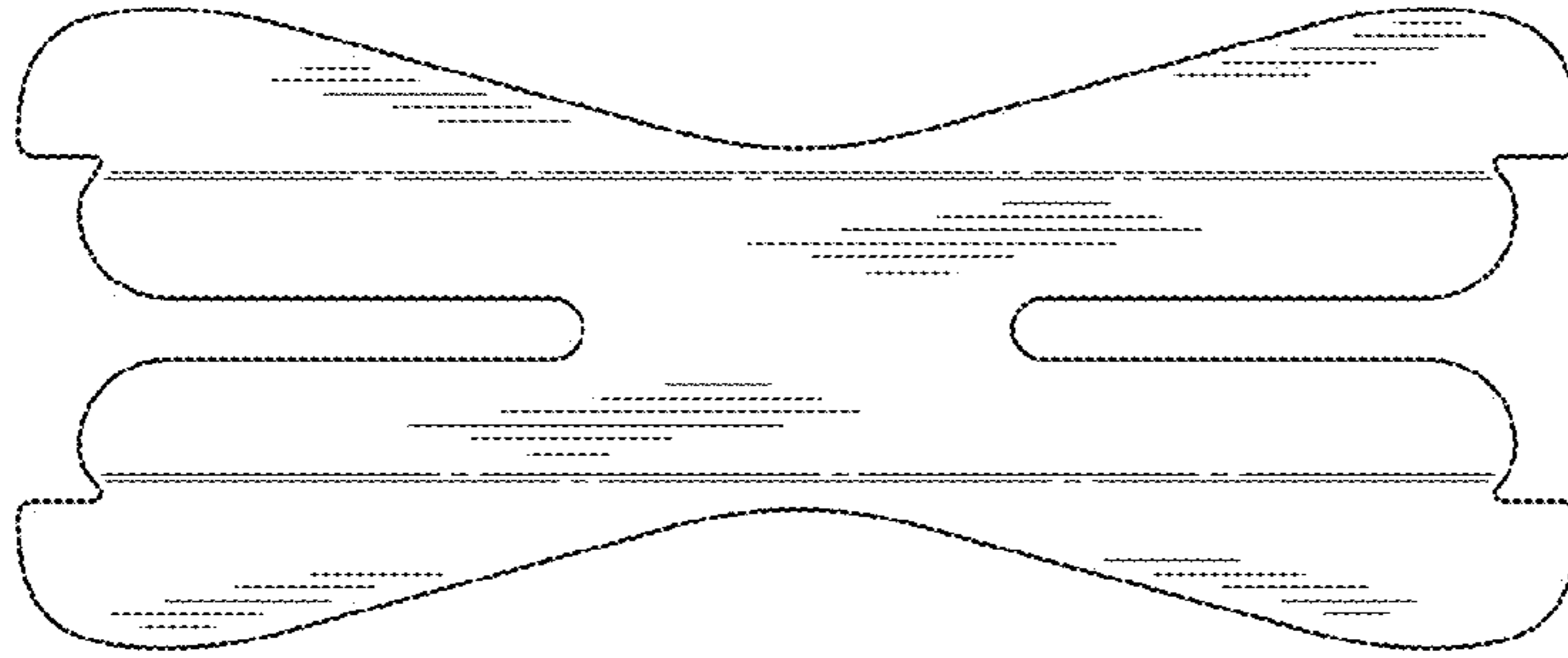


FIG. 36



FIG. 37

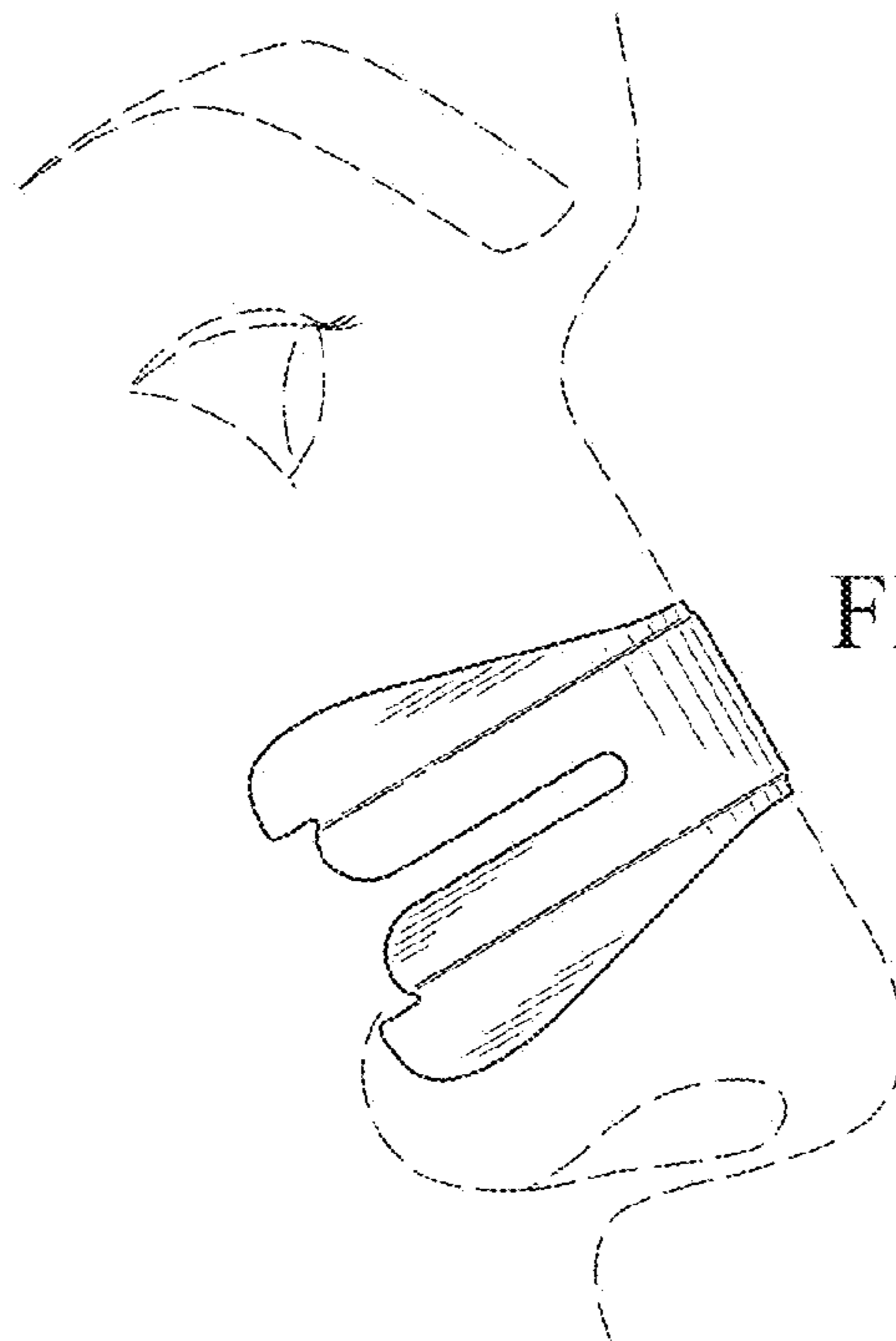


FIG. 38

FIG. 39

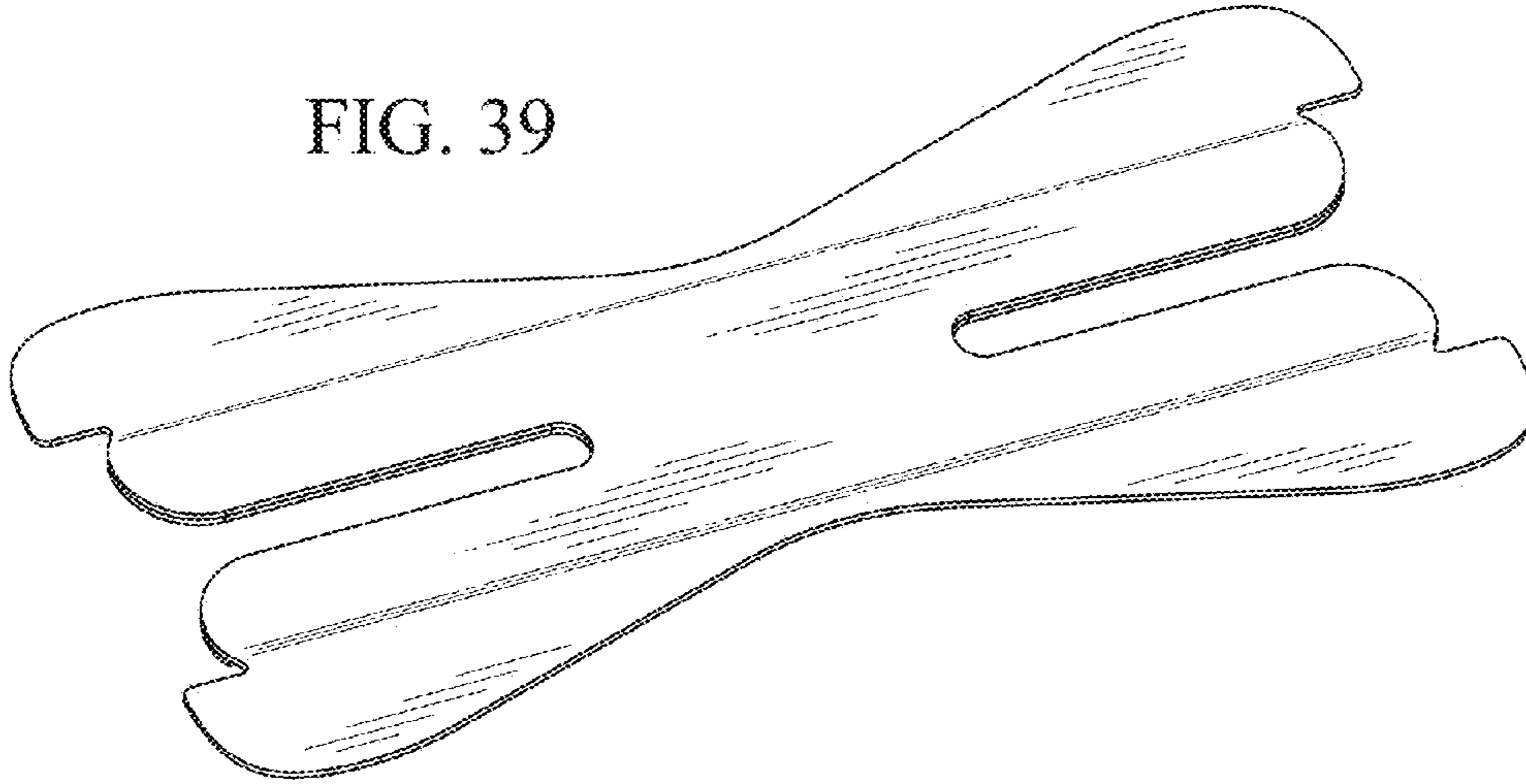


FIG. 40

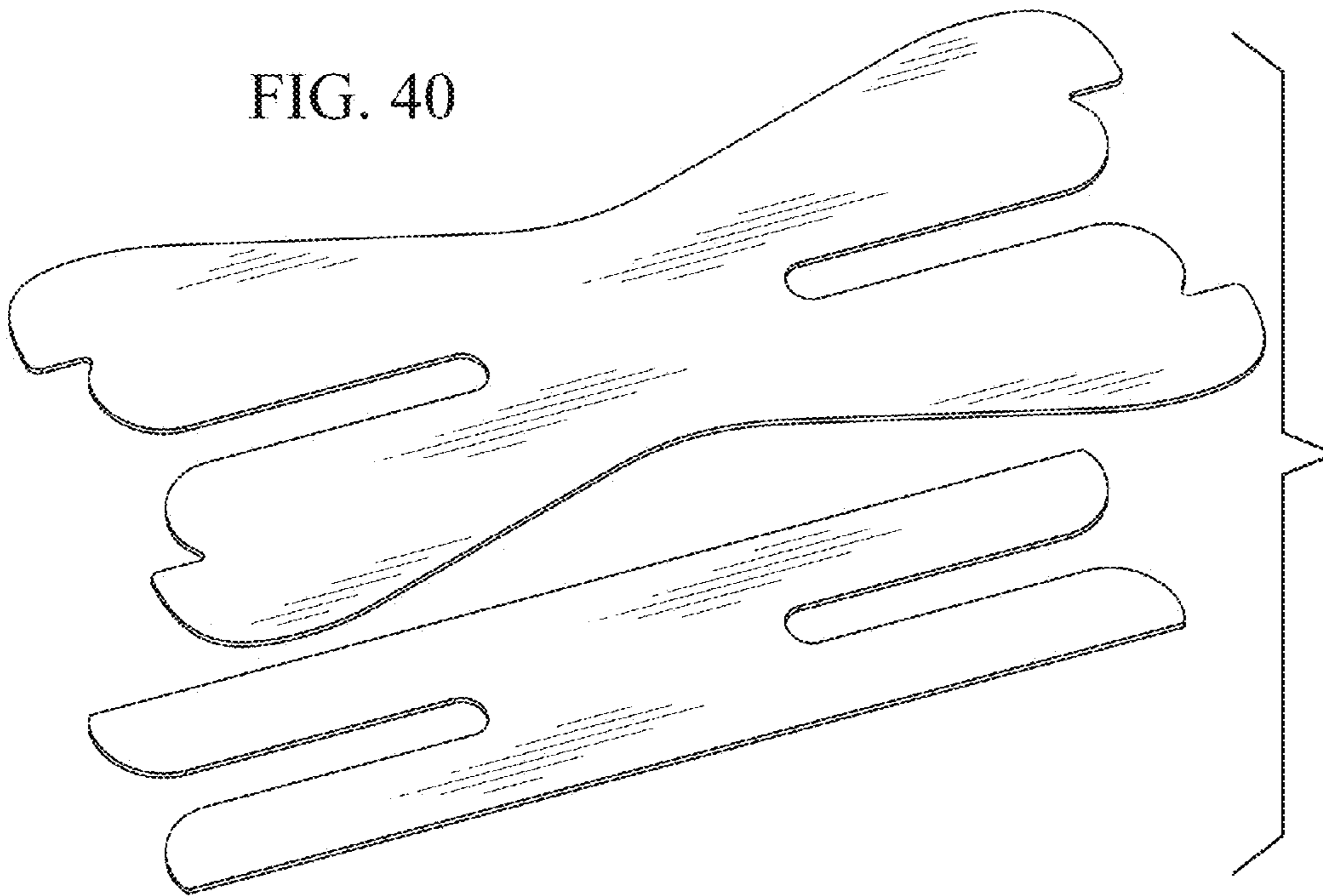


FIG. 41

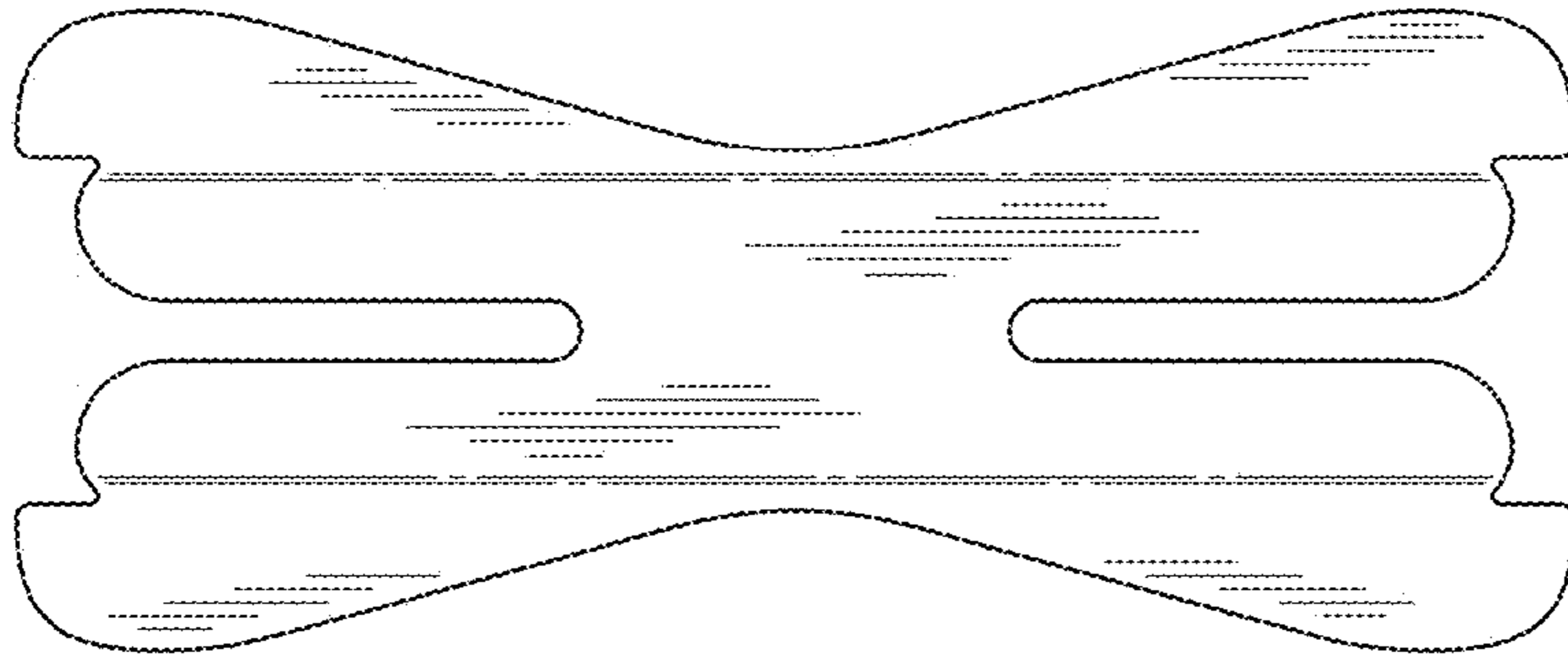


FIG. 42



FIG. 43

FIG. 44

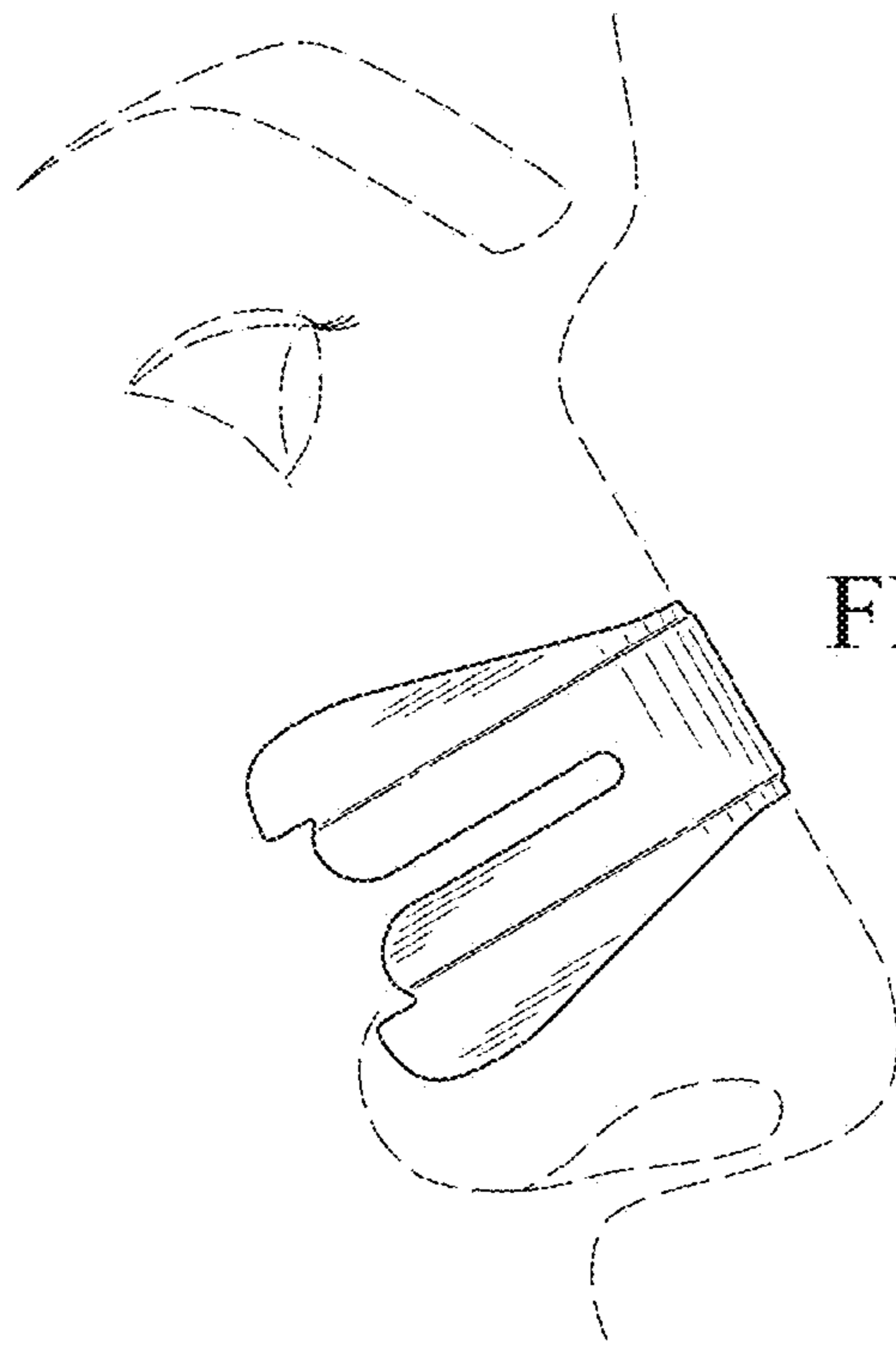


FIG. 45

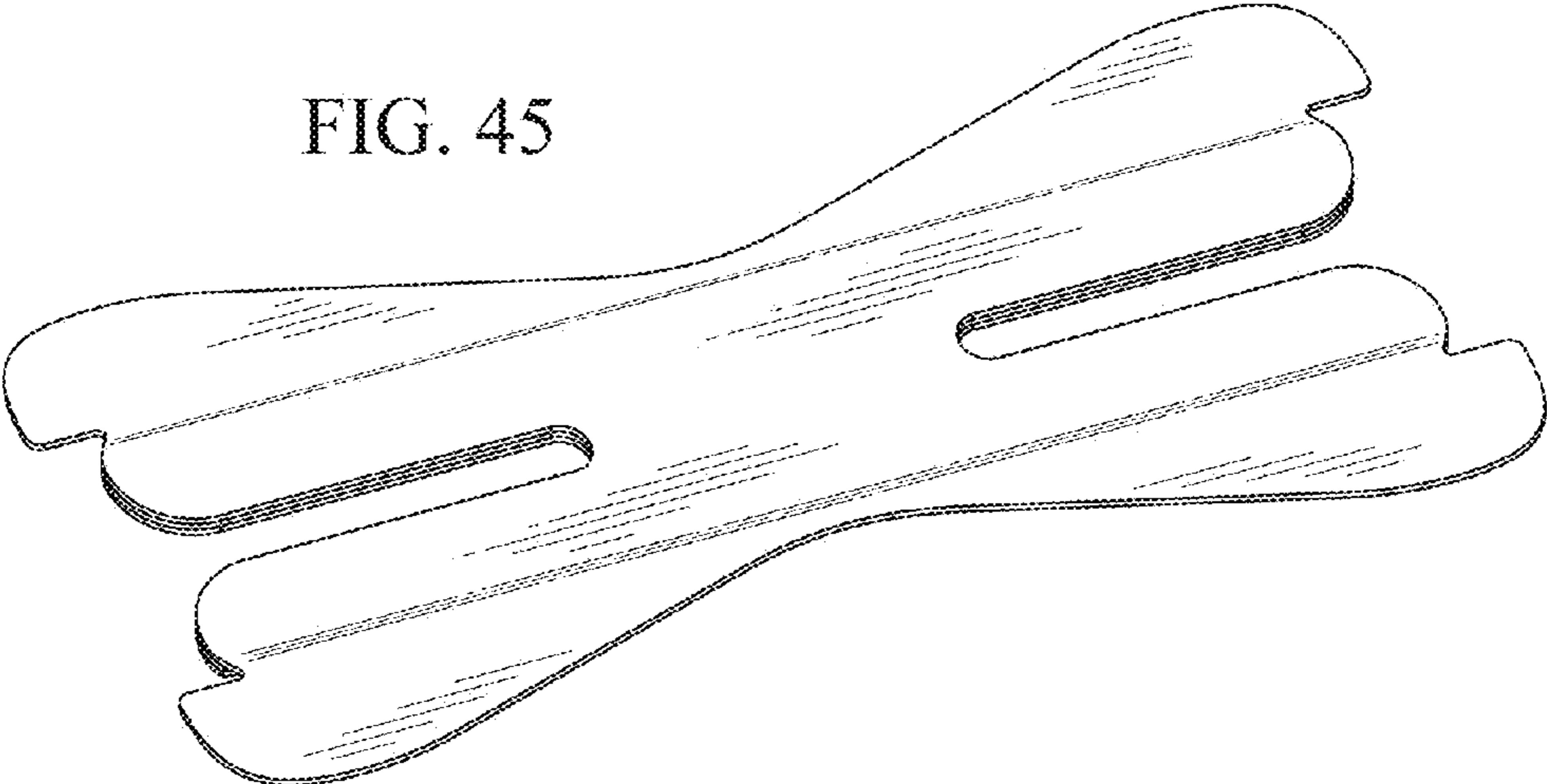


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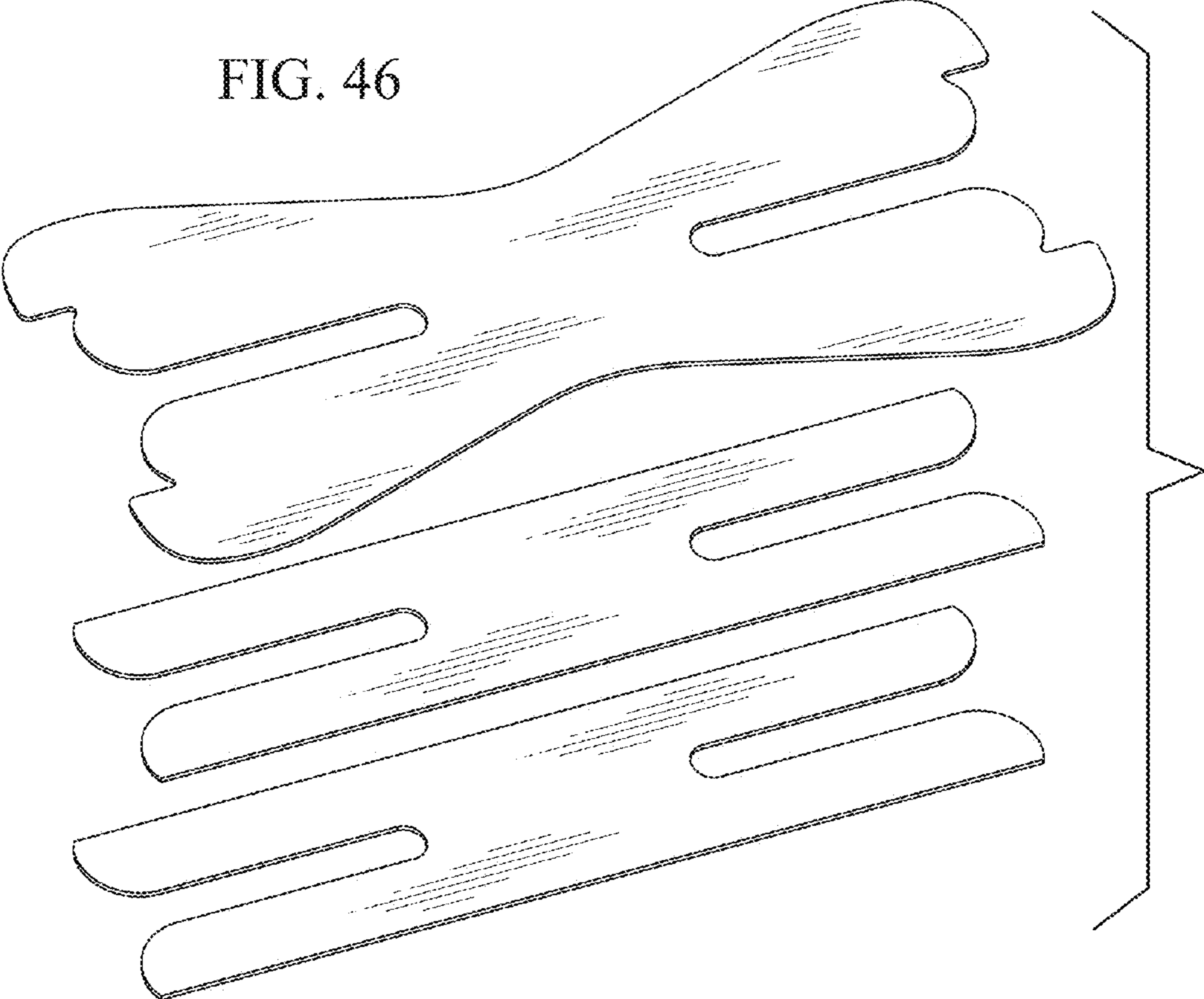


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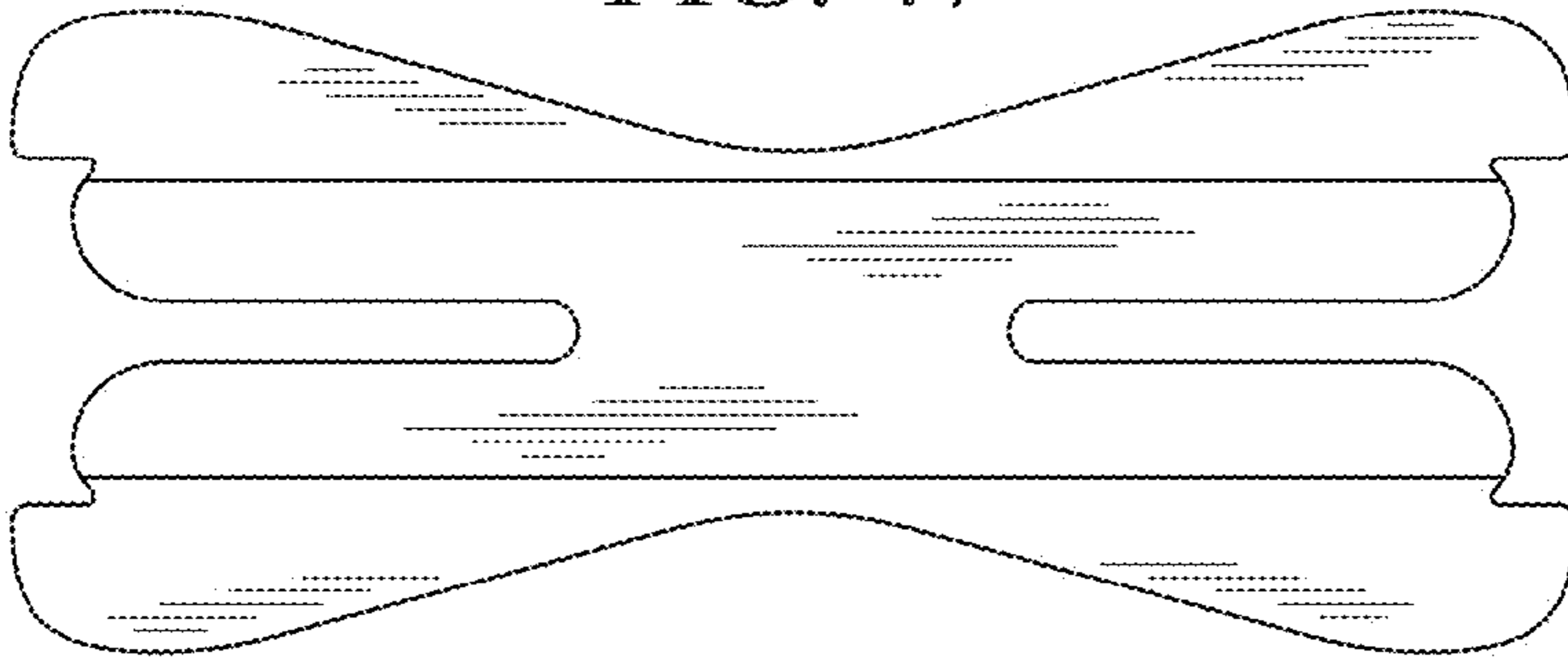


FIG. 48

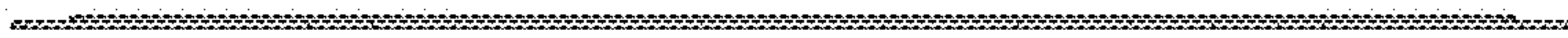


FIG. 49



FIG. 50

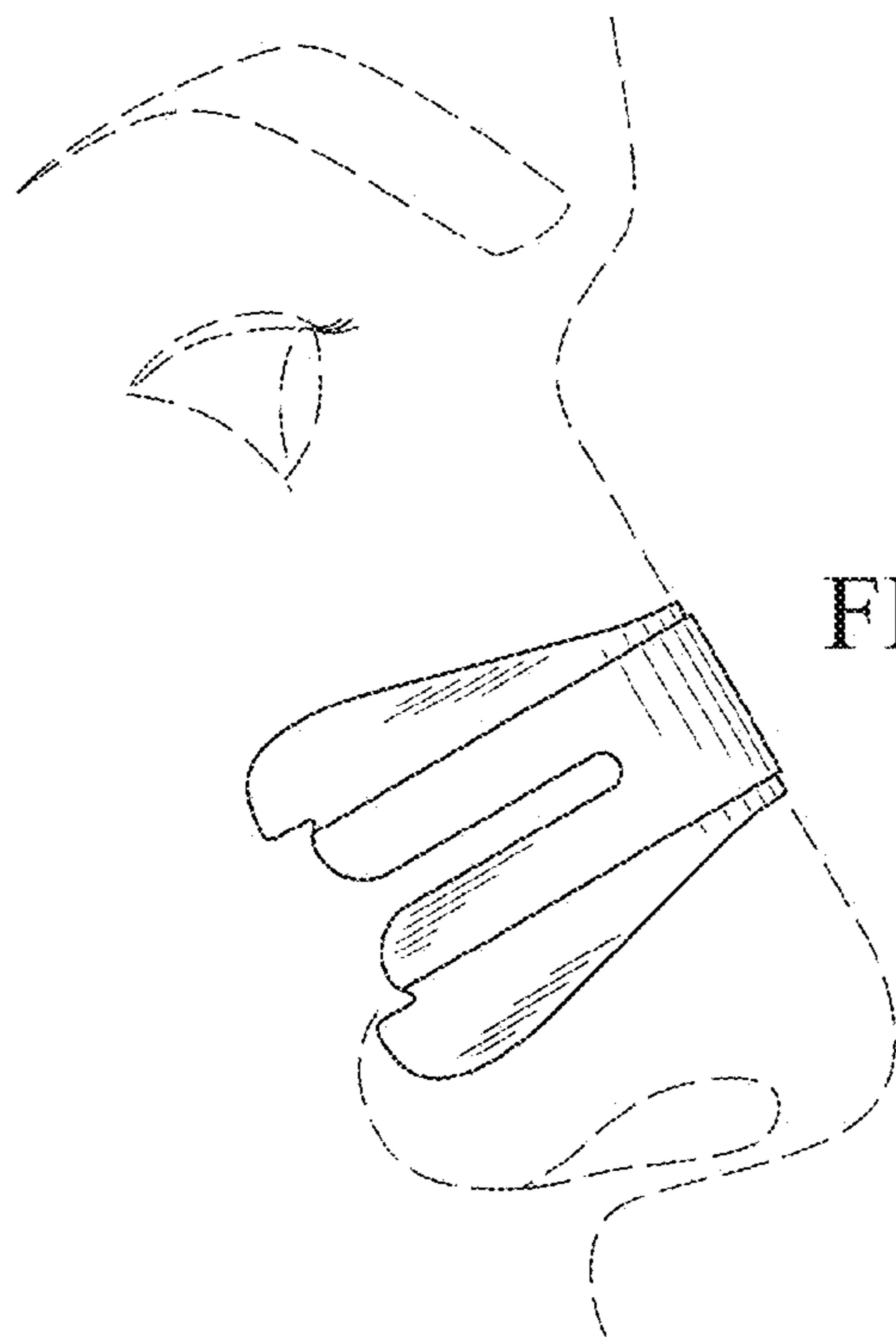


FIG. 51

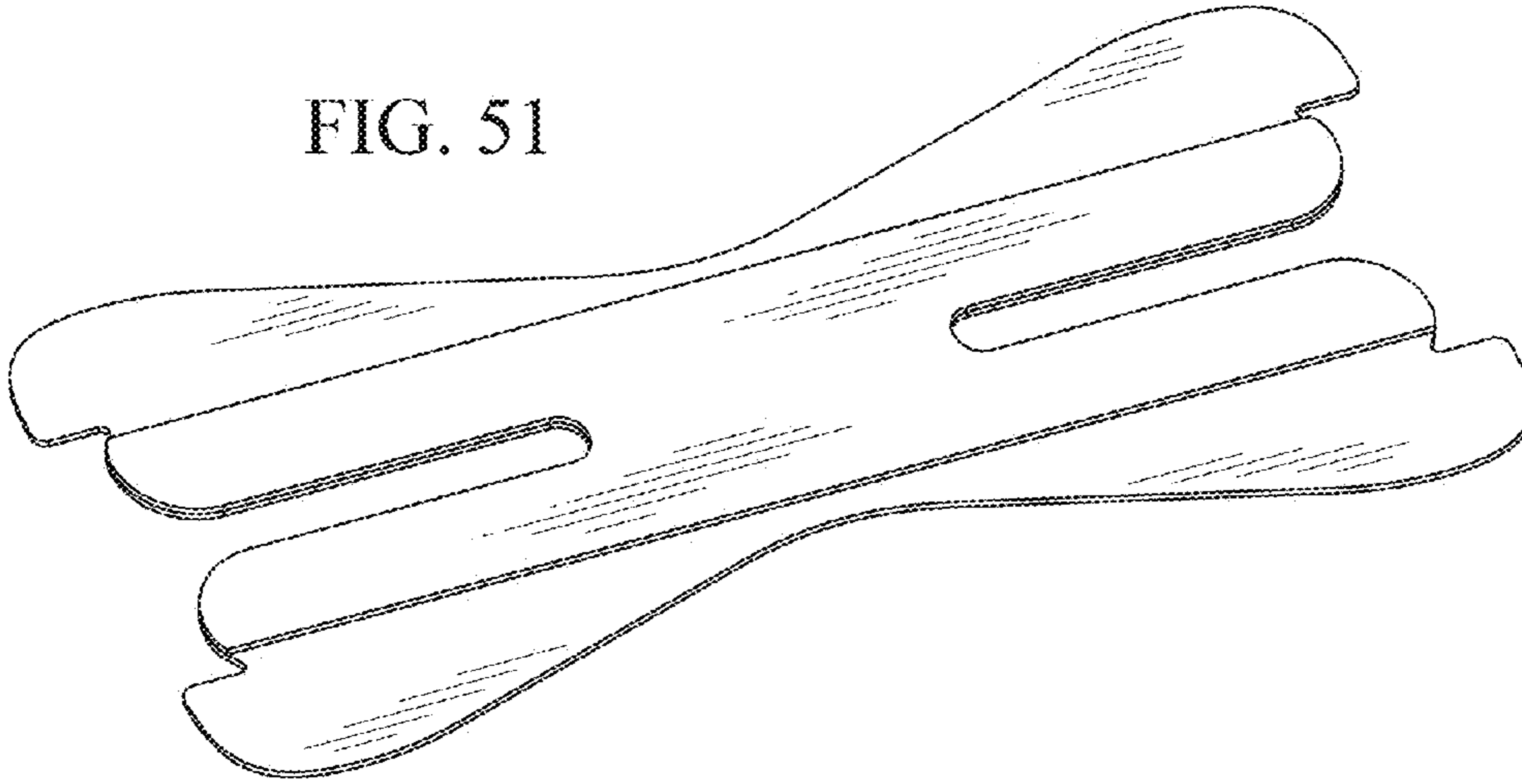


FIG. 52

