

US00D894382S

(12) **United States Design Patent**
Ierulli

(10) **Patent No.:** **US D894,382 S**

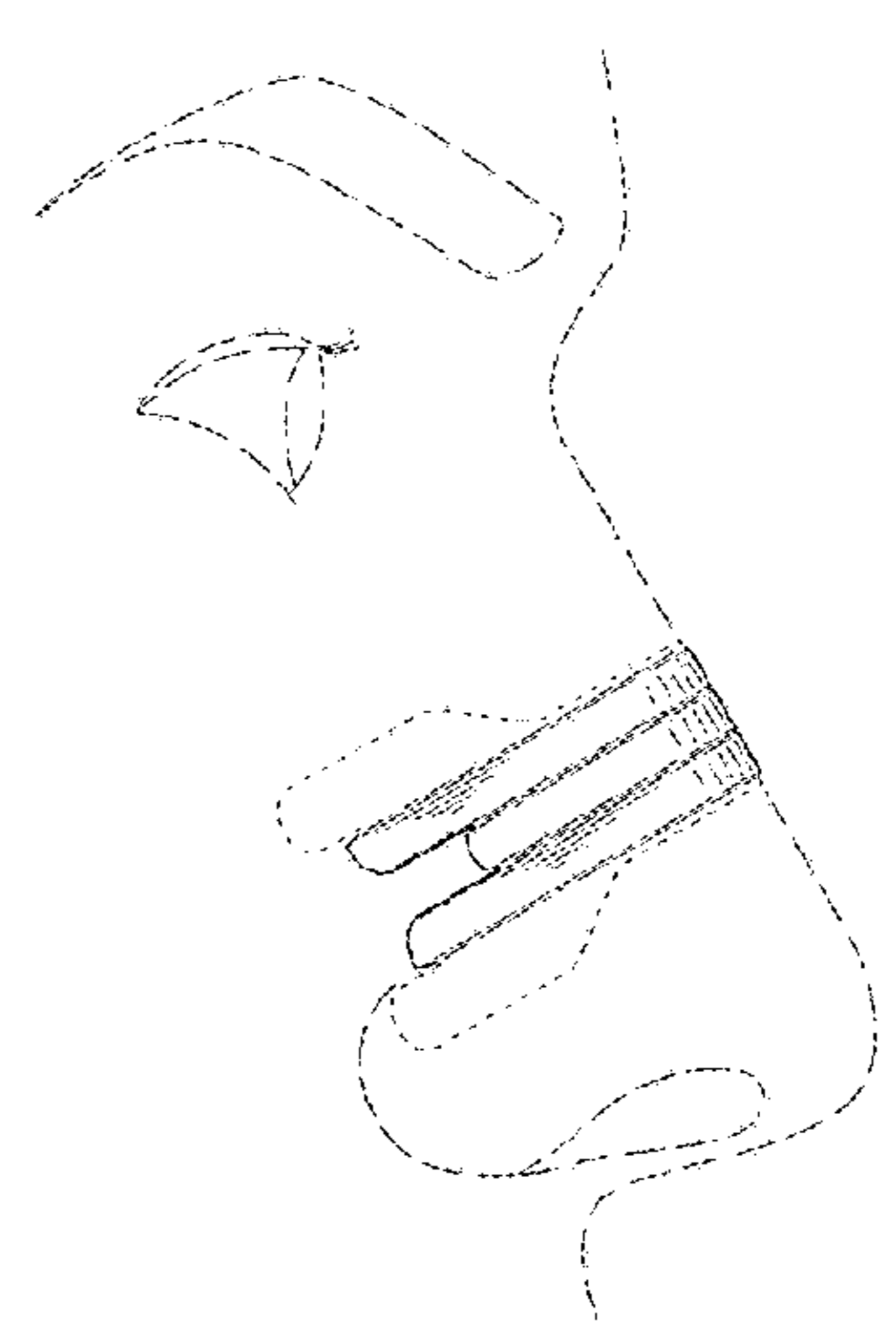
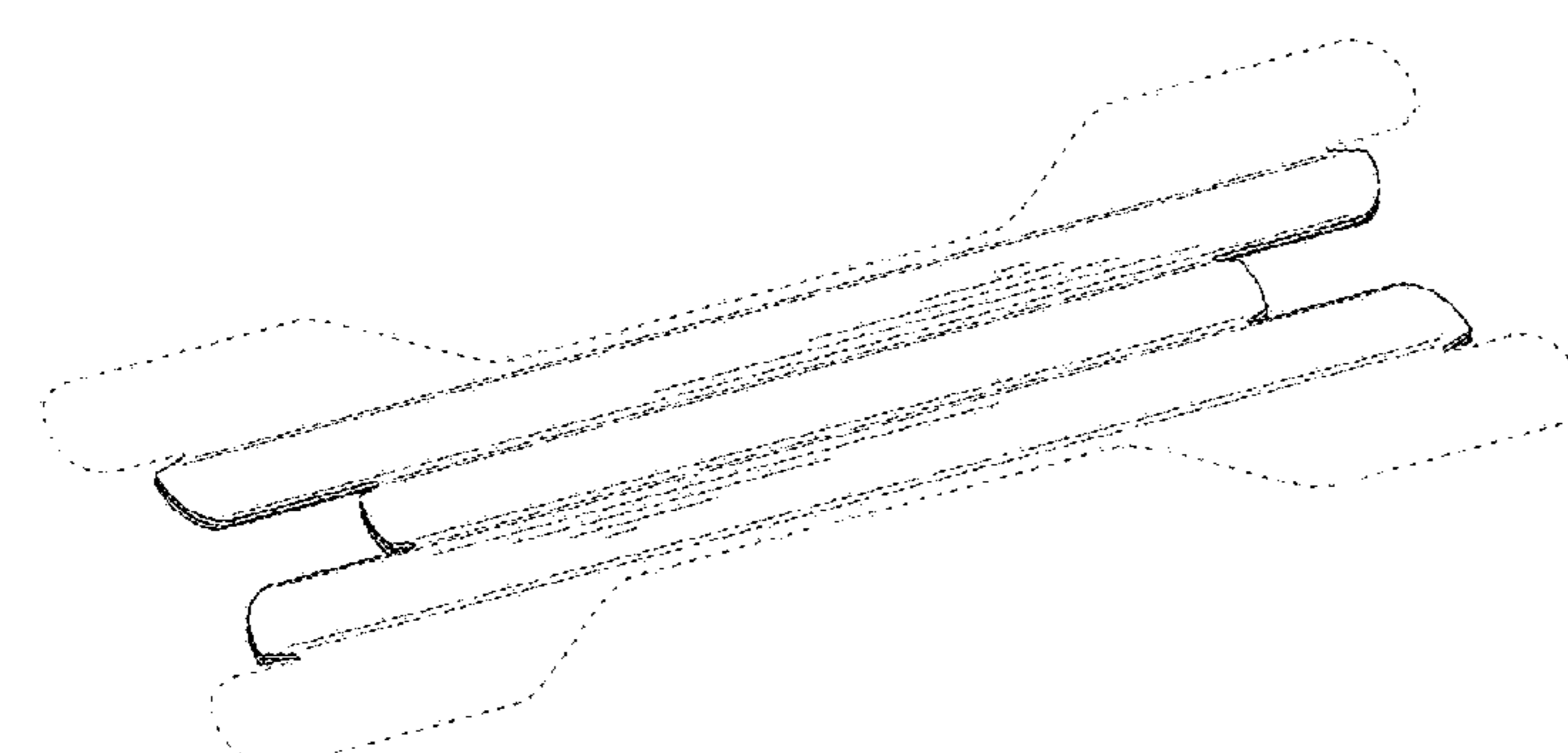
(45) **Date of Patent:** **** Aug. 25, 2020**

- (54) **NASAL DILATOR**
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- (72) Inventor: **Joseph V. Ierulli**, Portland, OR (US)
- (73) Assignee: **Corbett Lair, Inc.**, Sarasota, FL (US)
- (**) Term: **15 Years**
- (21) Appl. No.: **29/549,268**
- (22) Filed: **Dec. 21, 2015**
- (51) **LOC (12) Cl.** **24-02**
- (52) **U.S. Cl.**
USPC **D24/135**
- (58) **Field of Classification Search**
USPC D24/130, 127, 133, 129, 112-114, 186,
D24/108, 118, 135, 189, 190, 191, 192;
604/332, 334, 337, 339
CPC A61M 1/0011; A61M 16/00; A61M
2210/0618; A61F 5/442; A61F
2013/00153; A61F 5/08; A61F 13/126;
A61F 2210/0076; A61F 5/56; A62B 7/00
See application file for complete search history.

6,058,931 A	5/2000	Muchin	
6,065,470 A	5/2000	Van Cromvoirt et al.	
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.	
D644,325 S	8/2011	Brunner et al.	
D644,324 S	10/2011	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 D24/135
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	
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	
D722,161 S	2/2015	Reyers	
D722,162 S	2/2015	Reyers	
D725,772 S	3/2015	Ierulli	
D725,773 S	3/2015	Ierulli	
9,095,422 B2	8/2015	Gray	
D738,496 S	9/2015	Peck	
D739,015 S	9/2015	Martin	
9,119,620 B2	9/2015	Peterson et al.	
D741,997 S	10/2015	Ierulli	

(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	
D379,513 S *	5/1997	Ierulli D24/106
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	



D741,998	S	10/2015	Martin	
D743,544	S *	11/2015	Ierulli	D24/135
D743,545	S	11/2015	Ierulli	
D743,565	S *	11/2015	Engel	D24/189
D745,147	S *	12/2015	Ierulli	D24/135
9,204,988	B1	12/2015	Fischell	
D746,982	S *	1/2016	Ierulli	D24/135
D755,376	S *	5/2016	Ierulli	D24/135
D759,240	S *	6/2016	Ierulli	D24/135
D759,241	S *	6/2016	Ierulli	D24/135
D759,242	S *	6/2016	Ierulli	D24/135
D764,055	S *	8/2016	Ierulli	D24/135
D764,662	S *	8/2016	Ierulli	D24/135
D779,666	S *	2/2017	Ierulli	D24/135
D779,667	S *	2/2017	Ierulli	D24/135
D789,531	S *	6/2017	Ierulli	D24/135
D791,314	S *	7/2017	Ierulli	D24/135
D814,029	S *	3/2018	Ierulli	D24/135
D857,888	S *	8/2019	Ierulli	D24/135
D857,889	S *	8/2019	Ierulli	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	
2015/0051636	A1	2/2015	Lockwood	
2015/0090398	A1	4/2015	Ierulli	
2015/0090399	A1	4/2015	Ierulli	
2015/0094757	A1	4/2015	Ierulli	
2015/0094758	A1	4/2015	Ierulli	
2015/0216709	A1	8/2015	Peck	
2015/0230966	A1	8/2015	Ierulli	
2015/0250637	A1	9/2015	Ierulli	
2015/0290021	A1	10/2015	Gray	

FOREIGN PATENT DOCUMENTS

EP	855175	A1	7/1998
ES	289561		10/1985

* cited by examiner

Primary Examiner — Samantha Q Lawrence
(74) Attorney, Agent, or Firm — Mersenne Law

(57) CLAIM

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

DESCRIPTION

FIG. 1 is a three-quarter perspective view of a first embodiment of a family of nasal dilators showing my new design; FIG. 2 is a perspective view thereof, showing the nasal dilator in an in-use state;

FIG. 3 is a top plan view thereof, the bottom plan view not seen in use;

FIG. 4 is a three-quarter perspective view of a second embodiment of a family of nasal dilators showing my new design;

FIG. 5 is a perspective view thereof, showing the nasal dilator in an in-use state;

FIG. 6 is a top plan view thereof, the bottom plan view not seen in use;

FIG. 7 is a three-quarter perspective view of a third embodiment of a family of nasal dilators showing my new design;

FIG. 8 is a perspective view thereof, showing the nasal dilator in an in-use state;

FIG. 9 is a top plan view thereof, the bottom plan view not seen in use;

FIG. 10 is a three-quarter perspective view of a fourth embodiment of a family of nasal dilators showing my new design;

FIG. 11 is a perspective view thereof, showing the nasal dilator in an in-use state;

FIG. 12 is a top plan view thereof, the bottom plan view not seen in use;

FIG. 13 is a three-quarter perspective view of a fifth embodiment of a family of nasal dilators showing my new design;

FIG. 14 is a perspective view thereof, showing the nasal dilator in an in-use state;

FIG. 15 is a top plan view thereof, the bottom plan view not seen in use;

FIG. 16 is a three-quarter perspective view of a sixth embodiment of a family of nasal dilators showing my new design;

FIG. 17 is a perspective view thereof, showing the nasal dilator in an in-use state;

FIG. 18 is a top plan view thereof, the bottom plan view not seen in use;

FIG. 19 is a three-quarter perspective view of a seventh embodiment of a family of nasal dilators showing my new design;

FIG. 20 is a perspective view thereof, showing the nasal dilator in an in-use state;

FIG. 21 is a top plan view thereof, the bottom plan view not seen in use;

FIG. 22 is a three-quarter perspective view of a eighth embodiment of a family of nasal dilators showing my new design;

FIG. 23 is a perspective view thereof, showing the nasal dilator in an in-use state;

FIG. 24 is a top plan view thereof, the bottom plan view not seen in use;

FIG. 25 is a three-quarter perspective view of a ninth embodiment of a family of nasal dilators showing my new design;

FIG. 26 is a perspective view thereof, showing the nasal dilator in an in-use state;

FIG. 27 is a top plan view thereof, the bottom plan view not seen in use;

FIG. 28 is a three-quarter perspective view of a tenth embodiment of a family of nasal dilators showing my new design;

FIG. 29 is a perspective view thereof, showing the nasal dilator in an in-use state;

FIG. 30 is a top plan view thereof, the bottom plan view not seen in use;

FIG. 31 is a three-quarter perspective view of a eleventh embodiment of a family of nasal dilators showing my new design;

FIG. 32 is a perspective view thereof, showing the nasal dilator in an in-use state;

FIG. 33 is a top plan view thereof, the bottom plan view not seen in use;

FIG. 34 is a three-quarter perspective view of a twelfth embodiment of a family of nasal dilators showing my new design;

FIG. 35 is a perspective view thereof, showing the nasal dilator in an in-use state;

FIG. 36 is a top plan view thereof, the bottom plan view not seen in use;

FIG. 37 is a three-quarter perspective view of a thirteenth embodiment of a family of nasal dilators showing my new design;

FIG. 38 is a perspective view thereof, showing the nasal dilator in an in-use state;

FIG. 39 is a top plan view thereof, the bottom plan view not seen in use;

FIG. 40 is a three-quarter perspective view of a fourteenth embodiment of a family of nasal dilators showing my new design;

FIG. 41 is a perspective view thereof, showing the nasal dilator in an in-use state;

FIG. 42 is a top plan view thereof, the bottom plan view not seen in use;

FIG. 43 is a three-quarter perspective view of a fifteenth embodiment of a family of nasal dilators showing my new design;

FIG. 44 is a perspective view thereof, showing the nasal dilator in an in-use state;

FIG. 45 is a top plan view thereof, the bottom plan view not seen in use;

FIG. 46 is a three-quarter perspective view of a sixteenth embodiment of a family of nasal dilators showing my new design;

FIG. 47 is a perspective view thereof, showing the nasal dilator in an in-use state;

FIG. 48 is a top plan view thereof, the bottom plan view not seen in use;

FIG. 49 is a three-quarter perspective view of a seventeenth embodiment of a family of nasal dilators showing my new design;

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

FIG. 51 is a top plan view thereof, the bottom plan view not seen in use;

FIG. 52 is a three-quarter perspective view of a eighteenth embodiment of a family of nasal dilators showing my new design;

FIG. 53 is a perspective view thereof, showing the nasal dilator in an in-use state; and,

FIG. 54 is a top plan view thereof, the bottom plan view not seen in use.

The broken line showing of the periphery of the nasal dilator illustrates portions of the nasal dilator that forms no part of the claimed design. The additional broken lines showing human facial features illustrates environment and forms no part of the claimed design.

1 Claim, 18 Drawing Sheets

FIG. 1

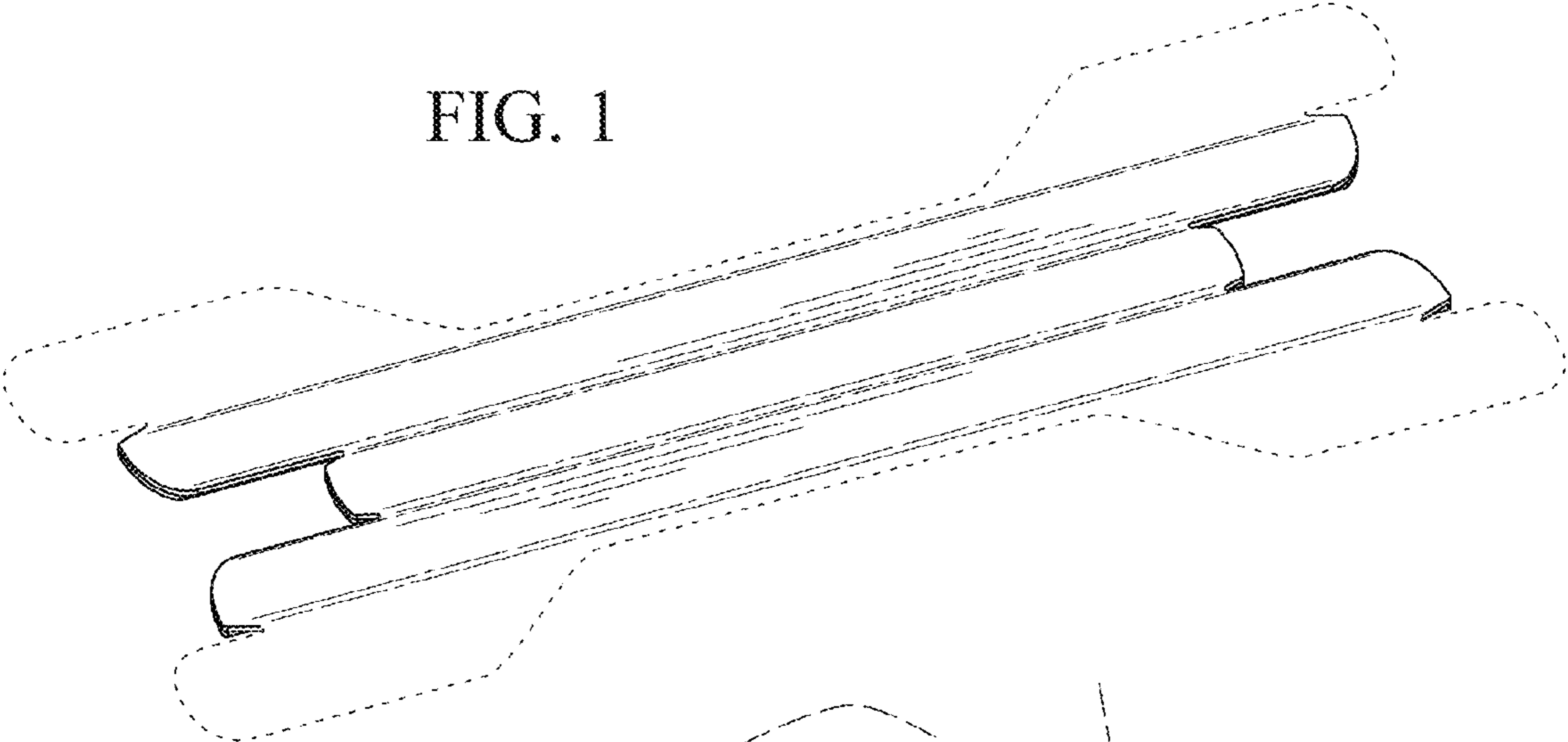


FIG. 2

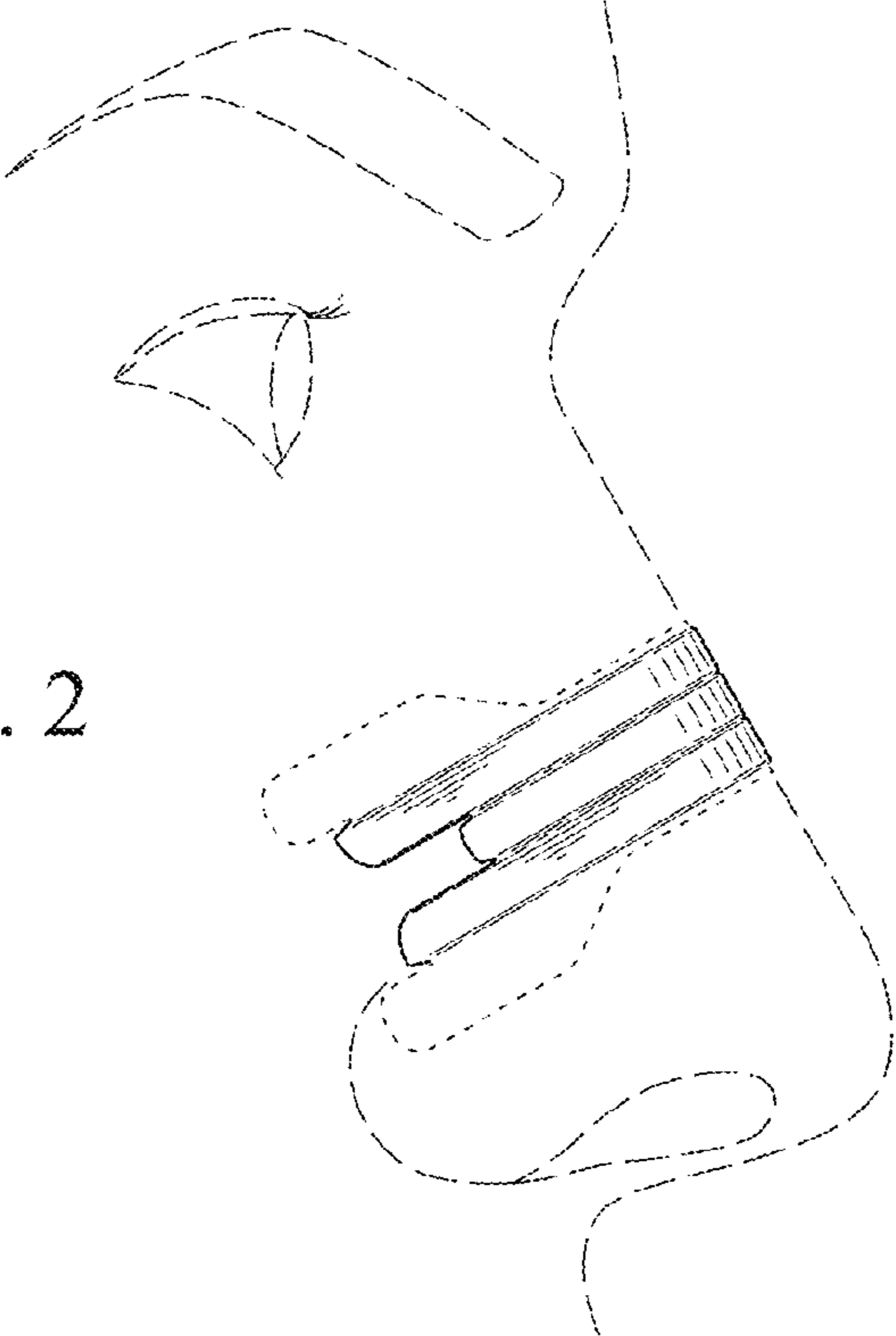


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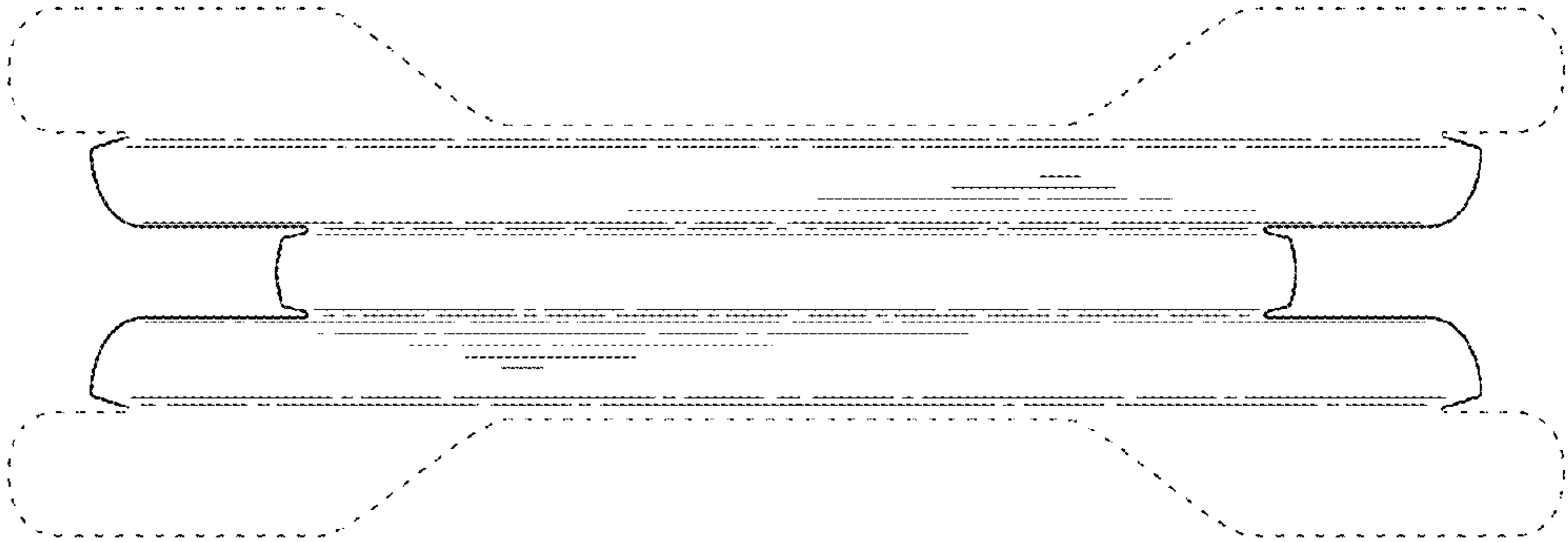


FIG. 4

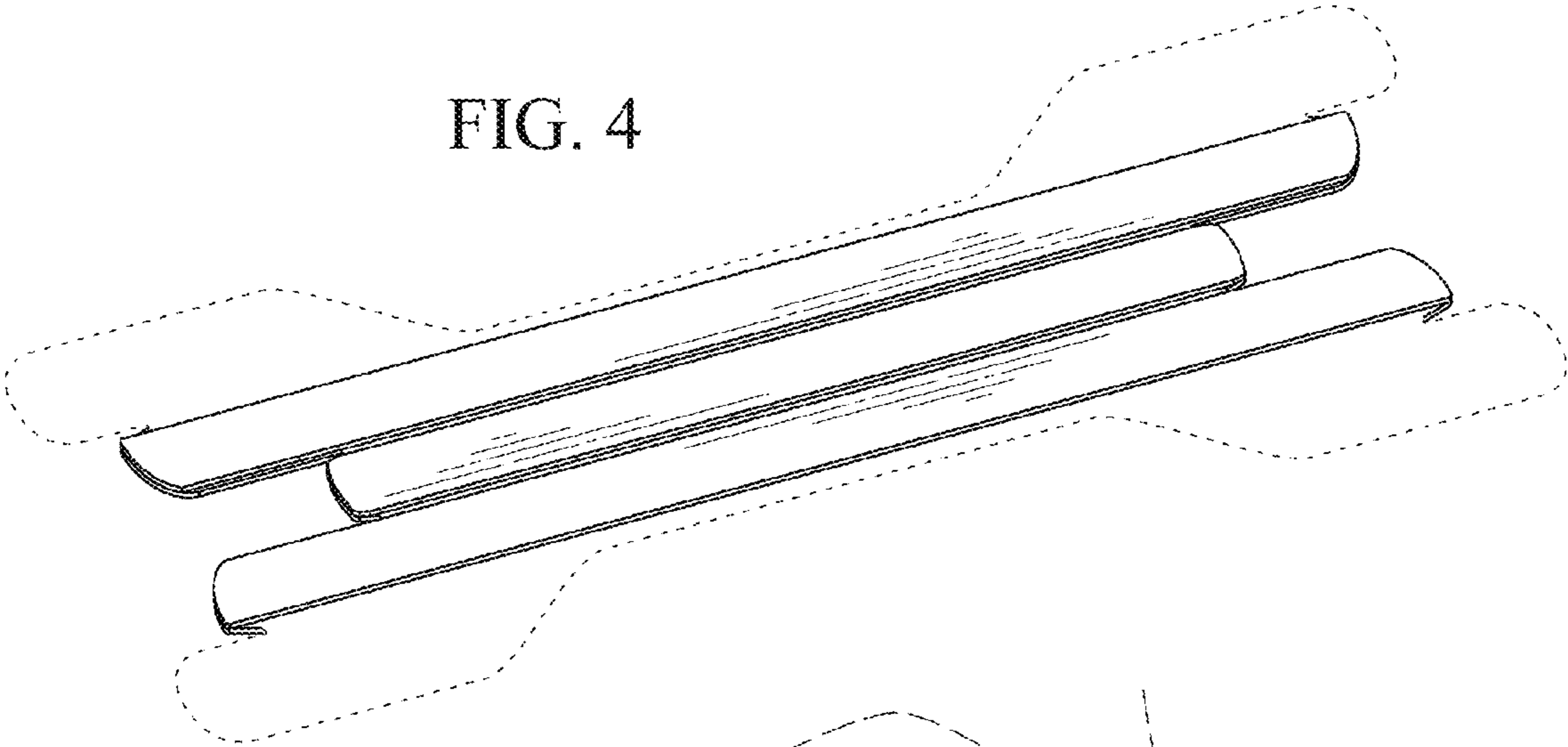


FIG. 5

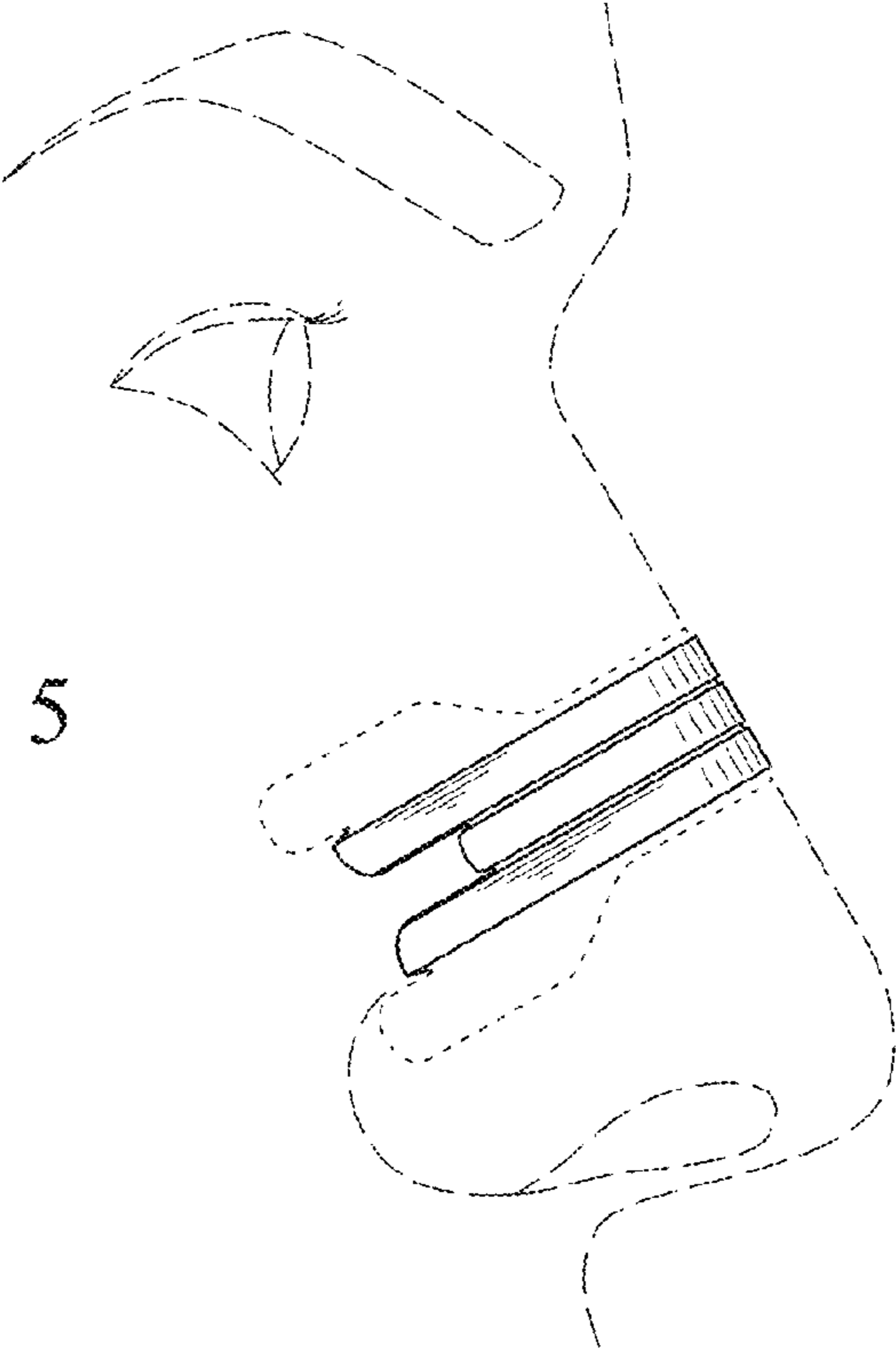


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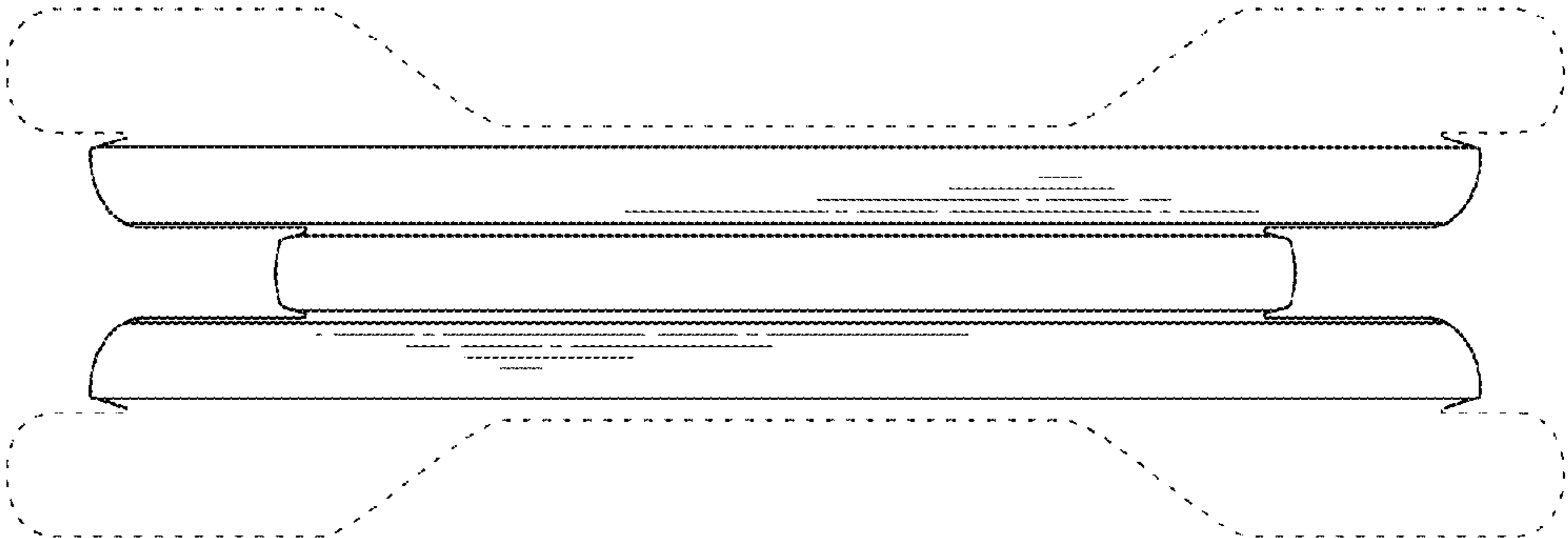


FIG. 7

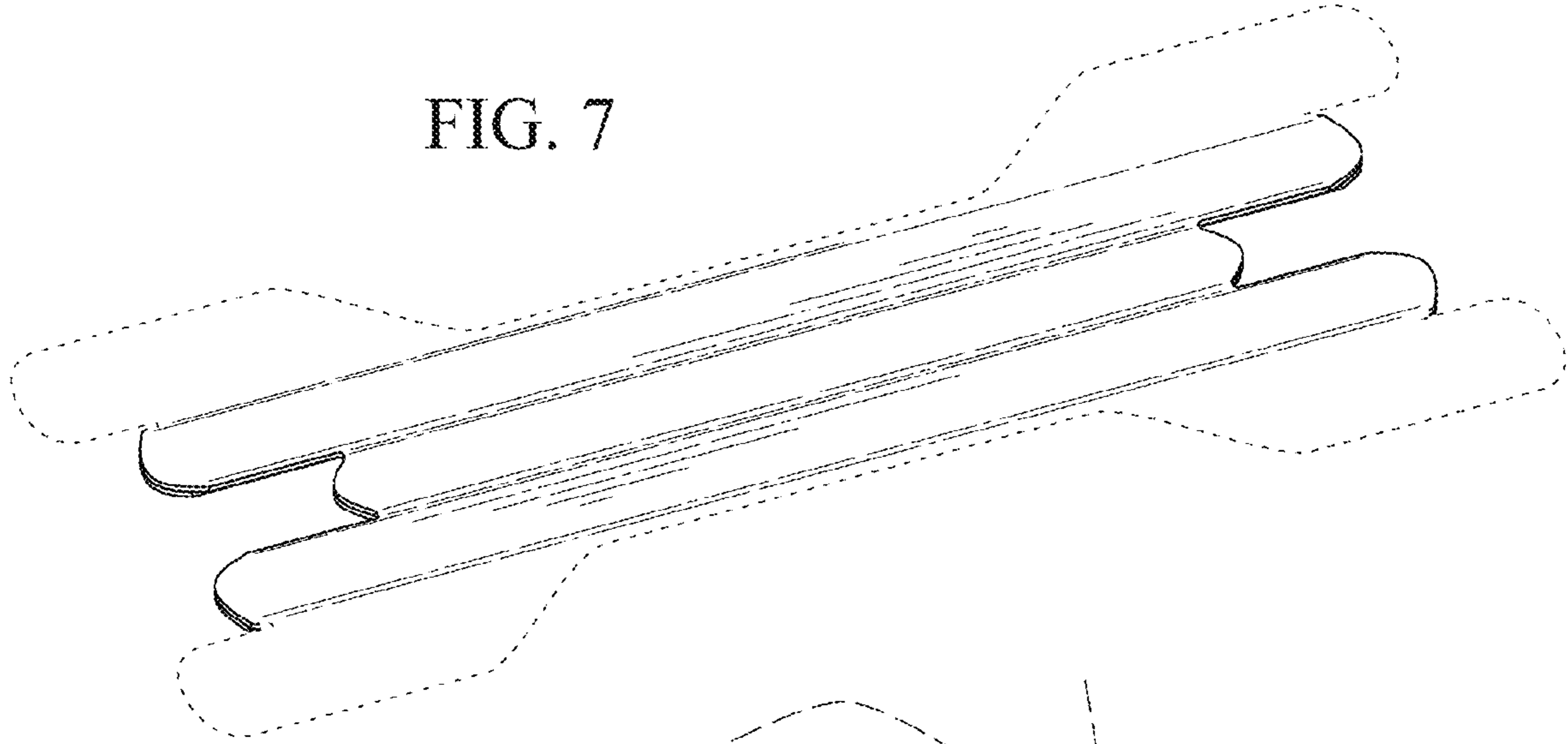


FIG. 8

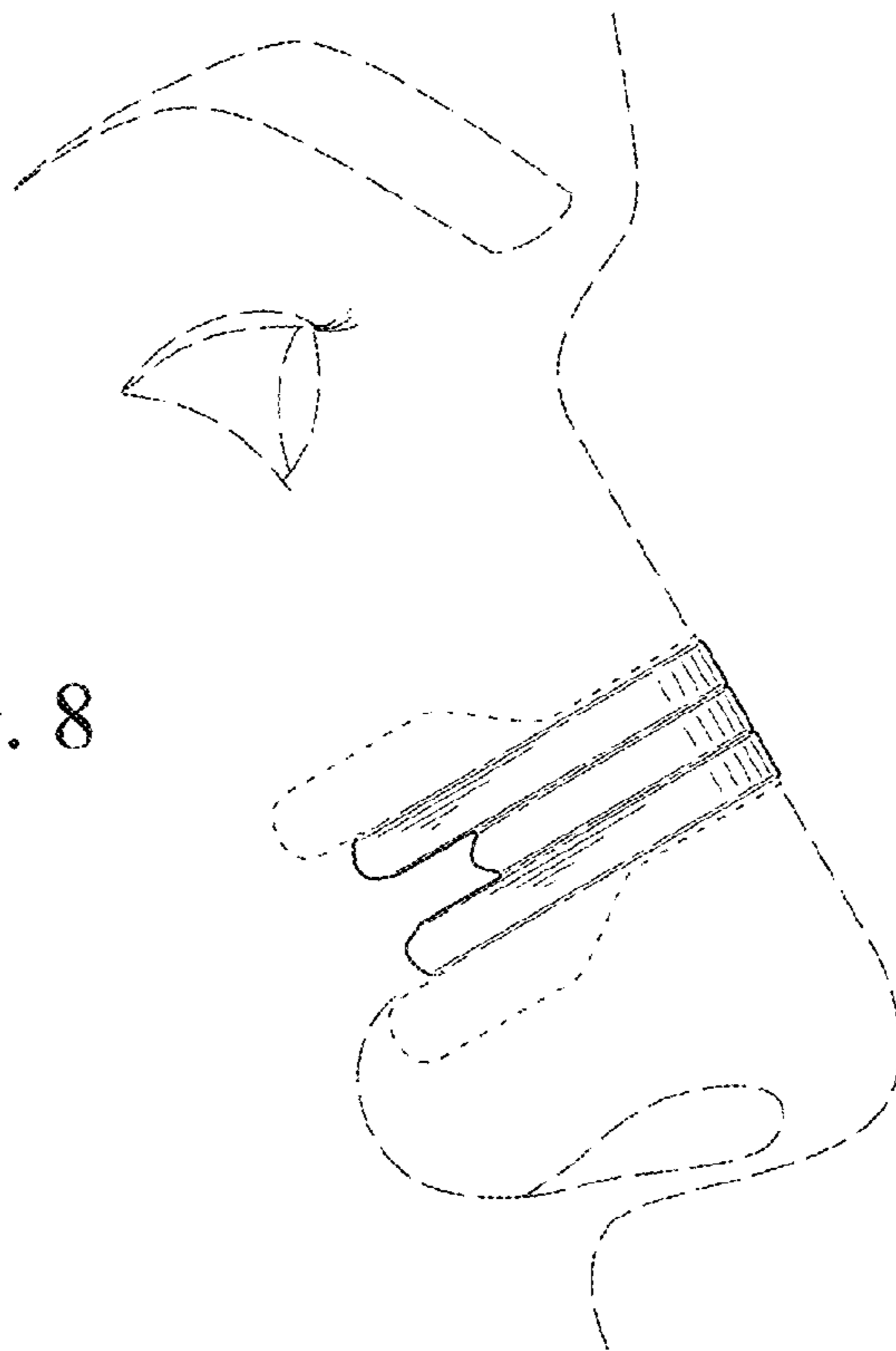


FIG. 9

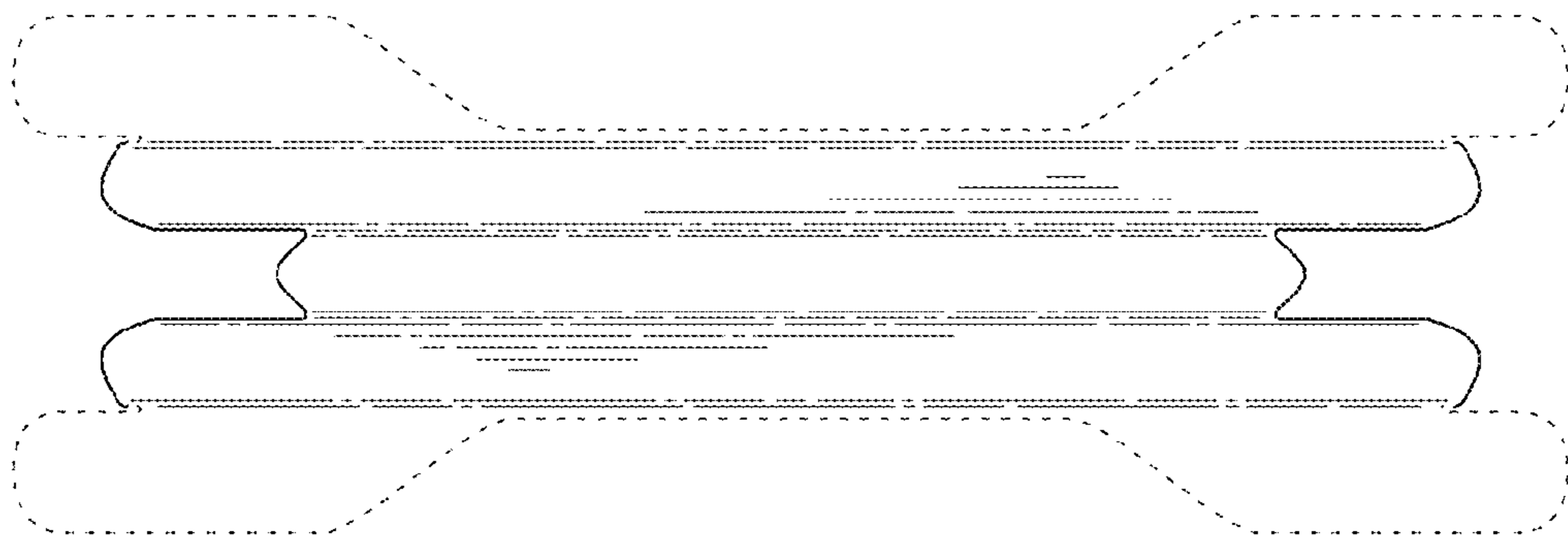


FIG. 10

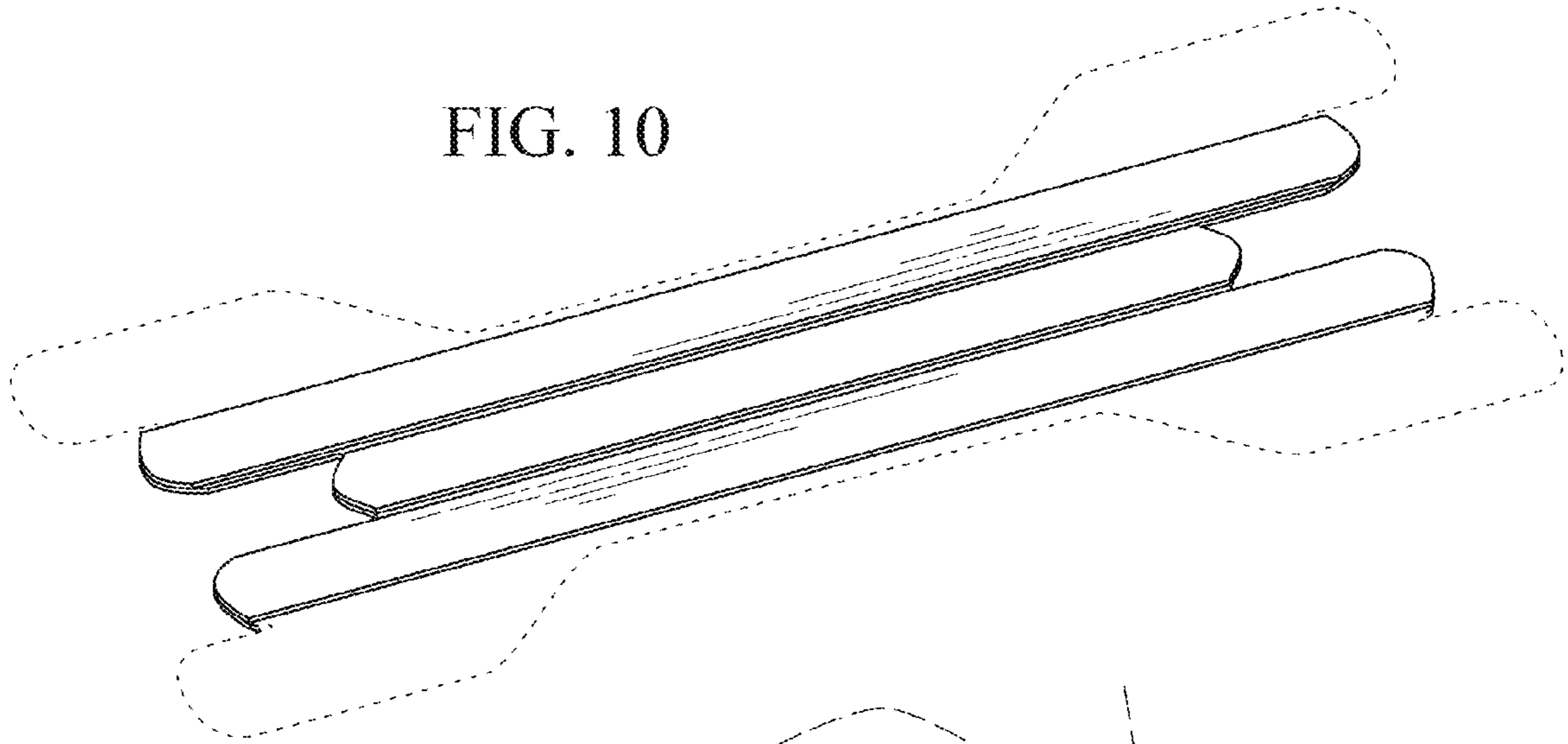


FIG. 11

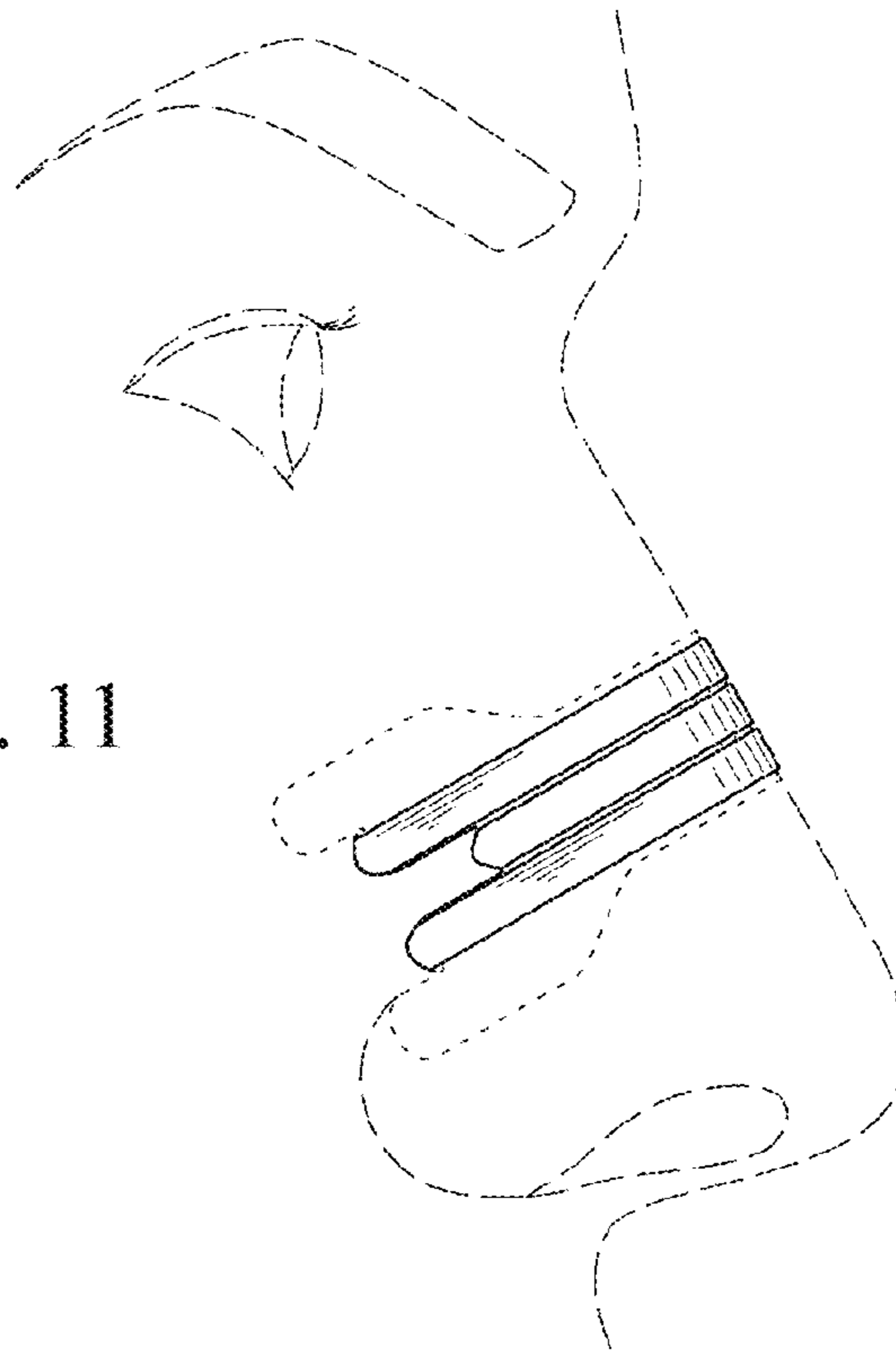


FIG. 12

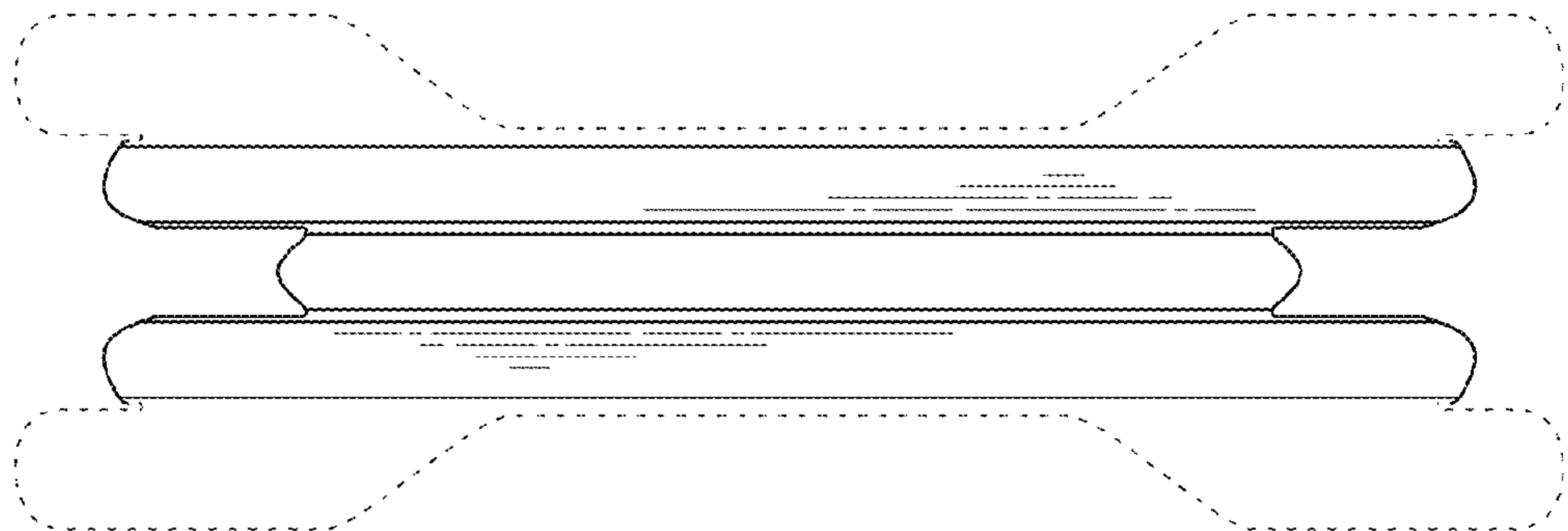


FIG. 13

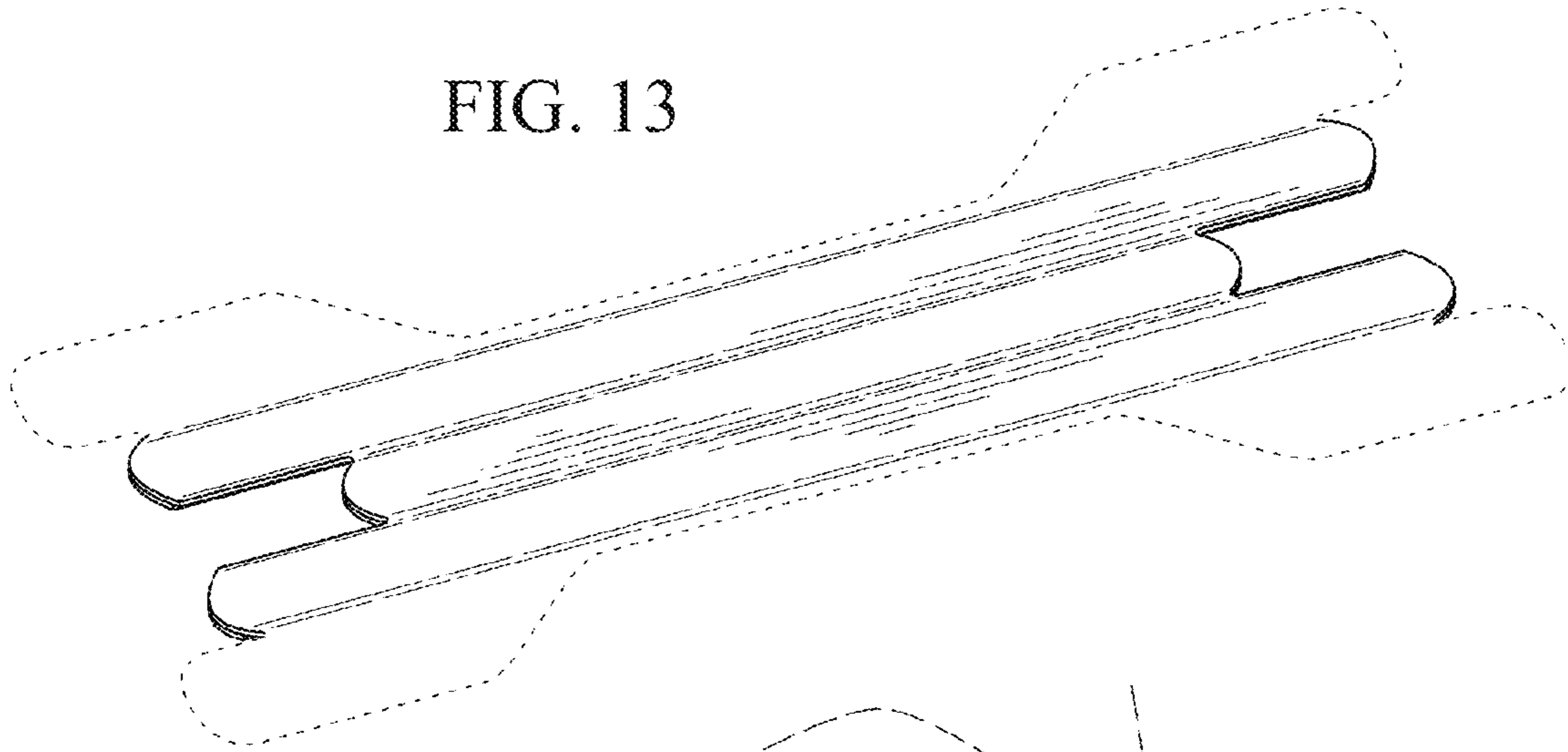


FIG. 14

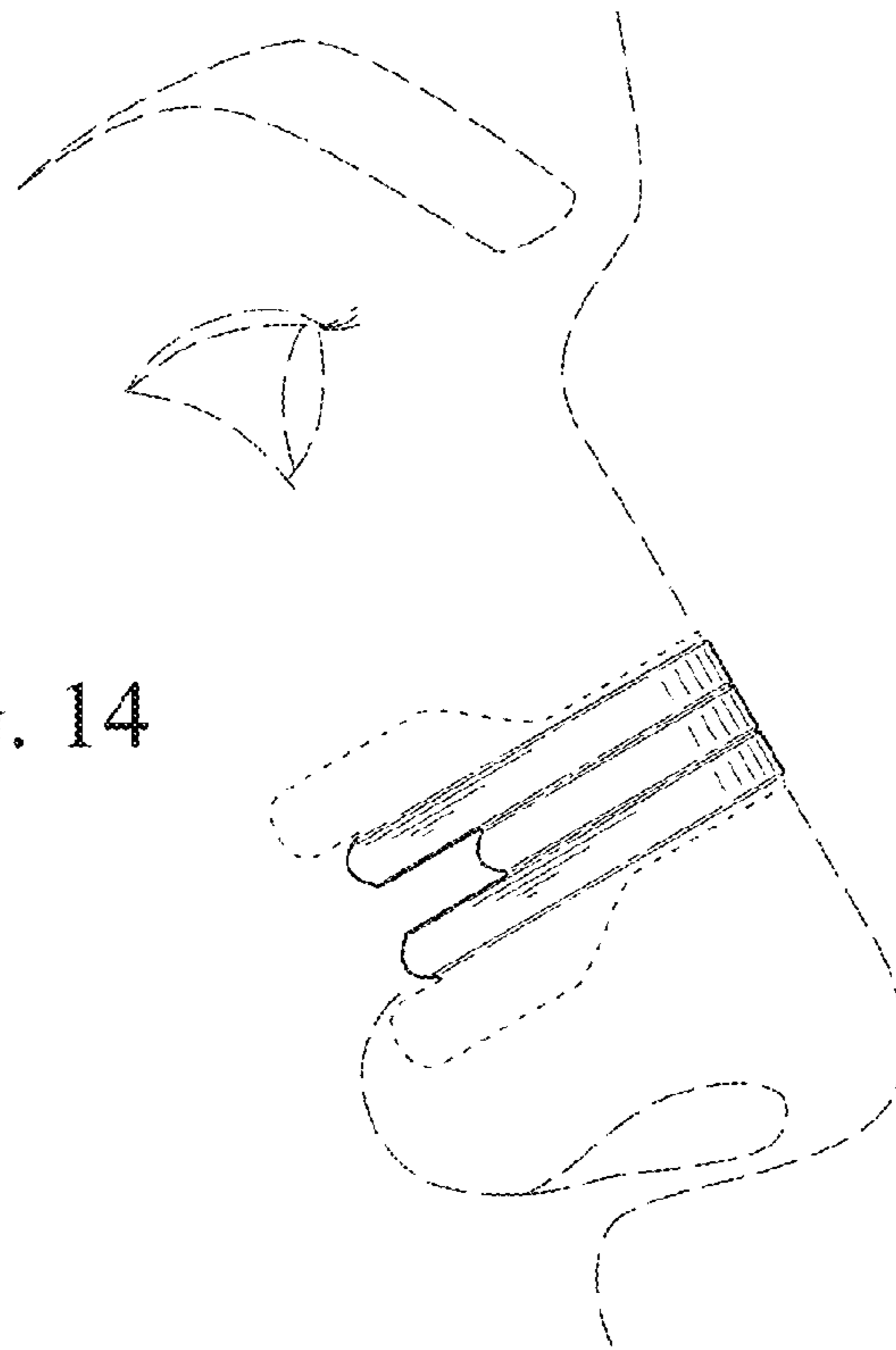


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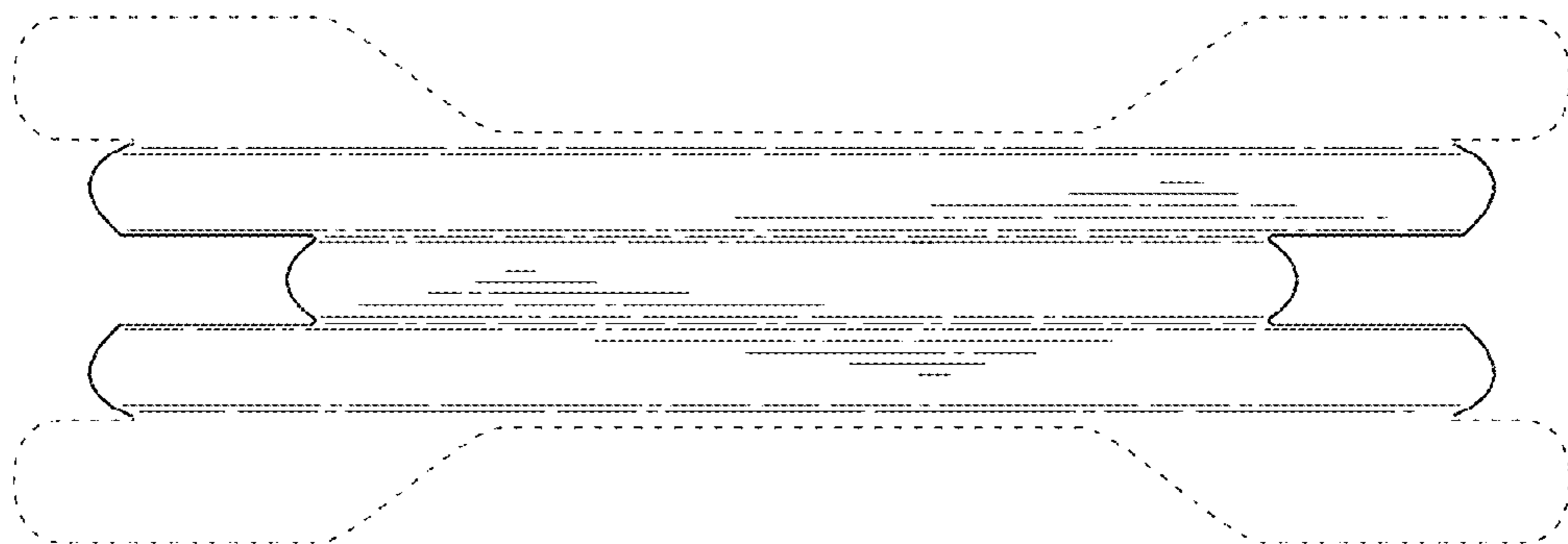


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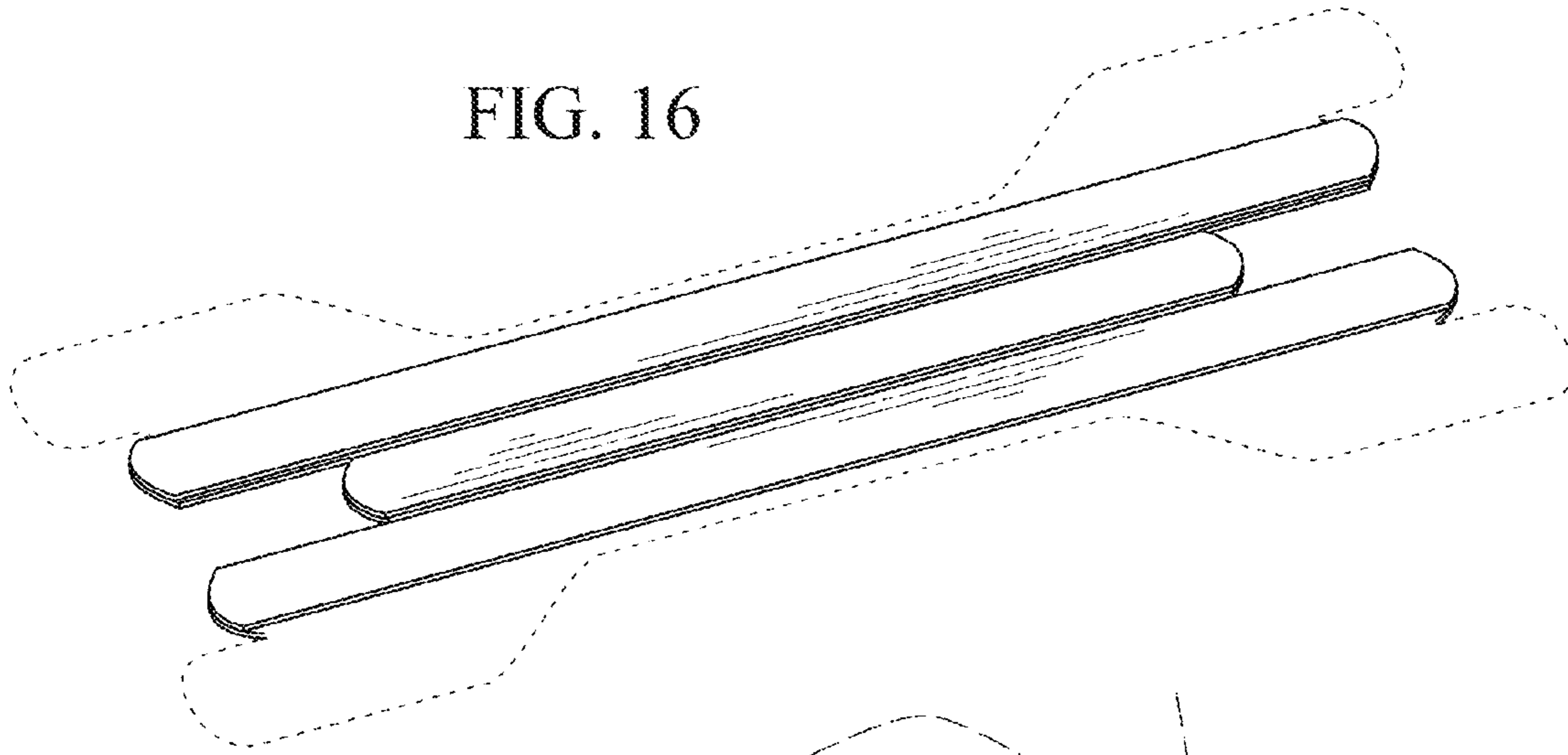


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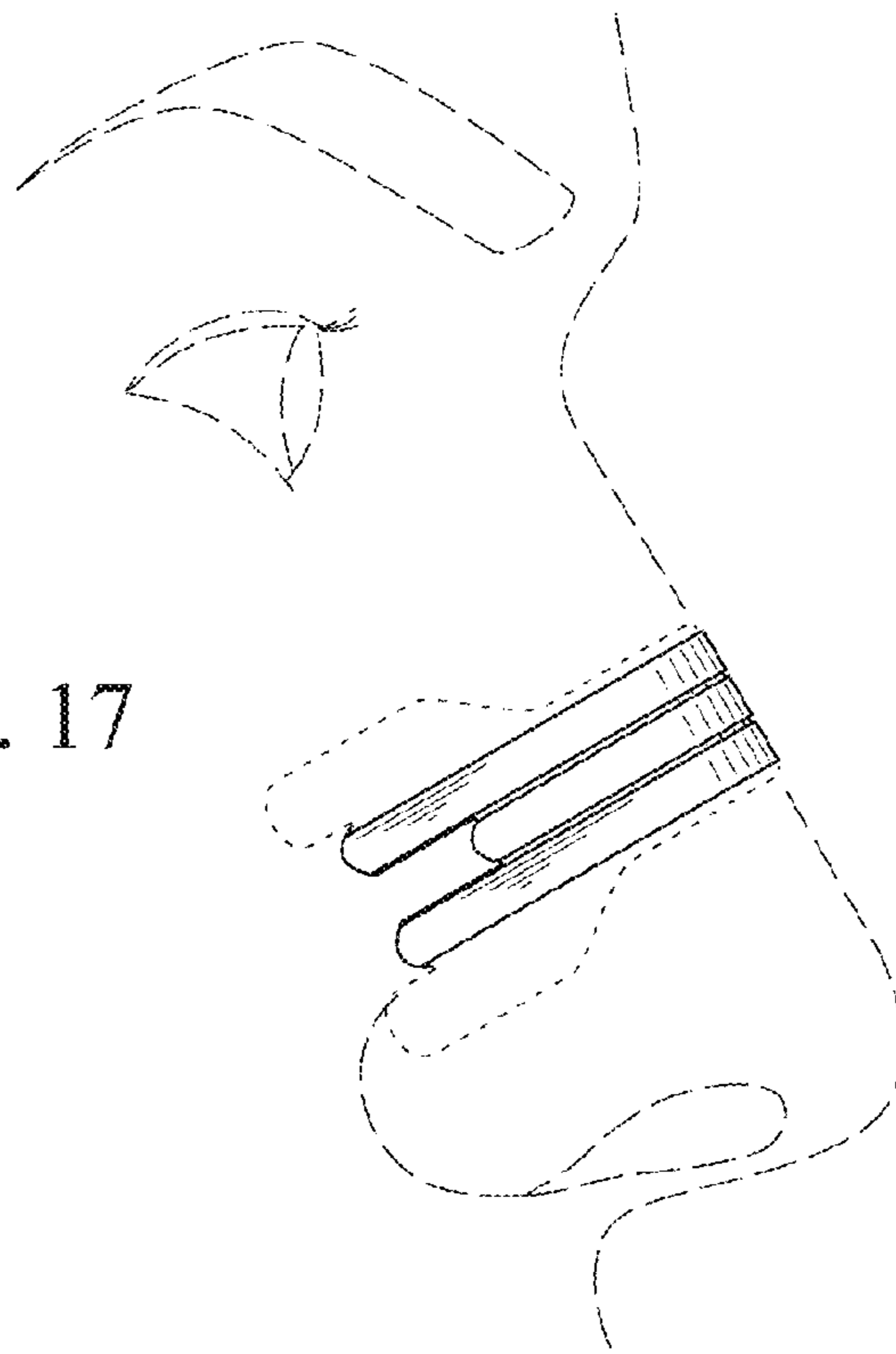


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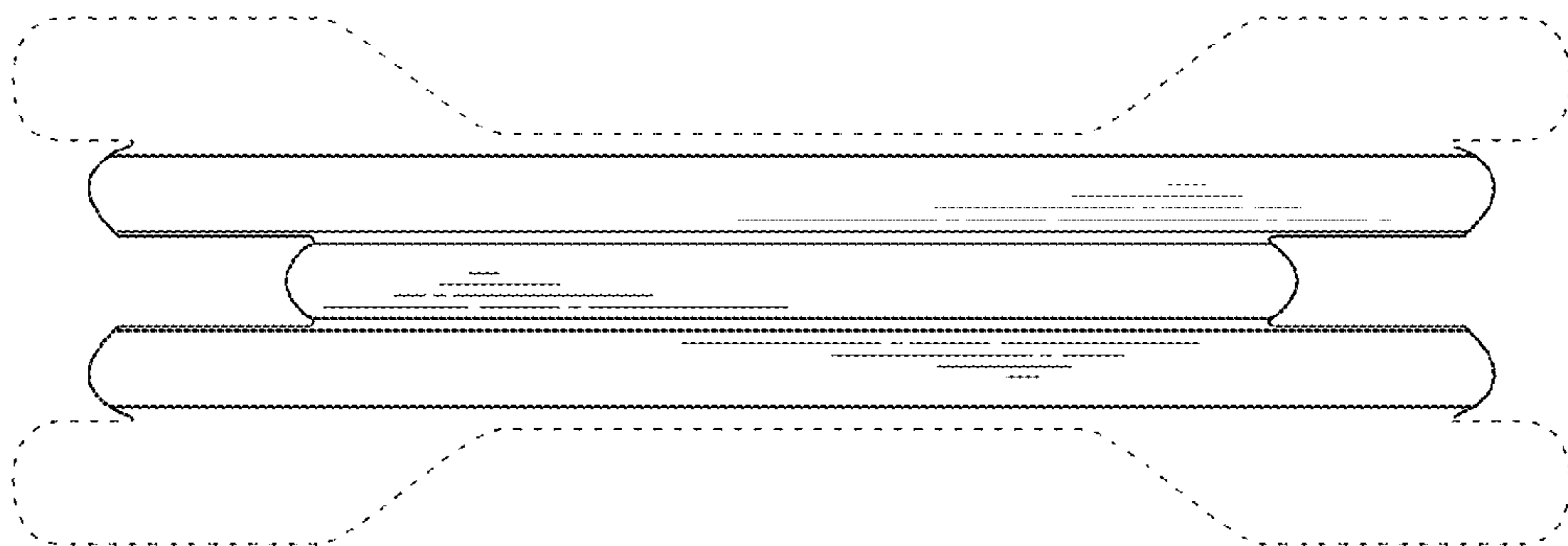


FIG. 19

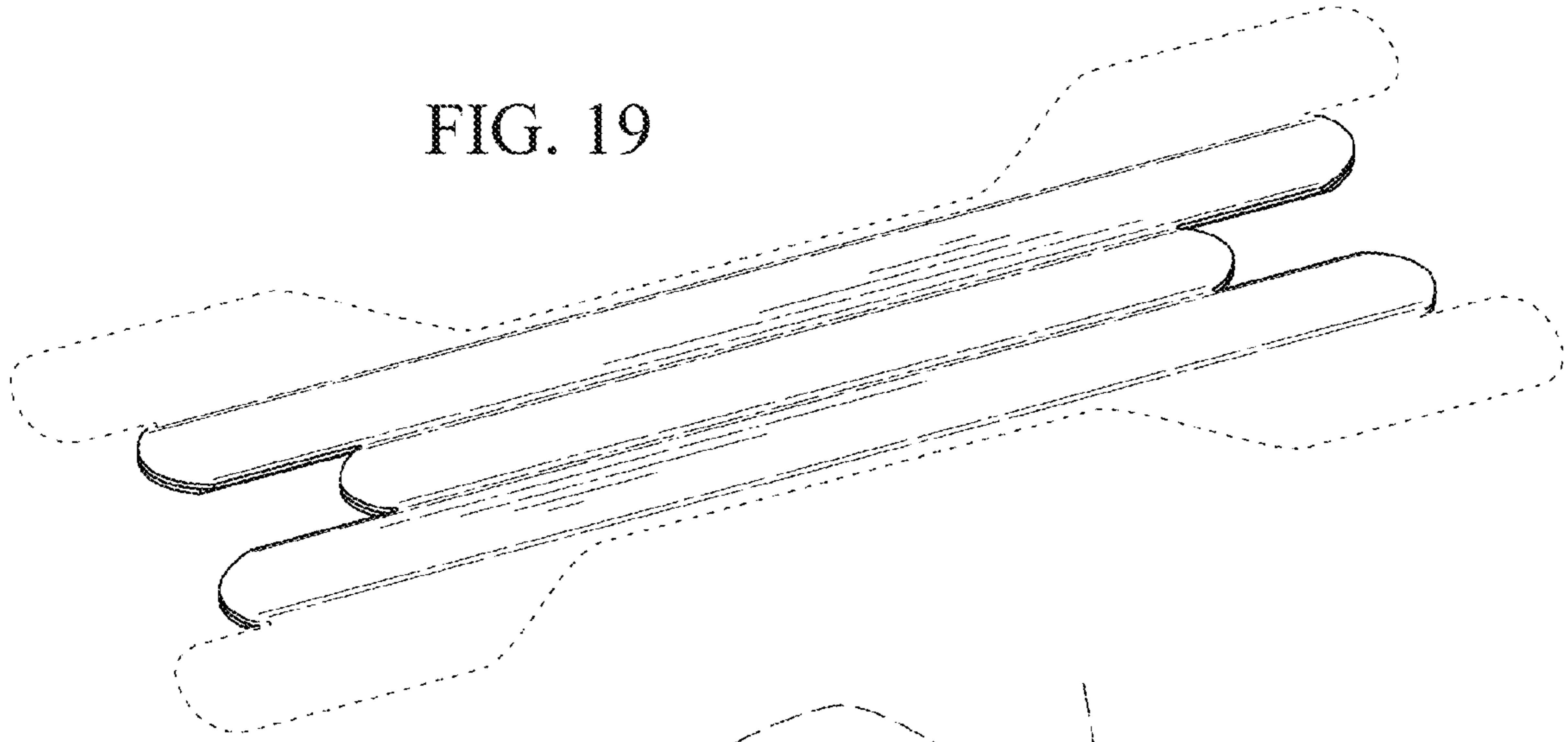


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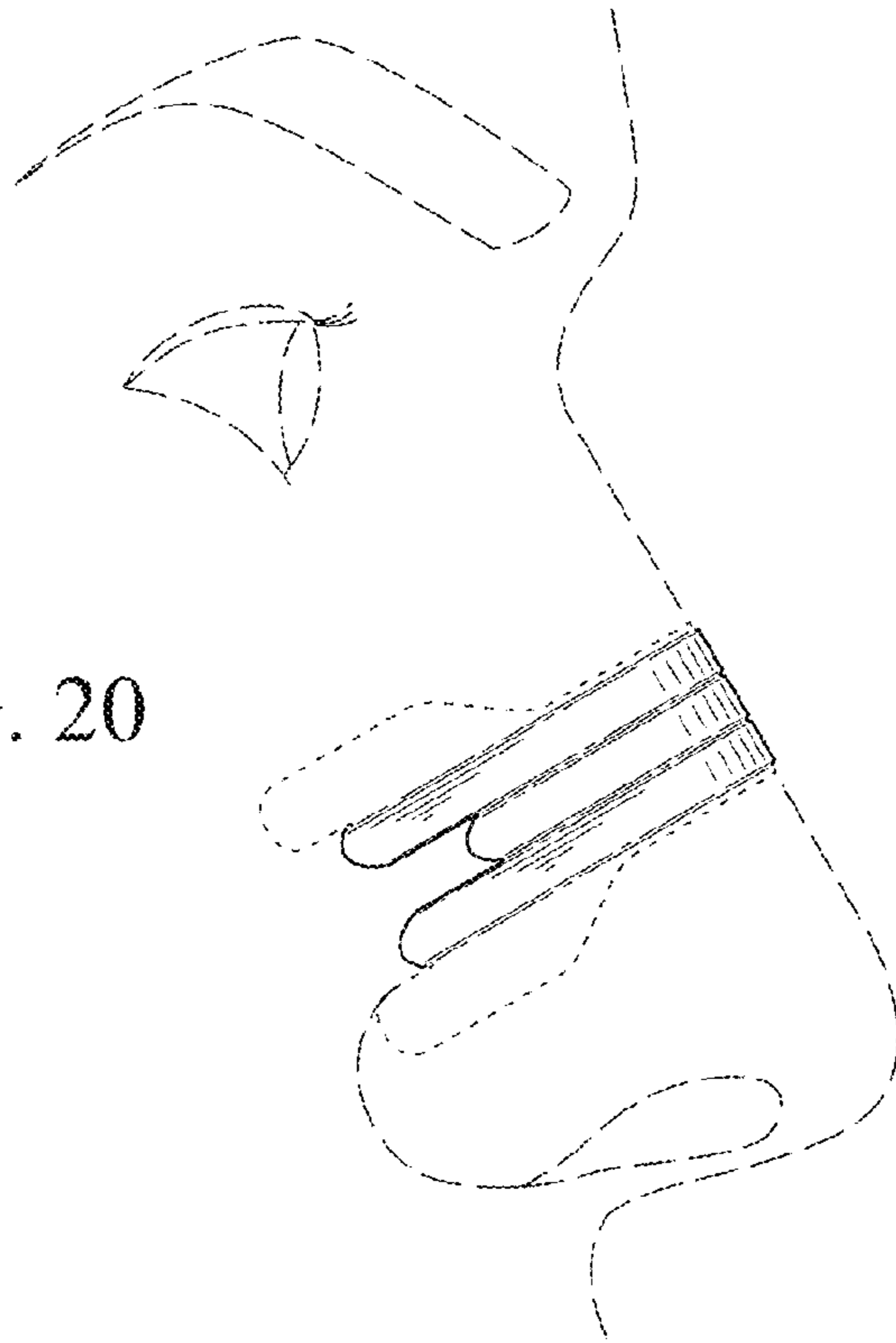


FIG. 21

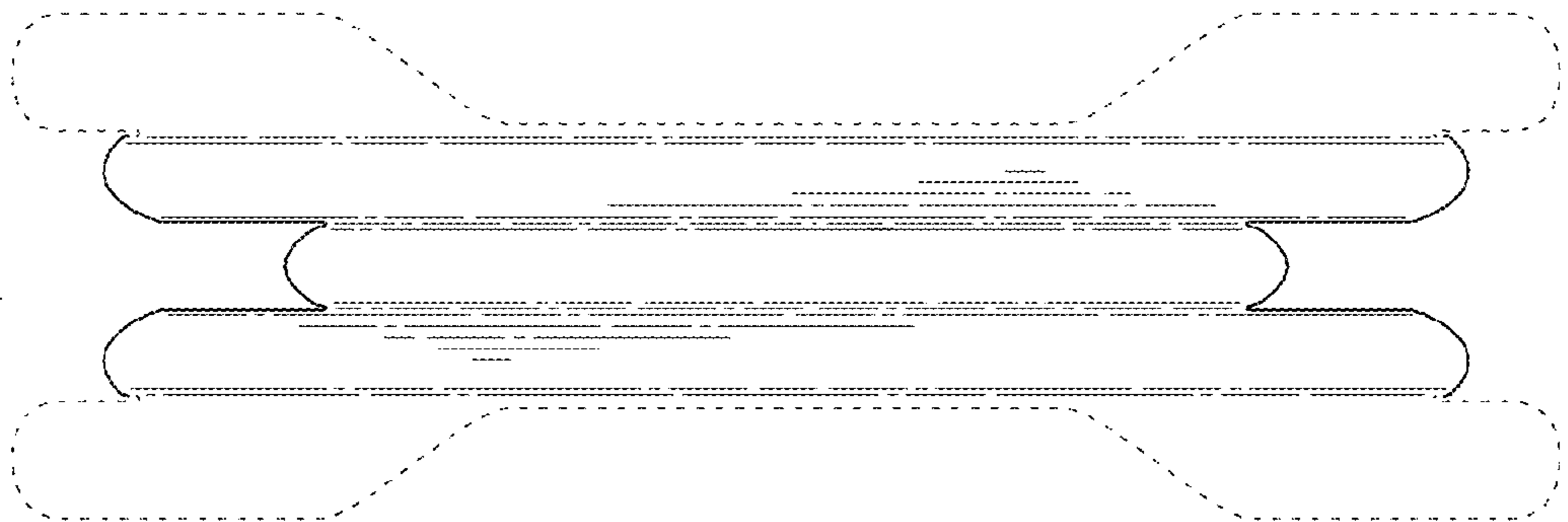


FIG. 22

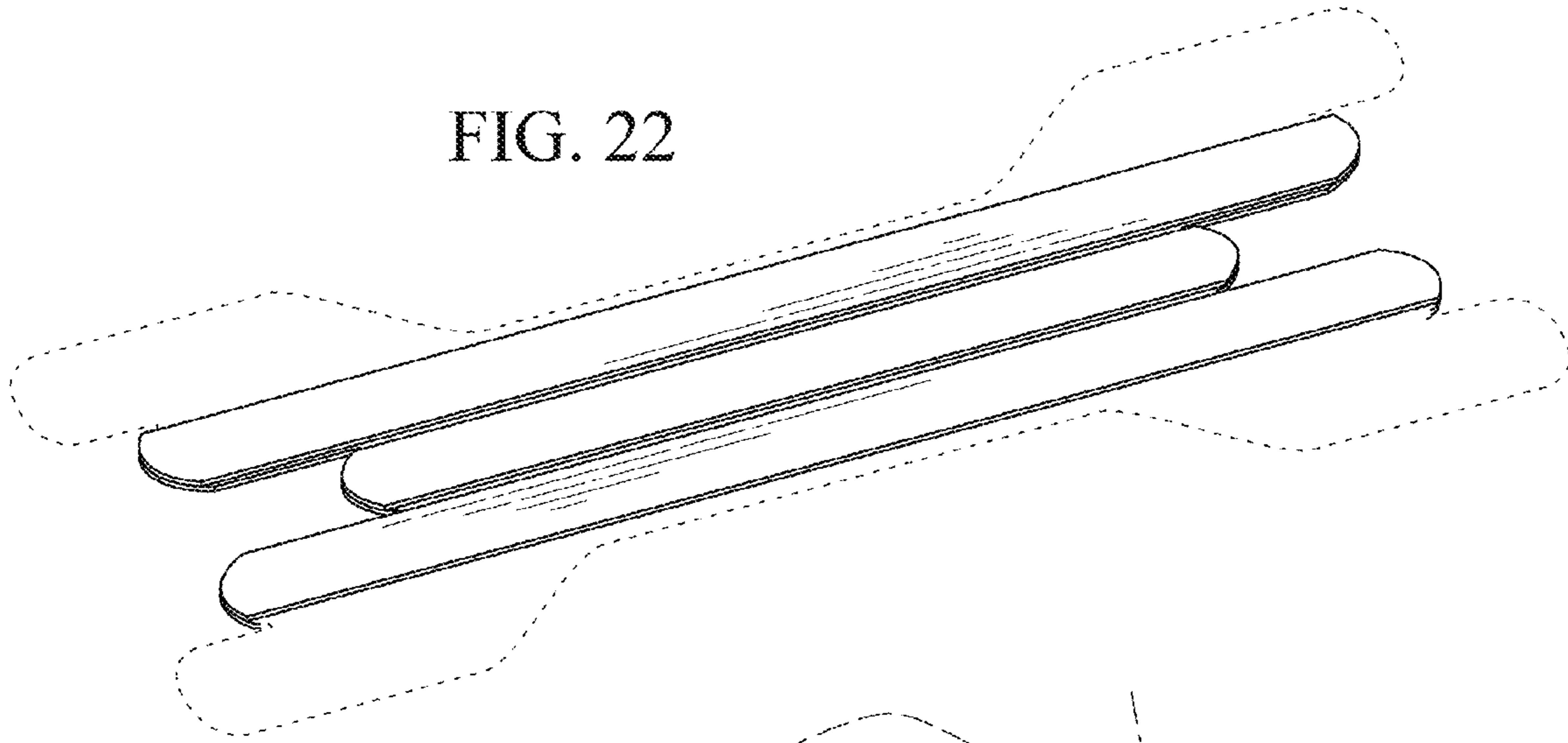


FIG. 23

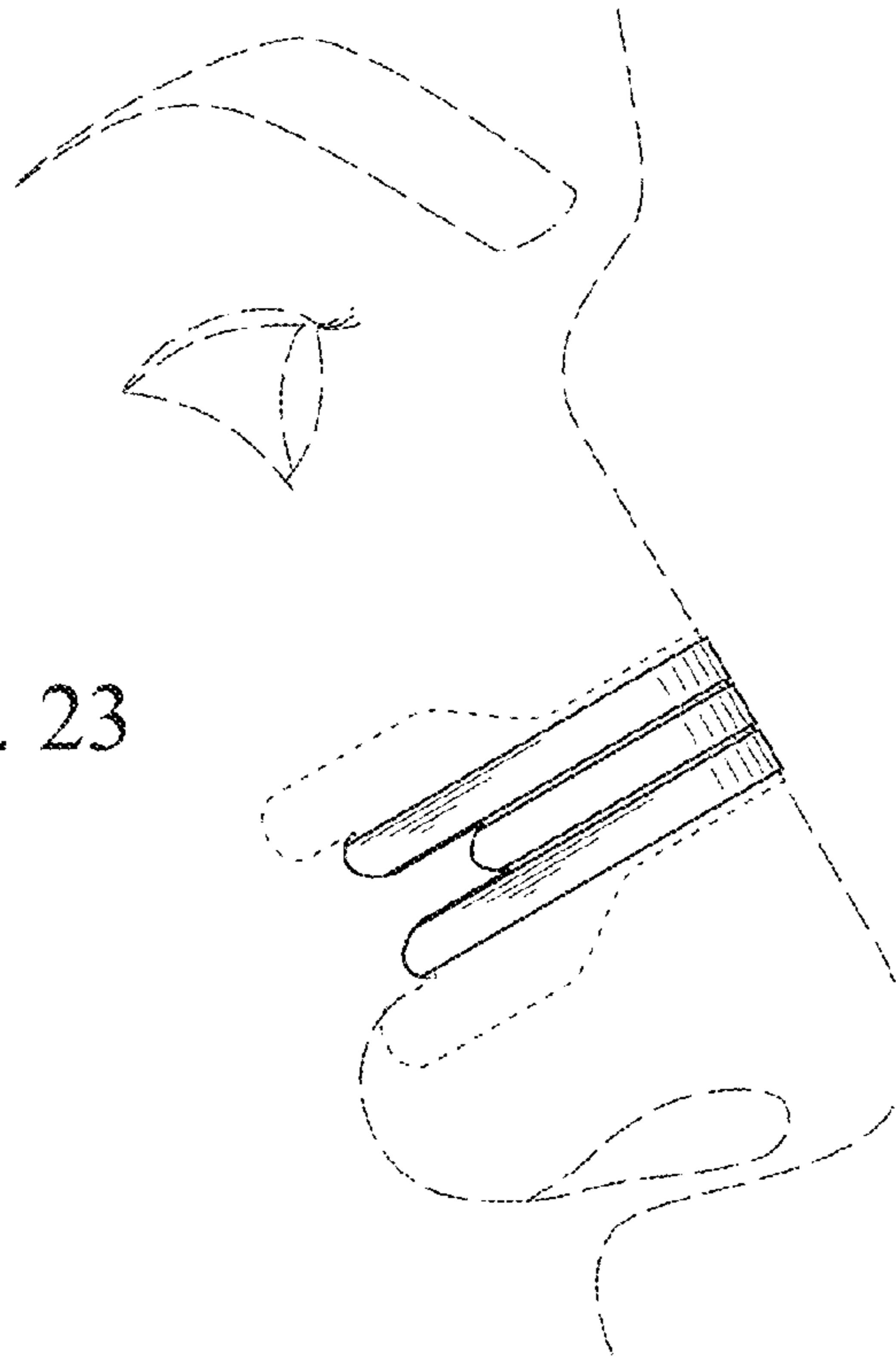


FIG. 24

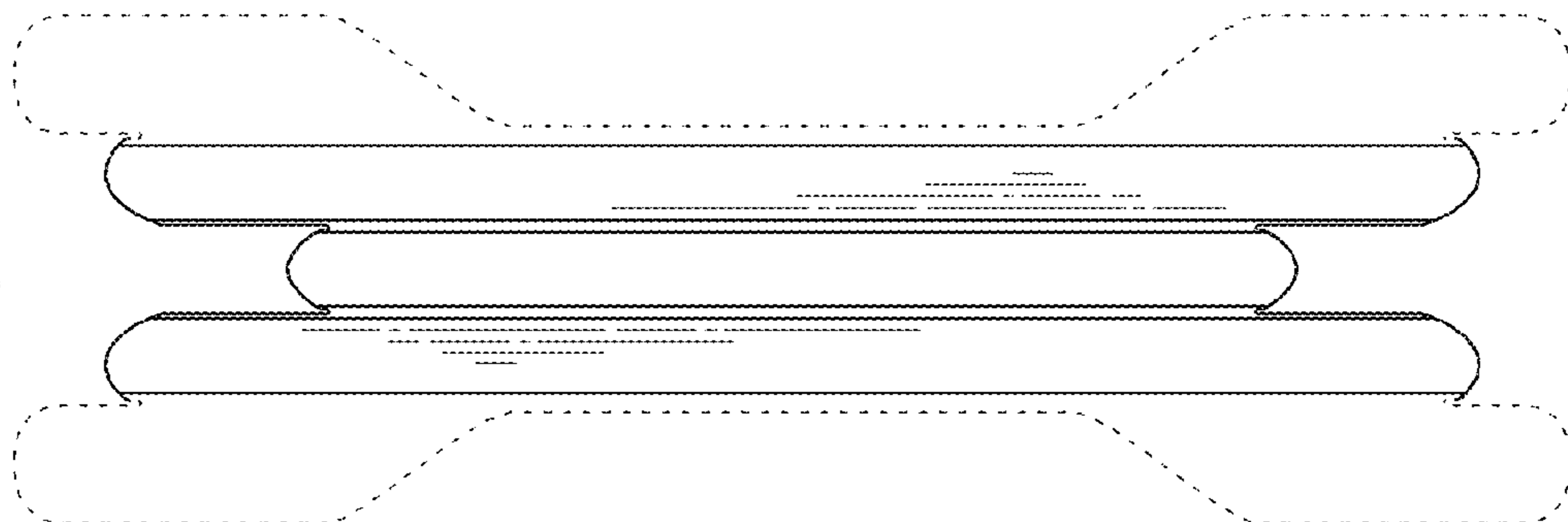


FIG. 25

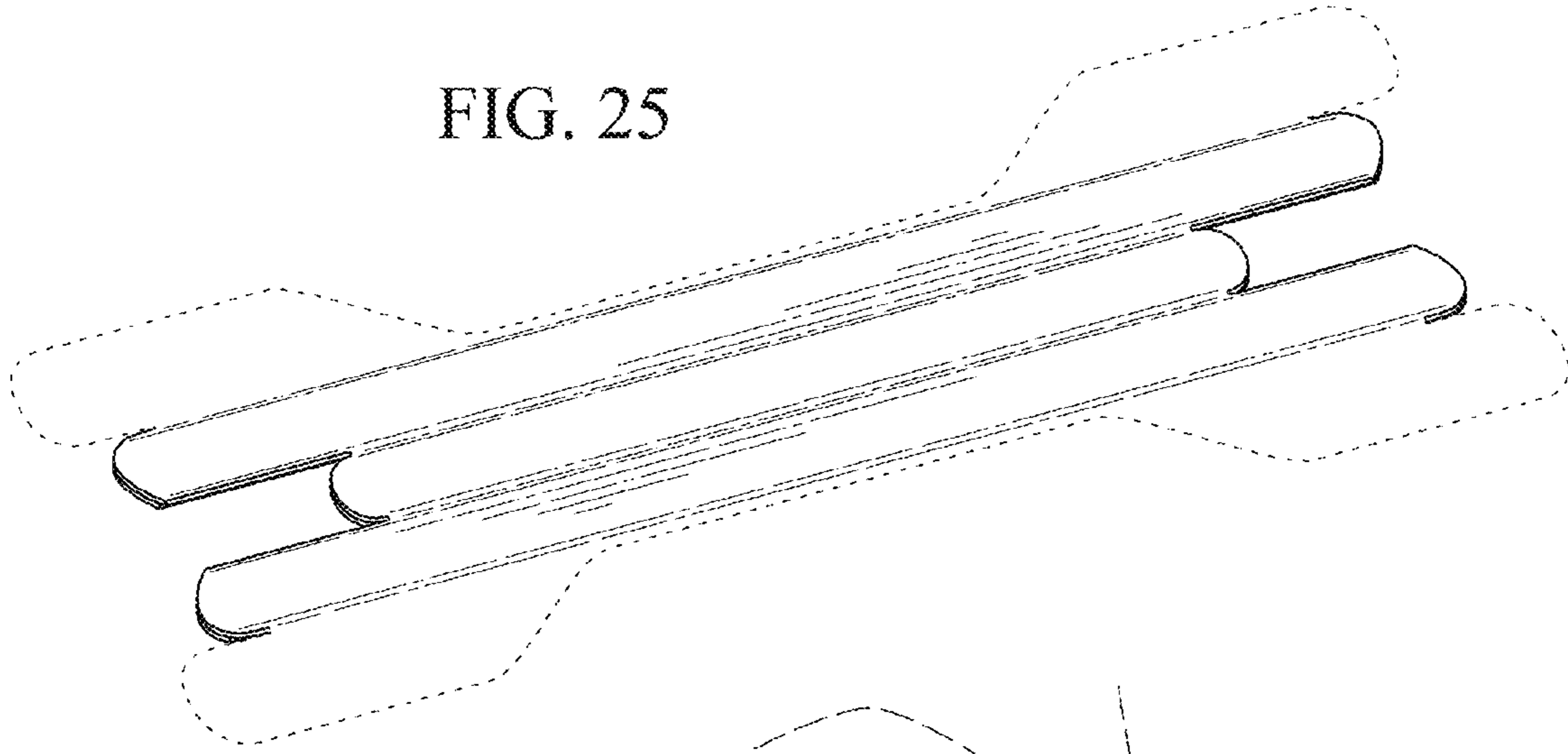


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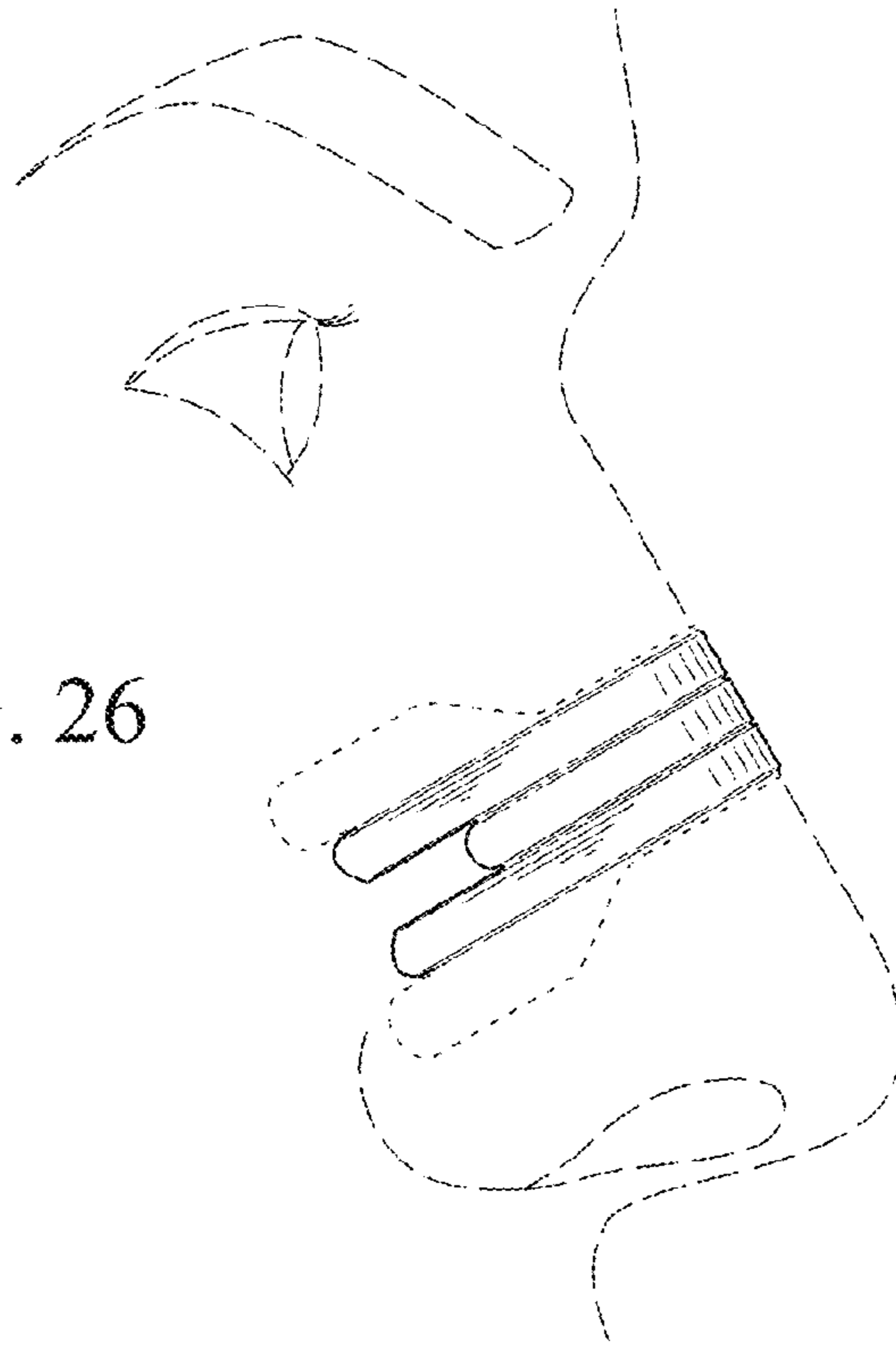


FIG. 27



FIG. 28

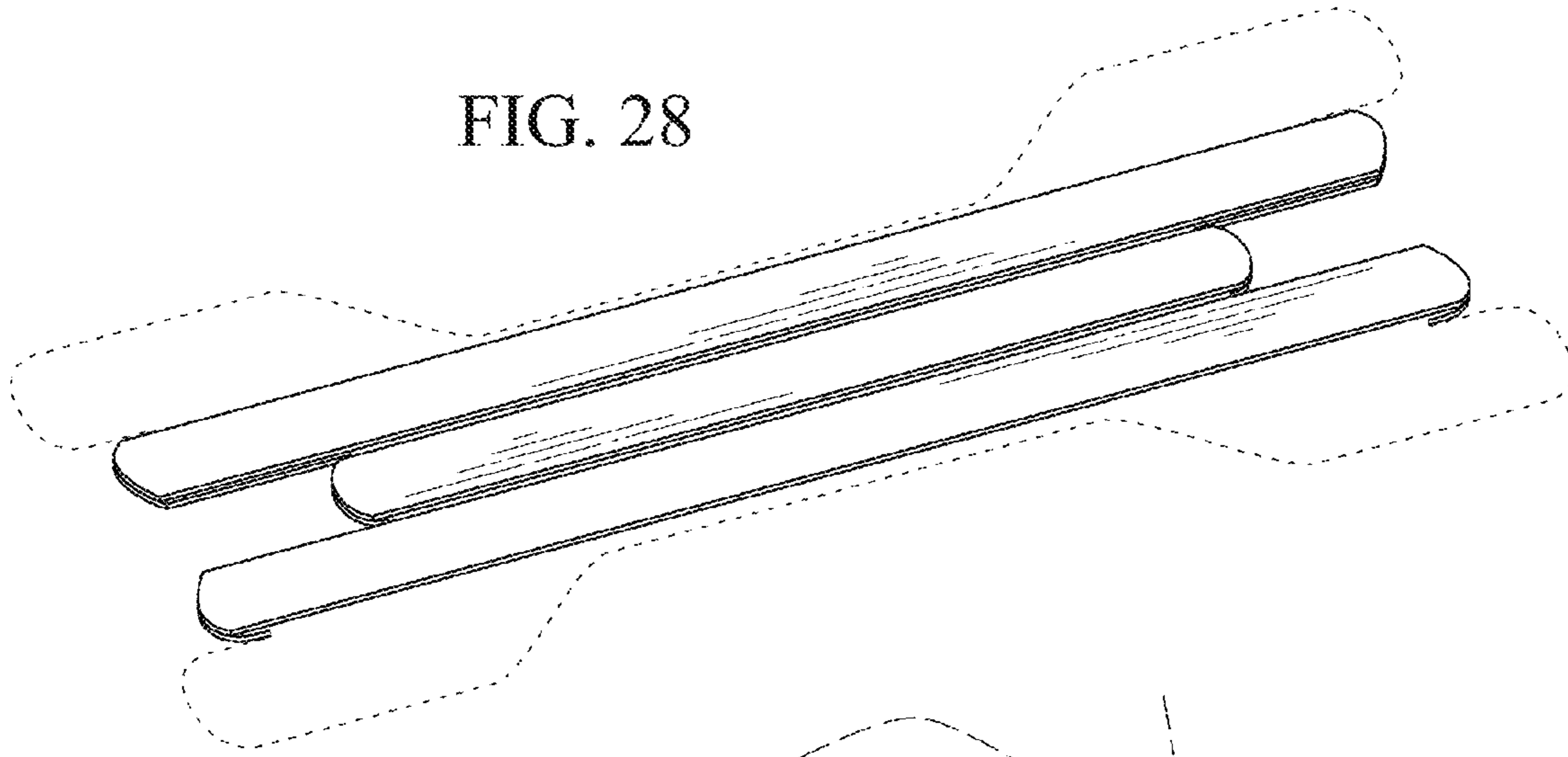


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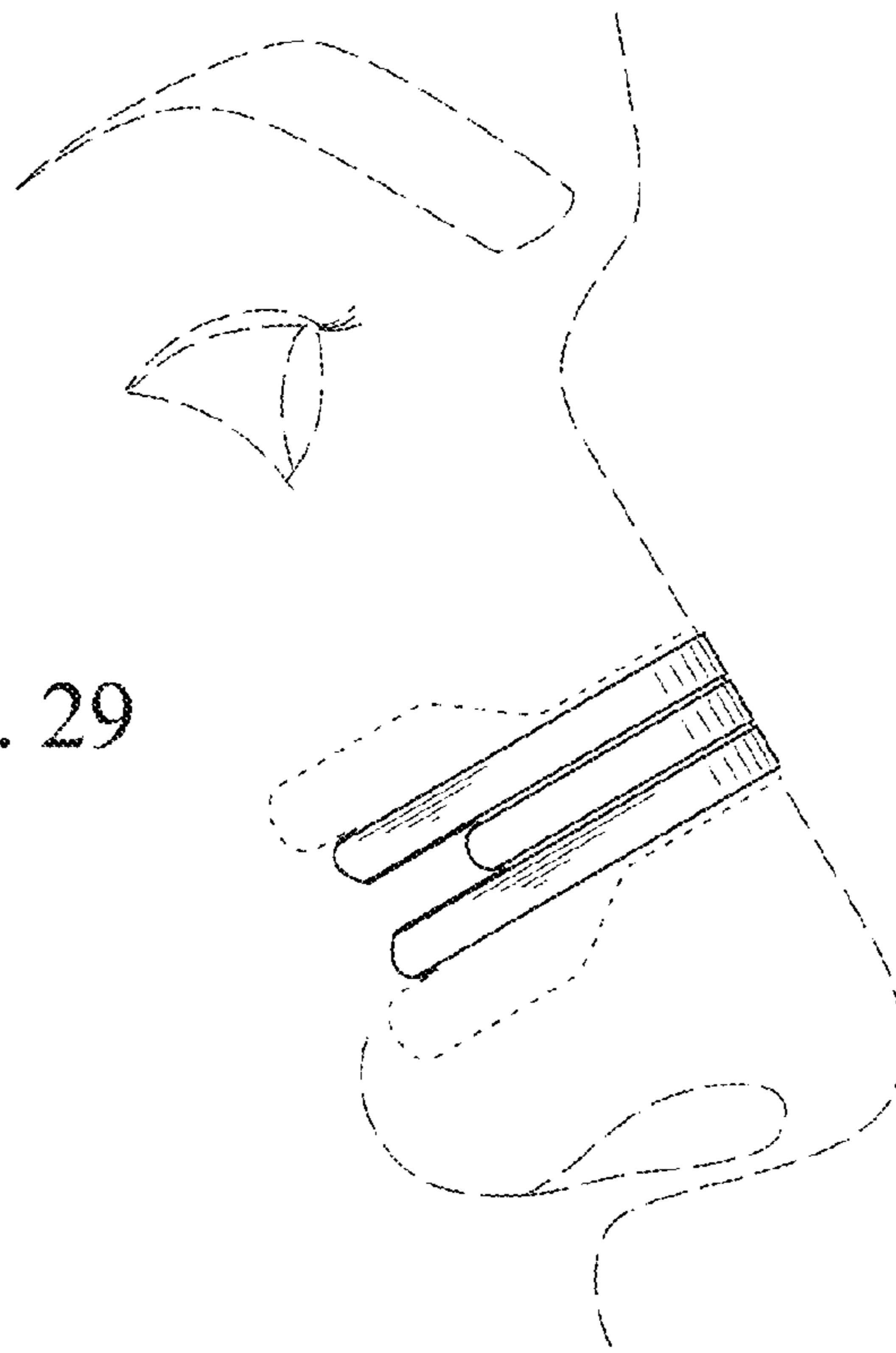


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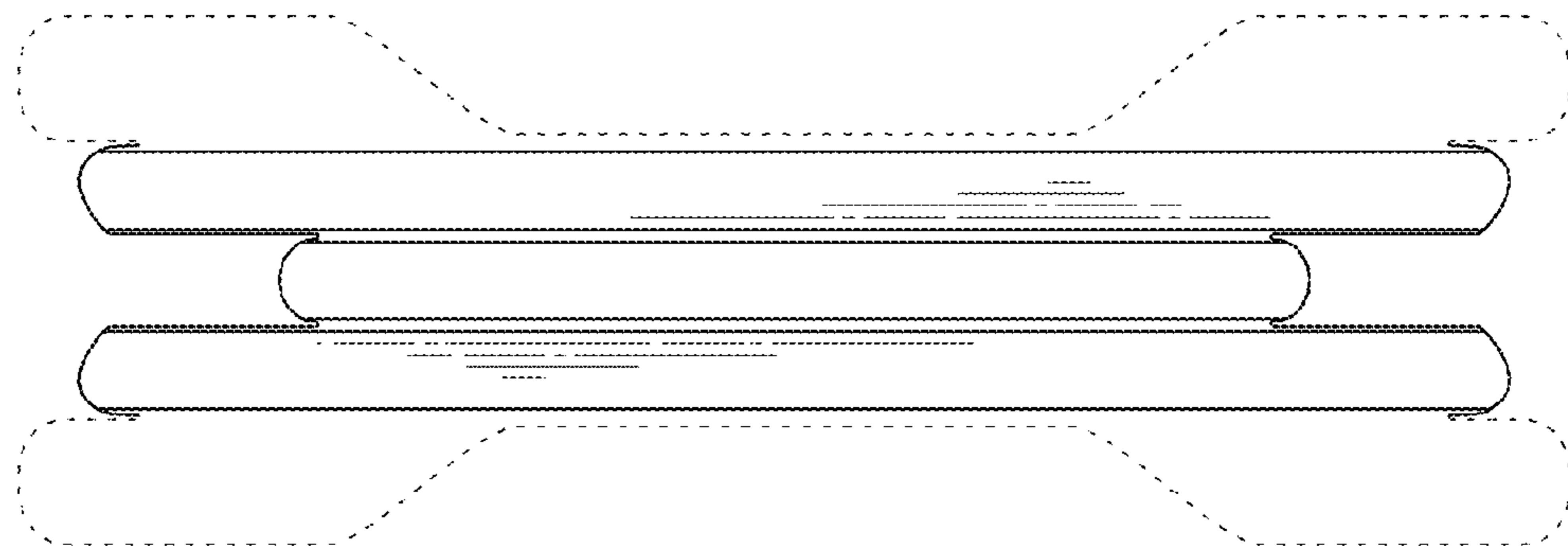


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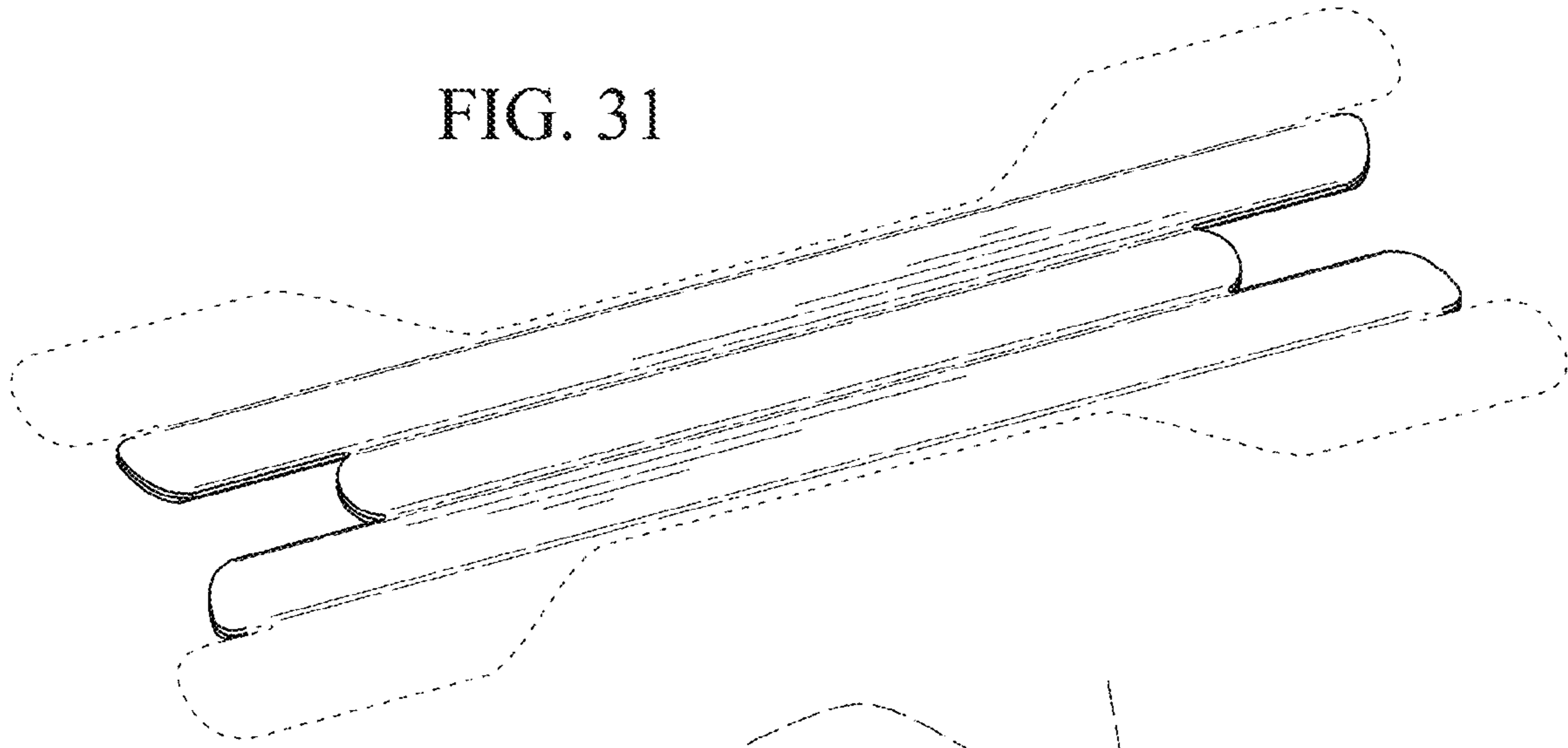


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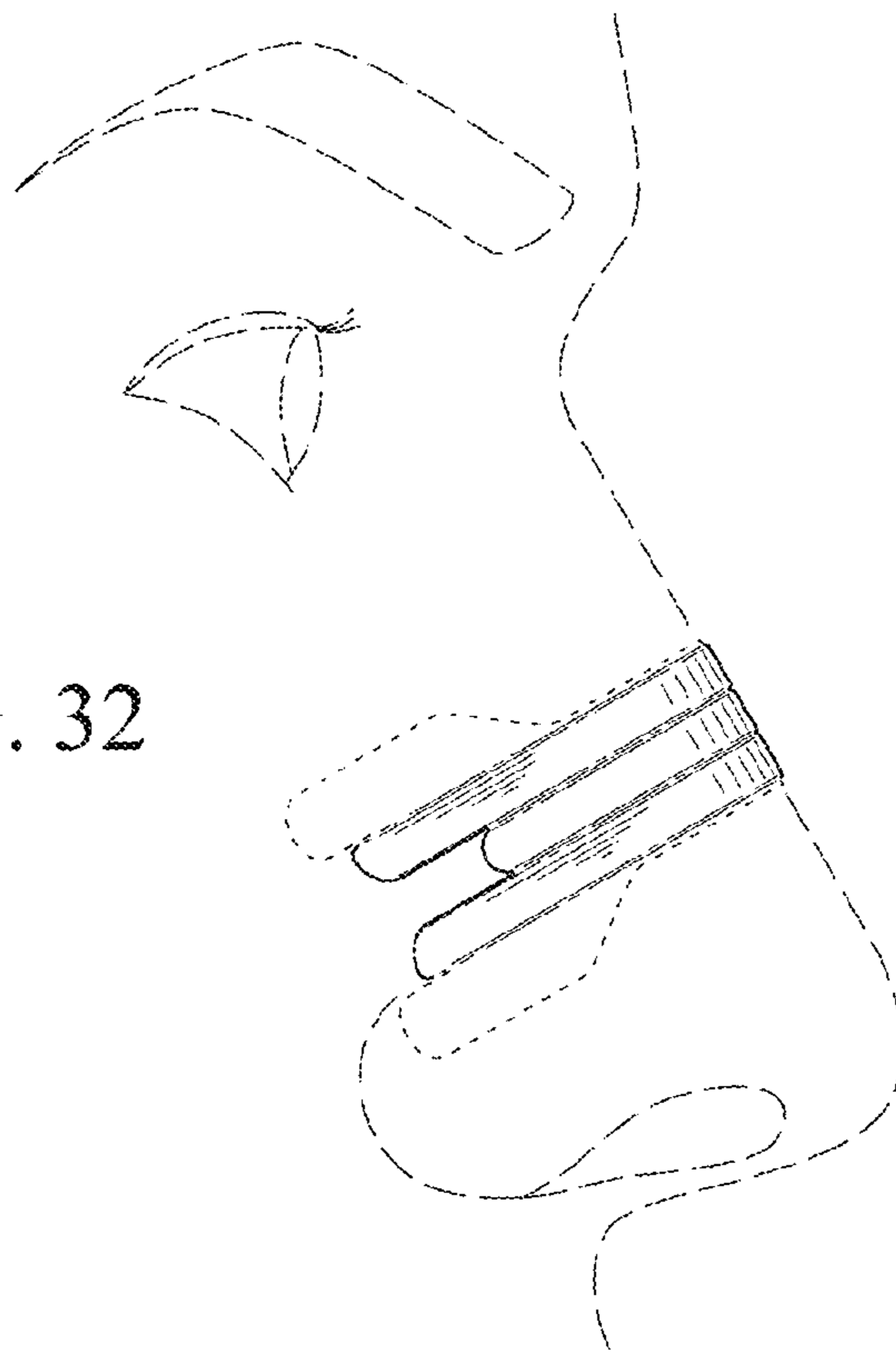


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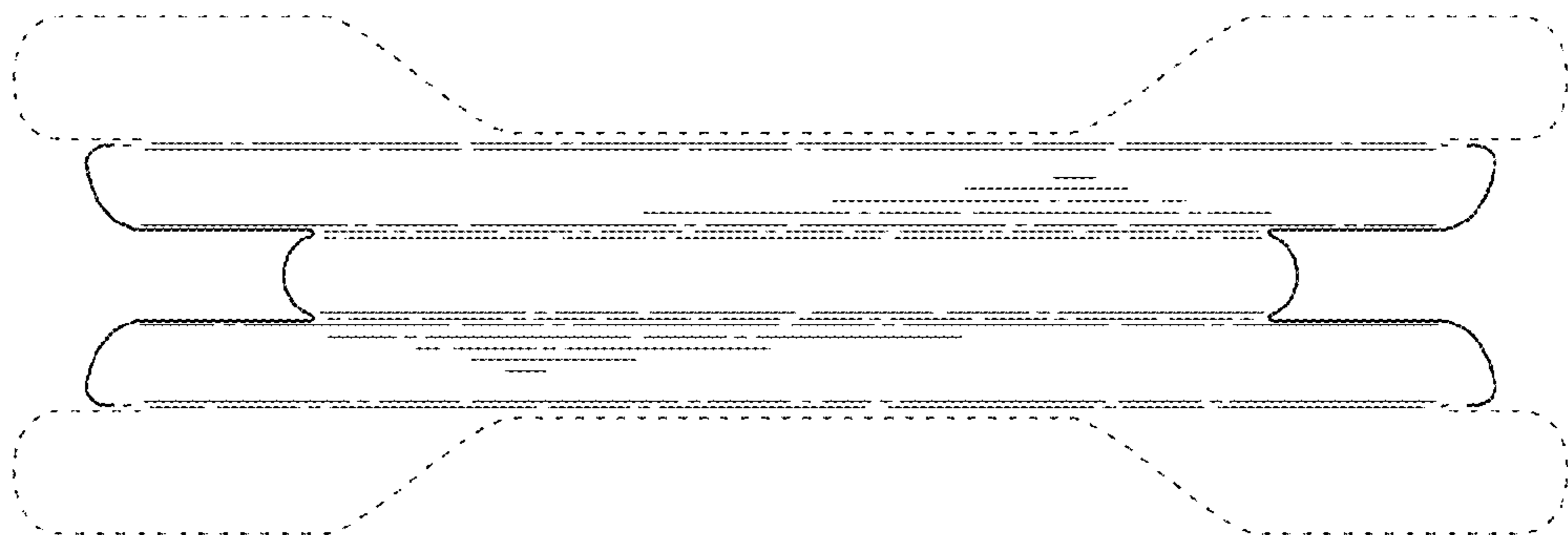


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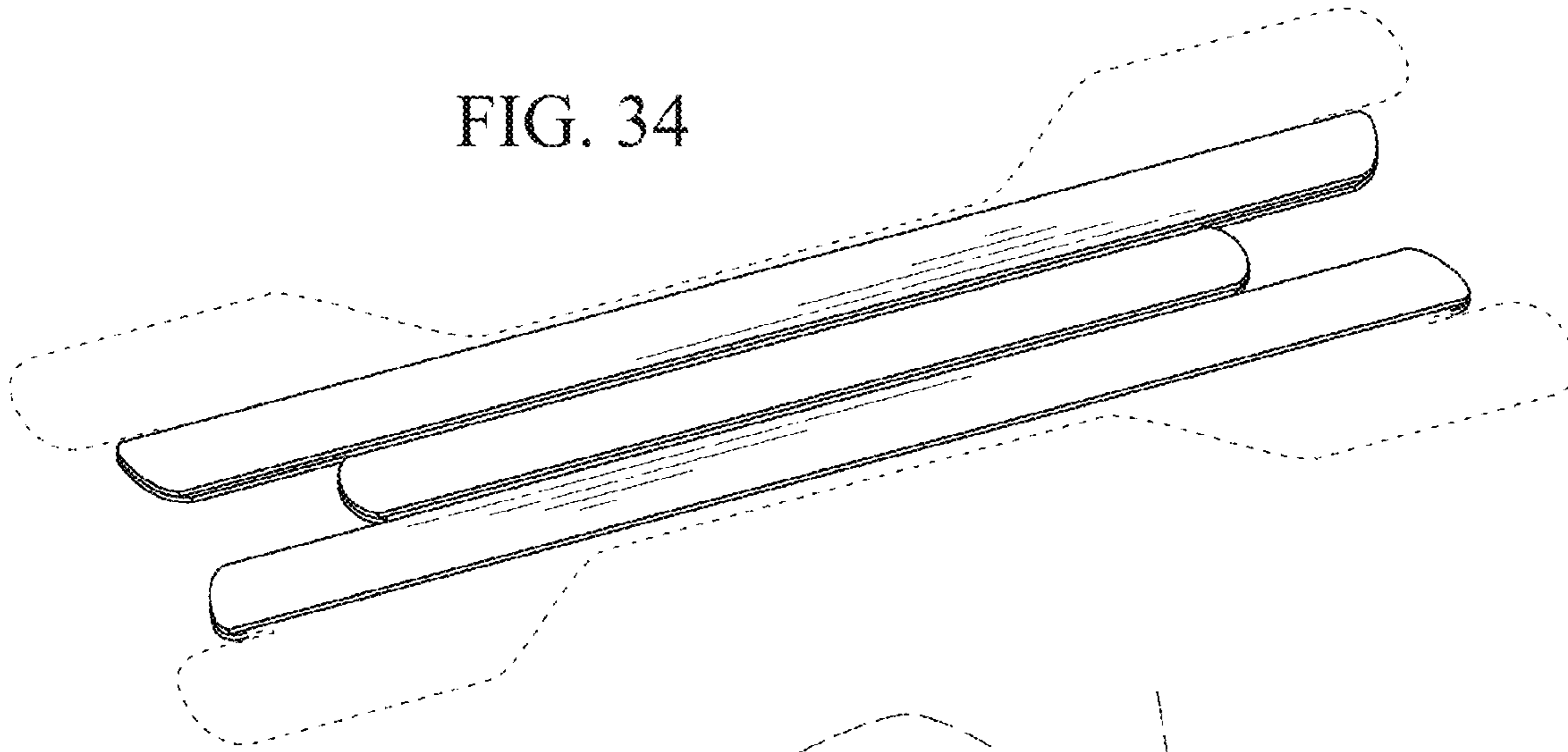


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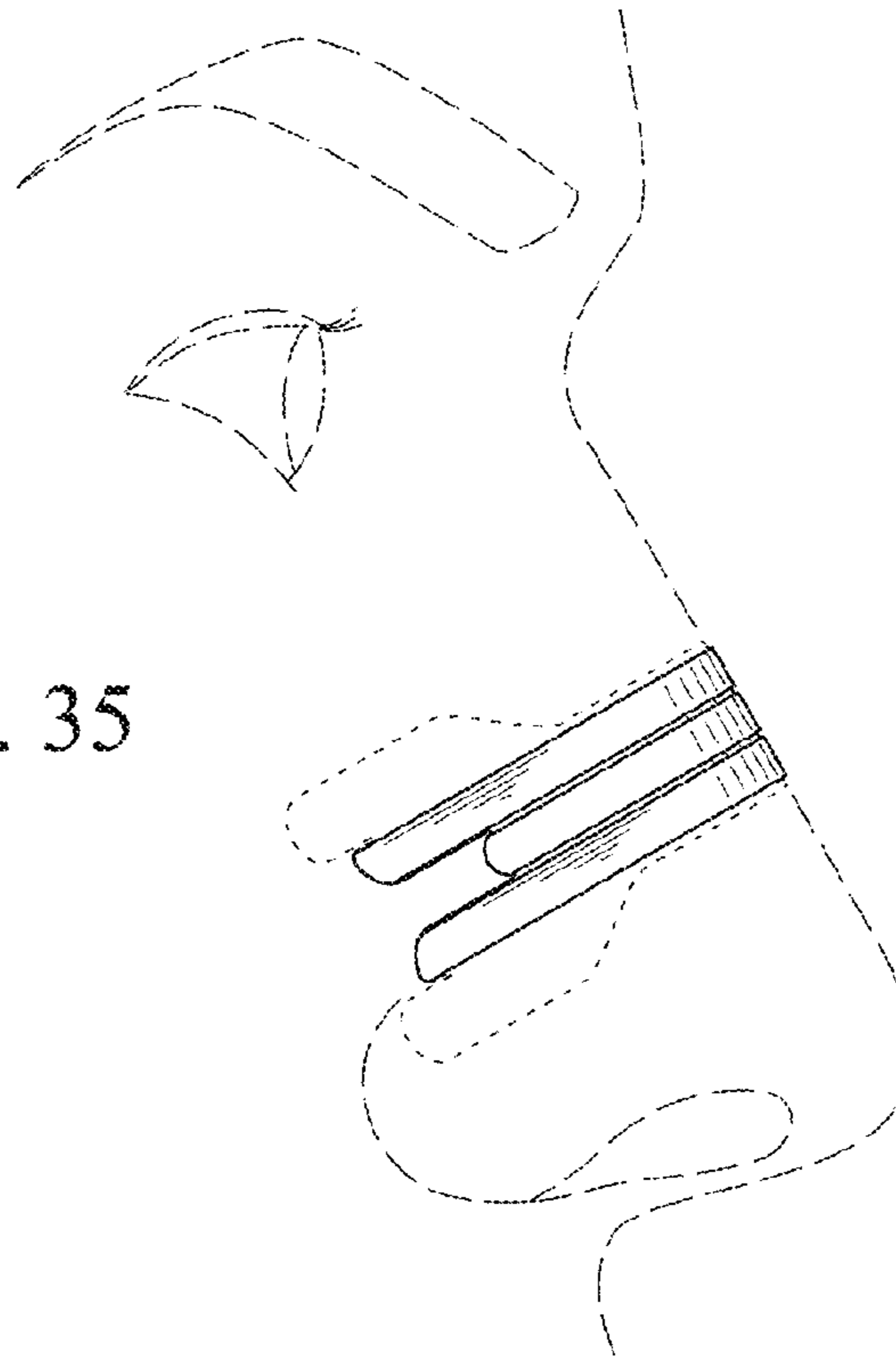


FIG. 36

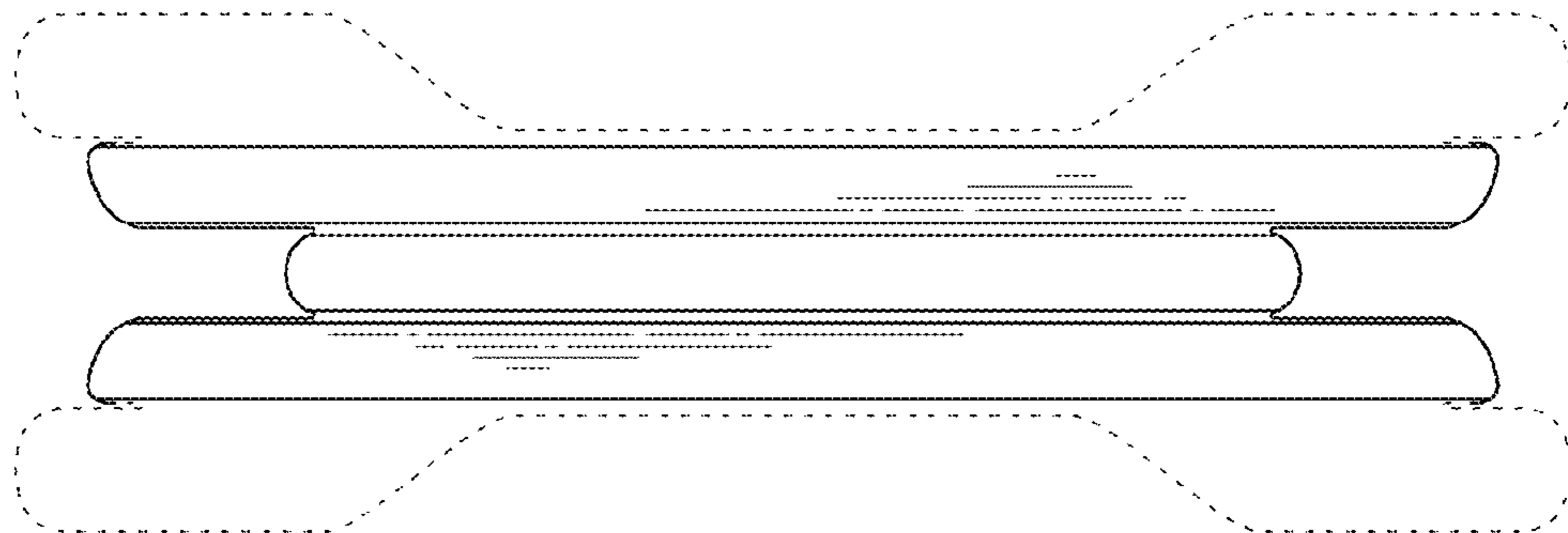


FIG. 37

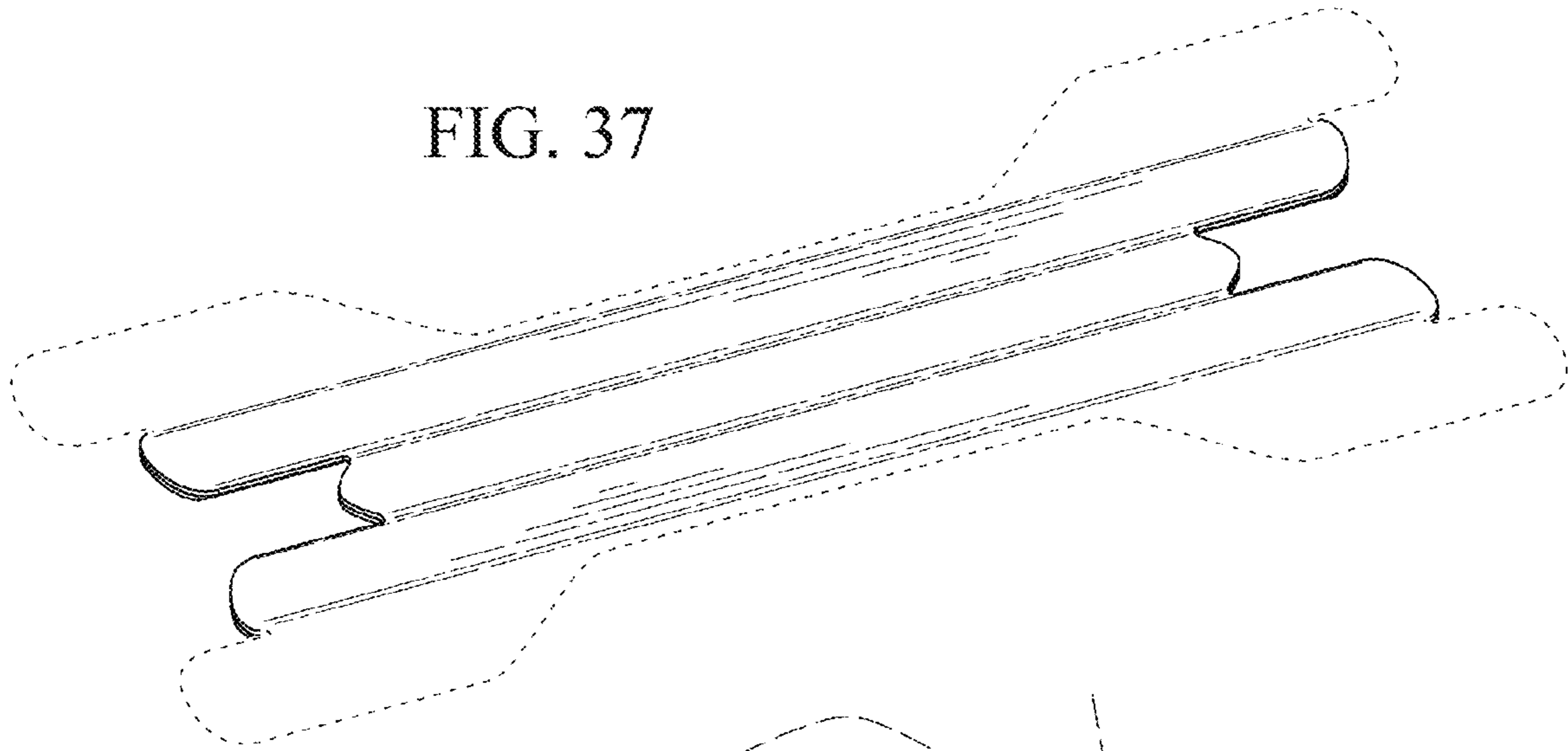


FIG. 38

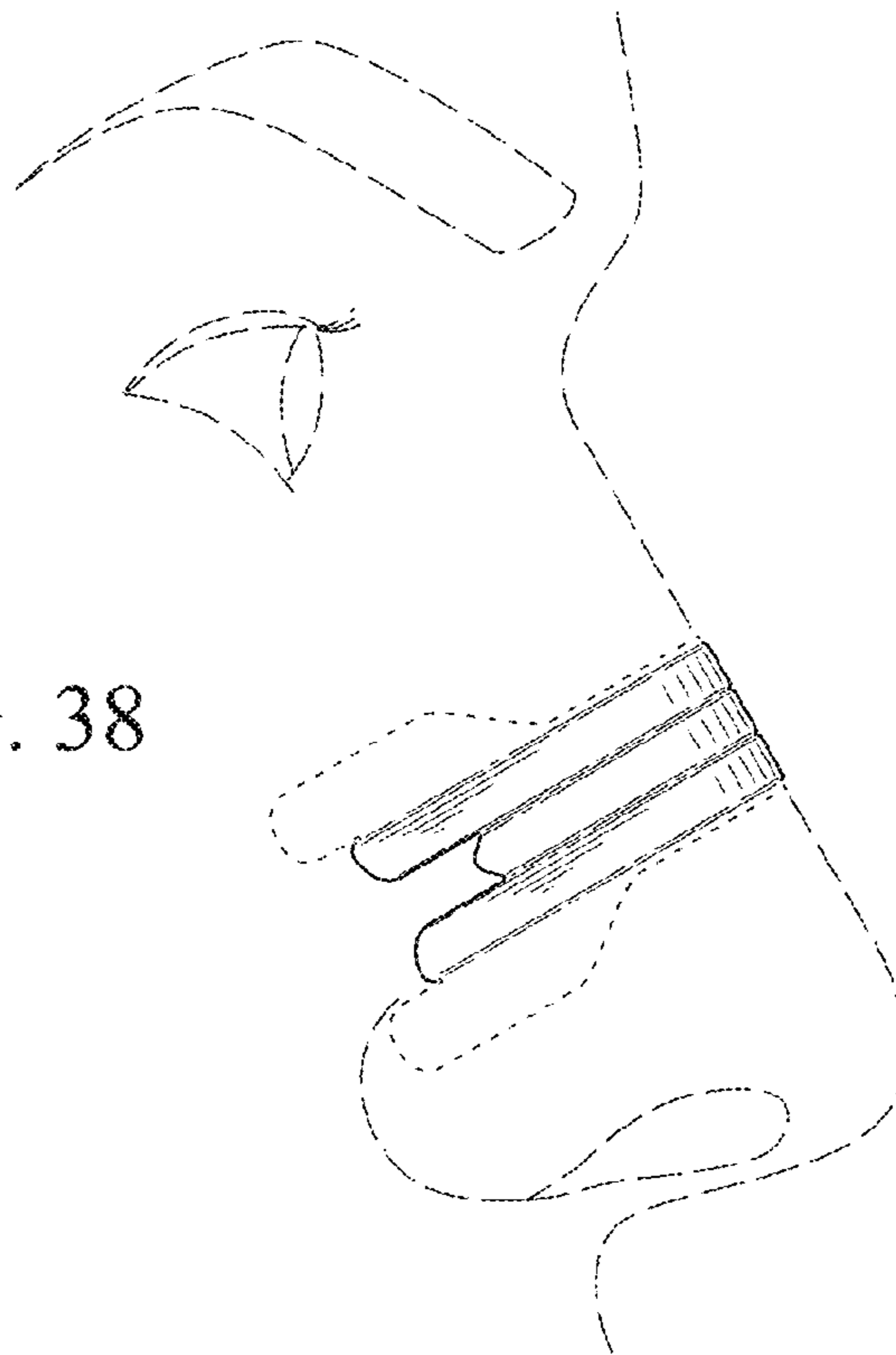


FIG. 39



FIG. 40

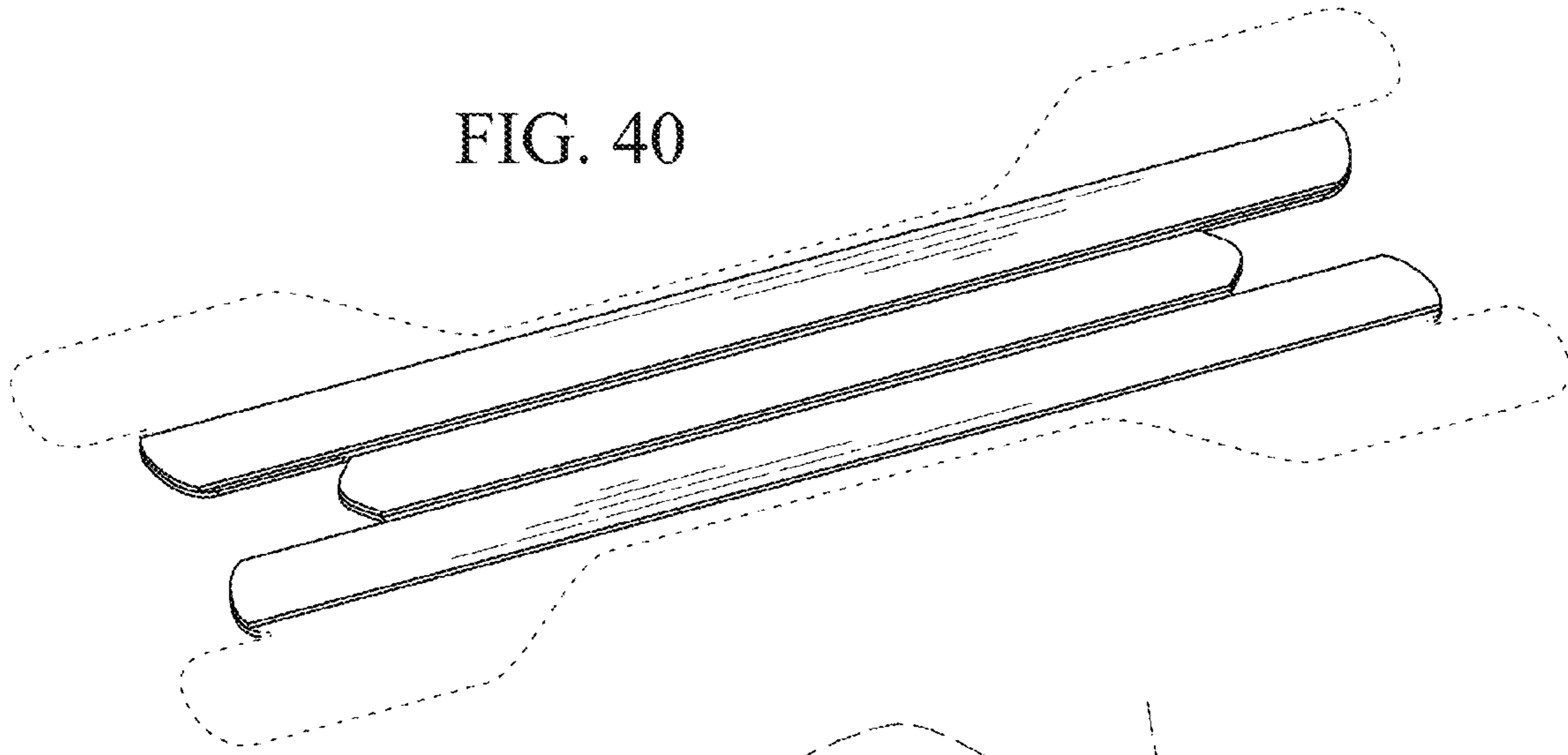


FIG. 41

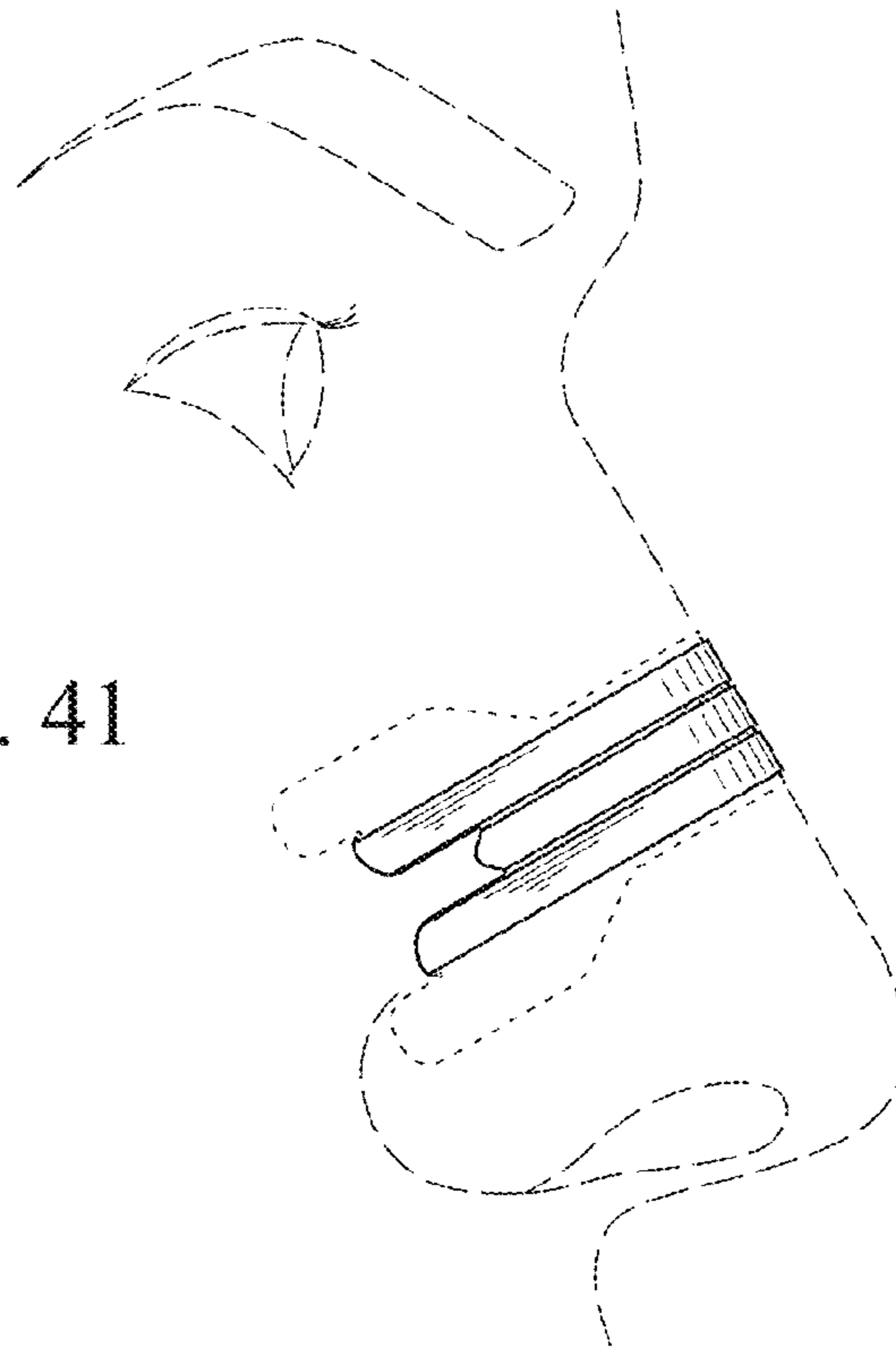


FIG. 42

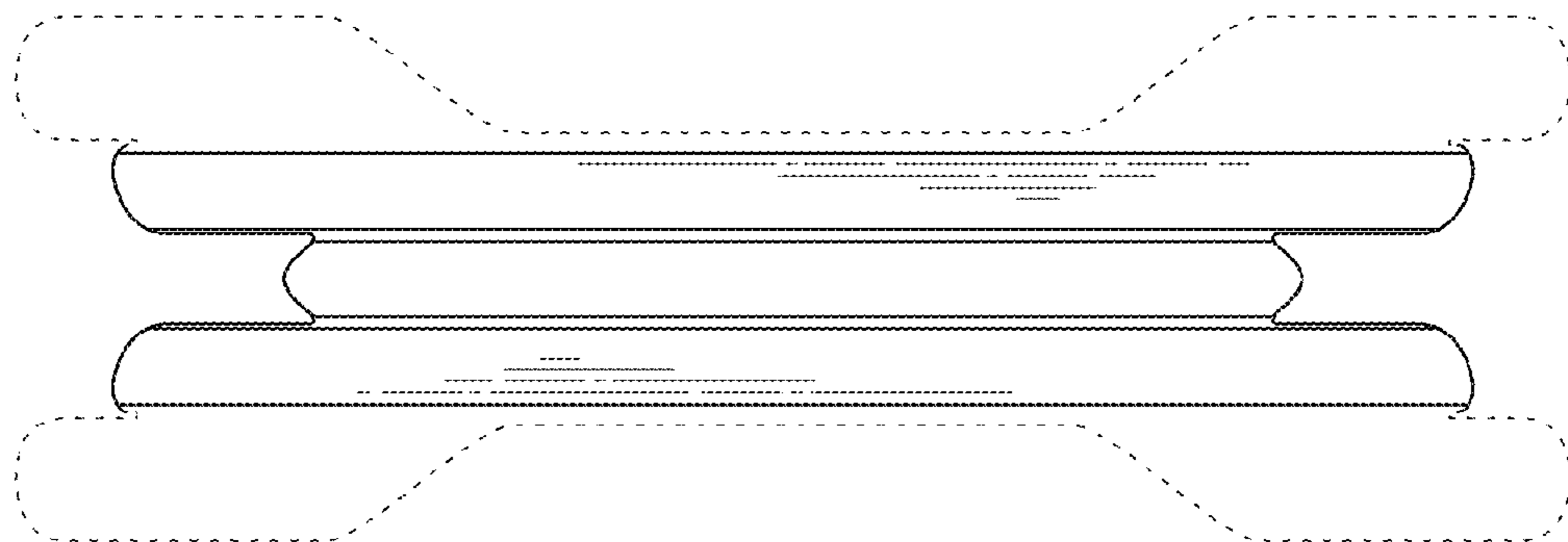


FIG. 43

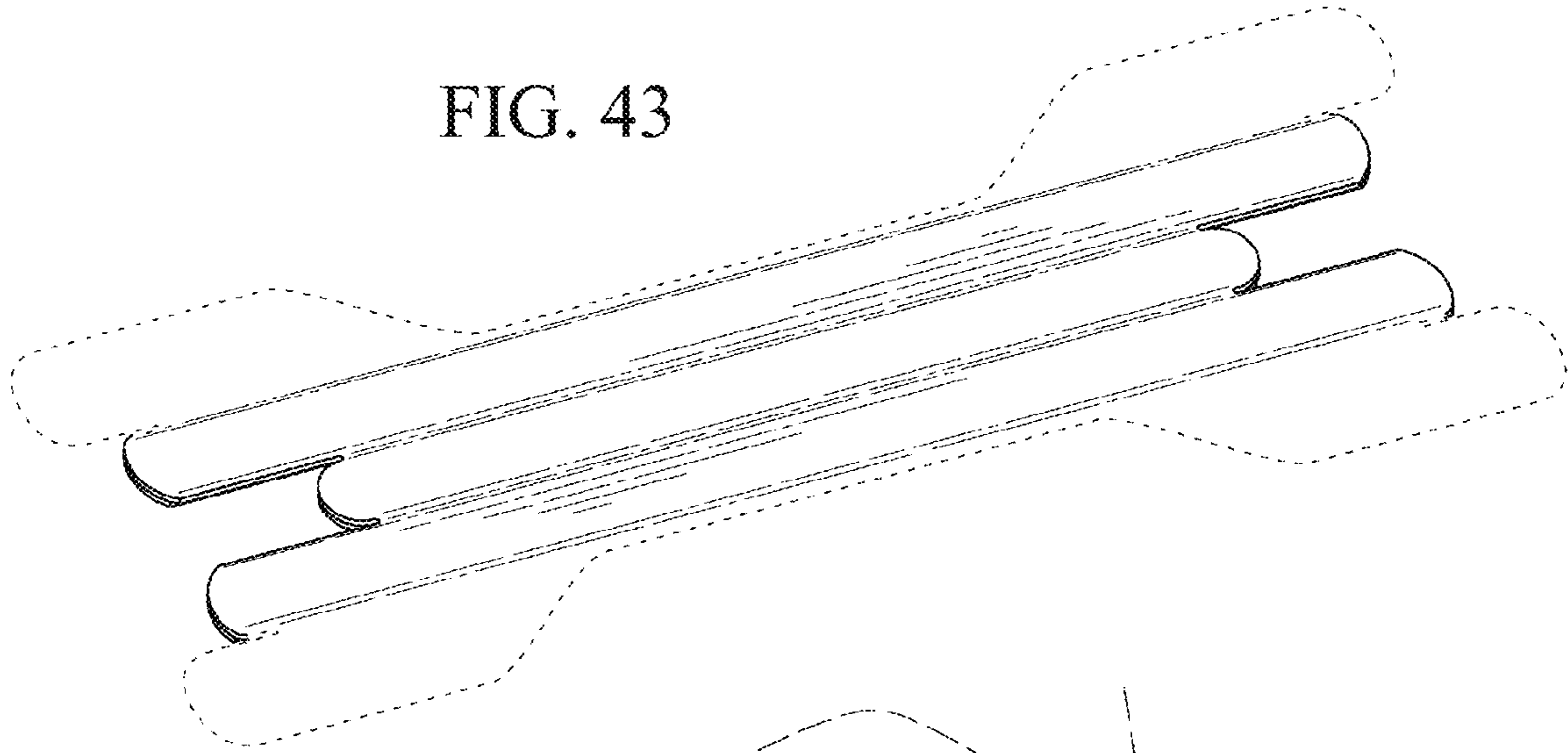


FIG. 44

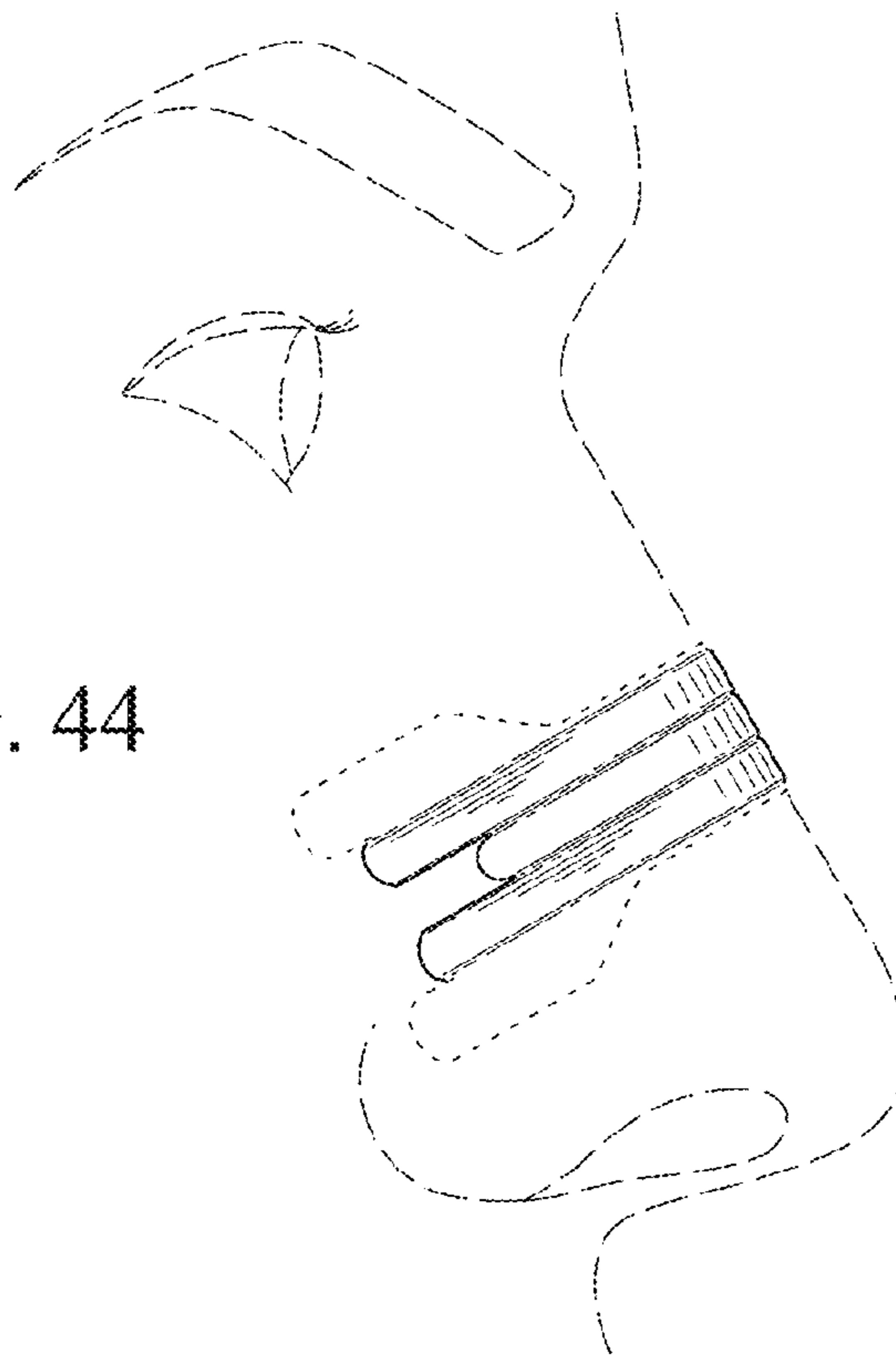


FIG. 45

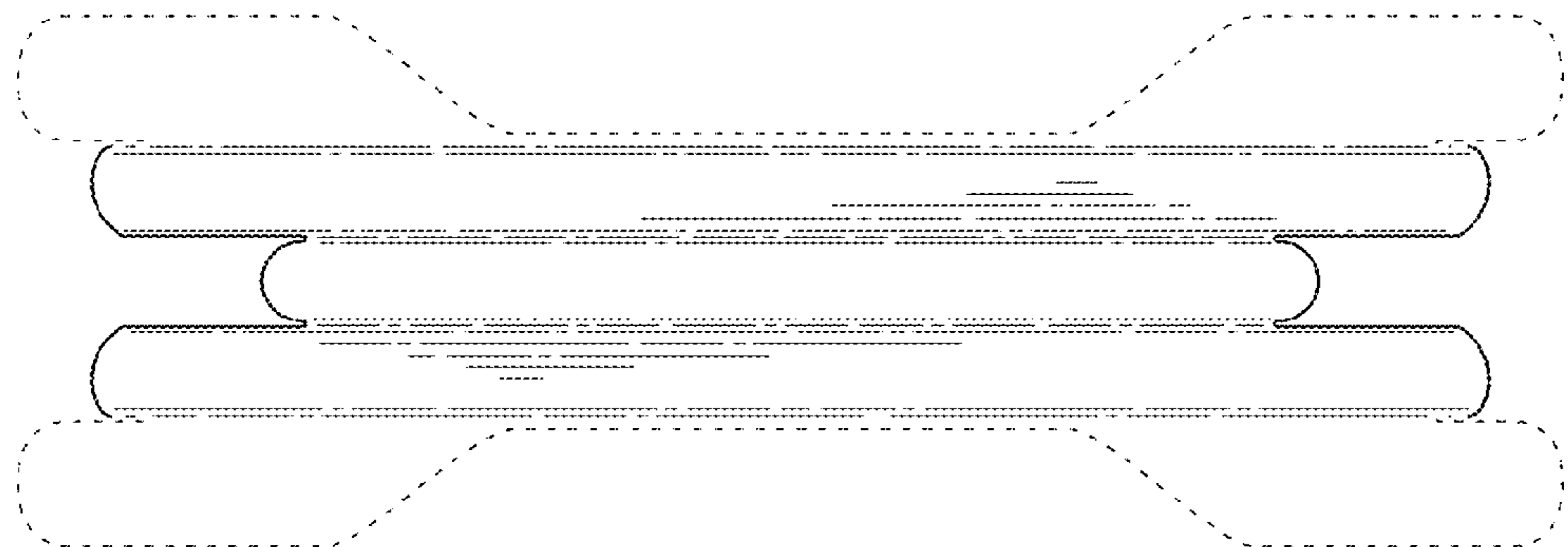


FIG. 46

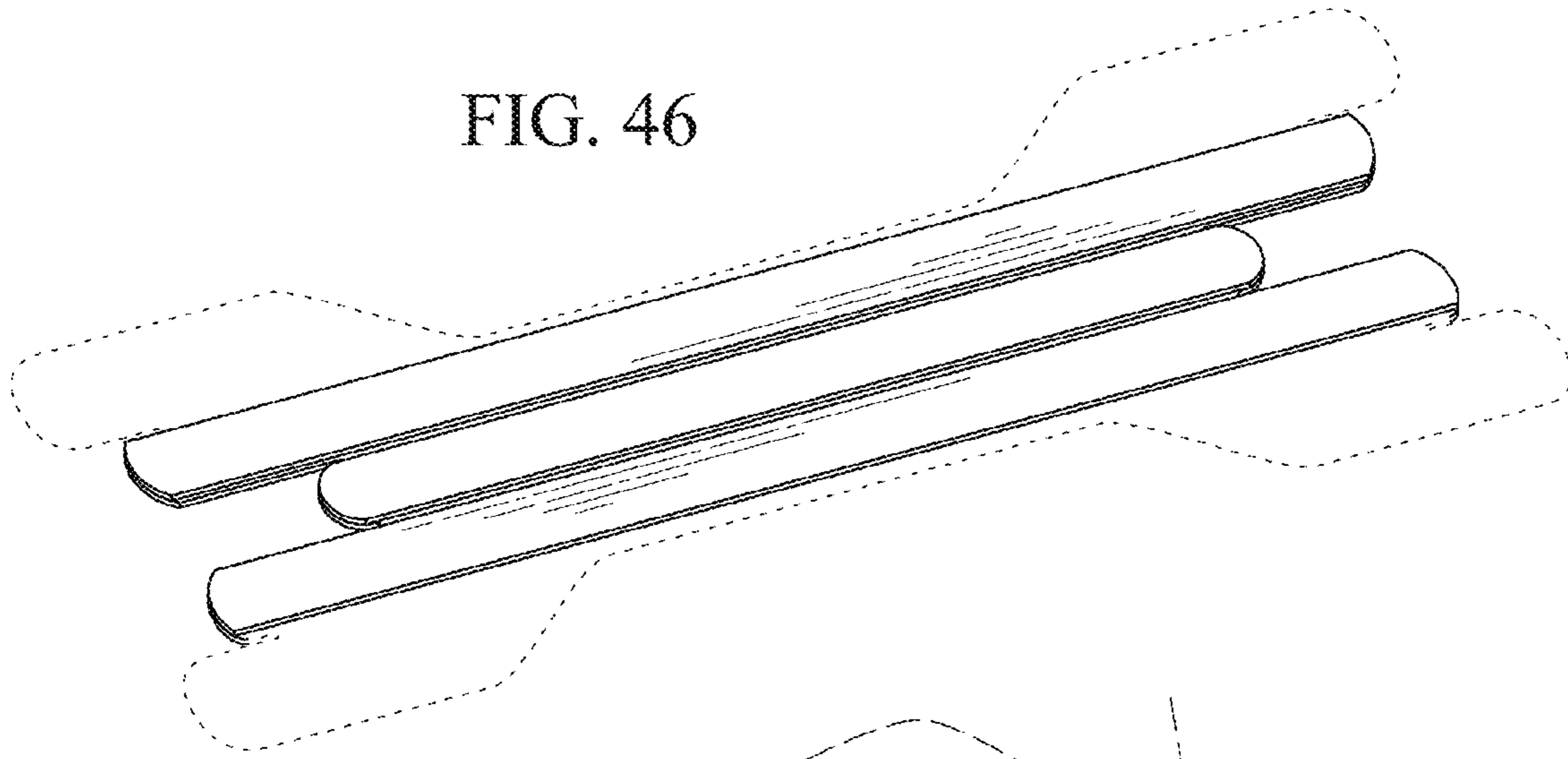


FIG. 47

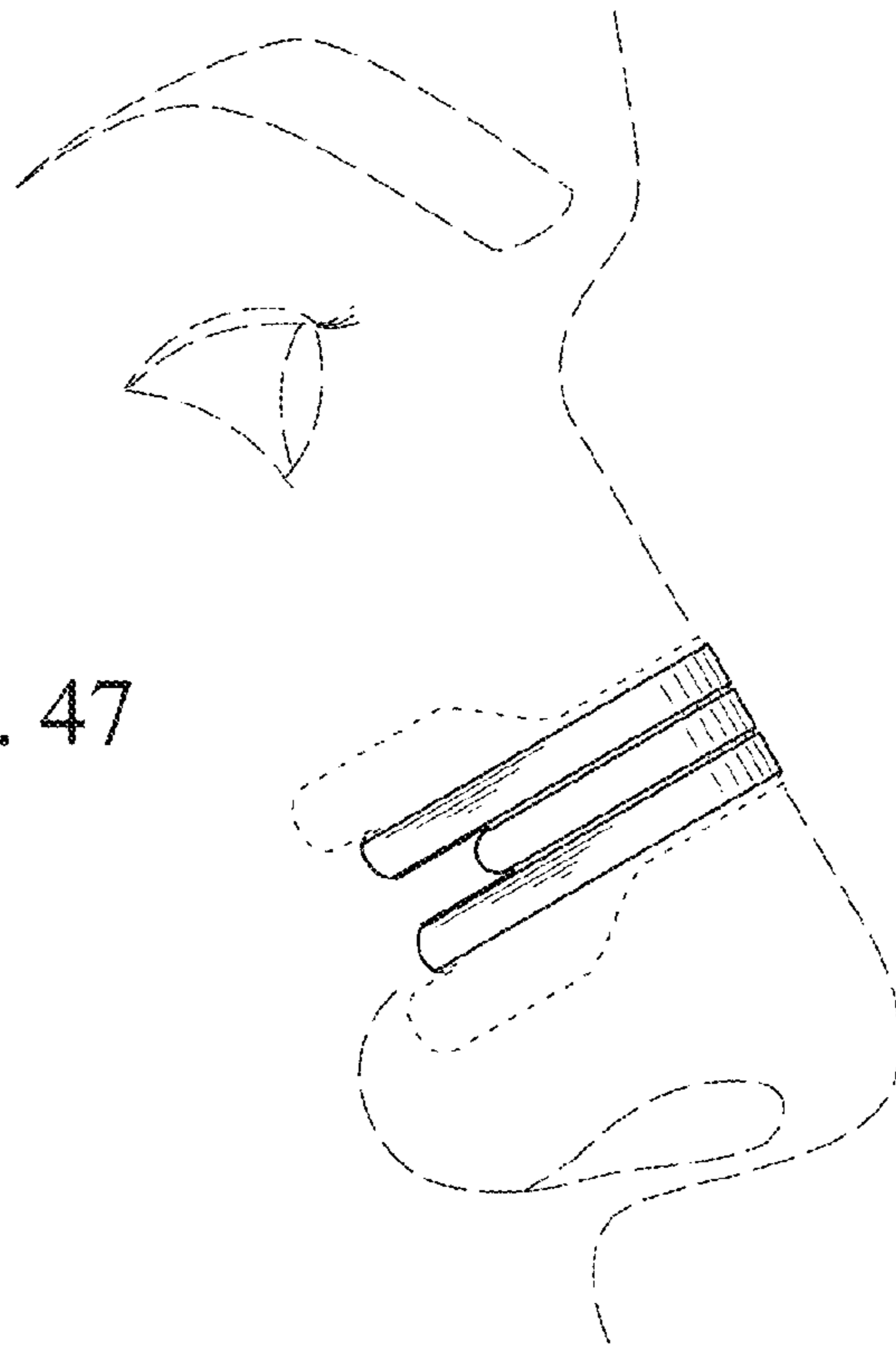


FIG. 48

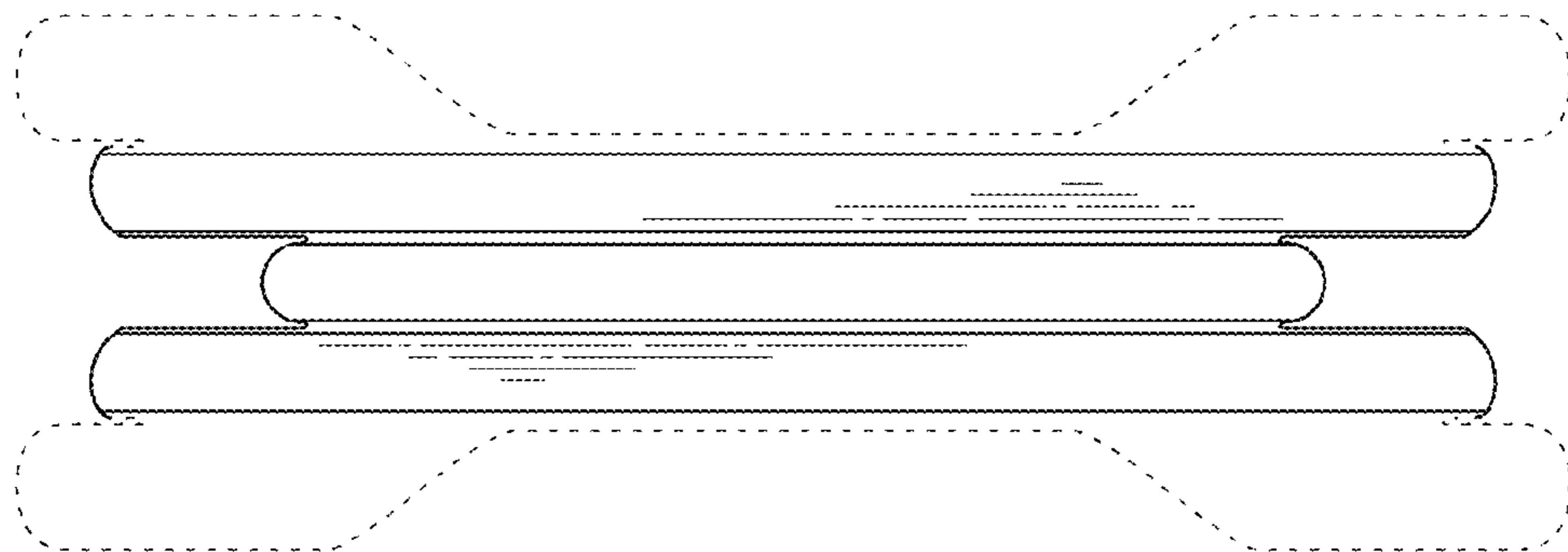


FIG. 49

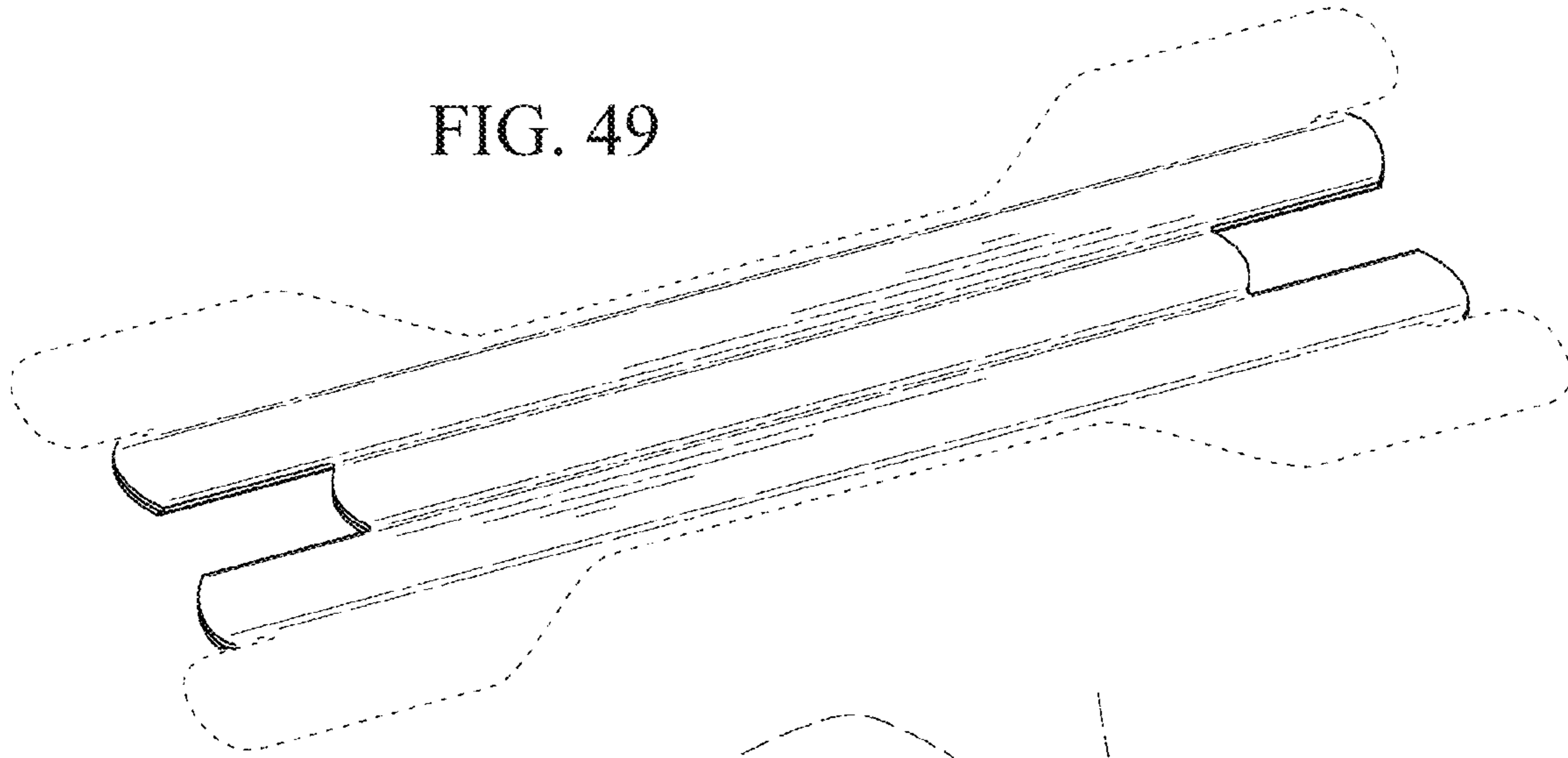


FIG. 50

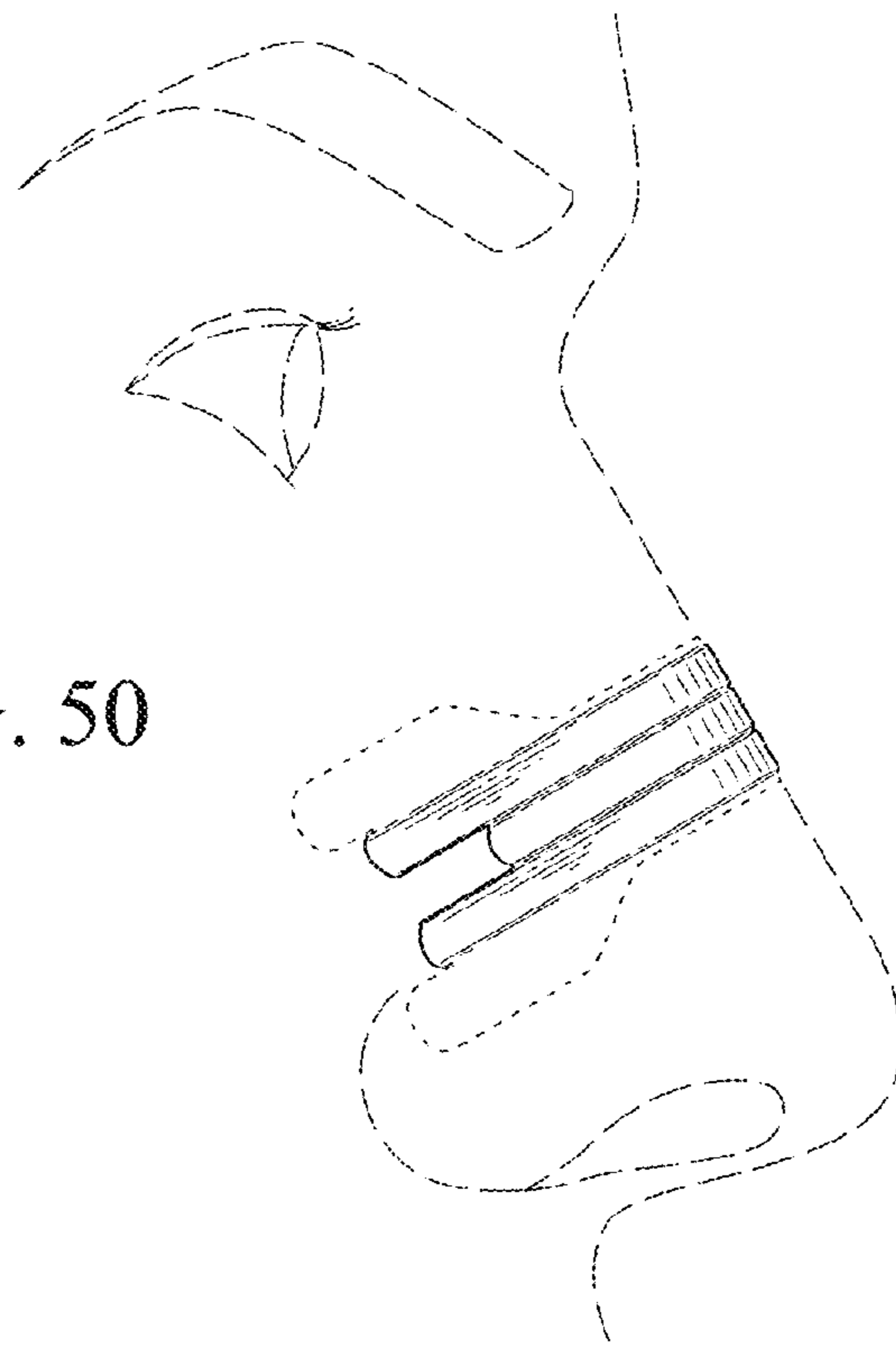


FIG. 51



FIG. 52

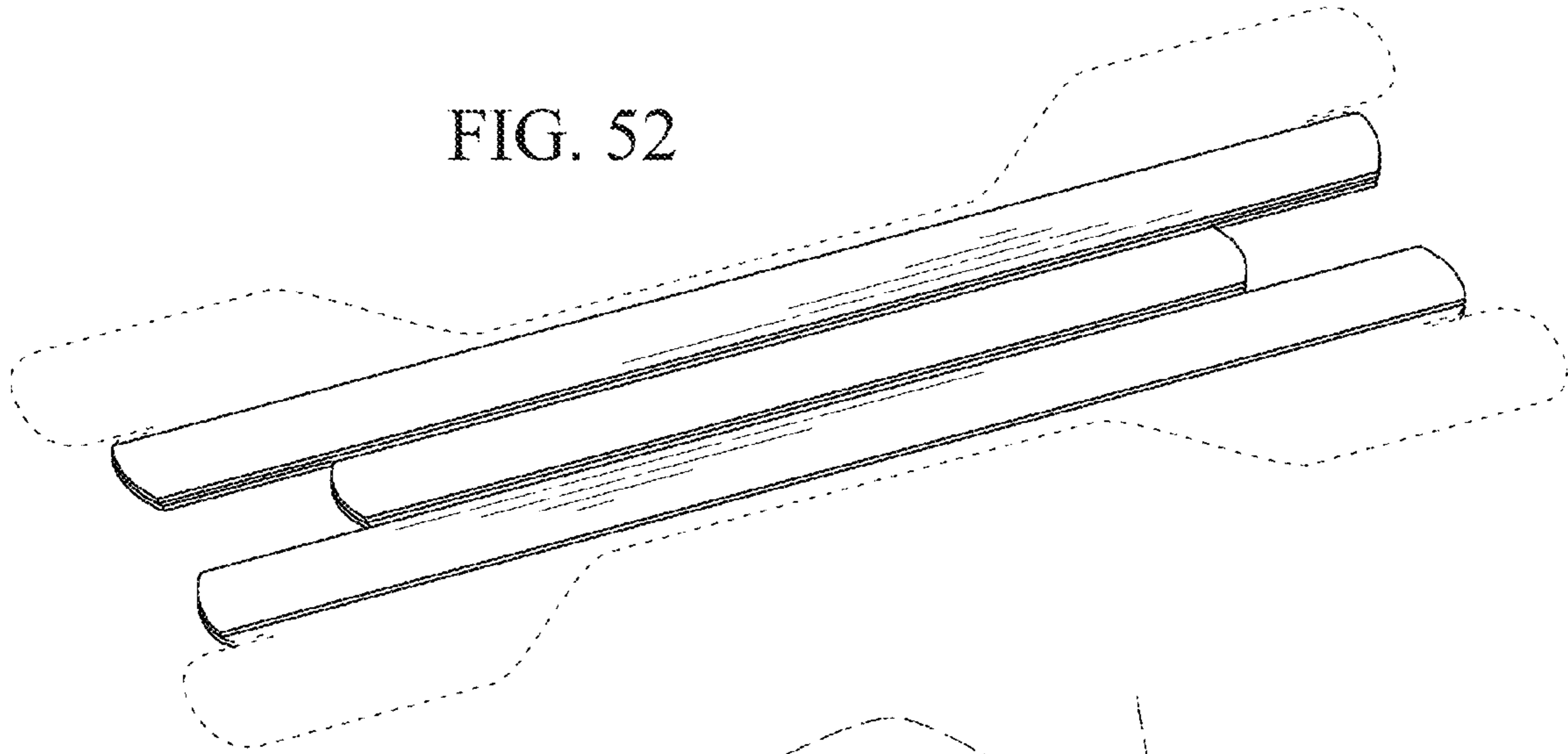


FIG. 53

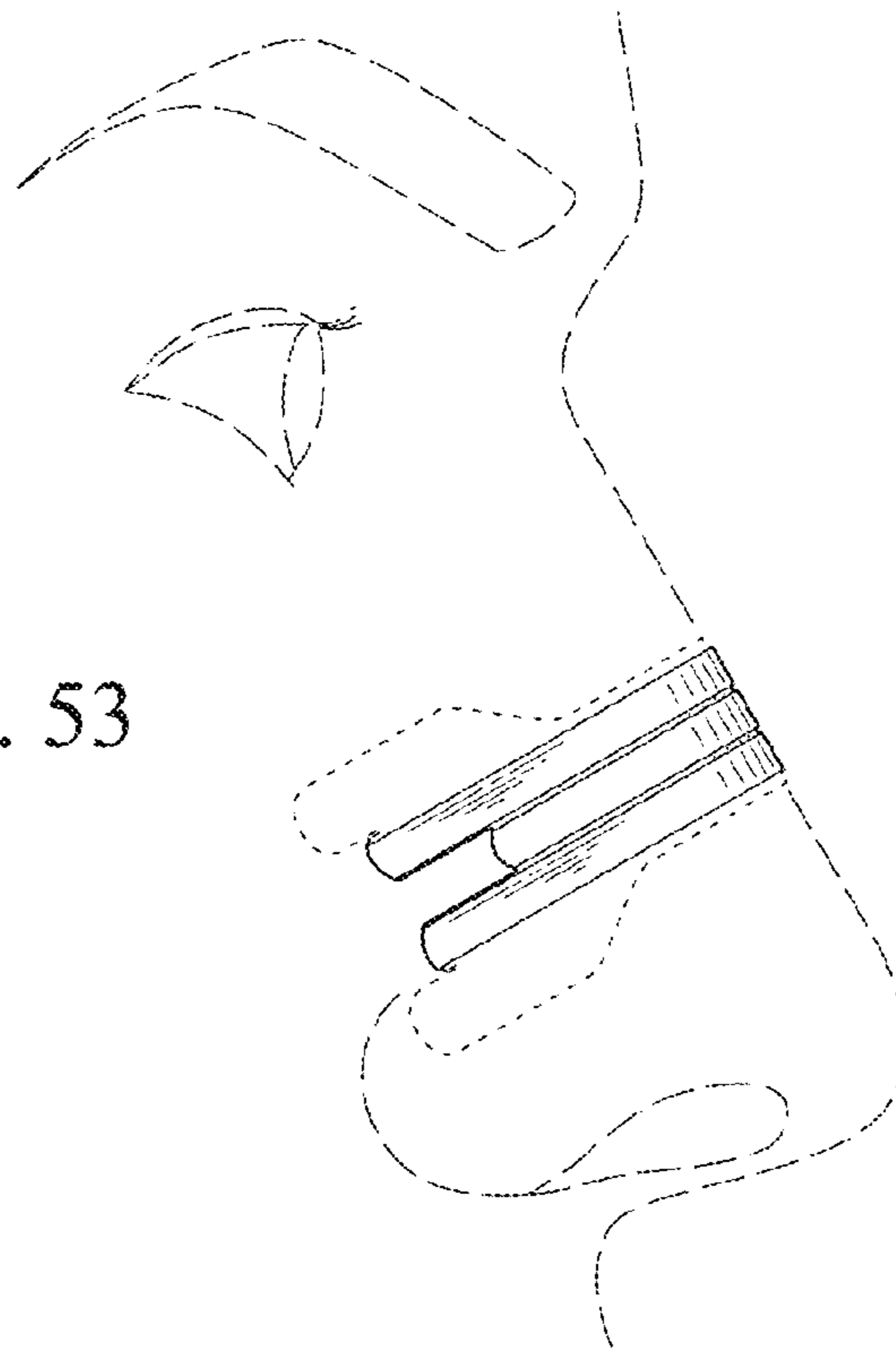


FIG. 54

