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

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(45) **Date of Patent:** **** Jan. 3, 2012**

(54) **NASAL DILATOR**

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(**) Term: **14 Years**

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Related U.S. Application Data

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(51) **LOC (9) Cl.** **24-02**

(52) **U.S. Cl.** **D24/135**

(58) **Field of Classification Search** D24/133, D24/135, 136, 189; D28/4; D29/108; 606/191-199
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,476,091	A *	12/1995	Johnson	128/200.24
5,533,499	A	7/1996	Johnson	
5,533,503	A	7/1996	Doubek et al.	
5,546,929	A	8/1996	Muchin	
5,611,333	A	3/1997	Johnson	
D379,513	S *	5/1997	Ierulli	D24/135
5,653,224	A	8/1997	Johnson	
5,718,224	A *	2/1998	Muchin	128/200.24
5,961,537	A *	10/1999	Gould	606/204.45
D422,358	S *	4/2000	Lundy et al.	D24/135
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, Jr. 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
6,318,362	B1	11/2001	Johnson	

6,453,901 B1 9/2002 Ierulli
6,631,714 B2 10/2003 Von Duyke et al.
D490,897 S * 6/2004 Ruch D24/135
(Continued)

FOREIGN PATENT DOCUMENTS

EP 0842646 5/1998
(Continued)

OTHER PUBLICATIONS

U.S. Appl. No. 29/352,649, filed Dec. 23, 2009, Brogden et al.

(Continued)

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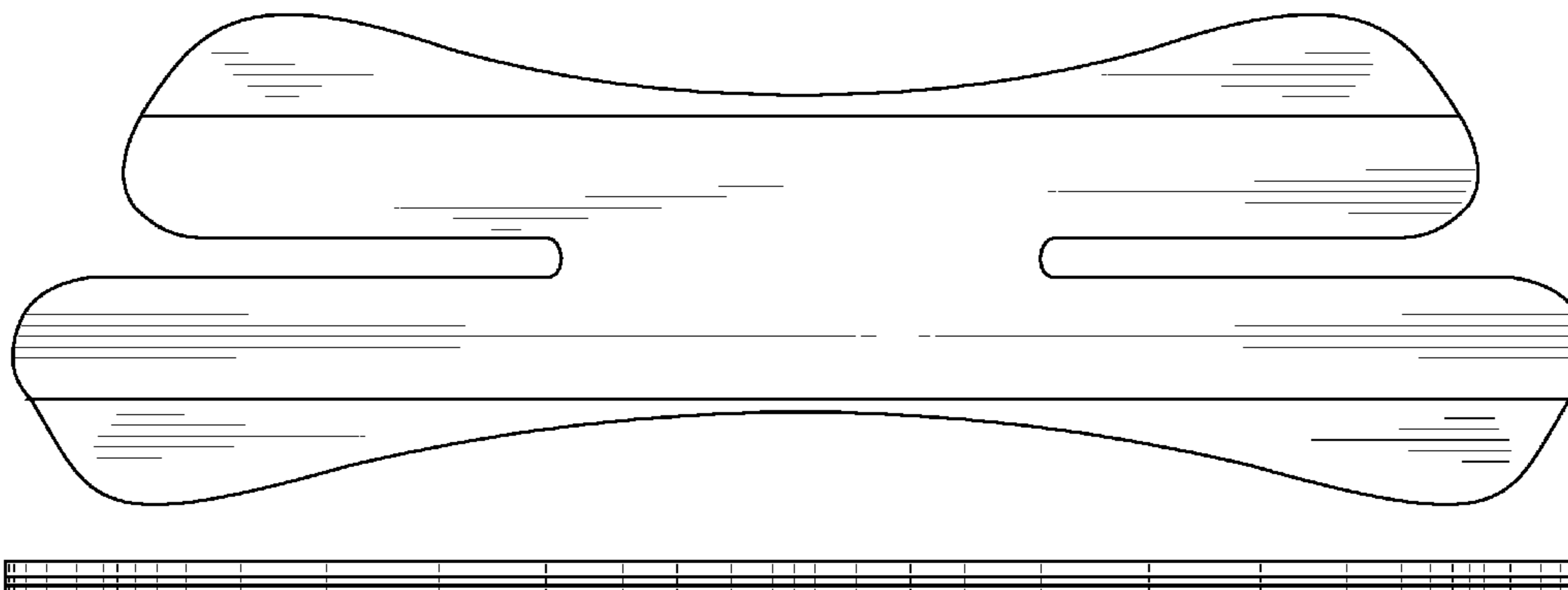
(57) **CLAIM**

We claim the ornamental design for a nasal dilator, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of the nasal dilator showing my new design;
FIG. 2 is a top view thereof;
FIG. 3 is a bottom view thereof;
FIG. 4 is a first side elevational view thereof;
FIG. 5 is a second side elevational view thereof;
FIG. 6 is an end elevational view thereof, both ends being the same;
FIG. 7 is a perspective view of another embodiment of the nasal dilator showing my new design;
FIG. 8 is a top view thereof;
FIG. 9 is a bottom view thereof;
FIG. 10 is a first side elevational view thereof;
FIG. 11 is a second side elevational view thereof; and,
FIG. 12 is an end elevational view thereof, both ends being the same.

1 Claim, 8 Drawing Sheets



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U.S. PATENT DOCUMENTS

6,769,429 B1 * 8/2004 Benetti 128/200.24
7,067,710 B1 6/2006 Beaudry
D639,762 S * 6/2011 Brogden et al. D24/135
2001/0032645 A1 10/2001 Cronk et al.
2007/0255309 A1 11/2007 Guyuron et al.
2008/0058858 A1 3/2008 Smith
2008/0184995 A1 8/2008 Ierulli et al.
2008/0257341 A1 10/2008 Ierulli
2009/0234383 A1 9/2009 Ierulli

FOREIGN PATENT DOCUMENTS

WO WO99/22678 5/1999
WO WO2005/020845 2/2009

OTHER PUBLICATIONS

U.S. Appl. No. 29/352,646, filed Dec. 23, 2009, Brunner et al.
U.S. Appl. No. 29/352,630, filed Dec. 23, 2009, Brogden et al.

* cited by examiner



FIG. 1

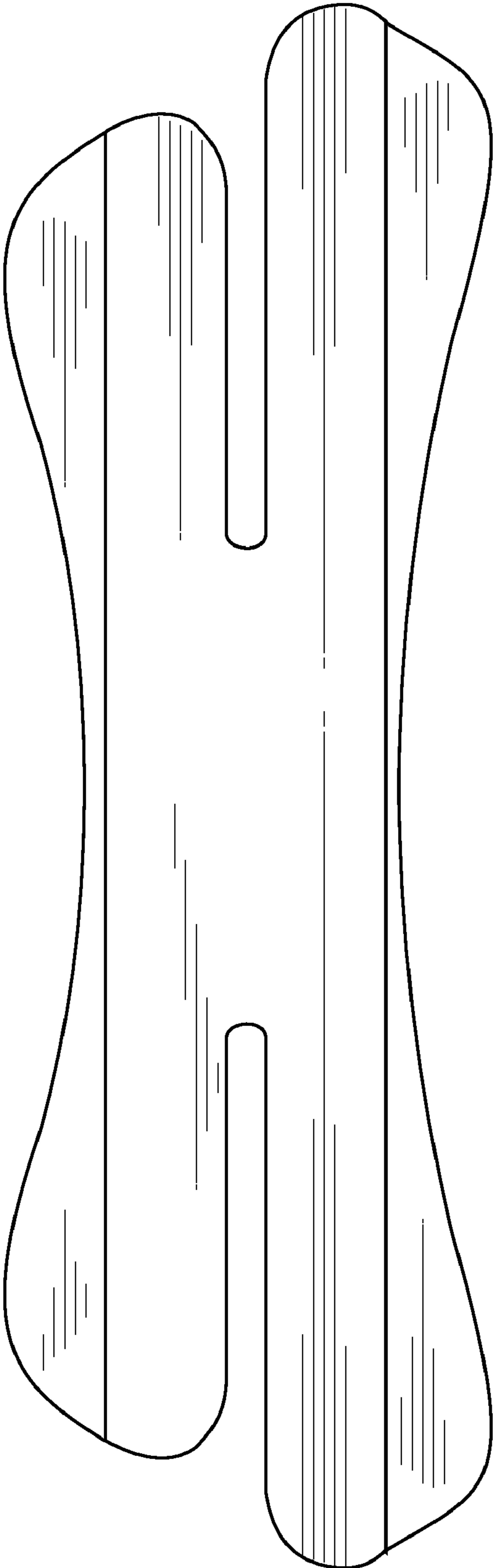


FIG. 2

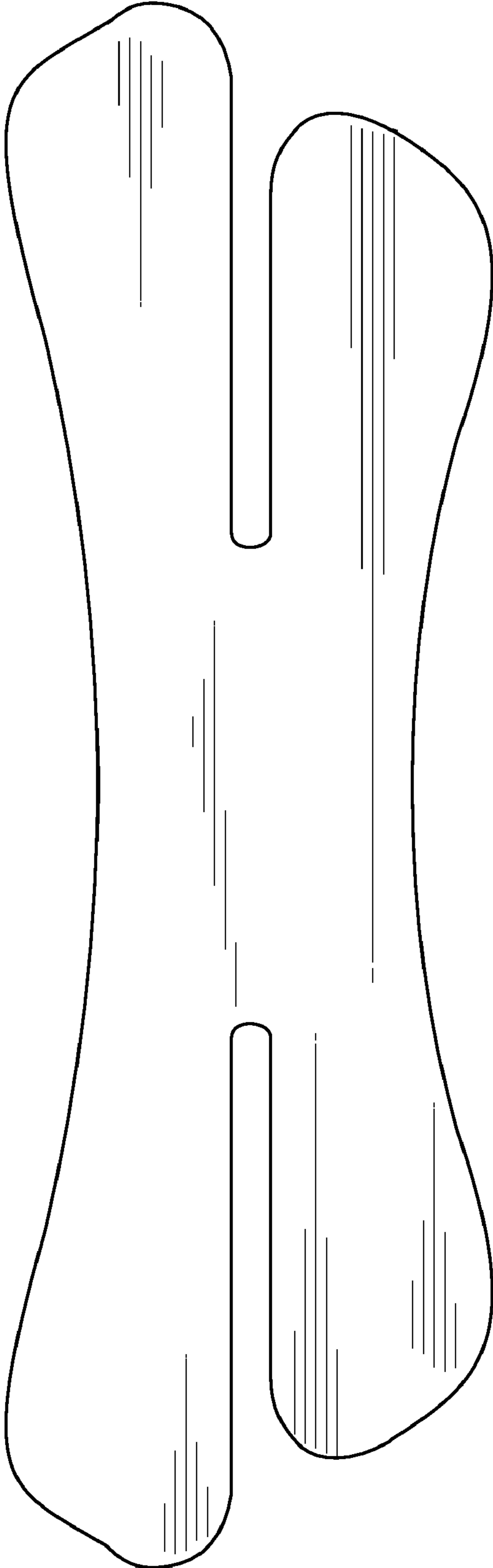


FIG. 3

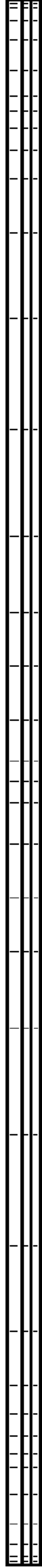


FIG. 4

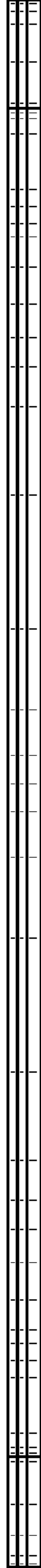


FIG. 5



FIG. 6

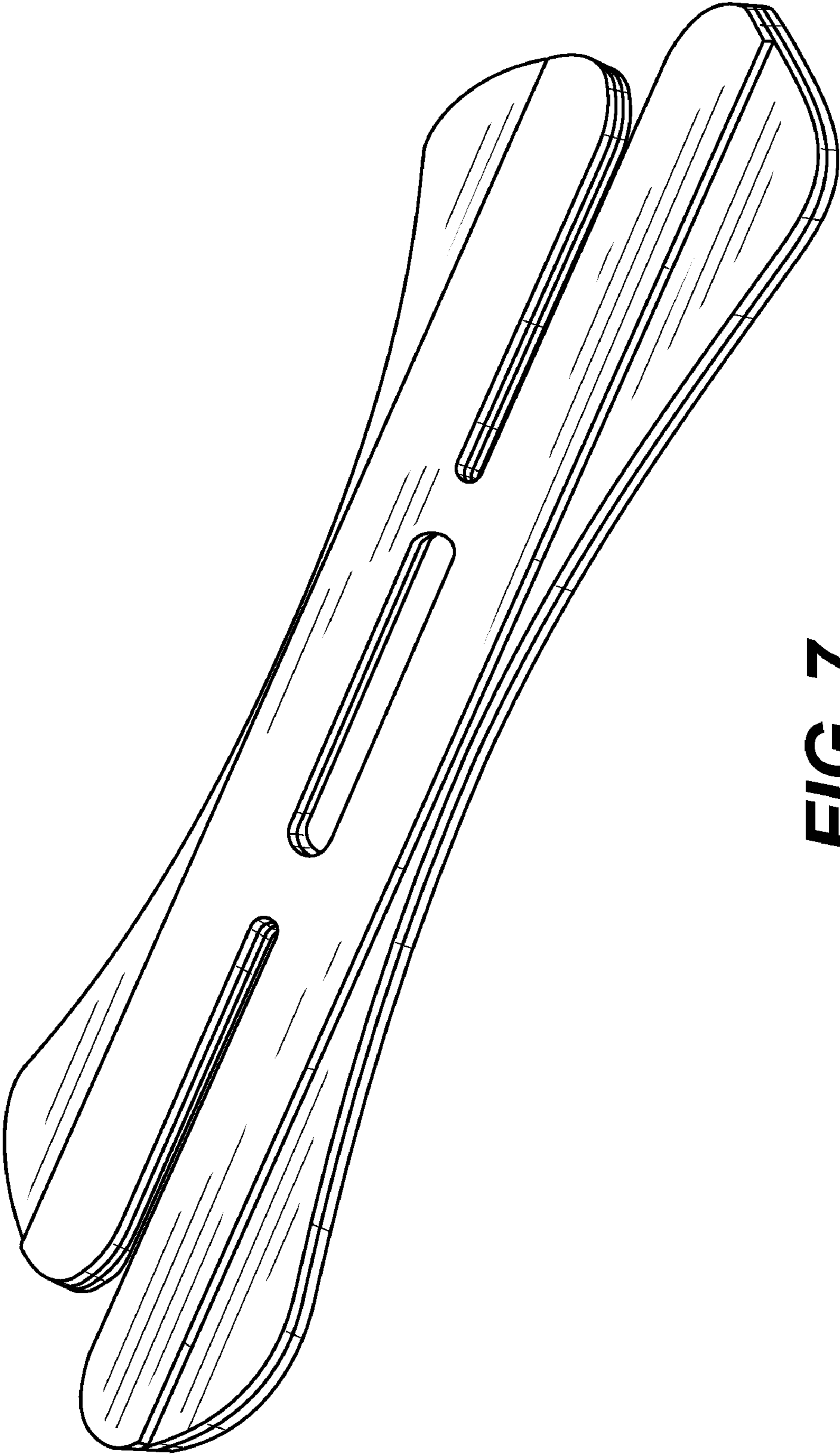


FIG. 7

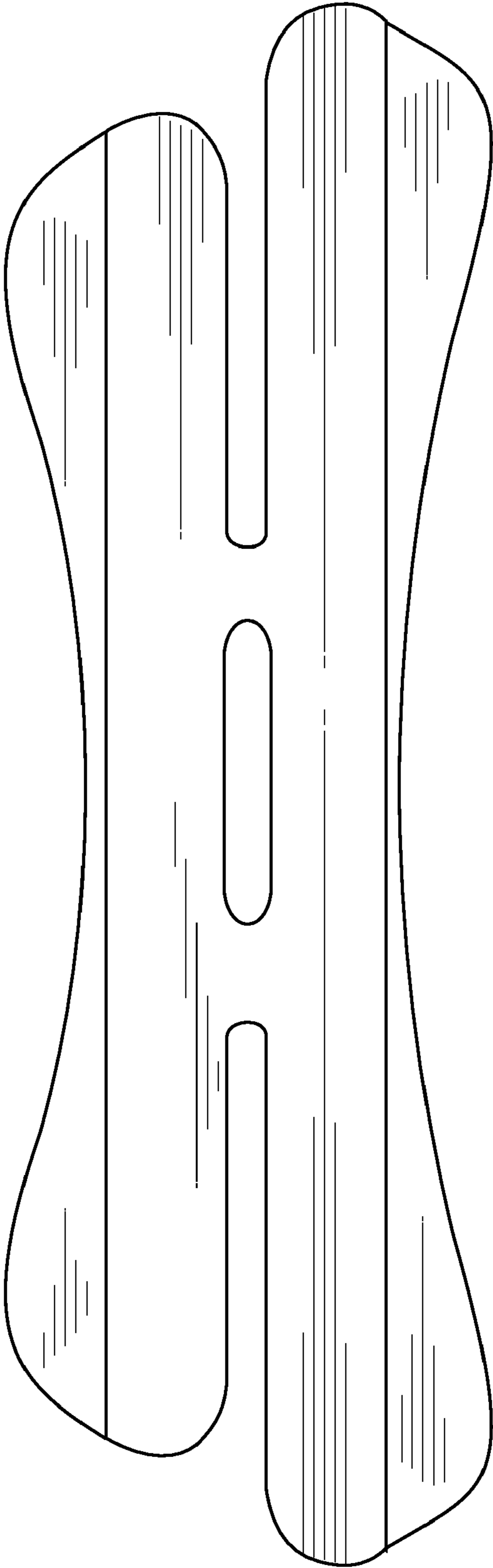


FIG. 8

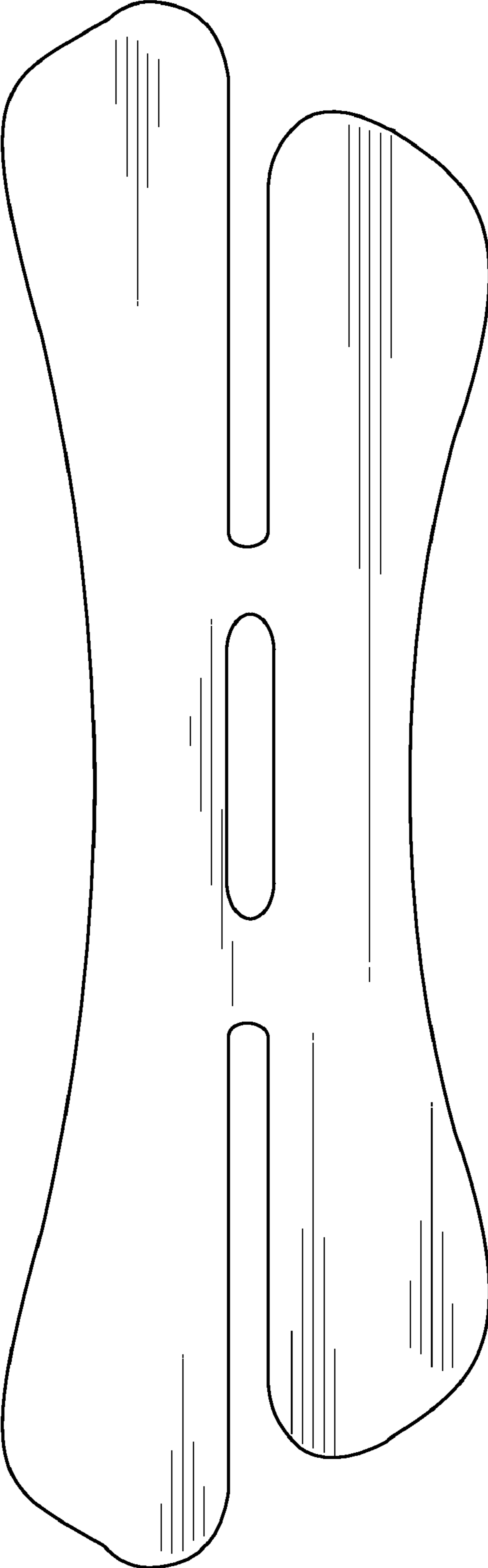


FIG. 9



FIG. 10

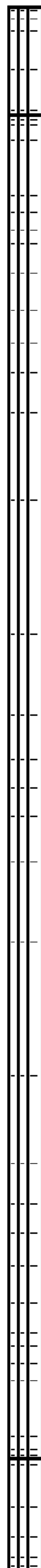


FIG. 11



FIG. 12