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

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(54) **ONE-PIECE CENTRALIZER WITH AN AXIAL SEAM**

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

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(51) **LOC (10) Cl.** **15-03**

(52) **U.S. Cl.**
USPC **D15/21**

(58) **Field of Classification Search**
USPC D15/10, 21; 166/384, 241.1–241.7,
166/213, 173, 208, 382; 175/325.5, 325.1;
138/108, 112; 72/393; 228/155
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,312,285	A *	4/1967	Solum	.....	166/241.6
4,088,186	A *	5/1978	Callihan et al.	.....	166/241.7
5,566,754	A	10/1996	Stokka		
5,575,333	A	11/1996	Lirette et al.		
6,209,638	B1	4/2001	Mikolajczyk		
6,533,034	B1	3/2003	Barger		
6,637,511	B2	10/2003	Linaker		
6,997,254	B2 *	2/2006	Jenner	.....	166/241.6

7,082,997	B2	8/2006	Slack		
7,182,131	B2 *	2/2007	Gremillion	.....	166/241.6
7,377,325	B2	5/2008	Trinder et al.		
7,849,918	B2 *	12/2010	Ehlinger et al.	.....	166/241.6
7,878,241	B2 *	2/2011	Buytaert et al.	.....	166/241.6
8,196,670	B2	6/2012	Jenner		
D662,952	S	7/2012	Kirk et al.		
D671,960	S *	12/2012	Kirk et al.	.....	D15/21
8,555,964	B2	10/2013	MacLeod		
2003/0000607	A1 *	1/2003	Jenner	.....	148/652
2003/0230411	A1 *	12/2003	Richard	.....	166/384
2009/0025929	A1 *	1/2009	Buytaert et al.	.....	166/244.1
2012/0186828	A1	7/2012	Lively et al.		
2013/0248207	A1	9/2013	Kirk et al.		

* cited by examiner

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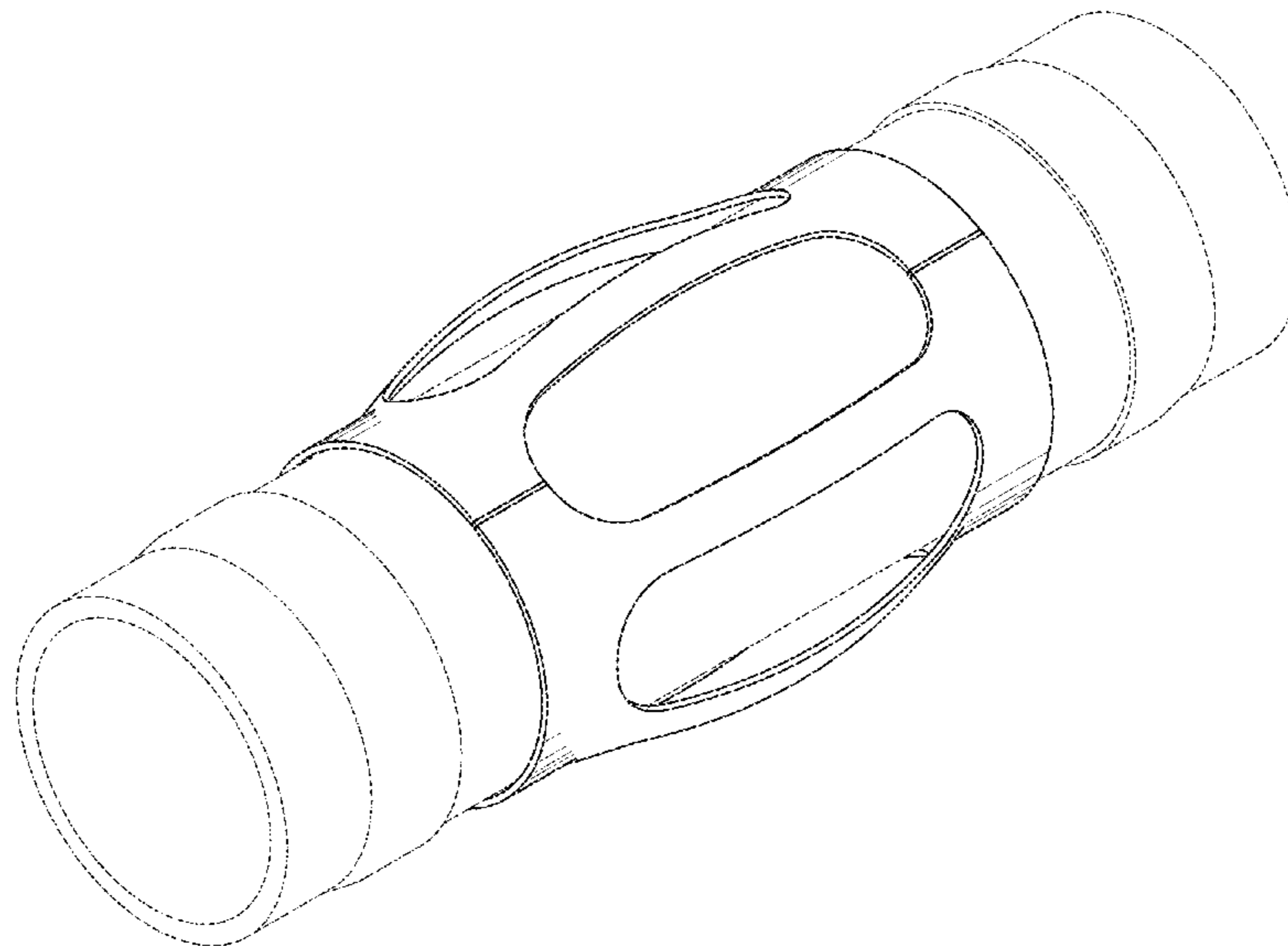
(57) **CLAIM**

The ornamental design for a one-piece centralizer with an axial seam, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a one-piece centralizer with an axial seam showing our new design in use condition;
FIG. 2 is a front view thereof;
FIG. 3 is a back view thereof;
FIG. 4 is an end view thereof;
FIG. 5 is an end view thereof;
FIG. 6 is a perspective view of a one-piece centralizer with an axial seam of FIG. 1 shown in an alternate in use condition;
FIG. 7 is a front view thereof;
FIG. 8 is a back view thereof; and,
FIG. 9 is an end view thereof.
The broken lines in the drawings depict unclaimed environmental subject matter.

1 Claim, 5 Drawing Sheets



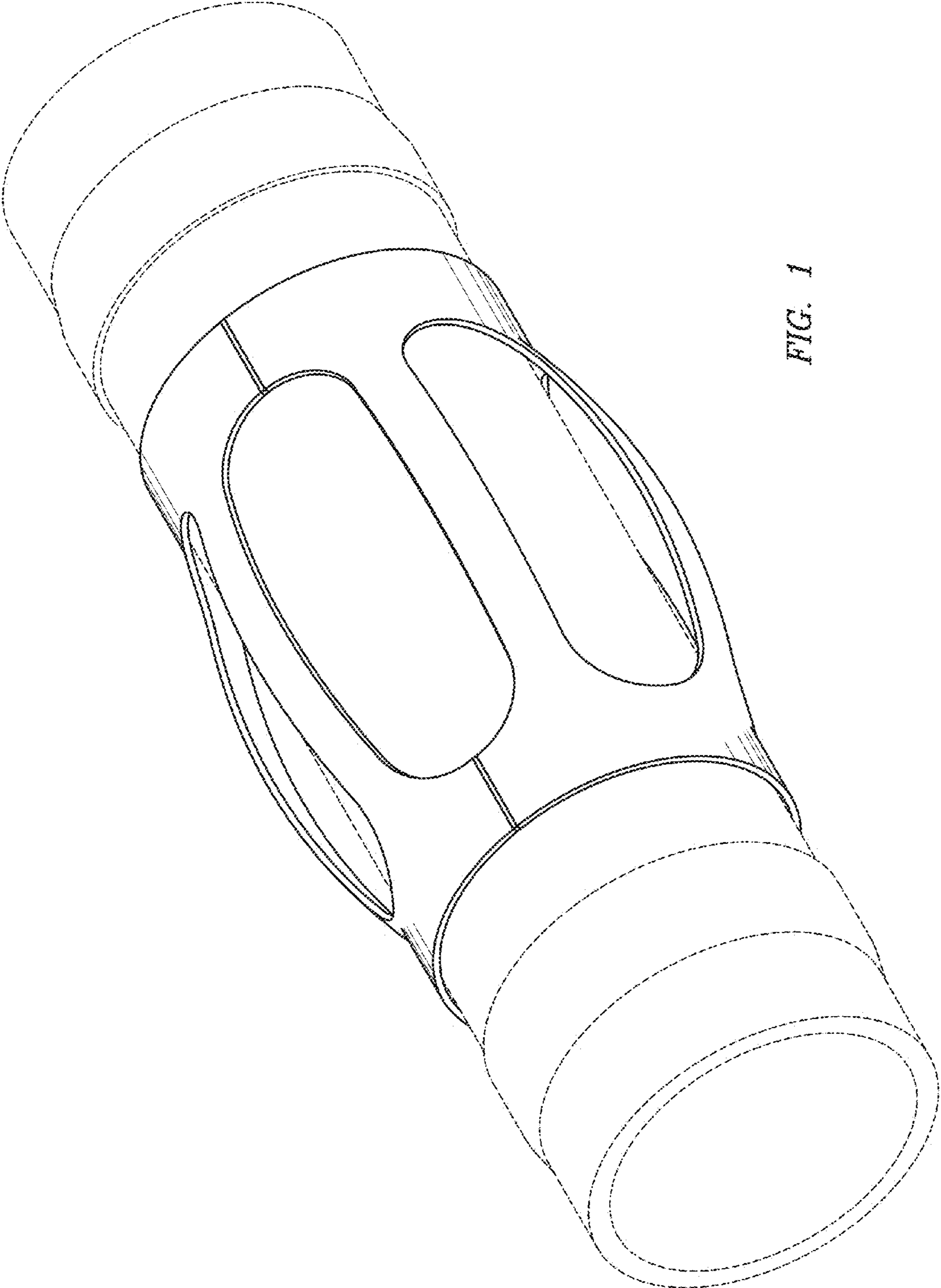


FIG. 1

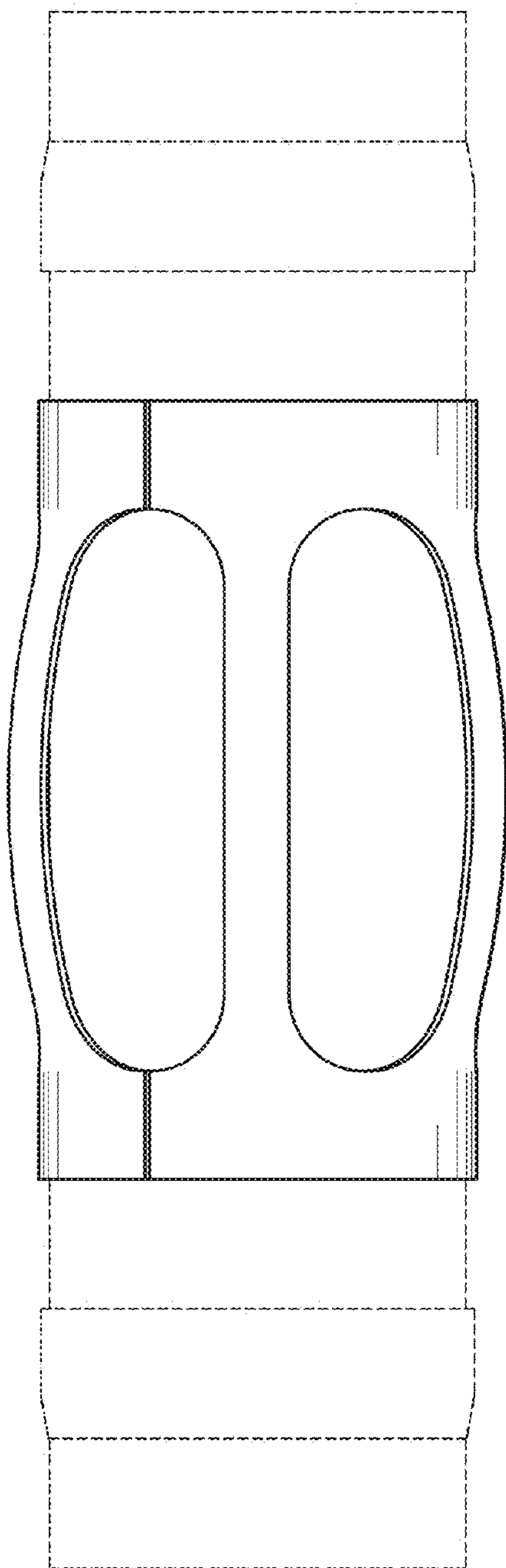


FIG. 2

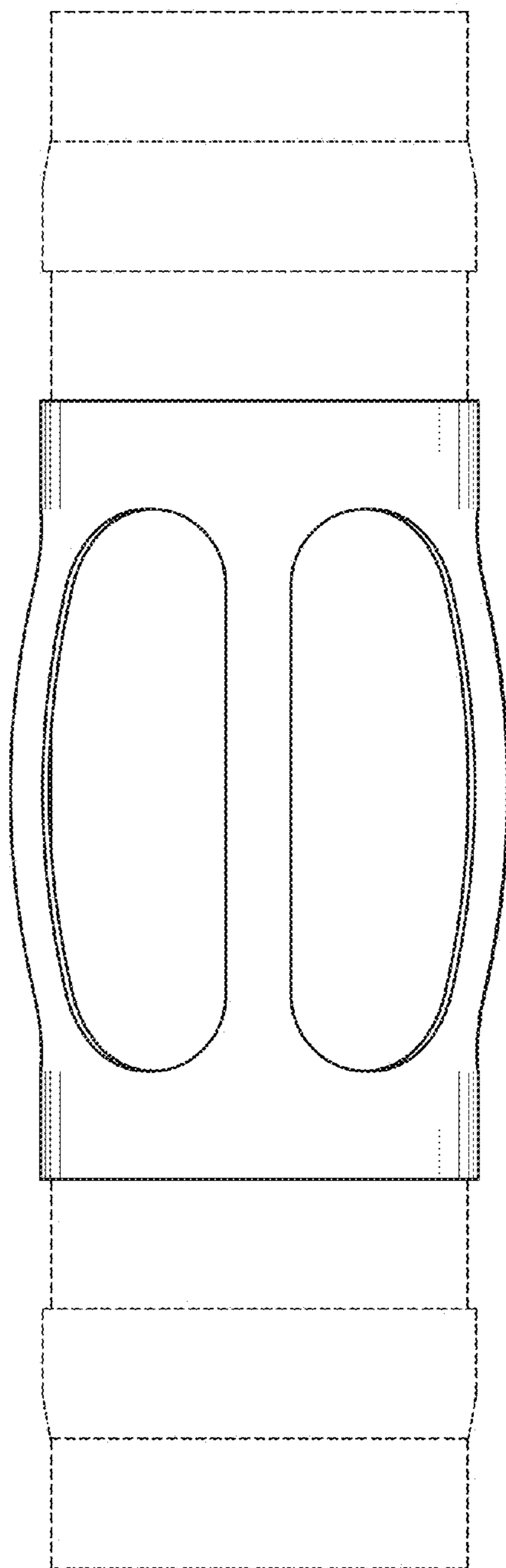


FIG. 3

FIG. 4

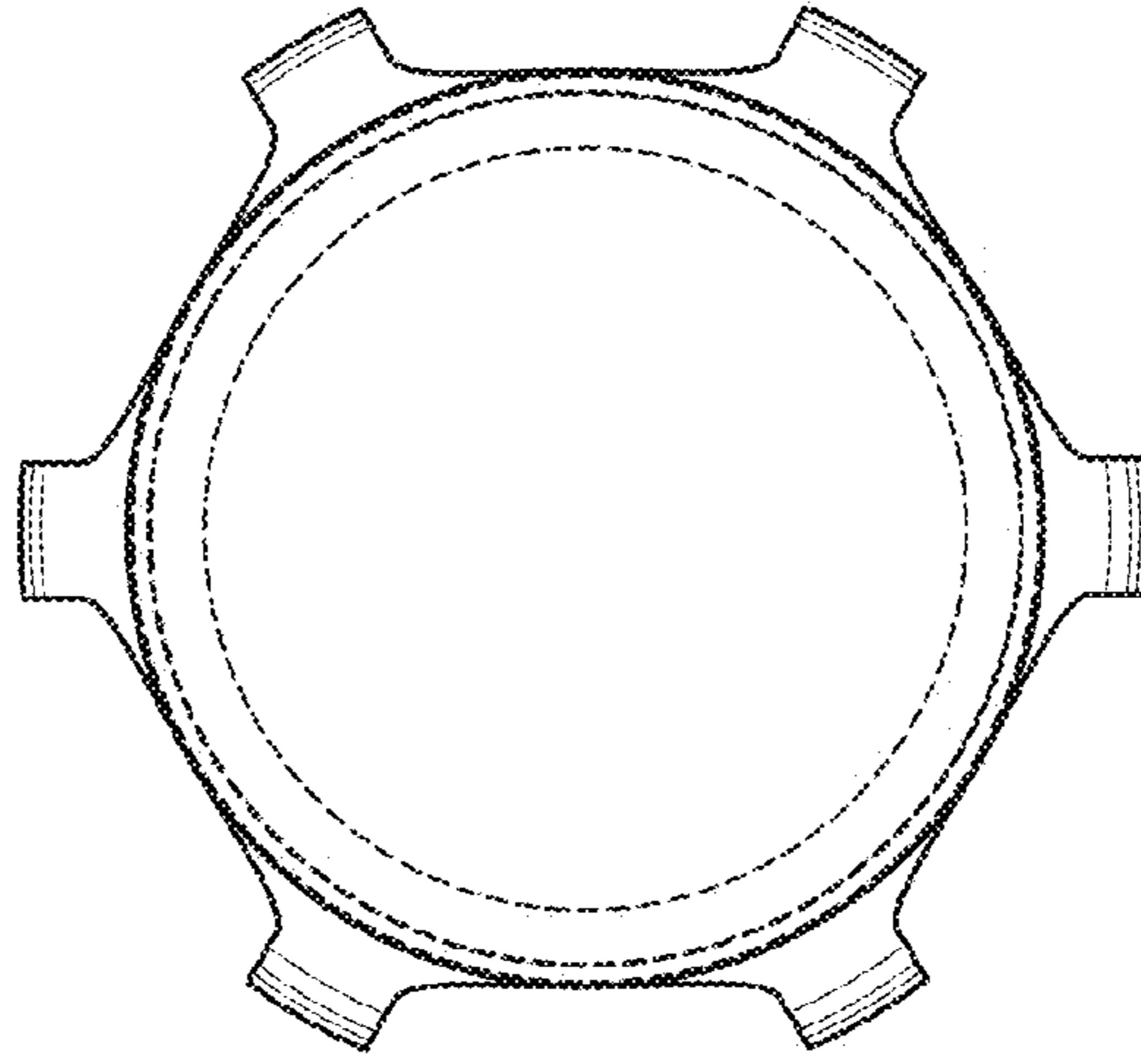


FIG. 5

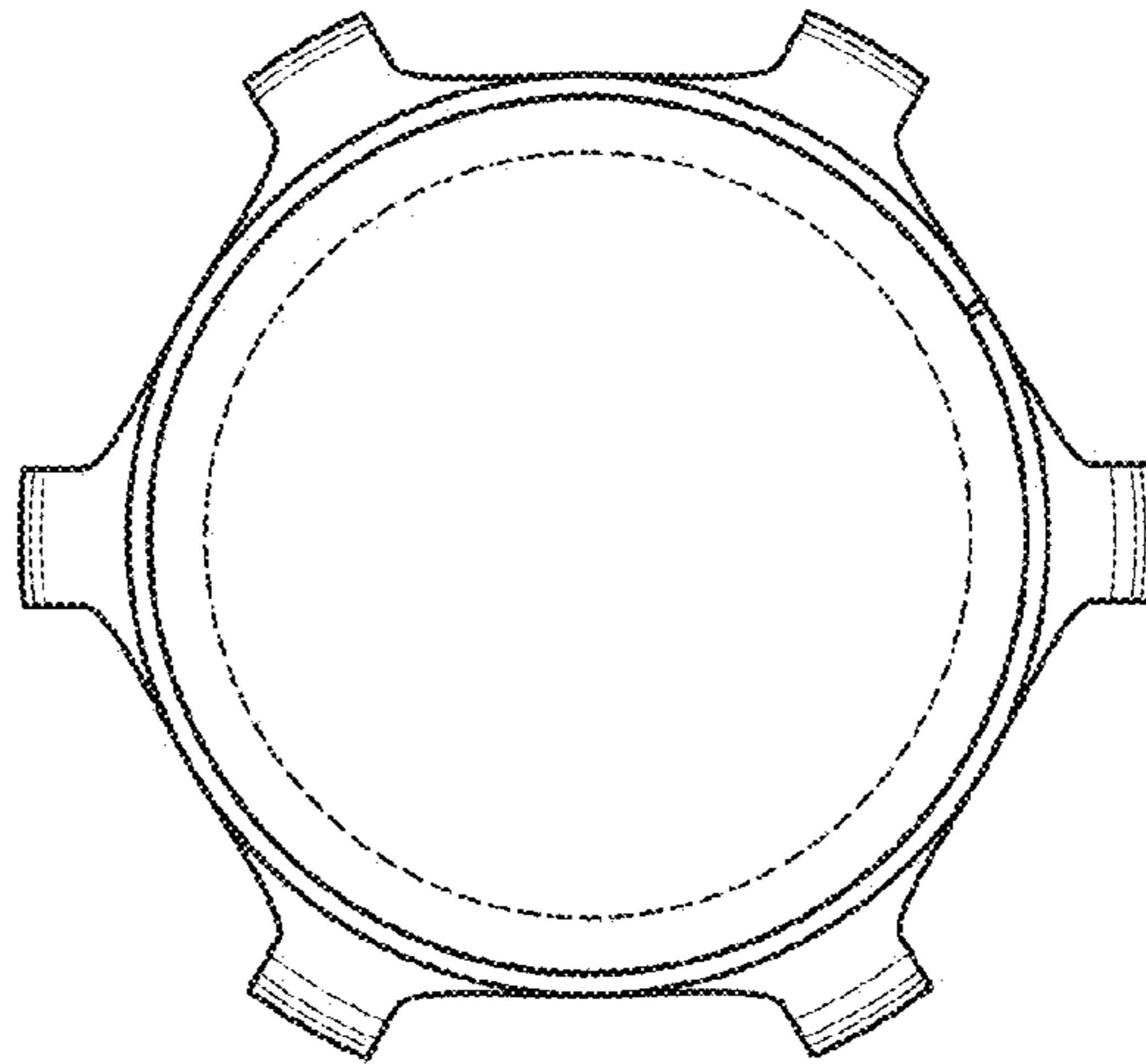
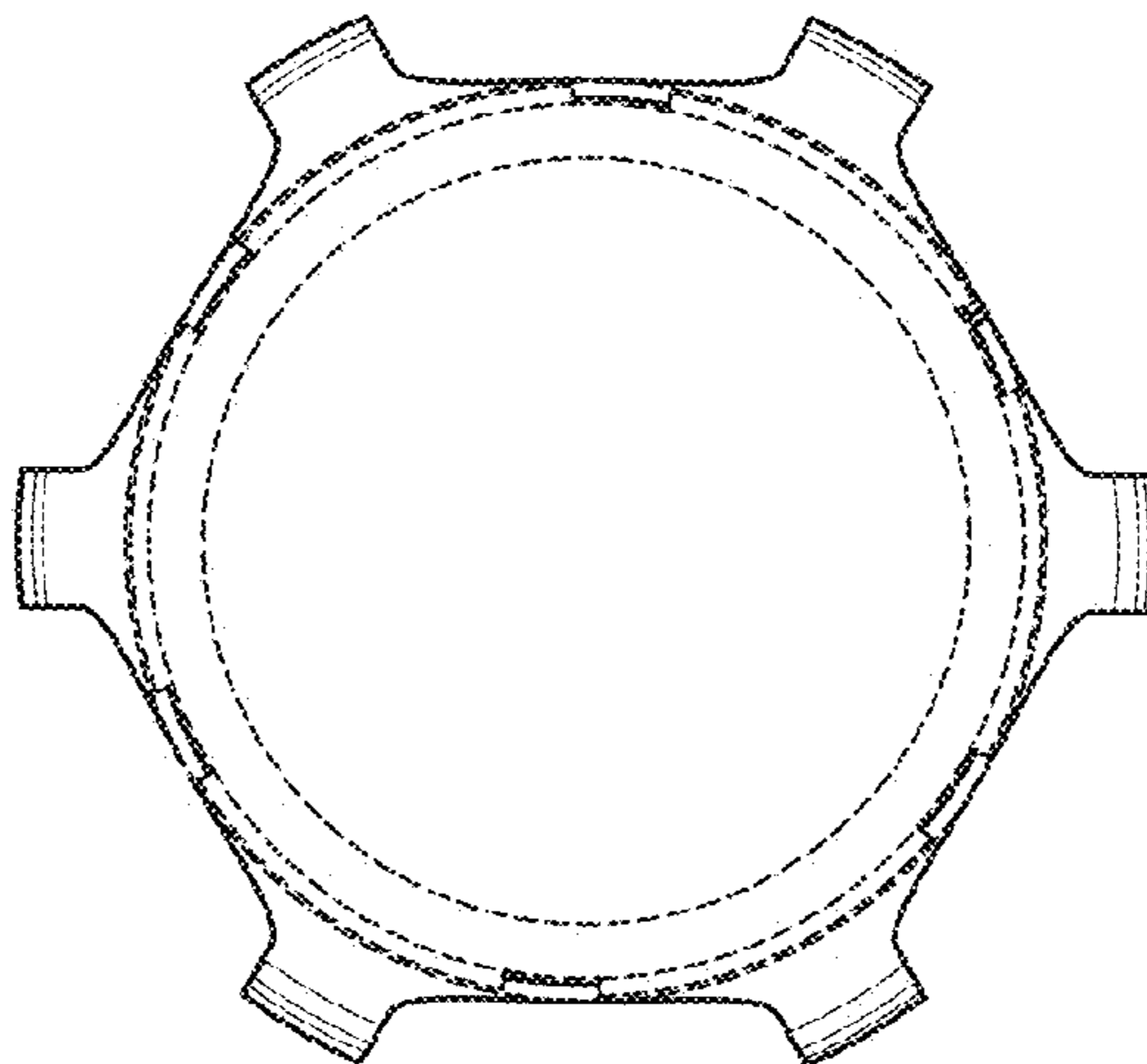


FIG. 9



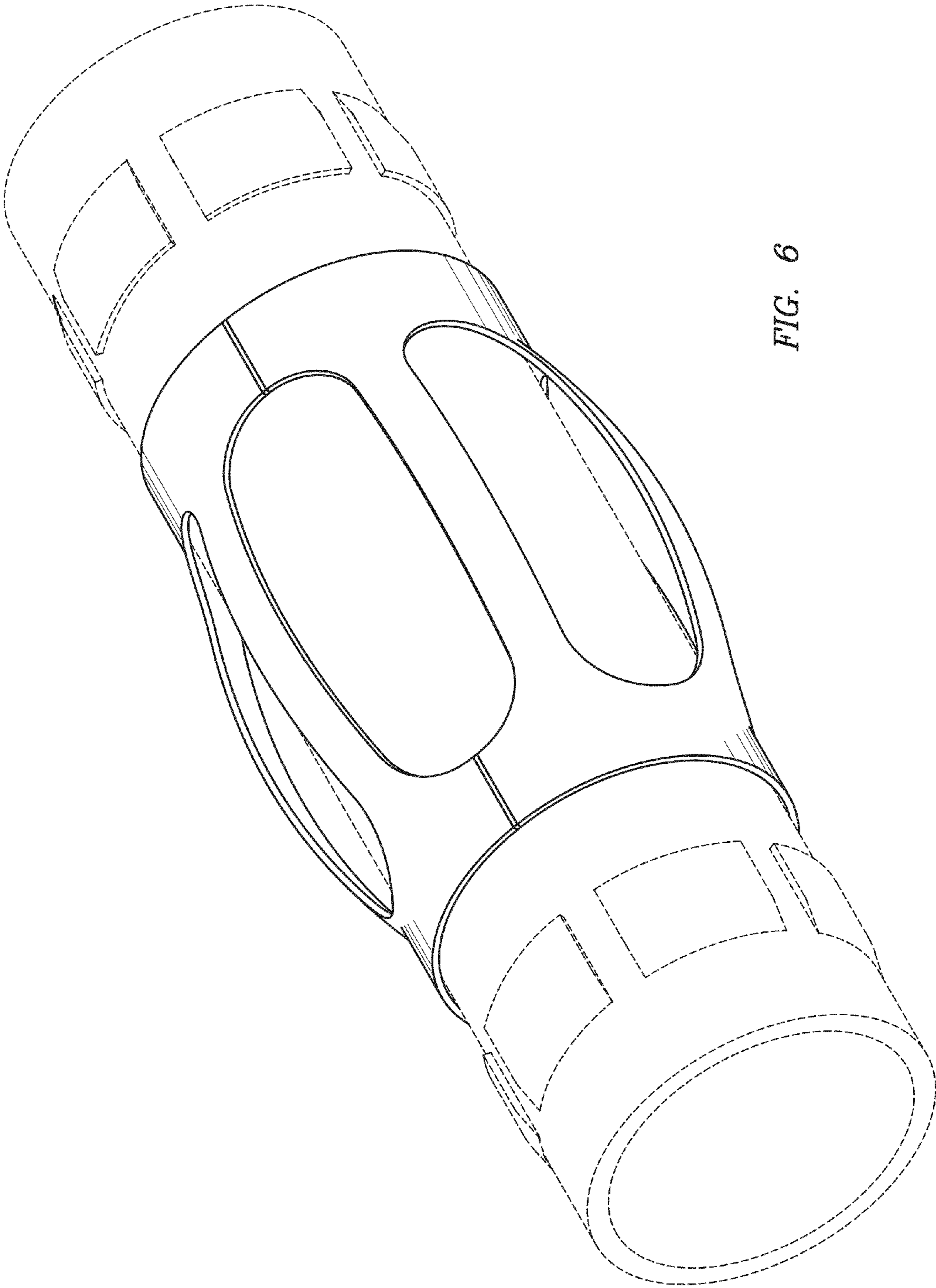


FIG. 6

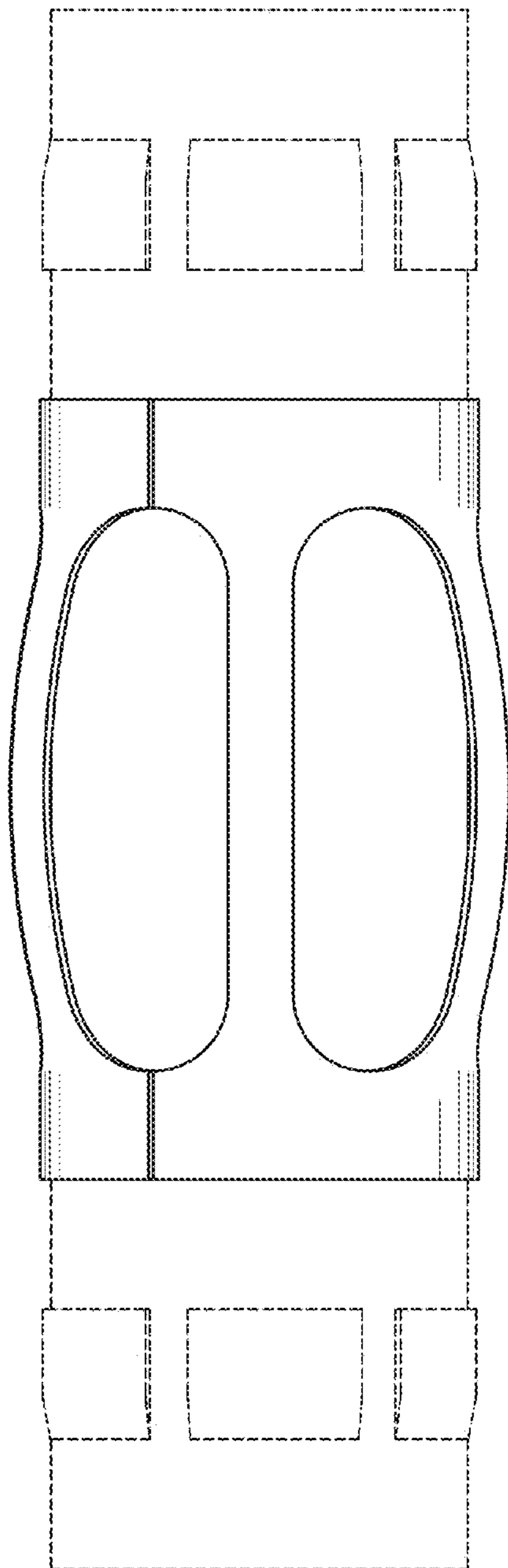


FIG. 7

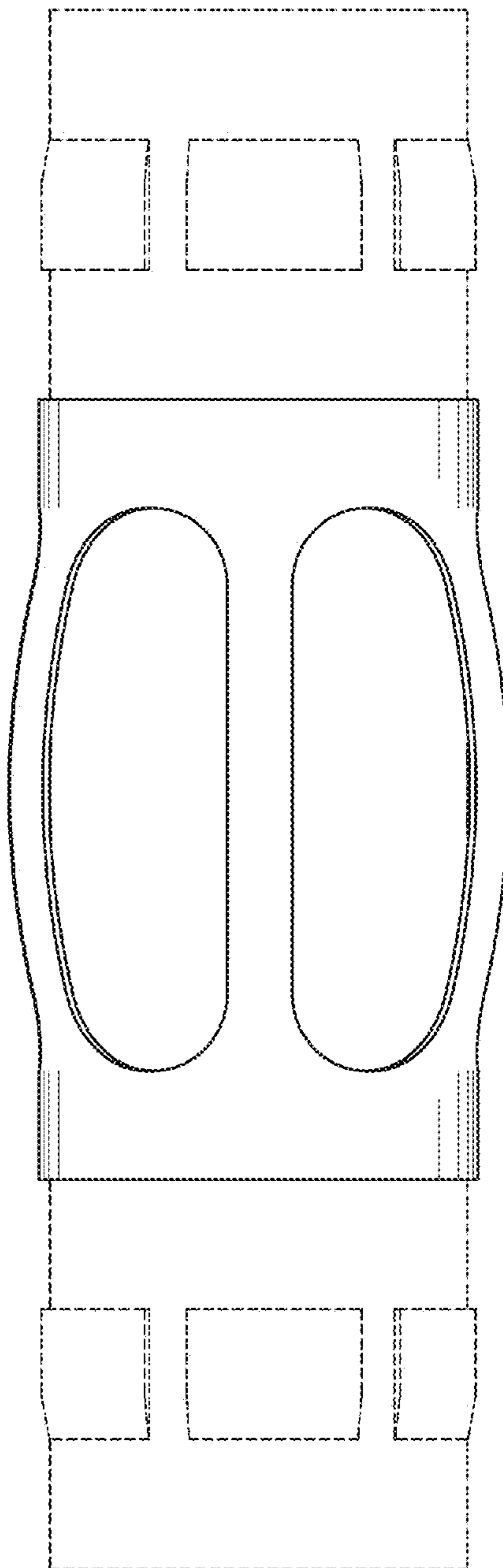


FIG. 8