

US00D527029S

(12) **United States Design Patent** (10) **Patent No.:** **US D527,029 S**
Launder et al. (45) **Date of Patent:** **** Aug. 22, 2006**

(54) **GROUND ENGAGING TOOTH**

FOREIGN PATENT DOCUMENTS

(75) Inventors: **Brian L. Launder**, Tulsa, OK (US);
Charles Clendenning, Broken Arrow,
OK (US)

GB 1297827 11/1972
WO WO 2005/005737 A1 1/2005

(73) Assignee: **H&L Tooth Company**, Tulsa, OK (US)

Primary Examiner—Stella Reid
Assistant Examiner—Mark A. Goodwin
(74) *Attorney, Agent, or Firm*—John W. Harbst

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

(57) **CLAIM**

(21) Appl. No.: **29/207,564**

The ornamental design for a ground engaging tooth, as shown and described.

(22) Filed: **Jun. 14, 2004**

DESCRIPTION

(51) **LOC (8) Cl.** **15-03**

(52) **U.S. Cl.** **D15/29**

(58) **Field of Classification Search** D15/10,
D15/25, 28, 29, 32; 172/699, 713; 37/446,
37/452-454

See application file for complete search history.

(56) **References Cited**

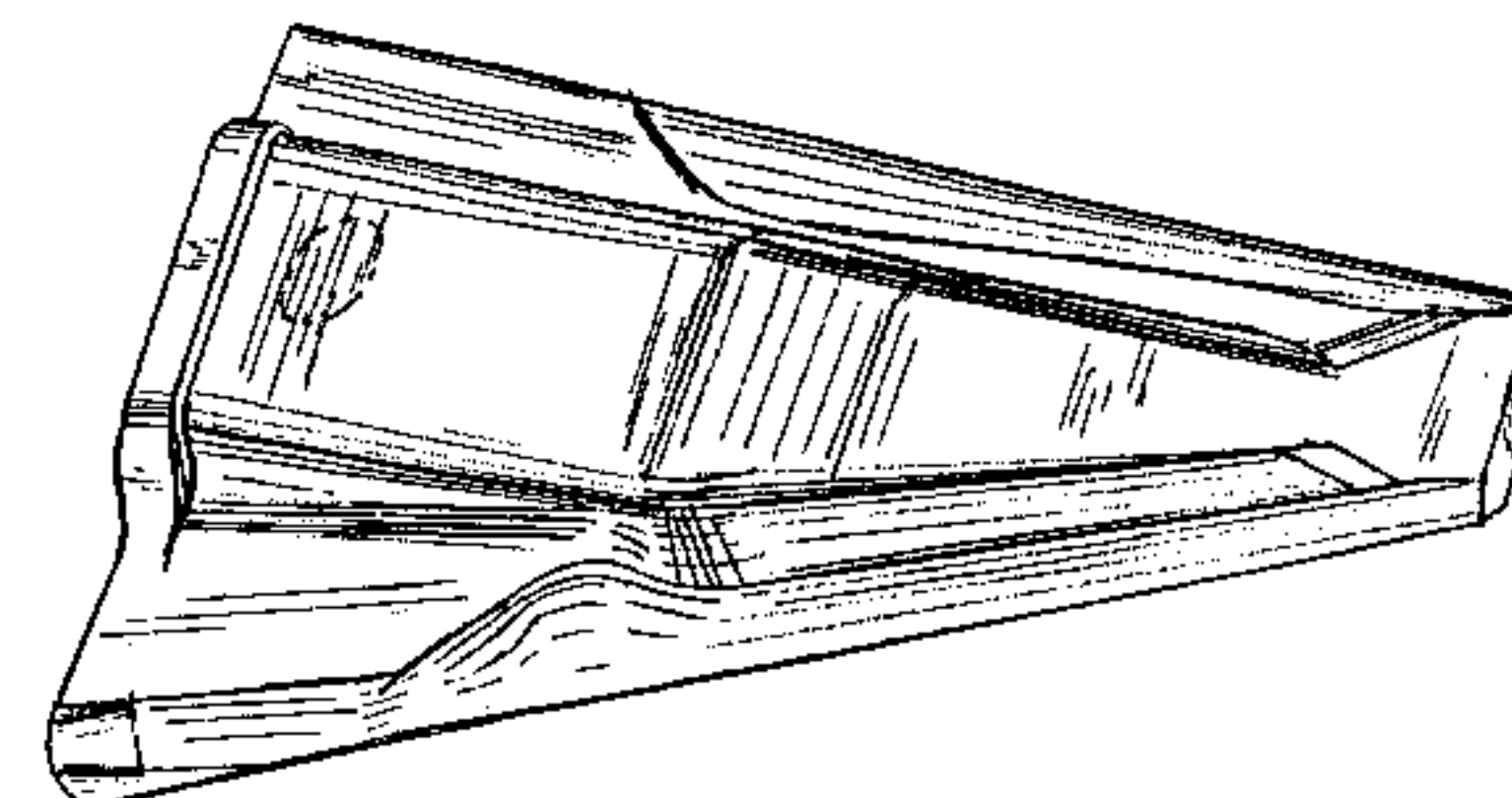
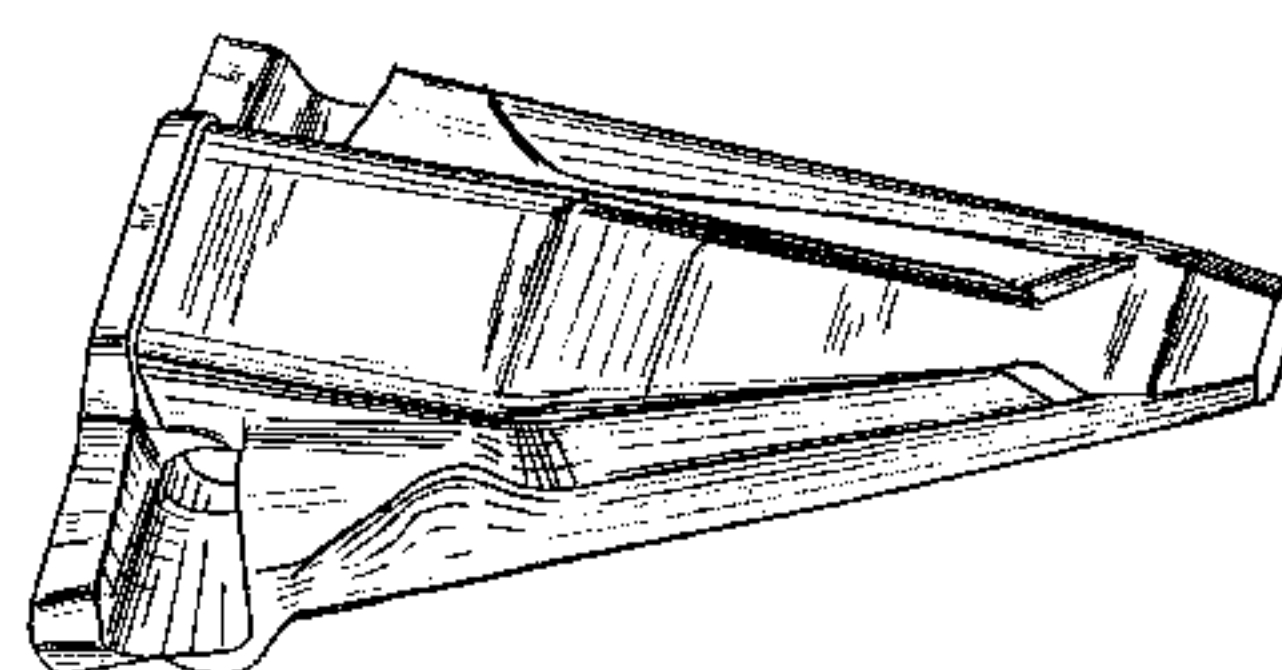
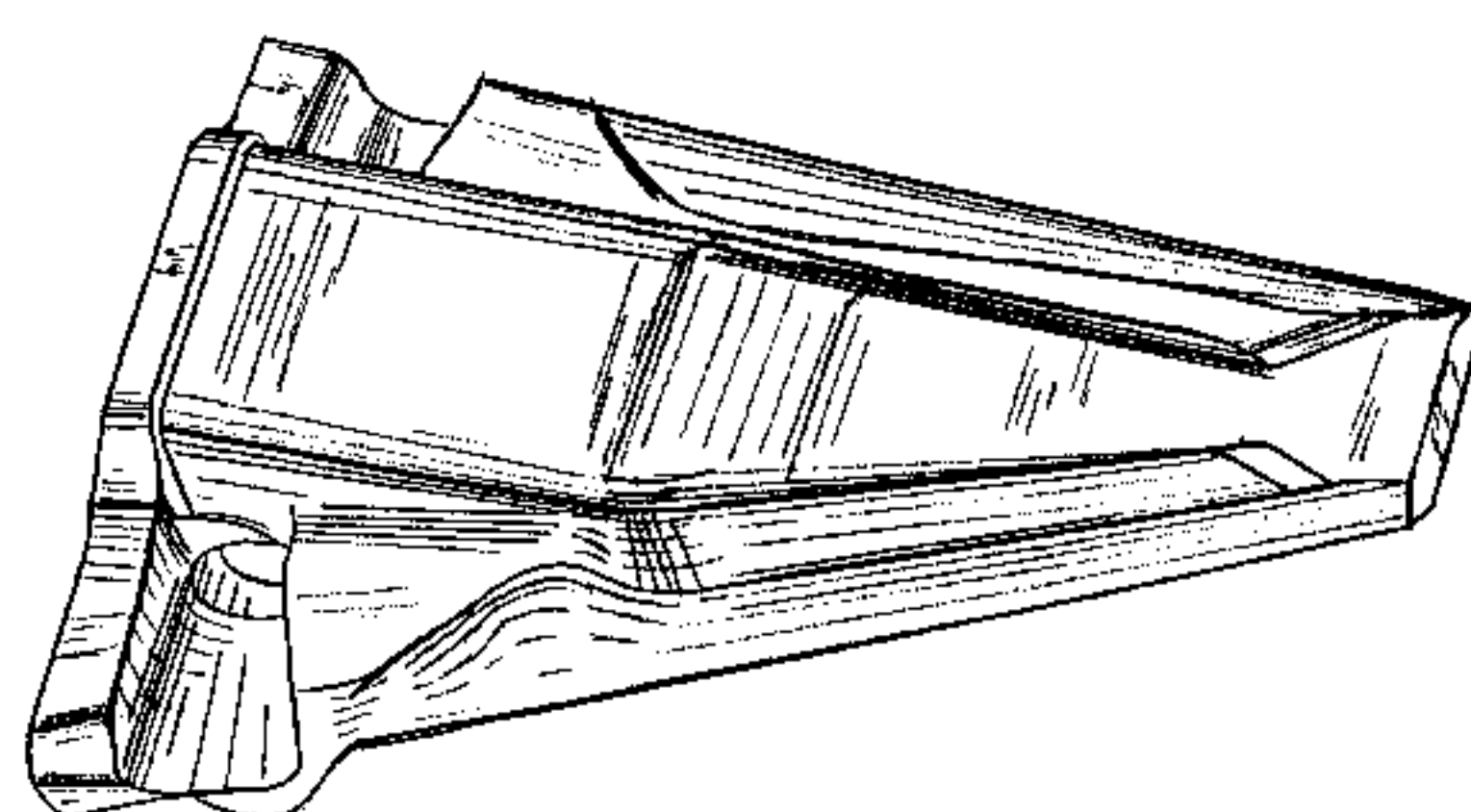
U.S. PATENT DOCUMENTS

1,009,254 A	11/1911	McKenzie
1,796,737 A	3/1931	Van Buskirk
1,843,205 A	2/1932	Clark
1,959,847 A	5/1934	Van Buskirk
2,005,016 A	6/1935	Van Buskirk
2,167,425 A	7/1939	Page
2,385,395 A	9/1945	Bear
2,623,309 A	12/1952	Frye
D190,335 S	5/1961	Livermore
D207,448 S	4/1967	Wilson
D207,451 S	4/1967	Wilson
3,888,028 A	6/1975	White
3,947,982 A	4/1976	Mantovani
D243,843 S	3/1977	Edwards
4,050,172 A	9/1977	Petersen
4,083,605 A	4/1978	College et al.
4,117,611 A	10/1978	Hemphill
4,208,816 A	6/1980	West
4,317,299 A	3/1982	Funk
4,329,798 A	5/1982	Edwards
D285,691 S	9/1986	Johnson

FIG. 1 is a top, left perspective view of one embodiment of a ground engaging tooth showing our new design;
FIG. 2 is a bottom plan view thereof;
FIG. 3 is a top plan view thereof;
FIG. 4 is a left side elevational view thereof; with the right side elevational view being a mirror image of the left side;
FIG. 5 is a rear end view thereof;
FIG. 6 is a front end view thereof;
FIG. 7 is a top, left perspective view of a second embodiment of a ground engaging tooth showing our new design;
FIG. 8 is a bottom plan view thereof;
FIG. 9 is a top plan view thereof;
FIG. 10 is a left side elevational view thereof; with the right side elevational view being a mirror image of the left side;
FIG. 11 is a rear end view thereof;
FIG. 12 is a front end view thereof;
FIG. 13 is a top, left perspective view of a third embodiment of a ground engaging tooth showing our new design;
FIG. 14 is a top plan view thereof; with the bottom plan view being a mirror image of the top plan view thereof;
FIG. 15 is a left side elevational view thereof; with the right side elevational view being a mirror image of the left side elevational view;
FIG. 16 is a rear elevational view thereof; and,
FIG. 17 is a front elevational view thereof.
The phantom lines shown in various drawing figures form no part of the present invention.

(Continued)

1 Claim, 8 Drawing Sheets

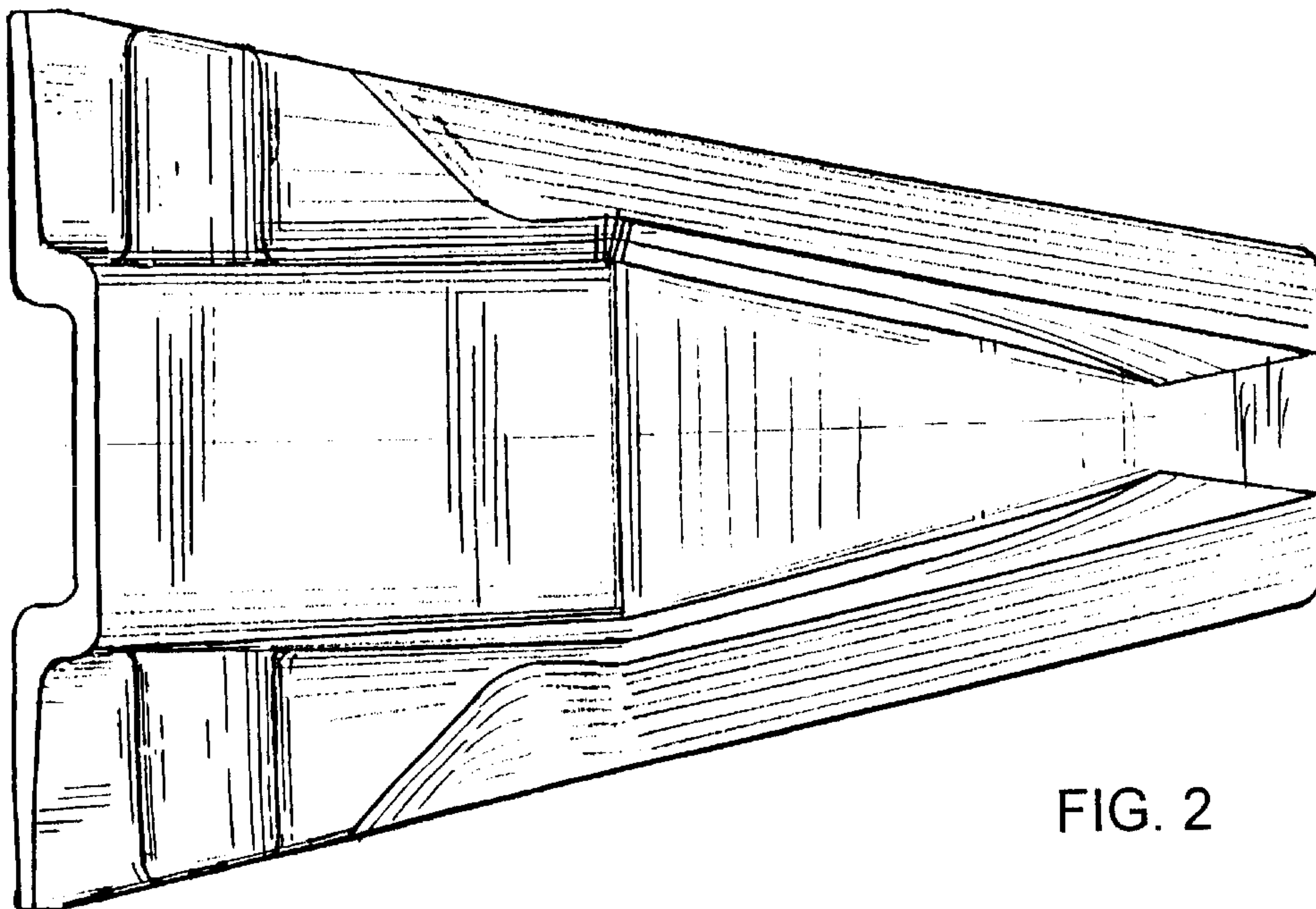
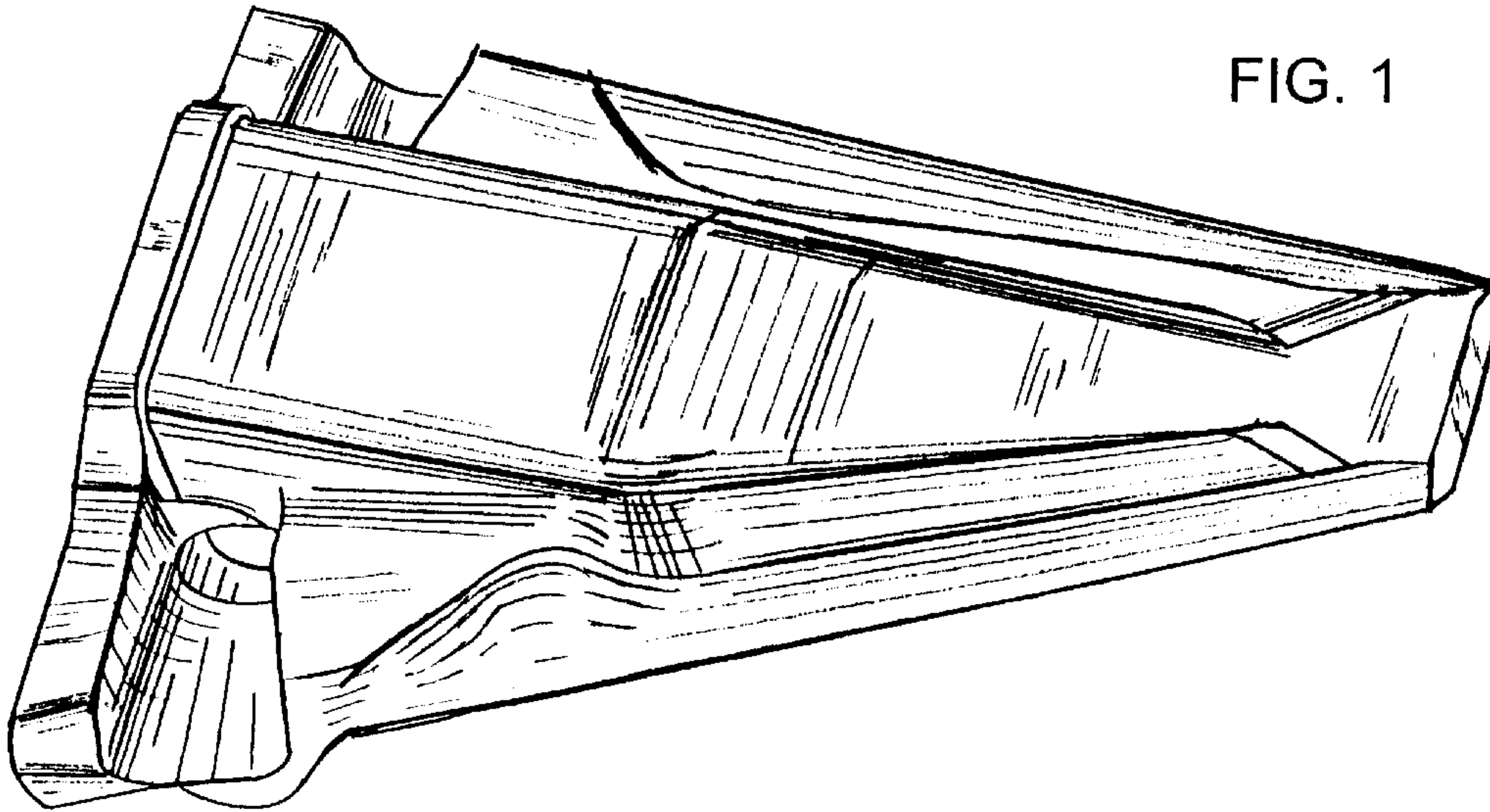


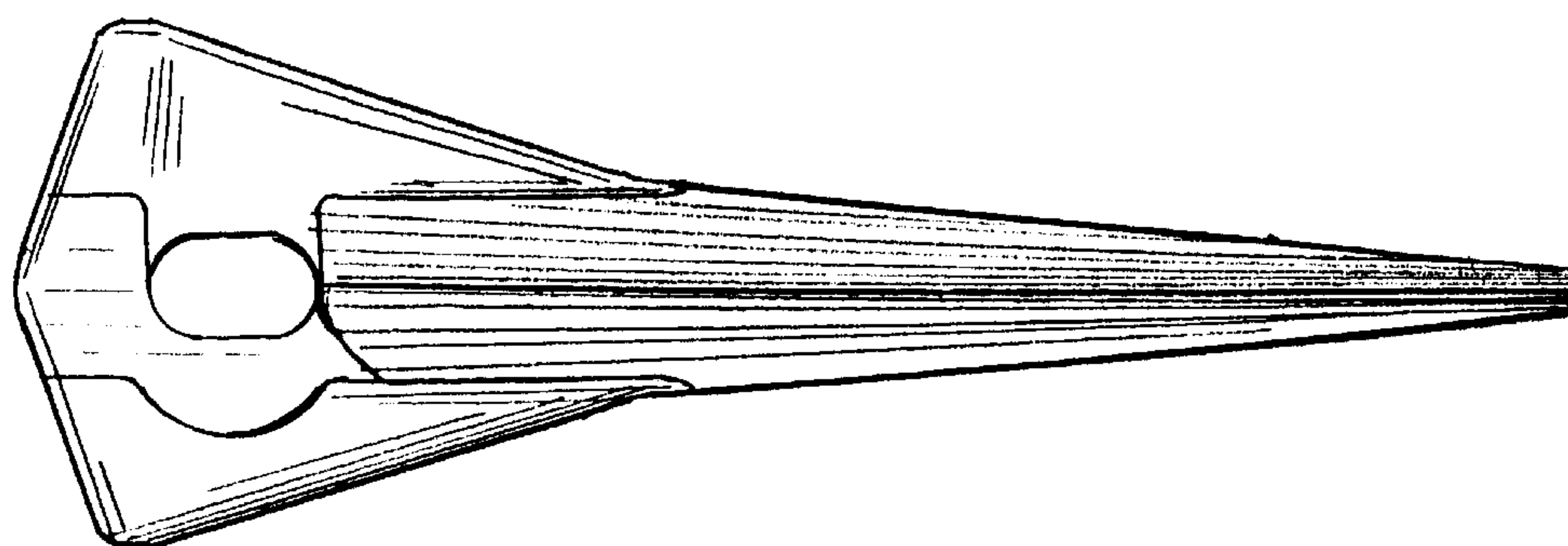
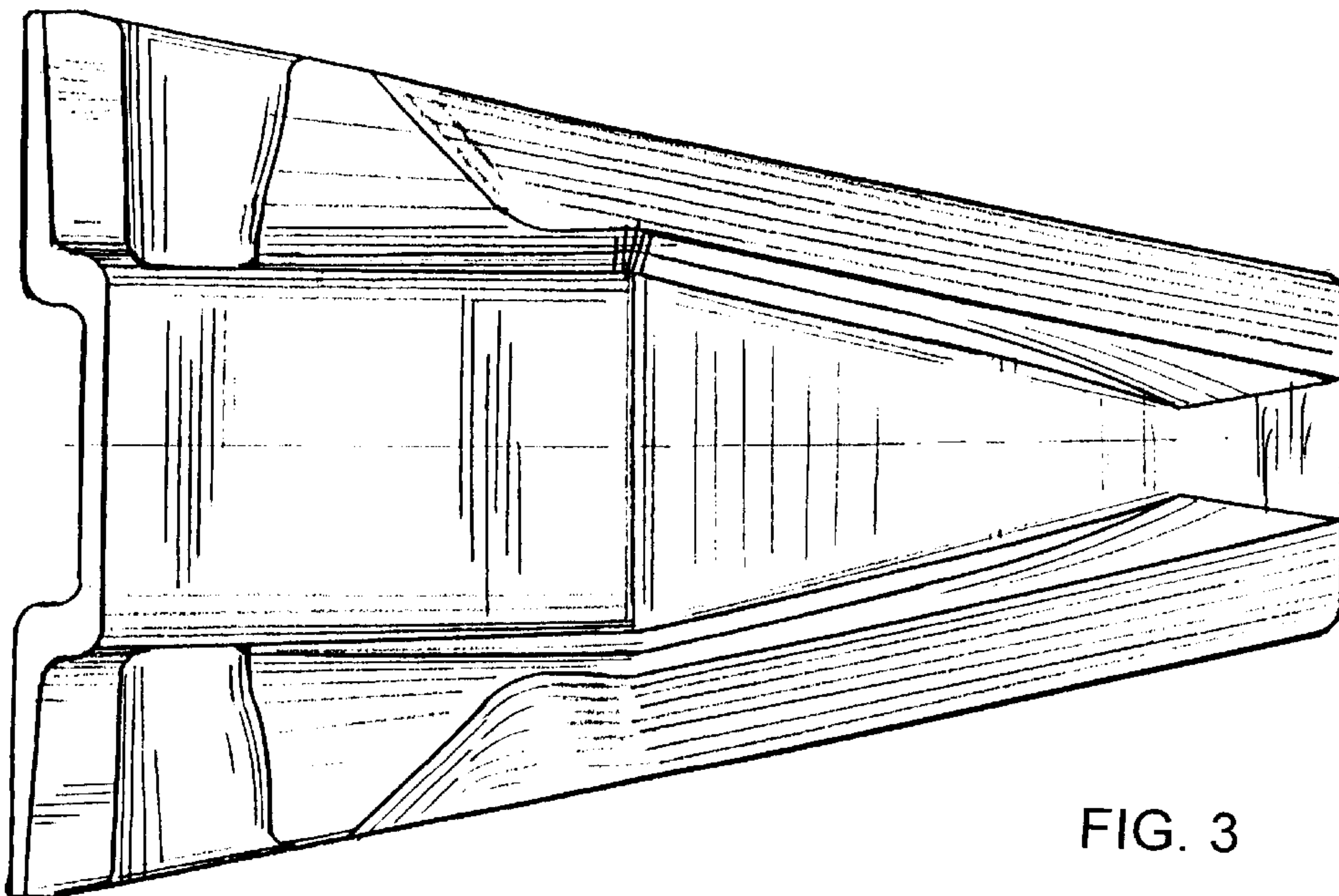
Page 2

4,642,920	A		2/1987	Lehnhoff	
D299,351	S	*	1/1989	Edmision	D15/29
5,188,680	A		2/1993	Hahn et al.	
D354,291	S		1/1995	Edwards	
D364,409	S	*	11/1995	Peterson et al.	D15/29
D365,577	S	*	12/1995	Ruvang	D15/29
5,499,686	A		3/1996	Parker	
5,778,570	A		7/1998	Eichelberger	
D399,511	S	*	10/1998	Launder et al.	D15/27
D411,546	S		6/1999	Chapman	
D414,193	S	*	9/1999	Launder et al.	D15/29

D415,173	S	10/1999	Zaun	
D415,773	S	10/1999	Chapman	
D417,877	S	* 12/1999	Launder et al.	D15/29
6,070,345	A	6/2000	Akaki et al.	
D429,257	S	8/2000	Zaun	
D429,258	S	8/2000	Zaun	
D461,832	S	* 8/2002	Ketting et al.	D15/29
D463,460	S	* 9/2002	Siebeck et al.	D15/29
6,490,816	B1	* 12/2002	Ketting	37/454
D499,749	S	* 12/2004	Launder et al.	D15/29
2003/0010157	A1	1/2003	Bruce	

* cited by examiner





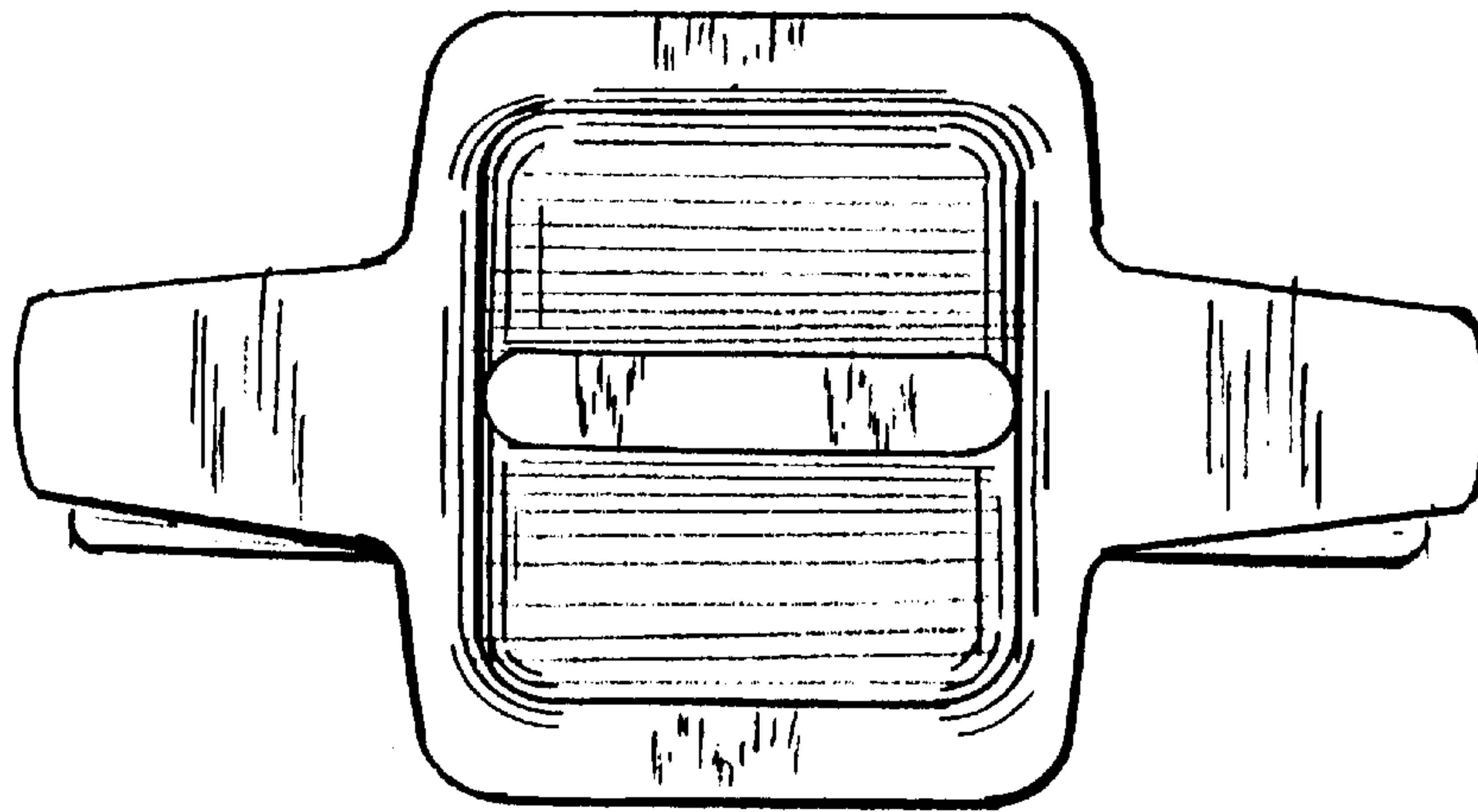


FIG. 5

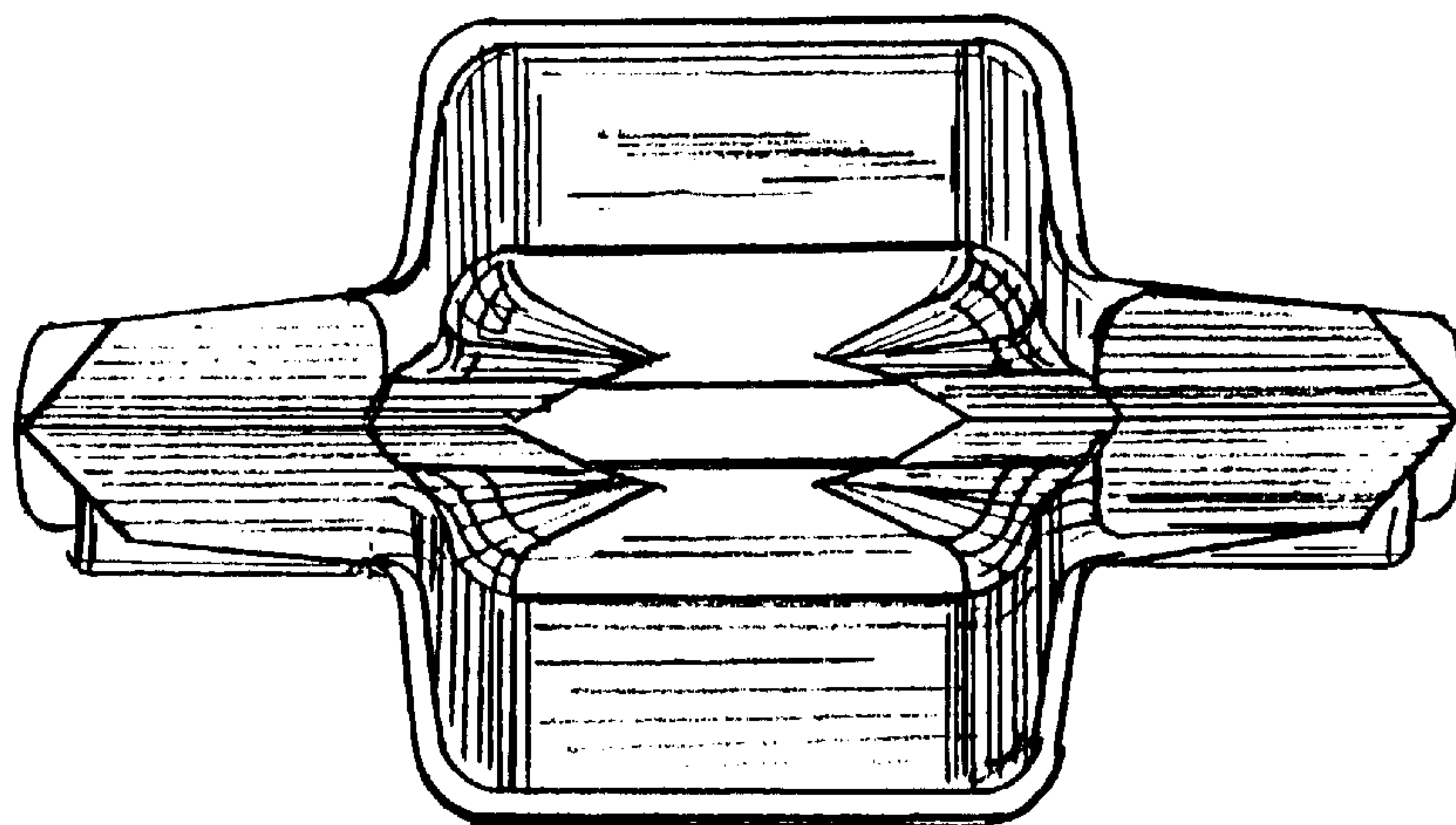


FIG. 6

FIG. 7

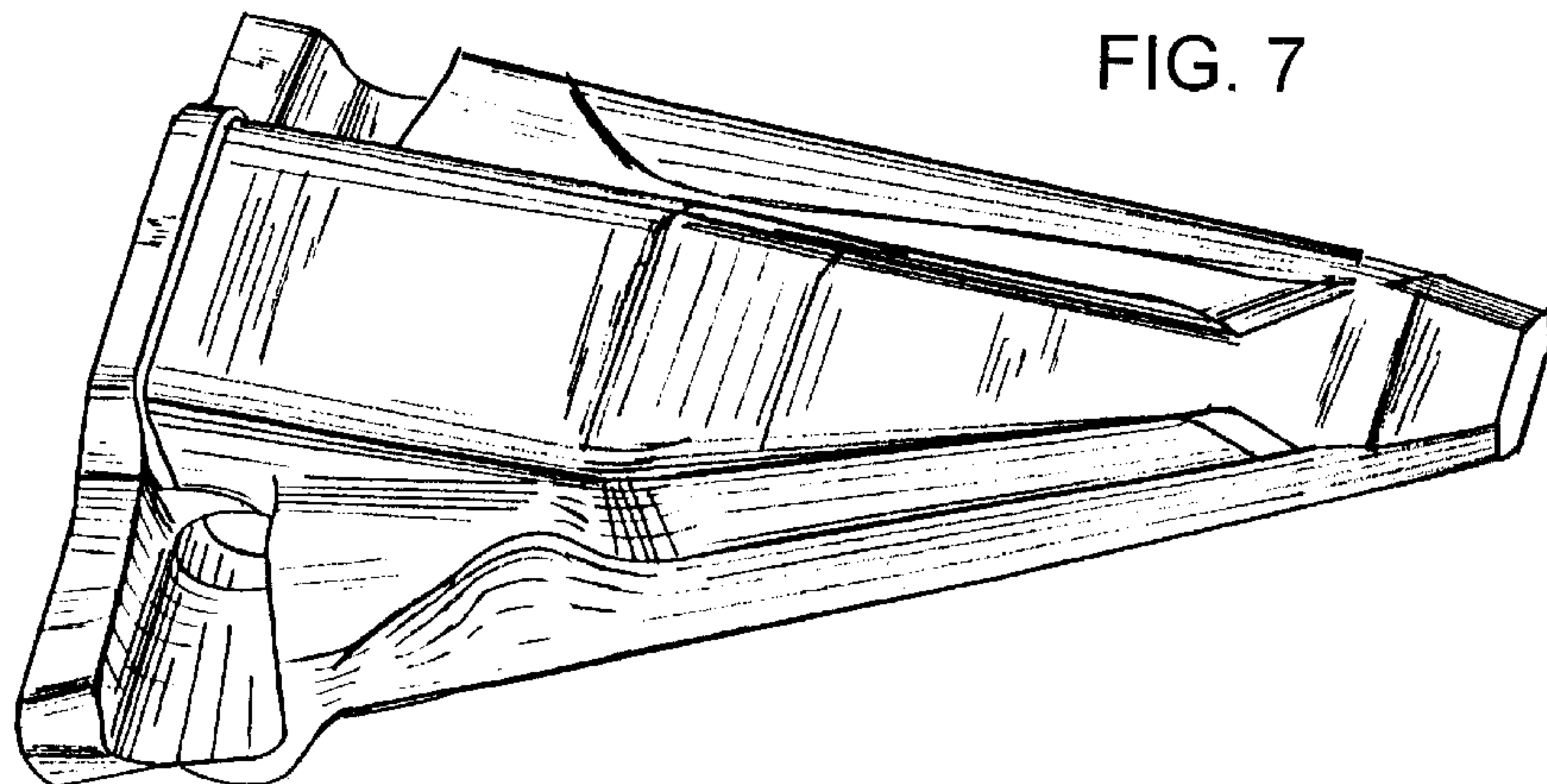
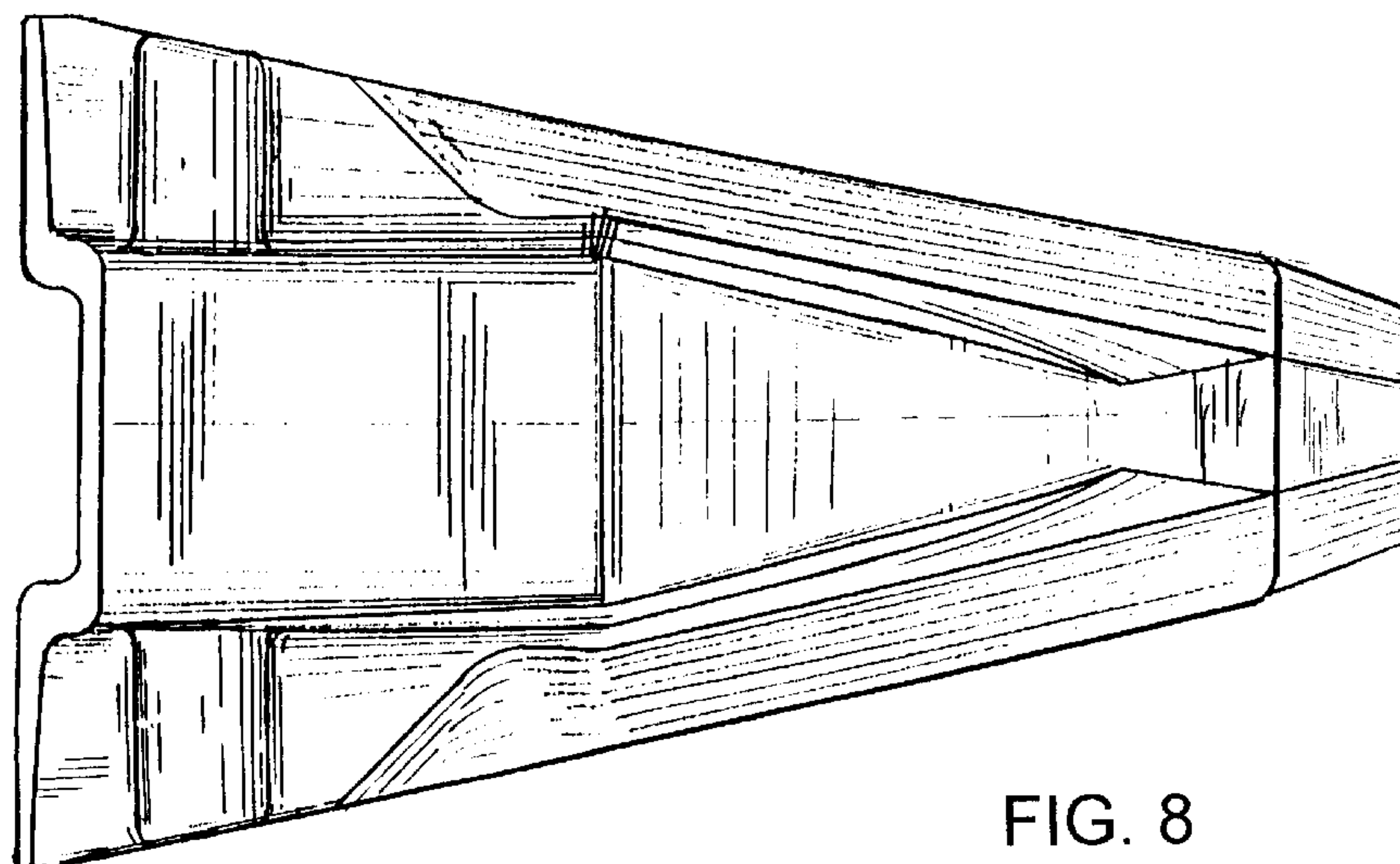
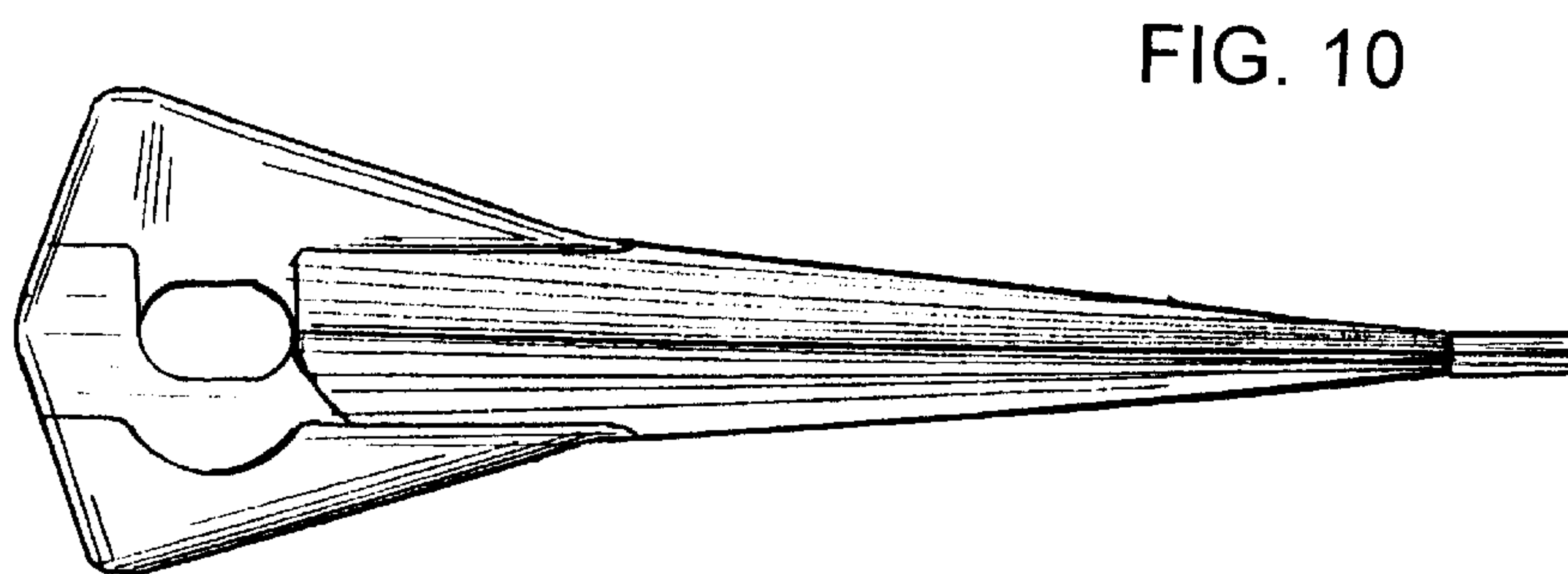
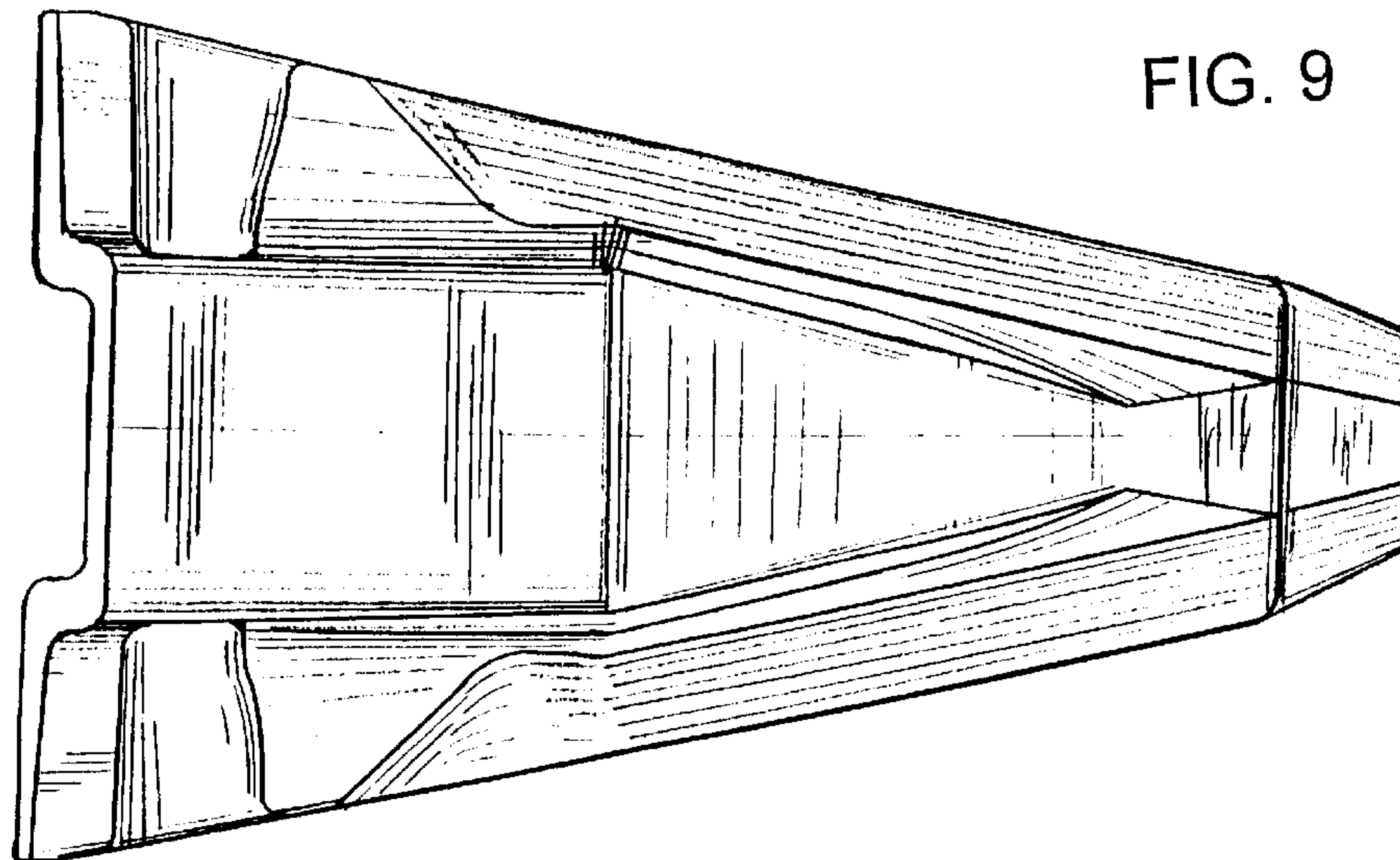


FIG. 8





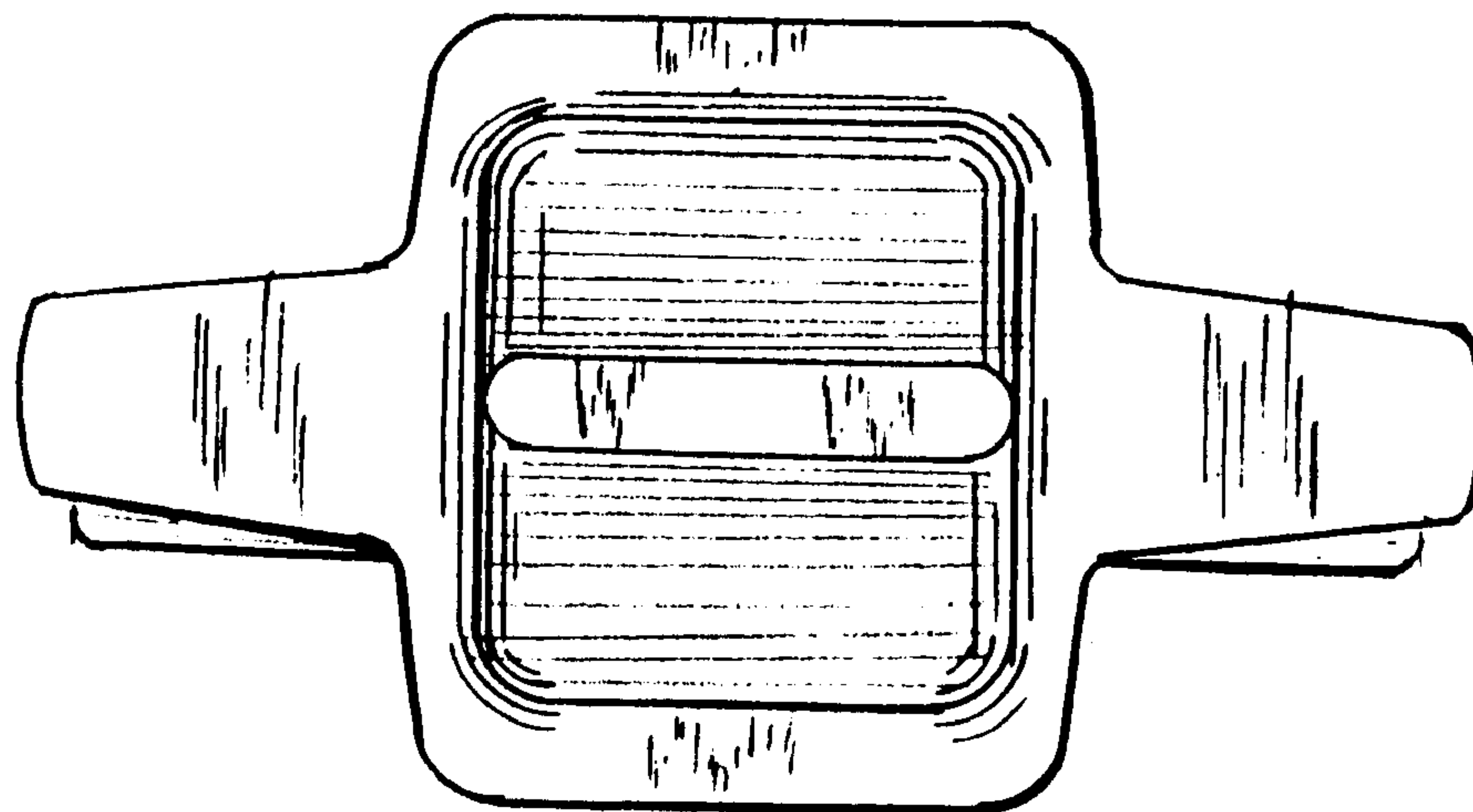


FIG. 11

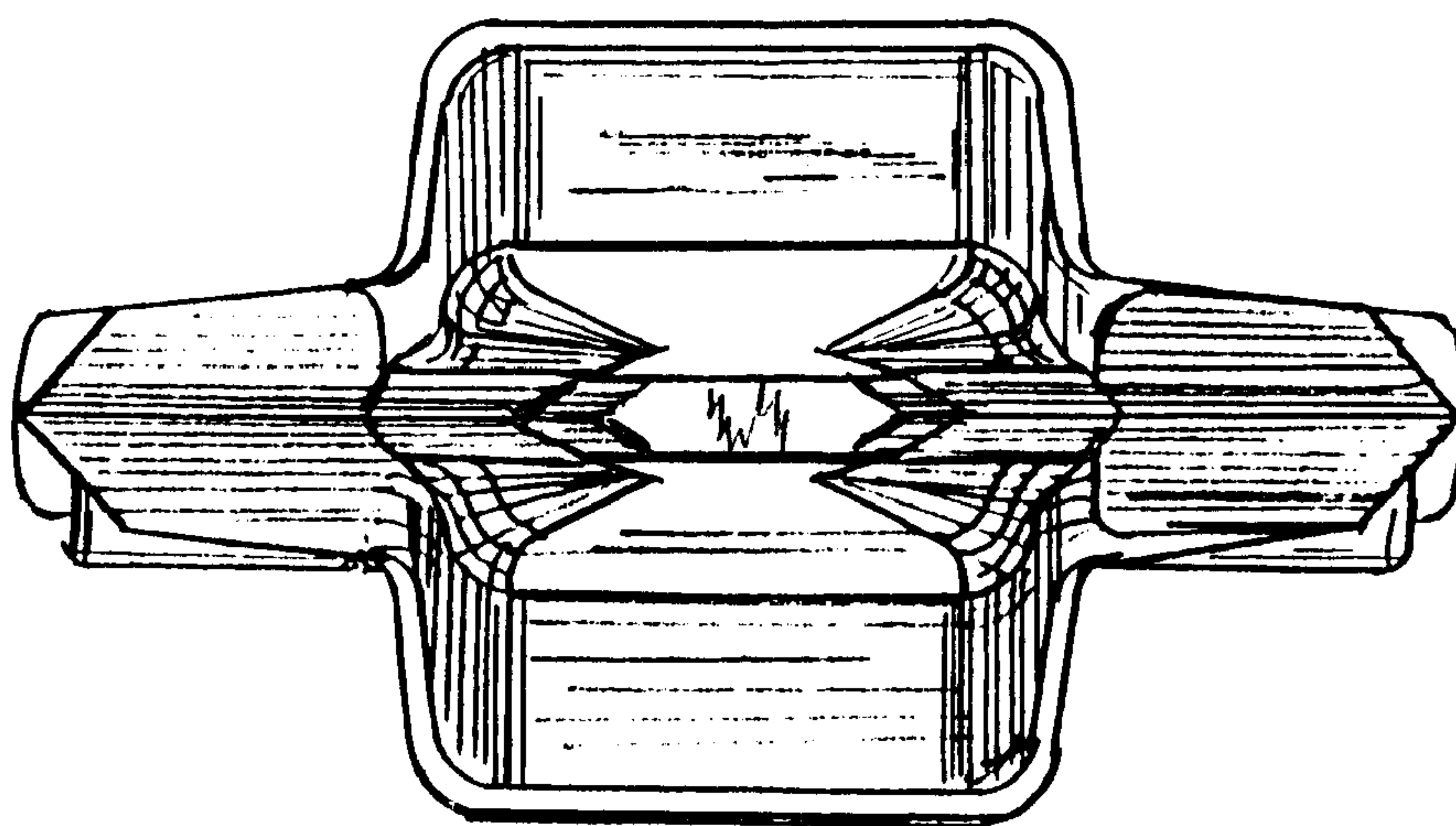


FIG. 12

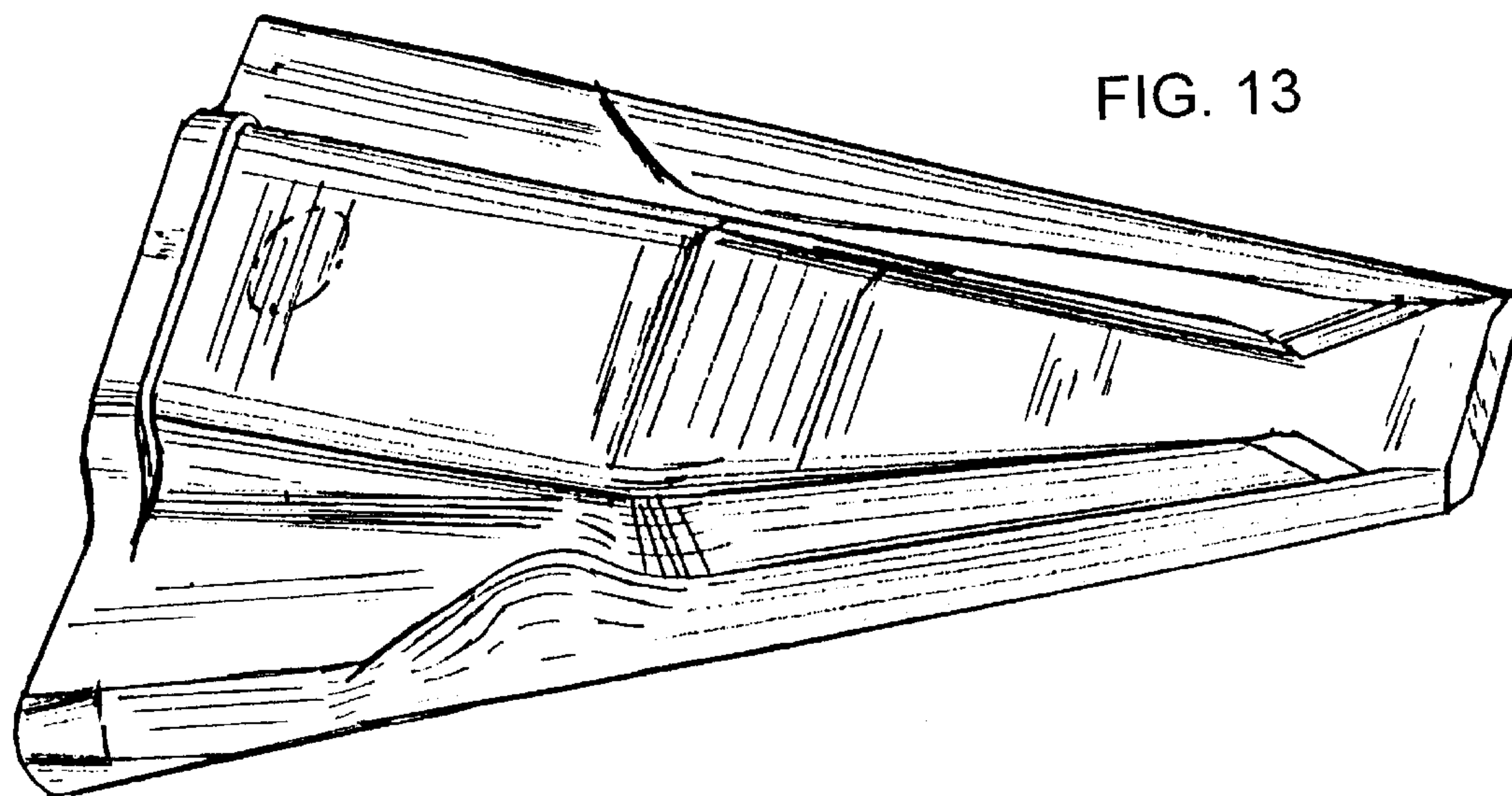


FIG. 13

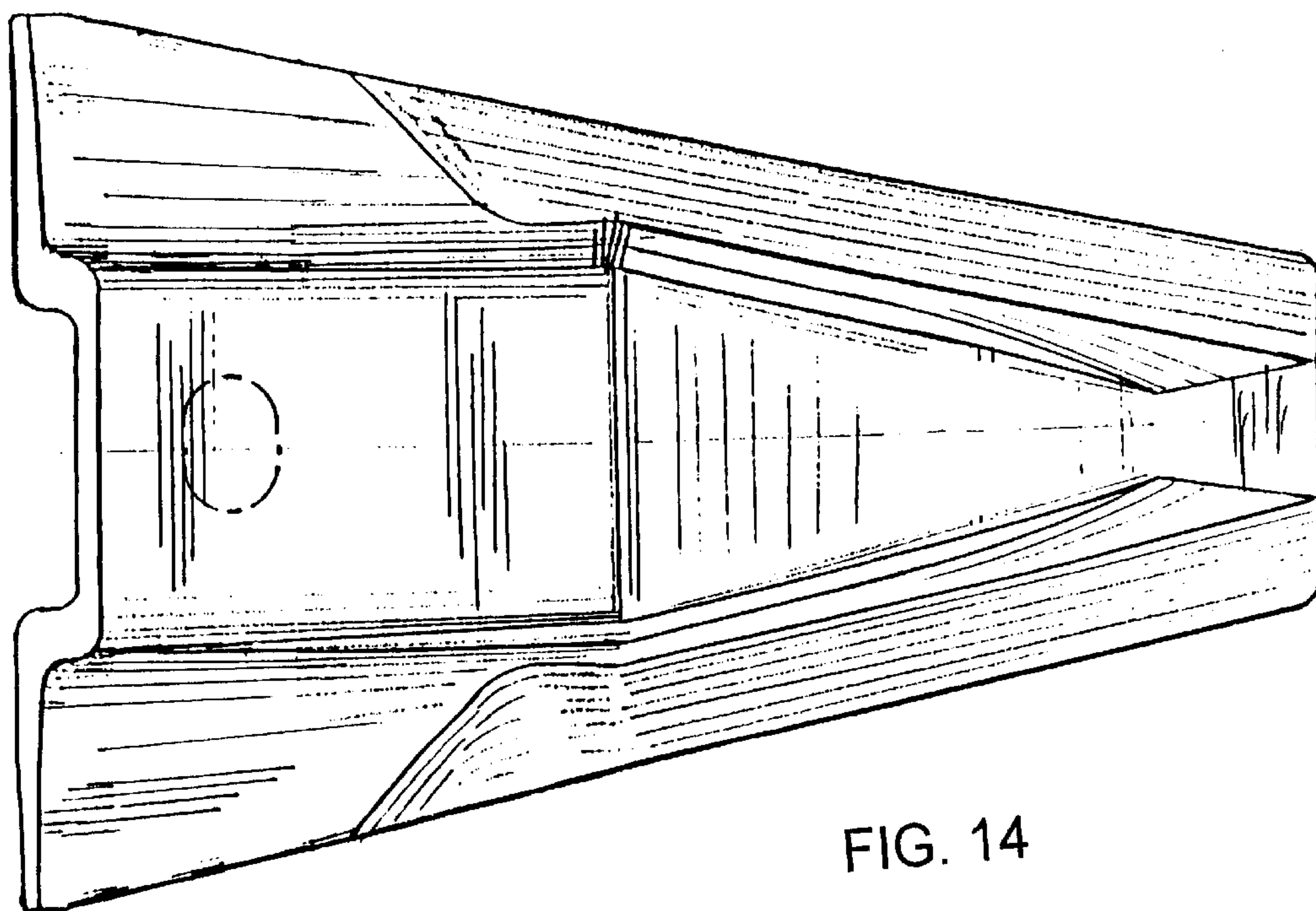


FIG. 14

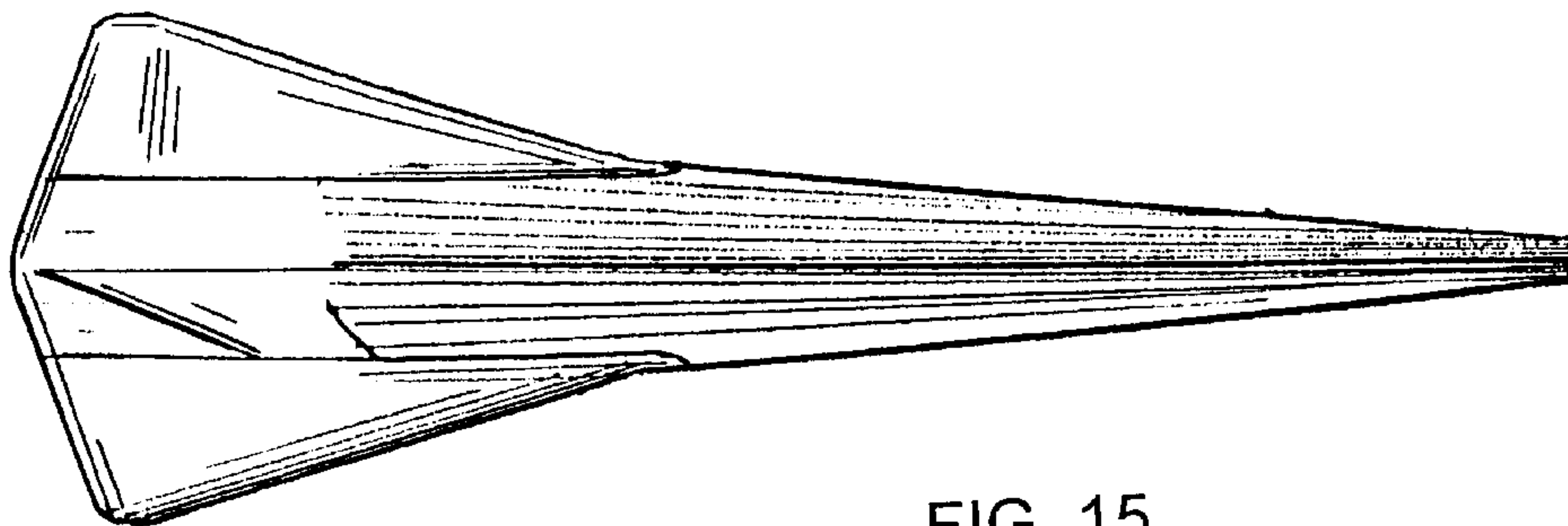


FIG. 15

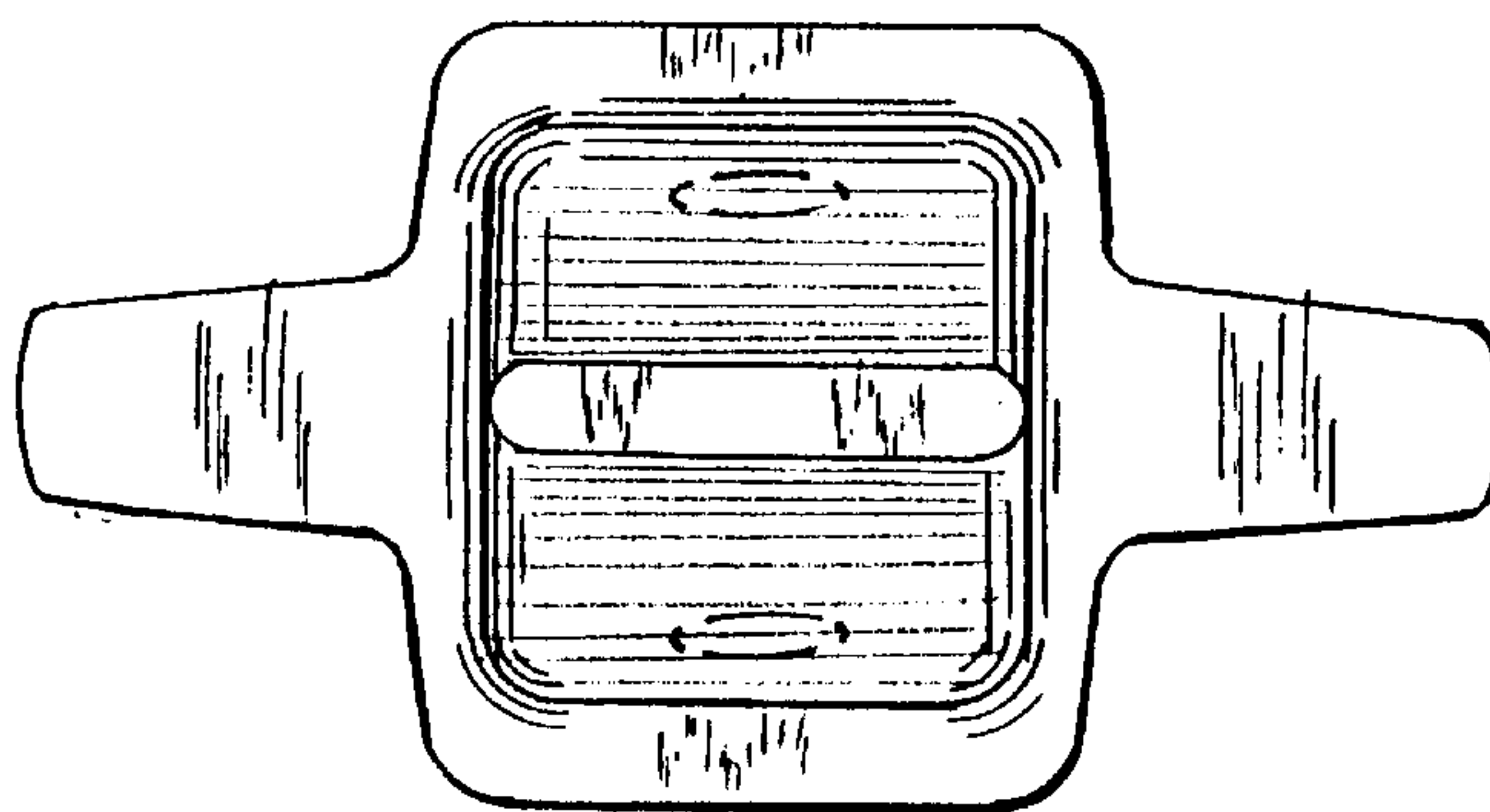


FIG. 16

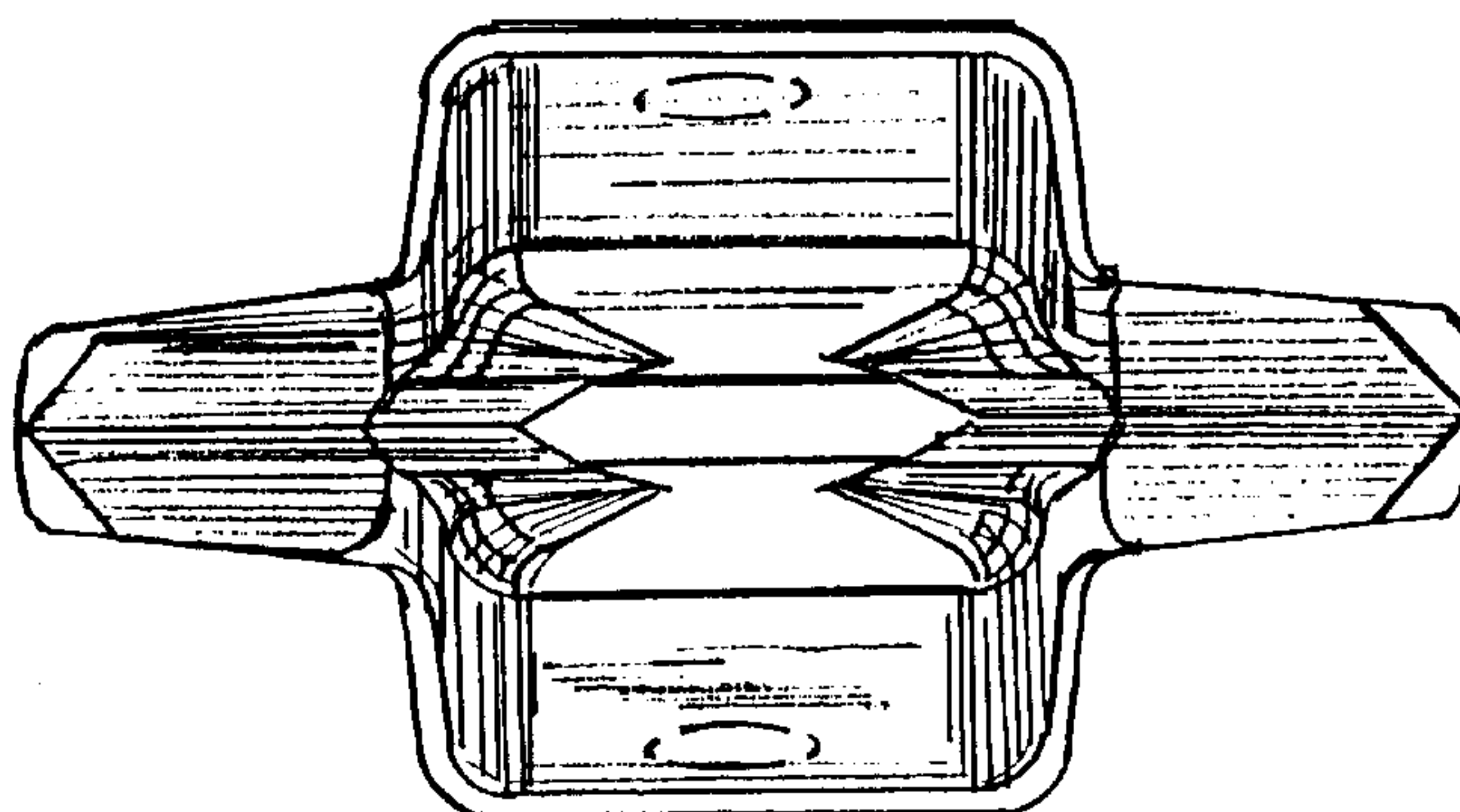


FIG. 17