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(12) **United States Design Patent** (10) **Patent No.:** **US D898,193 S**
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(54) **NASAL DILATOR**
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(**) Term: **15 Years**

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.

(Continued)

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Related U.S. Application Data

(60) Continuation of application No. 29/635,558, filed on Jan. 31, 2018, now Pat. No. Des. 858,762, which is a continuation of application No. 29/603,278, filed on May 8, 2017, now Pat. No. Des. 813,387, which is a continuation of application No. 29/562,610, filed on Apr. 27, 2016, now Pat. No. Des. 790,058, which is a continuation of application No. 29/515,184, filed on Jan. 20, 2015, now Pat. No. Des. 758,576, which is a division of application No. 29/455,903, filed on May 24, 2013, now Pat. No. Des. 725,773.

(51) **LOC (12) 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

FOREIGN PATENT DOCUMENTS

EP 855175 A1 7/1998
ES 289561 10/1985
IN 229876-0001 * 12/2009
IN 229875-0001 * 5/2011

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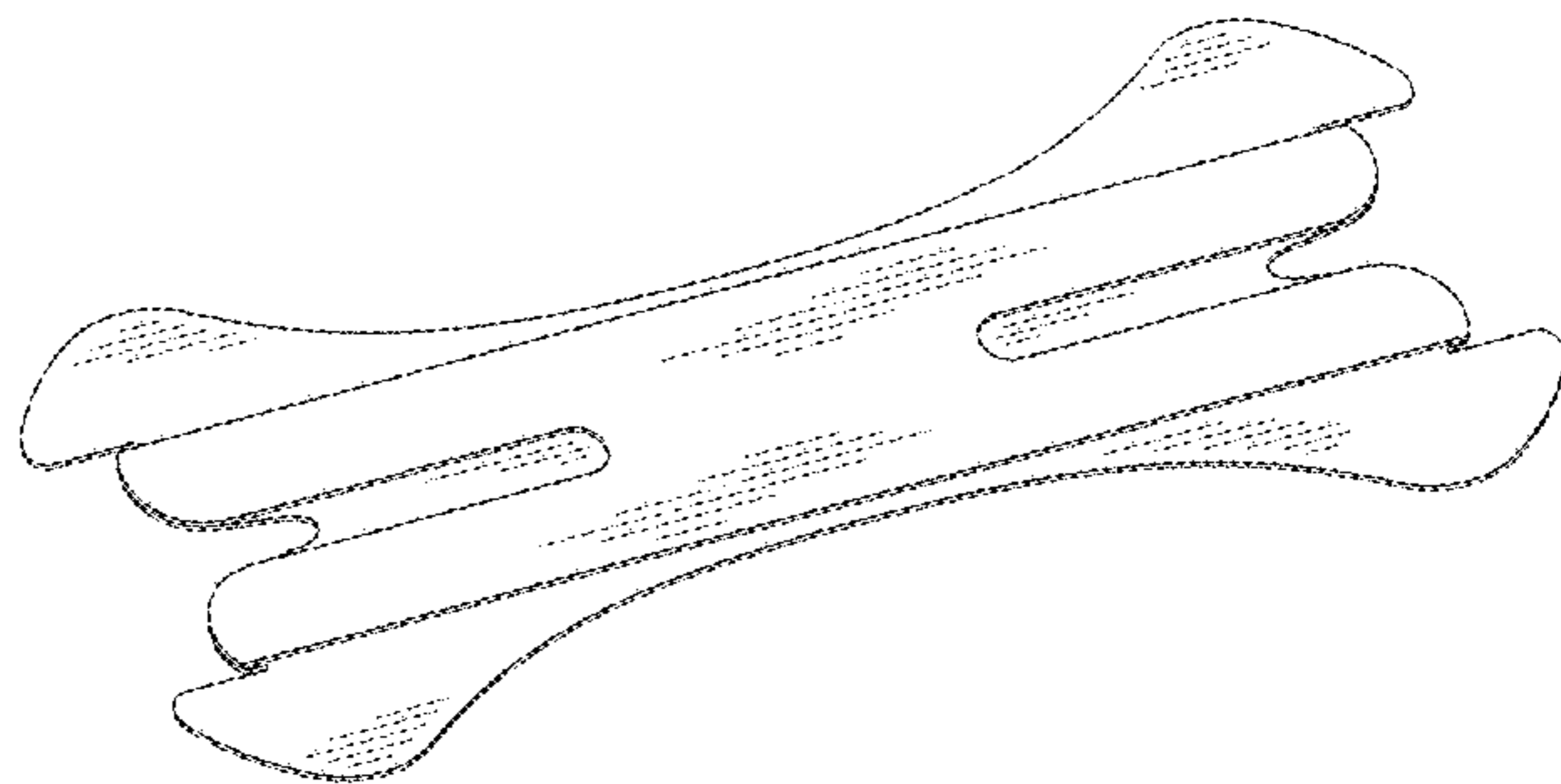
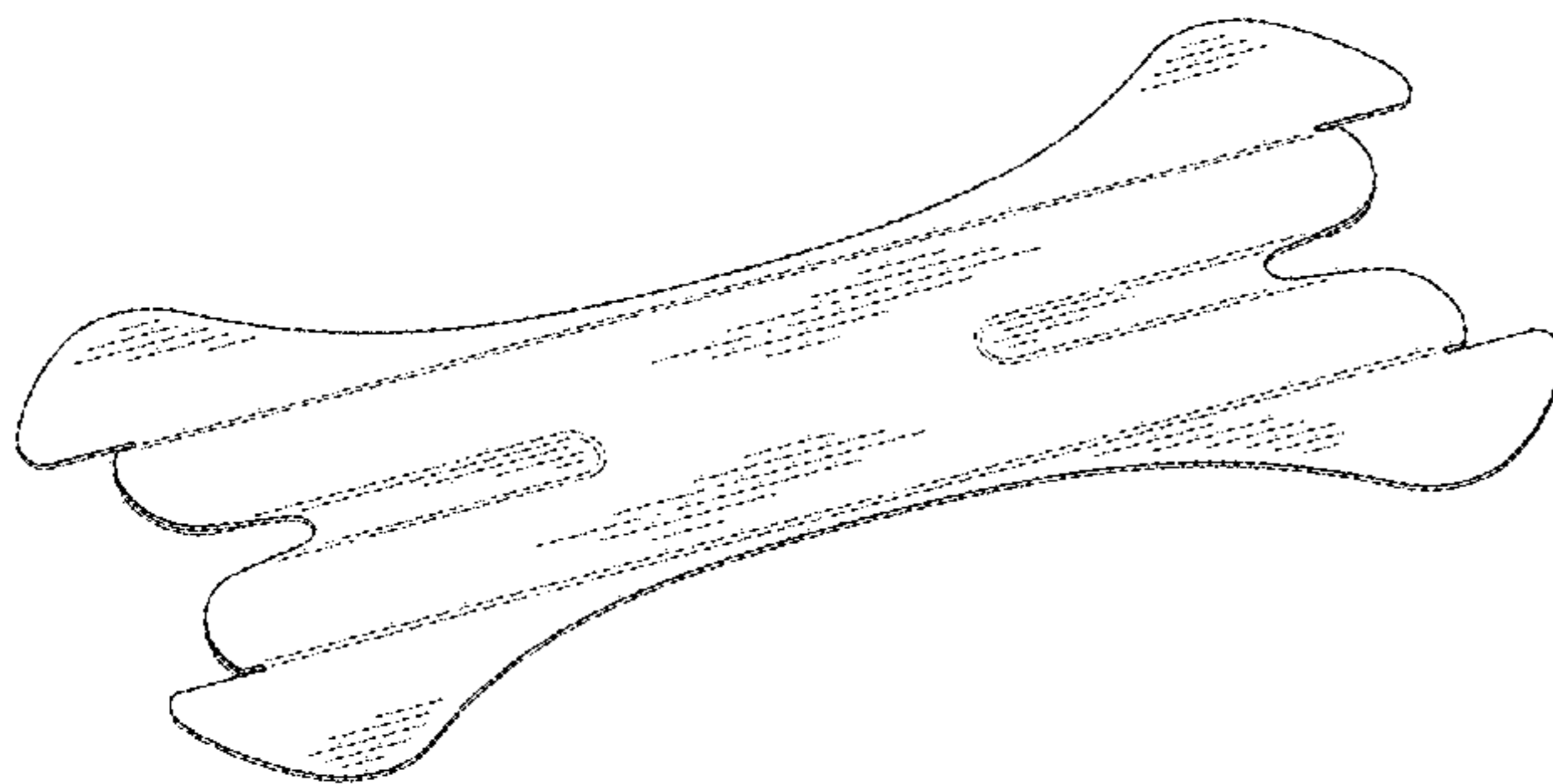
(57) **CLAIM**

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 perspective view thereof, showing the dilator in an in-use state;
FIG. 3 is a three-quarter perspective view of FIG. 1;
FIG. 4 is a top plan view of a second embodiment of a nasal dilator showing our new design;
FIG. 5 is a perspective view thereof, showing the dilator in an in-use state; and,
FIG. 6 is a three-quarter perspective view of FIG. 4.
The broken line showing of human facial features is directed to environment and is for illustrative purposes only; the broken lines form no part of the claimed design.

1 Claim, 2 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

| | | | | | |
|--------------|---------|----------------------|-----------------|---------|-----------------------|
| 5,931,854 A | 8/1999 | Dillon | 9,364,368 B2 | 6/2016 | Ierulli |
| 5,957,126 A | 9/1999 | Neeser | 9,381,332 B2 | 7/2016 | Judd |
| 6,006,746 A | 12/1999 | Karell | D764,055 S | 8/2016 | Ierulli et al. |
| 6,029,658 A | 2/2000 | De Voss | D764,662 S | 8/2016 | Ierulli et al. |
| 6,058,931 A | 5/2000 | Muchin | 9,414,957 B1 | 8/2016 | Fischell |
| 6,065,470 A | 5/2000 | Van Cromvoirt et al. | 9,427,945 B2 | 8/2016 | Gray et al. |
| 6,098,616 A | 8/2000 | Lundy et al. | D779,666 S | 2/2017 | Ierulli et al. |
| 6,196,228 B1 | 3/2001 | Kreitzer et al. | D779,667 S | 2/2017 | Ierulli et al. |
| 6,244,265 B1 | 6/2001 | Cronk et al. | 9,566,183 B1 | 2/2017 | Fischell |
| 6,276,360 B1 | 8/2001 | Cronk et al. | D788,298 S | 5/2017 | Guyuron |
| 6,318,362 B1 | 11/2001 | Johnson | 9,642,995 B2 | 5/2017 | Fenton et al. |
| 6,357,436 B1 | 3/2002 | Kreitzer et al. | D789,531 S | 6/2017 | Ierulli |
| 6,375,667 B1 | 4/2002 | Ruch | D790,058 S | 6/2017 | Ierulli et al. |
| 6,453,901 B1 | 9/2002 | Ierulli | D790,695 S | 6/2017 | Ierulli |
| 6,470,883 B1 | 10/2002 | Beaudry | D791,312 S | 7/2017 | Peck |
| 6,550,474 B1 | 4/2003 | Anderson et al. | D791,314 S | 7/2017 | Ierulli |
| 6,694,970 B2 | 2/2004 | Spinelli et al. | 9,730,827 B2 | 8/2017 | Ierulli |
| 6,769,428 B2 | 8/2004 | Cronk et al. | 9,730,828 B2 | 8/2017 | Ierulli |
| 6,769,429 B1 | 8/2004 | Benetti | 9,775,738 B2 | 10/2017 | Andre |
| 7,067,710 B1 | 6/2006 | Beaudry | 9,844,456 B2 | 12/2017 | Ierulli |
| 7,114,495 B2 | 10/2006 | Lockwood, Jr. | 9,901,479 B2 | 2/2018 | Holmes |
| D639,762 S | 6/2011 | Brogden et al. | 9,901,480 B2 | 2/2018 | Ierulli |
| D644,325 S | 8/2011 | Brunner et al. | 9,901,481 B2 | 2/2018 | Ierulli |
| D644,324 S | 10/2011 | Brunner et al. | D812,749 S | 3/2018 | Ierulli |
| 8,047,201 B2 | 11/2011 | Guyuron et al. | D813,387 S | 3/2018 | Ierulli et al. |
| 8,062,329 B2 | 11/2011 | Ierulli | D814,029 S | 3/2018 | Ierulli |
| D651,710 S | 1/2012 | Brogden et al. | 10,010,442 B2 | 7/2018 | Ierulli |
| 8,115,049 B2 | 2/2012 | Beaudry | 10,149,781 B2 | 12/2018 | Ierulli |
| D659,245 S | 5/2012 | Ierulli | 10,328,625 B2 | 6/2019 | Gray et al. |
| 8,188,330 B2 | 5/2012 | Beaudry | D857,887 S * | 8/2019 | Ierulli D24/135 |
| D662,203 S | 6/2012 | Smith | 2008/0058858 A1 | 3/2008 | Smith |
| D667,543 S | 9/2012 | Ierulli | 2008/0097517 A1 | 4/2008 | Holmes et al. |
| D671,643 S | 11/2012 | Ierulli | 2009/0125052 A1 | 5/2009 | Pinna et al. |
| D672,461 S | 12/2012 | Brogden et al. | 2009/0234383 A1 | 9/2009 | Ierulli |
| D672,872 S | 12/2012 | Brunner et al. | 2010/0210988 A1 | 8/2010 | Dallison |
| D673,270 S | 12/2012 | Brunner et al. | 2010/0298861 A1 | 11/2010 | Fenton |
| 8,342,173 B2 | 1/2013 | Lockwood, Jr. | 2011/0000483 A1 | 1/2011 | Matthias et al. |
| 8,444,670 B2 | 5/2013 | Ierulli | 2011/0054517 A1 | 3/2011 | Holmes et al. |
| 8,584,671 B2 | 11/2013 | Ierulli | 2011/0166594 A1 | 7/2011 | Eull |
| 8,616,198 B2 | 12/2013 | Guyuron et al. | 2011/0224717 A1 | 9/2011 | Lockwood |
| 8,617,199 B2 | 12/2013 | Eull et al. | 2012/0004683 A1 | 1/2012 | Gray |
| 8,641,852 B2 | 2/2014 | Ierulli | 2012/0022582 A1 | 1/2012 | Guyuron |
| D707,814 S | 6/2014 | Ierulli | 2012/0067345 A1 | 3/2012 | Shilon |
| D707,815 S | 6/2014 | Ierulli | 2012/0172923 A1 | 7/2012 | Fenton |
| 8,834,511 B2 | 9/2014 | Holmes et al. | 2012/0209313 A1 | 8/2012 | Ierulli |
| 8,834,512 B1 | 9/2014 | Brown et al. | 2012/0232455 A1 | 9/2012 | Beaudry |
| 8,834,514 B2 | 9/2014 | Smith | 2013/0104882 A1 | 5/2013 | Ierulli |
| 8,858,587 B2 | 10/2014 | Ierulli | 2013/0118488 A1 | 5/2013 | Ledogar |
| D722,161 S | 2/2015 | Reyers | 2014/0194922 A1 | 7/2014 | Ierulli |
| D722,162 S | 2/2015 | Reyers | 2014/0148844 A1 | 10/2014 | Andre |
| D725,772 S | 3/2015 | Ierulli | 2014/0296904 A1 | 10/2014 | Andre |
| D725,773 S | 3/2015 | Ierulli | 2014/0350596 A1 | 11/2014 | Smith |
| 9,095,422 B2 | 8/2015 | Gray | 2015/0005812 A1 | 1/2015 | Holmes |
| D738,496 S | 9/2015 | Peck | 2015/0012035 A1 | 1/2015 | Ierulli |
| D739,015 S | 9/2015 | Martin | 2015/0051636 A1 | 2/2015 | Lockwood |
| 9,119,620 B2 | 9/2015 | Peterson et al. | 2015/0090398 A1 | 4/2015 | Ierulli |
| D741,997 S | 10/2015 | Ierulli | 2015/0090399 A1 | 4/2015 | Ierulli |
| D741,998 S | 10/2015 | Martin | 2015/0094757 A1 | 4/2015 | Ierulli |
| D743,544 S | 11/2015 | Ierulli | 2015/0094758 A1 | 4/2015 | Ierulli |
| D743,545 S | 11/2015 | Ierulli | 2015/0216709 A1 | 8/2015 | Peck |
| D743,565 S | 11/2015 | Engel et al. | 2015/0230966 A1 | 8/2015 | Ierulli |
| D745,147 S | 12/2015 | Ierulli | 2015/0250637 A1 | 9/2015 | Ierulli |
| 9,204,988 B1 | 12/2015 | Fischell | 2015/0290021 A1 | 10/2015 | Gray |
| D746,982 S | 1/2016 | Ierulli | 2015/0359654 A1 | 12/2015 | Bentivegna et al. |
| D747,478 S | 1/2016 | Brunner et al. | 2016/0008161 A1 | 1/2016 | Ierulli et al. |
| D753,294 S | 4/2016 | Guyuron et al. | 2016/0278967 A1 | 9/2016 | Ierulli |
| D755,376 S | 5/2016 | Ierulli | 2016/0278968 A1 | 9/2016 | Ierulli |
| D758,575 S | 6/2016 | Ierulli | 2016/0339619 A1 | 11/2016 | Gray et al. |
| D758,576 S | 6/2016 | Ierulli et al. | 2017/0112653 A9 | 4/2017 | Ierulli |
| D759,240 S | 6/2016 | Ierulli | 2017/0143531 A9 | 5/2017 | Ierulli |
| D759,241 S | 6/2016 | Ierulli | 2017/0151084 A9 | 6/2017 | Ierulli |
| D759,242 S | 6/2016 | Ierulli | 2018/0021163 A9 | 1/2018 | Ierulli |
| 9,364,367 B2 | 6/2016 | Ierulli | 2018/0028346 A1 | 2/2018 | Ierulli |
| | | | 2018/0071131 A1 | 3/2018 | Ierulli |
| | | | 2019/0167464 A1 | 6/2019 | Lovato |

* cited by examiner

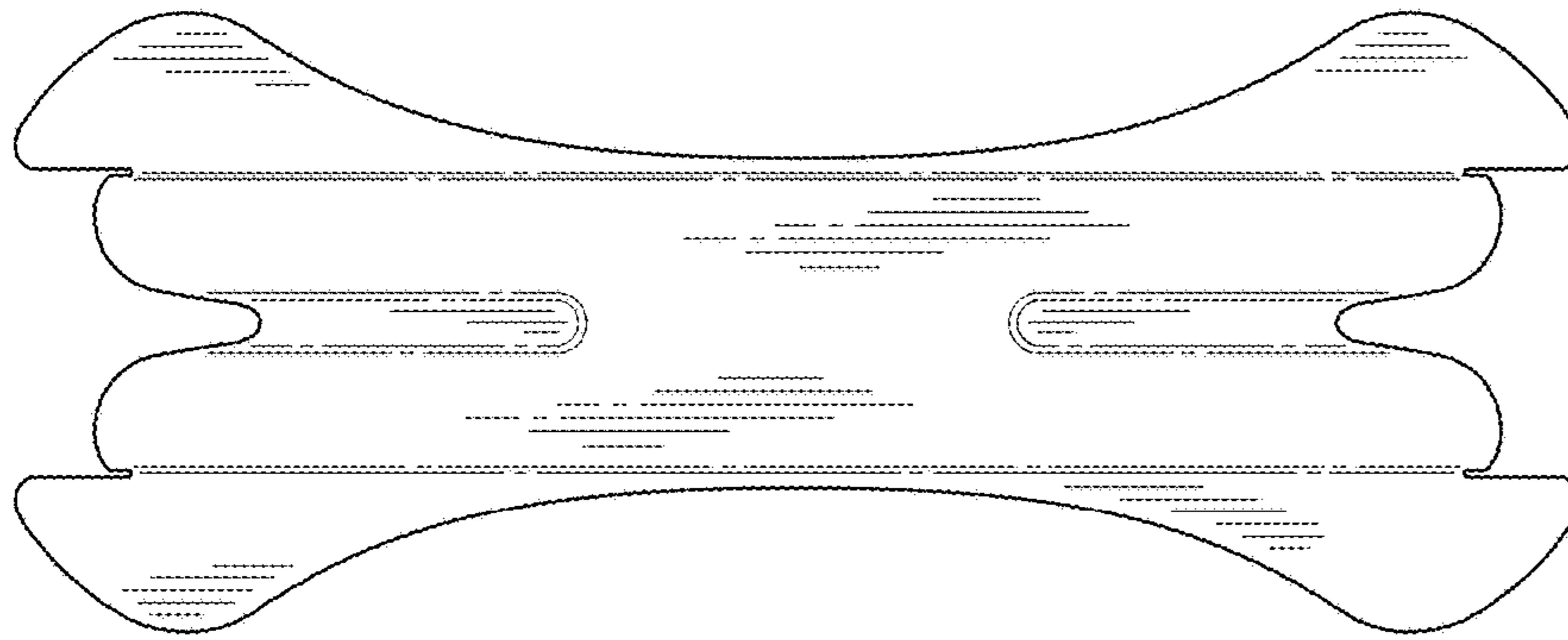


FIG. 1

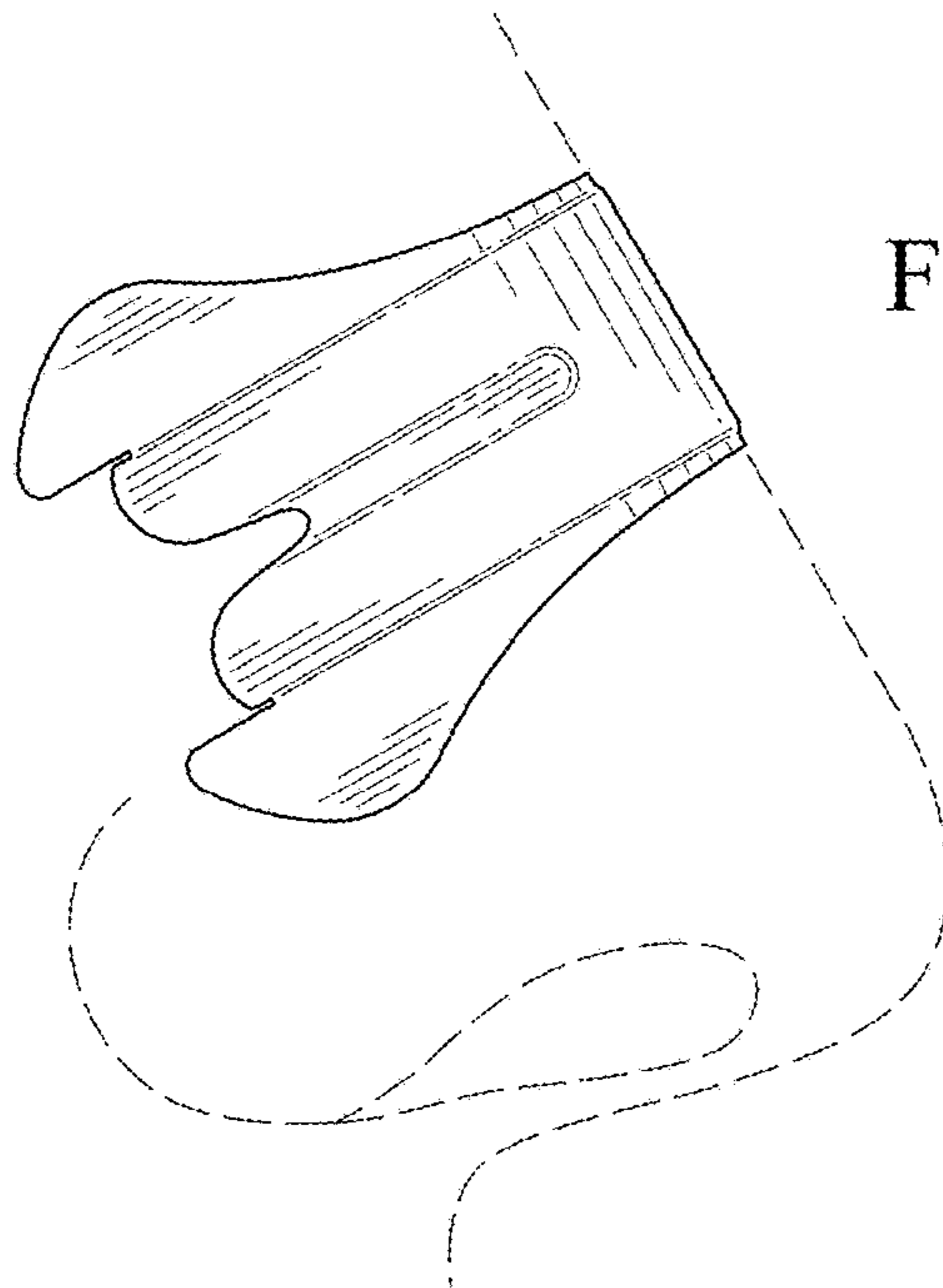


FIG. 2

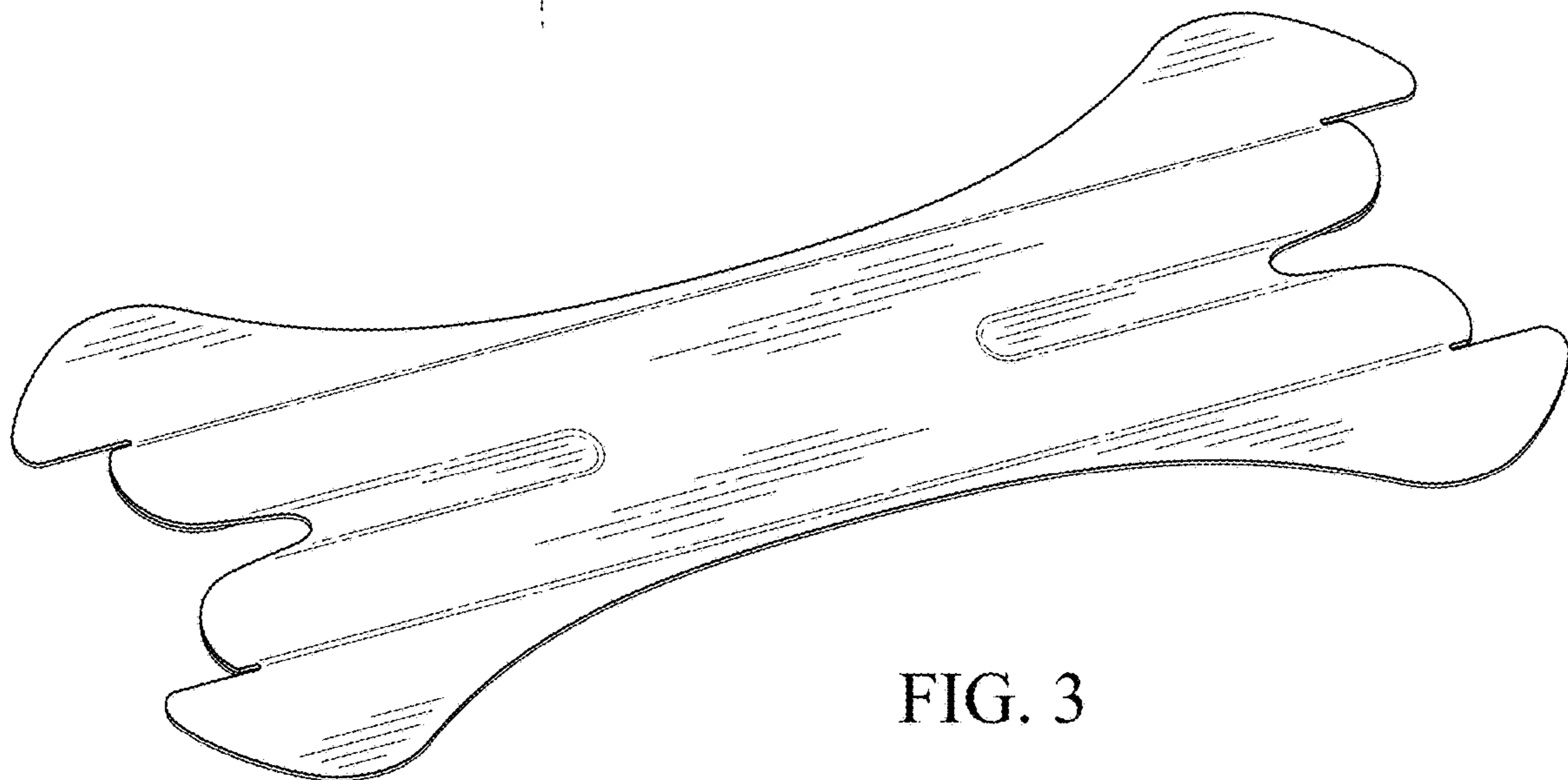


FIG. 3

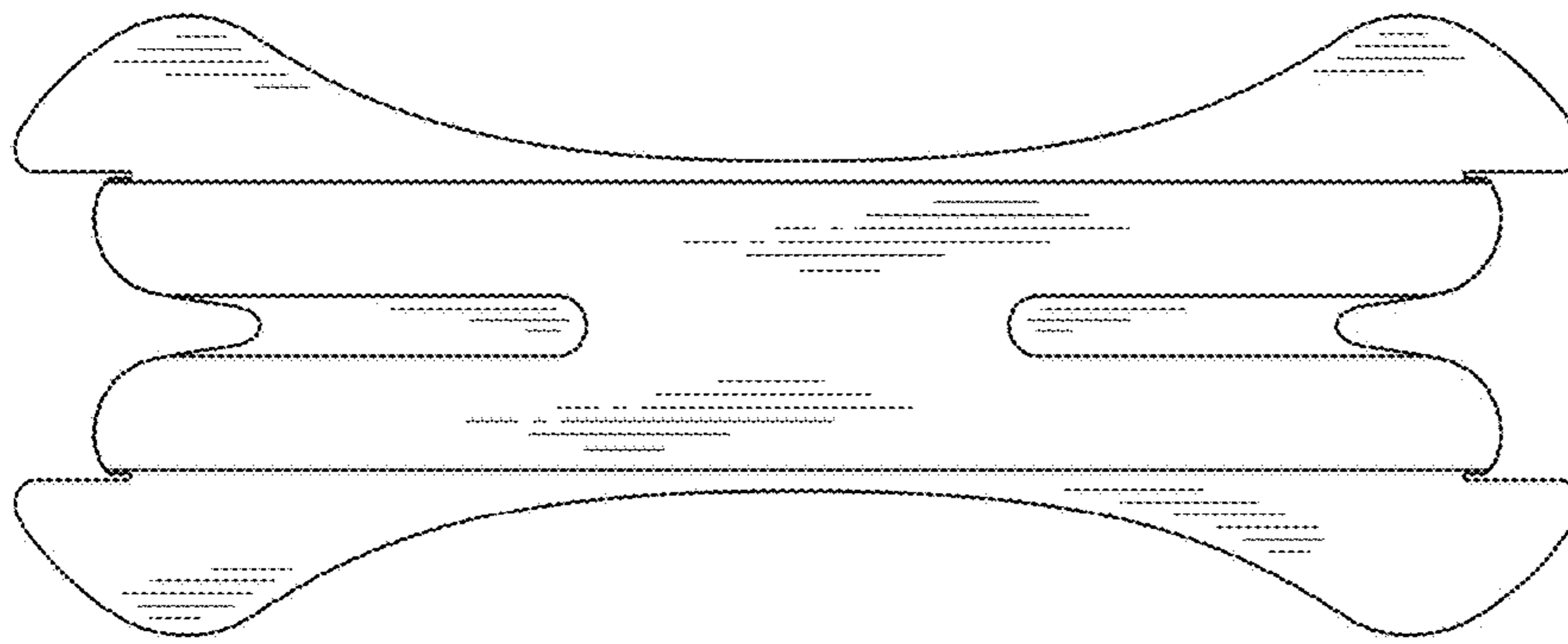


FIG. 4

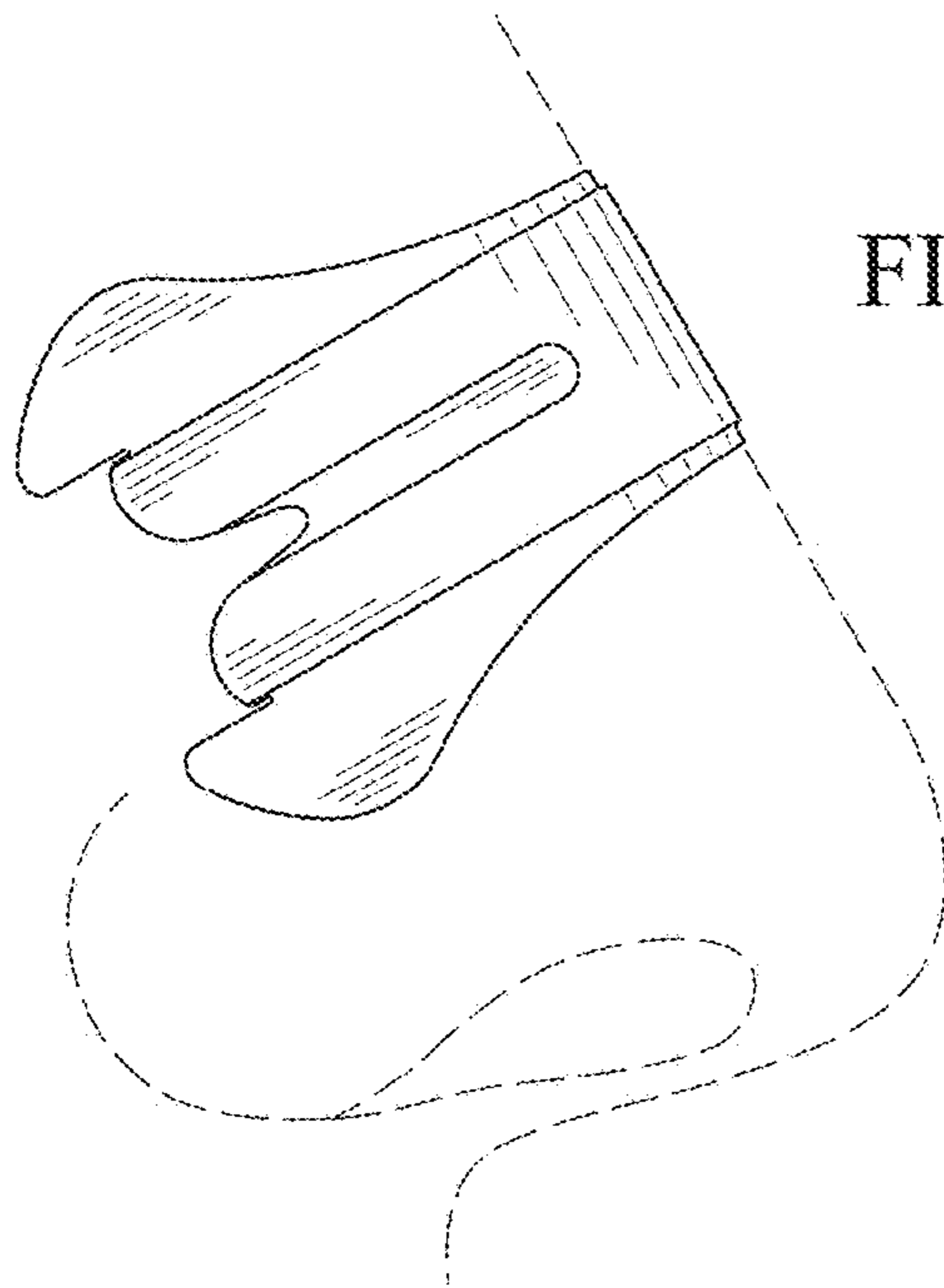


FIG. 5

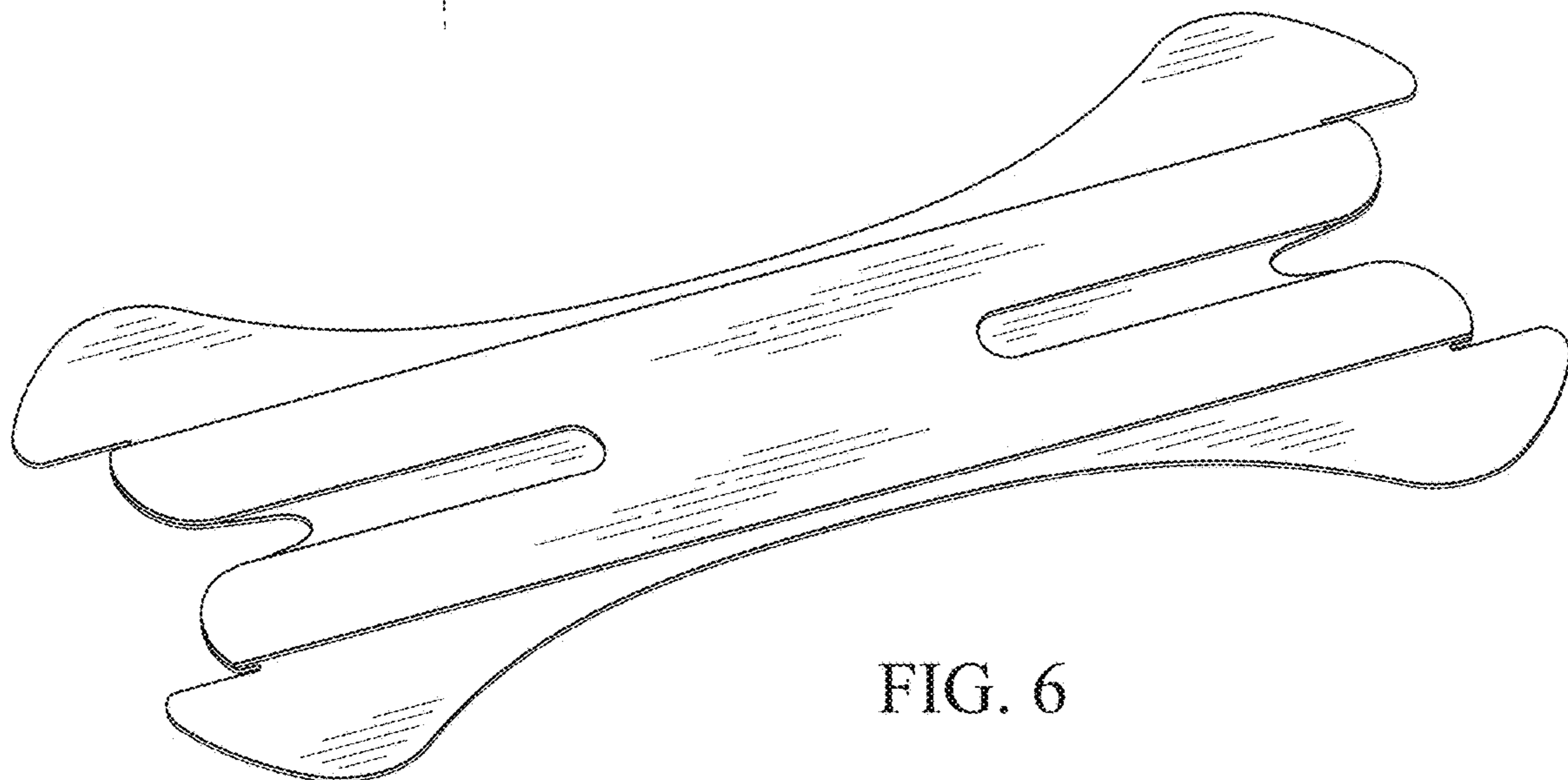


FIG. 6