



US00D823100S

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

(10) **Patent No.:** **US D823,100 S**

(45) **Date of Patent:** **\*\* Jul. 17, 2018**

(54) **TUBE CONNECTOR**

(71) Applicant: **Dazadi, Inc.**, Seattle, WA (US)

(72) Inventors: **Jason R. Boyce**, Seattle, WA (US);  
**Benjamin J. Stegemoller**, Maineville,  
OH (US); **Anthony J. Sliger**, Mason,  
OH (US)

(73) Assignee: **Dazadi, Inc.**, Seattle, WA (US)

(\*\*) Term: **15 Years**

(21) Appl. No.: **29/611,253**

(22) Filed: **Jul. 19, 2017**

(51) **LOC (11) Cl.** ..... **08-08**

(52) **U.S. Cl.**  
USPC ..... **D8/382**

(58) **Field of Classification Search**  
USPC ..... D8/349, 350, 353, 354, 355, 356, 359,  
D8/366, 367, 373, 74, 381, 382, 383,  
D8/385; D25/38.1, 61; 403/205, 256;  
256/65.01, 65.05; 384/495, 906, 477,  
384/558, 472, 512; 211/182, 187, 189,  
211/206; 277/579, 581; 108/107,  
108/147.16, 147.15, 147.12, 106, 108;  
474/96; D13/133; 439/346; D23/233,  
D23/393, 399, 303, 269  
CPC ..... A61M 2039/1027; F16L 19/028; F16L  
19/041; F16L 21/08; F16B 11/008; F16B  
7/0426  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D296,779 S \* 7/1988 Watson ..... D13/156  
D301,459 S \* 6/1989 Chambers ..... D13/151  
D304,616 S \* 11/1989 Dunlap ..... D24/112  
D333,511 S \* 2/1993 Mikiya ..... D13/151

D345,197 S \* 3/1994 Potter ..... D23/266  
D368,250 S \* 3/1996 Castaldo ..... D13/156  
D375,599 S \* 11/1996 Hirano ..... D23/266  
D375,600 S \* 11/1996 Hirano ..... D23/266  
D389,460 S \* 1/1998 Wei-Hong ..... D13/155  
D401,717 S \* 11/1998 Grueber ..... D34/29  
D418,210 S \* 12/1999 Roesch ..... D23/262  
D419,860 S \* 2/2000 Persson ..... D8/382  
D443,041 S \* 5/2001 Uhlenkott ..... D23/266  
D445,170 S \* 7/2001 Speicher ..... D23/266  
D529,865 S \* 10/2006 LaPere ..... D13/133  
D546,285 S \* 7/2007 Ledbetter ..... D13/133  
D546,665 S \* 7/2007 Medlin ..... D8/382  
D550,623 S \* 9/2007 McCann ..... D13/133  
D555,099 S \* 11/2007 Lin ..... D13/133  
D576,477 S \* 9/2008 Levy ..... D23/262  
D581,772 S \* 12/2008 Hozen ..... D8/382  
D594,421 S \* 6/2009 Lee ..... D13/156  
D608,294 S \* 1/2010 Shaw ..... D13/133  
D612,464 S \* 3/2010 Weisel ..... D23/266  
D620,894 S \* 8/2010 Lutz ..... D13/151

(Continued)

*Primary Examiner* — David Muller

*Assistant Examiner* — Nathan Johnston

(74) *Attorney, Agent, or Firm* — Kelly & Kelley, LLP

(57) **CLAIM**

The ornamental design for a tube connector, as shown.

**DESCRIPTION**

FIG. 1 is a perspective view of the tube connector showing our new design;

FIG. 2 is a perspective view from a reverse angle thereof;

FIG. 3 is a left side elevation view thereof;

FIG. 4 is a right side elevation view thereof;

FIG. 5 is a rear elevation view thereof;

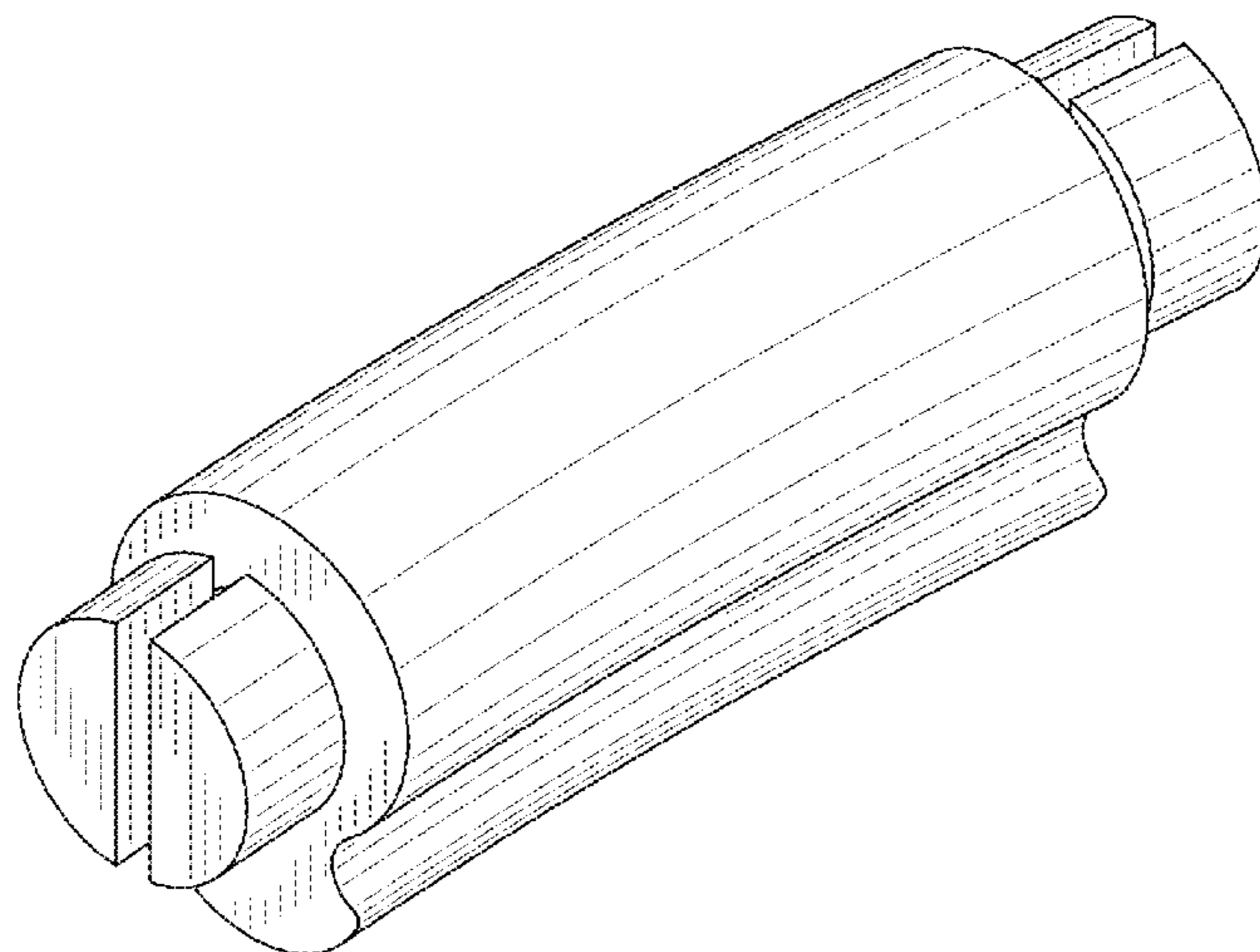
FIG. 6 is a front elevation view thereof;

FIG. 7 is a top plan view thereof;

FIG. 8 is a bottom plan view thereof; and,

FIG. 9 is a lower perspective view thereof.

**1 Claim, 3 Drawing Sheets**



(56)

**References Cited**

U.S. PATENT DOCUMENTS

D623,278	S *	9/2010	Eilertson .....	D23/266
D626,068	S *	10/2010	Giefers .....	D13/133
D636,079	S *	4/2011	Leypold .....	D24/129
D636,254	S *	4/2011	Chen .....	D8/382
D653,532	S *	2/2012	Vu .....	D6/709
D727,471	S *	4/2015	Corcoran .....	D23/262
D741,803	S *	10/2015	Davidson, Jr. ....	D13/133
D743,007	S *	11/2015	Kimura .....	D23/266
D746,957	S *	1/2016	Castrigno .....	D23/262
2005/0215113	A1 *	9/2005	Khemakhem .....	H01R 24/542 439/580
2012/0129384	A1 *	5/2012	Van Swearingen .....	H01R 9/05 439/449
2012/0203142	A1 *	8/2012	Bedell .....	A61M 25/0136 601/2
2015/0118880	A1 *	4/2015	Murphy .....	H01R 24/38 439/271
2015/0180182	A1 *	6/2015	Tatzel .....	H01R 13/24 439/578

\* cited by examiner

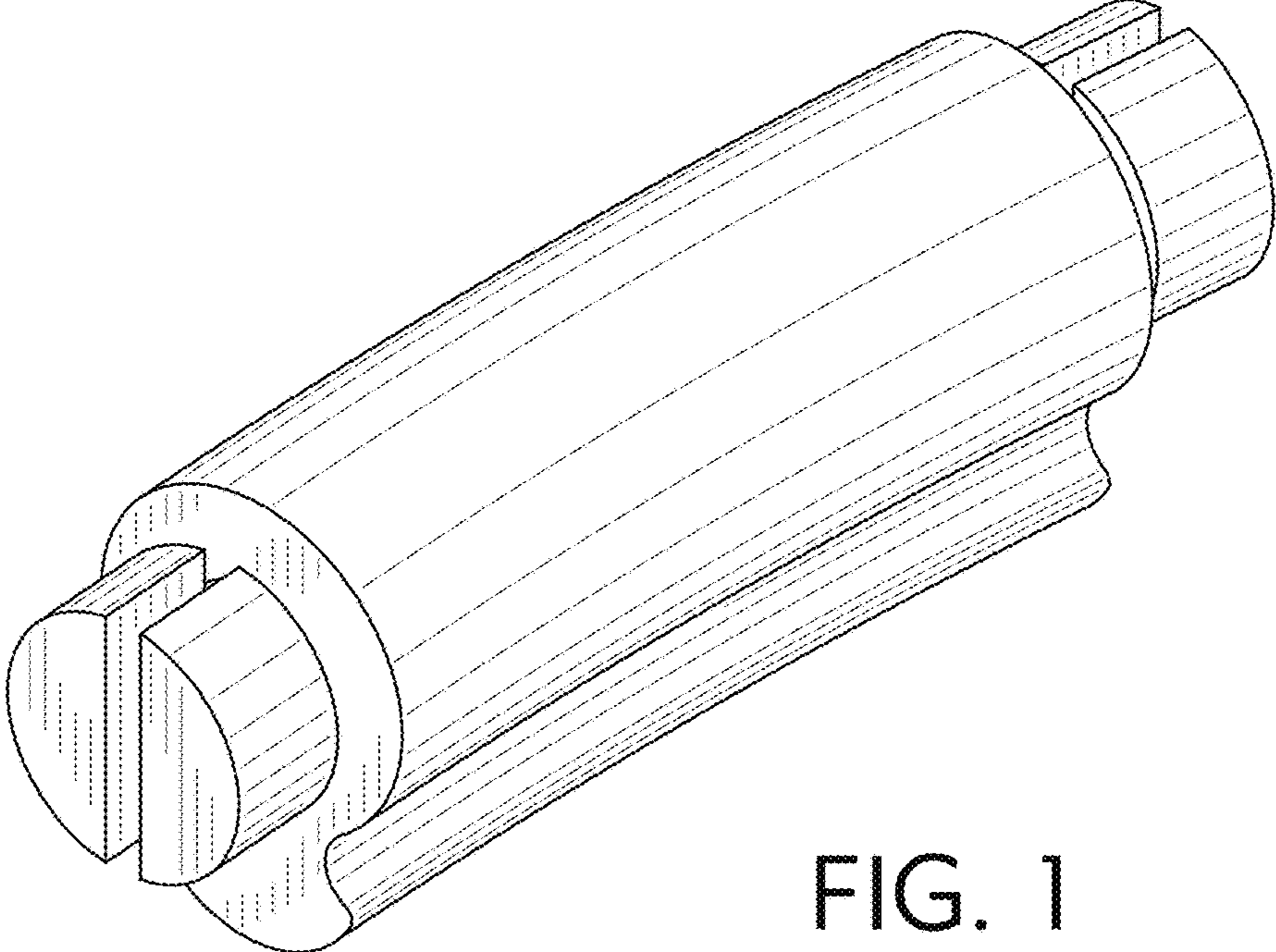


FIG. 1

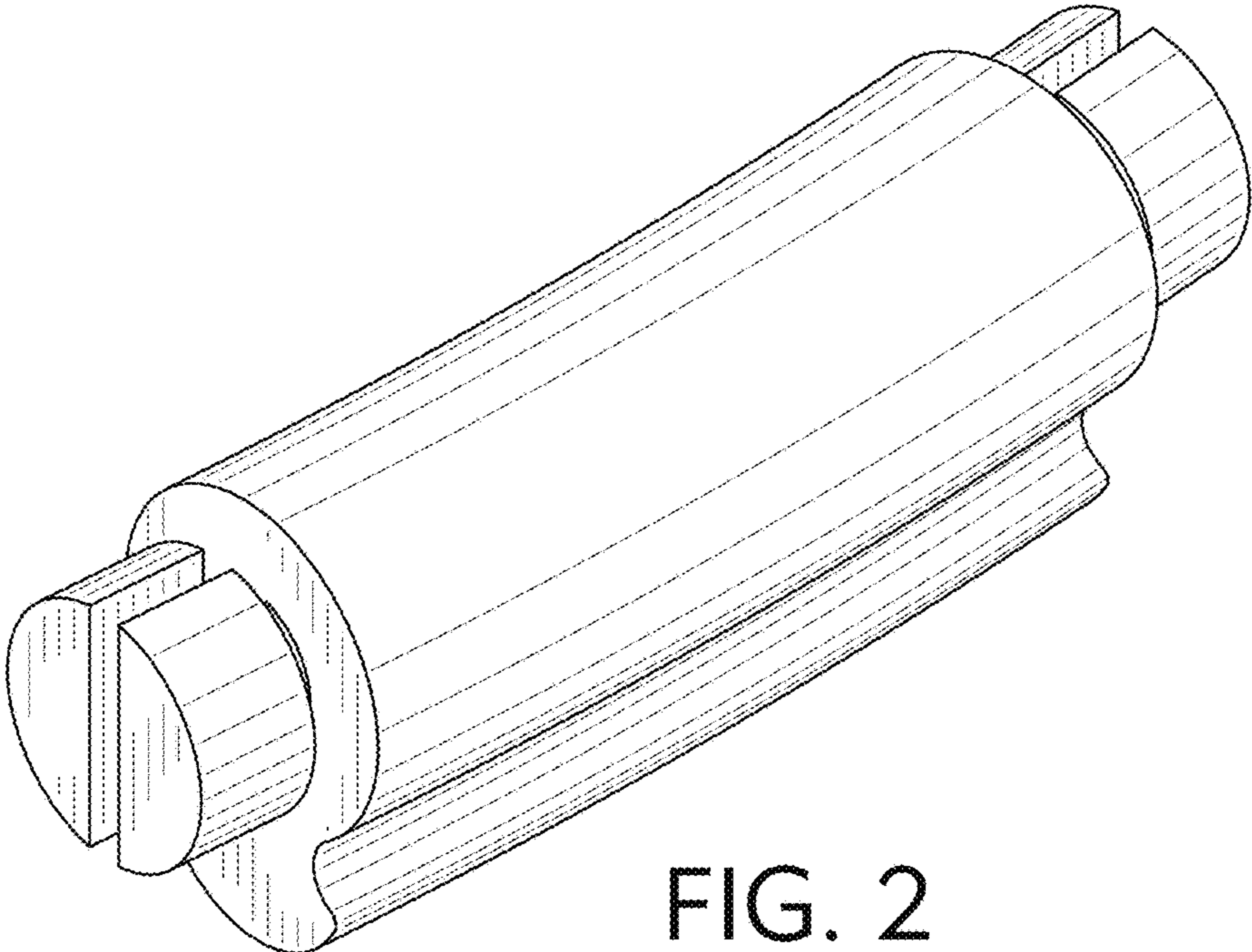


FIG. 2

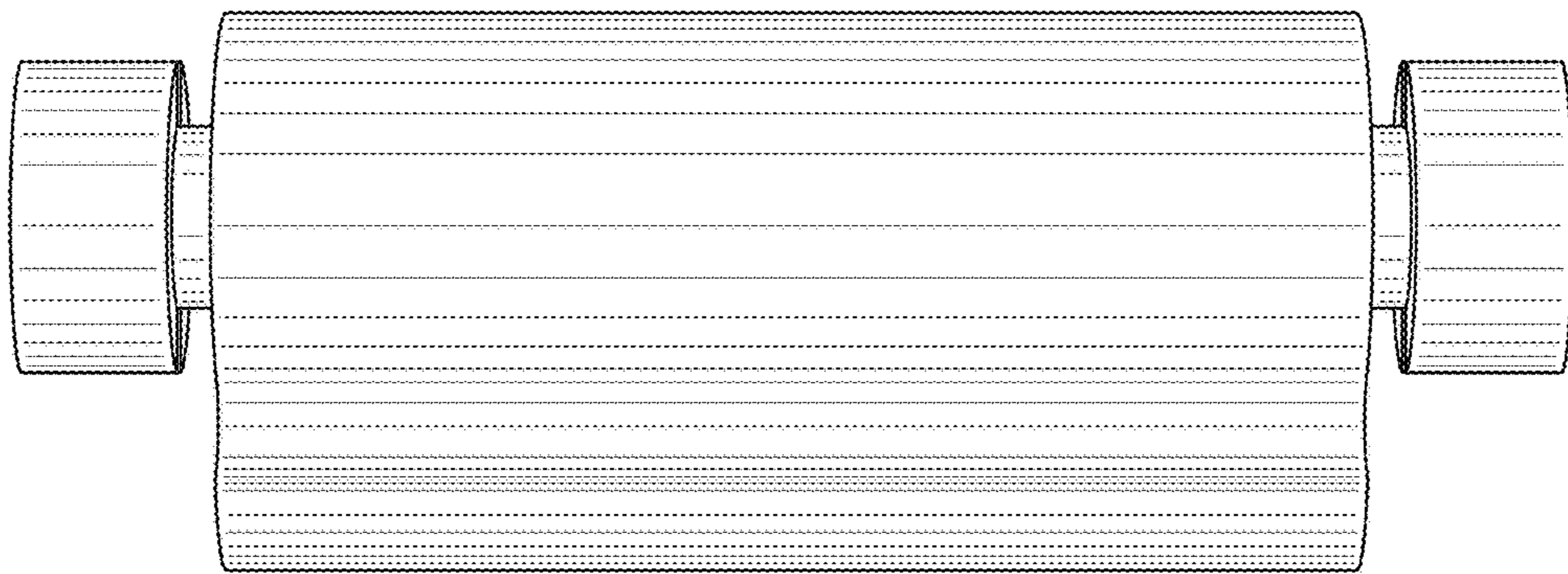


FIG. 3

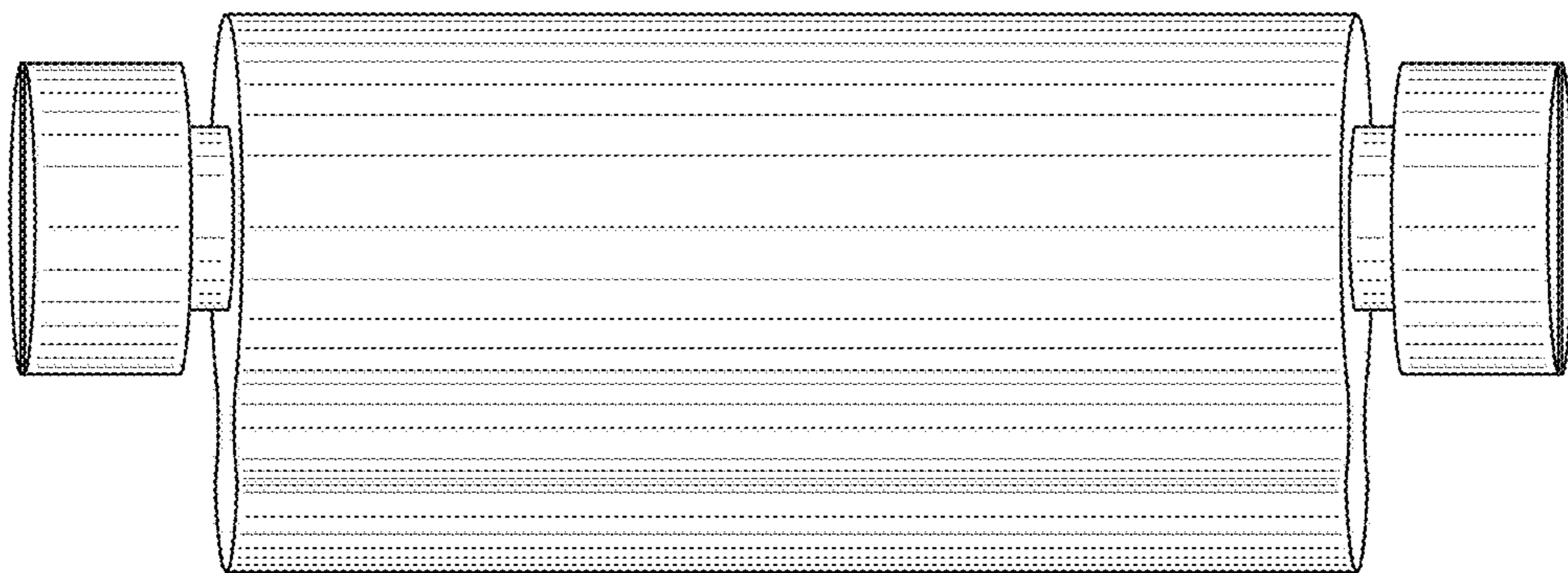


FIG. 4

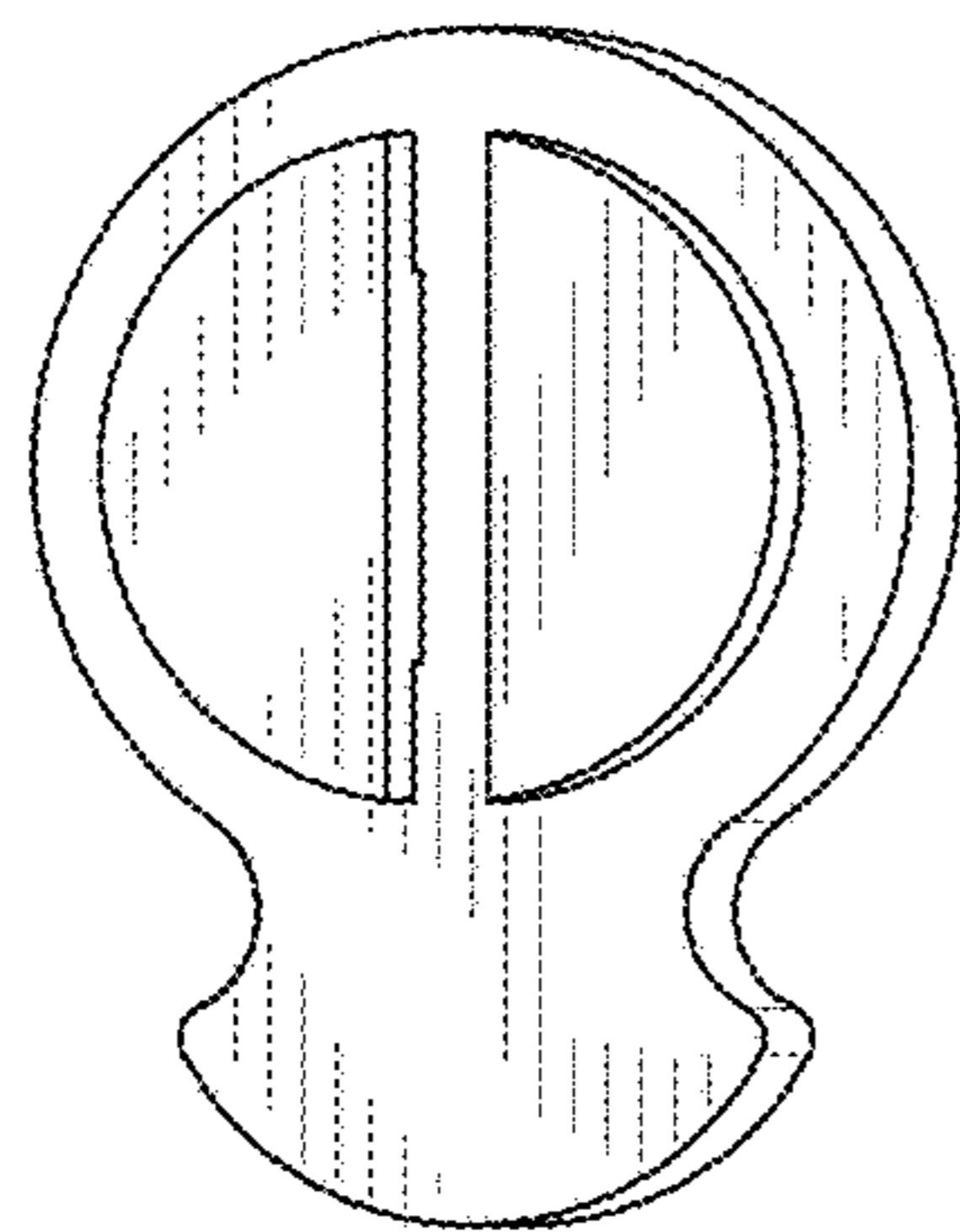


FIG. 5

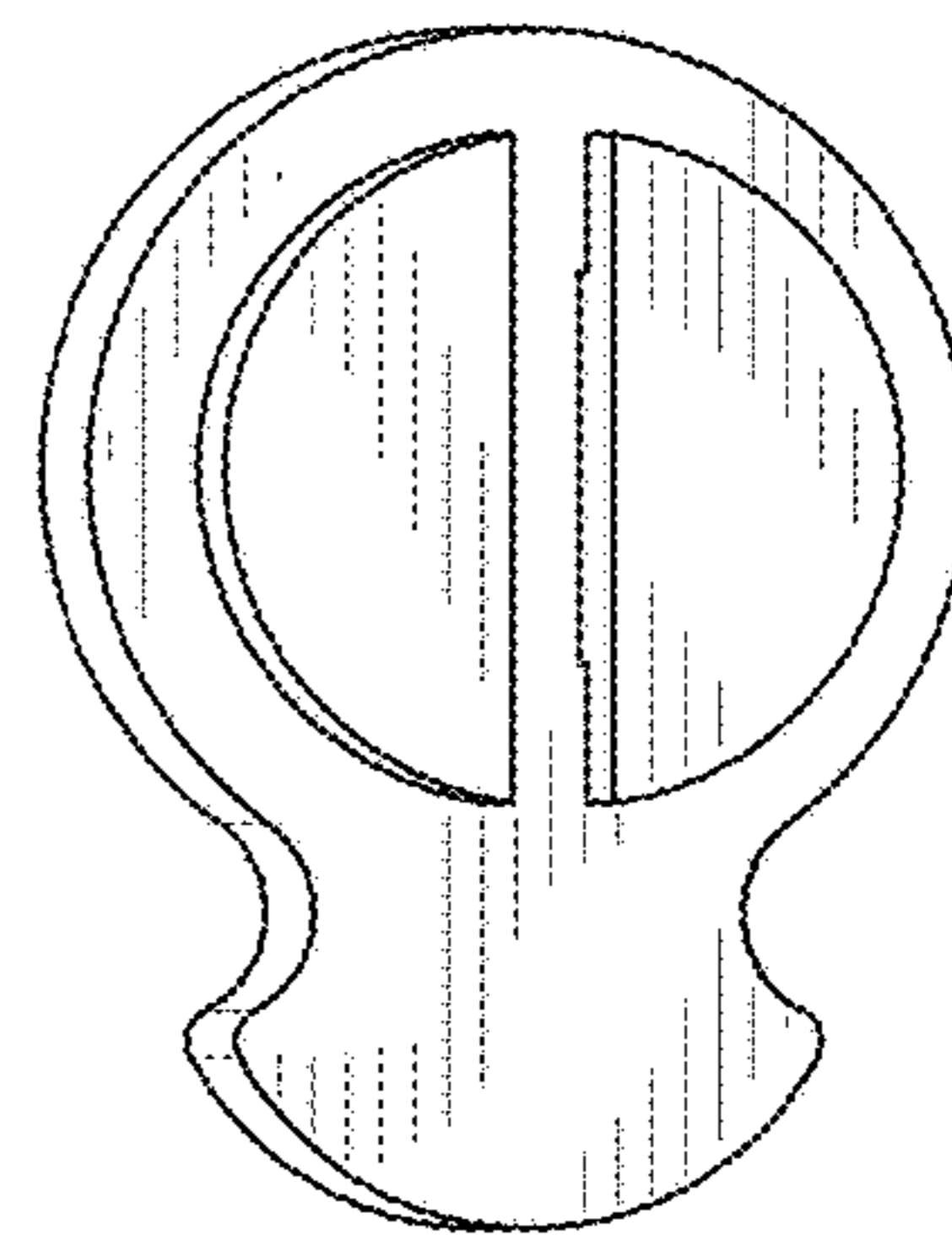


FIG. 6

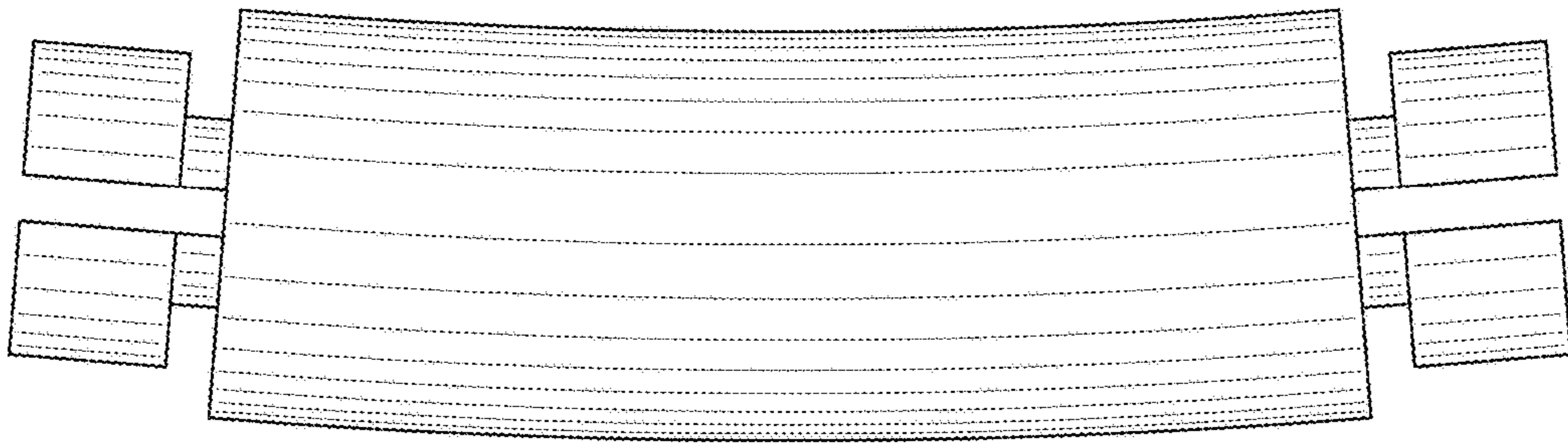


FIG. 7

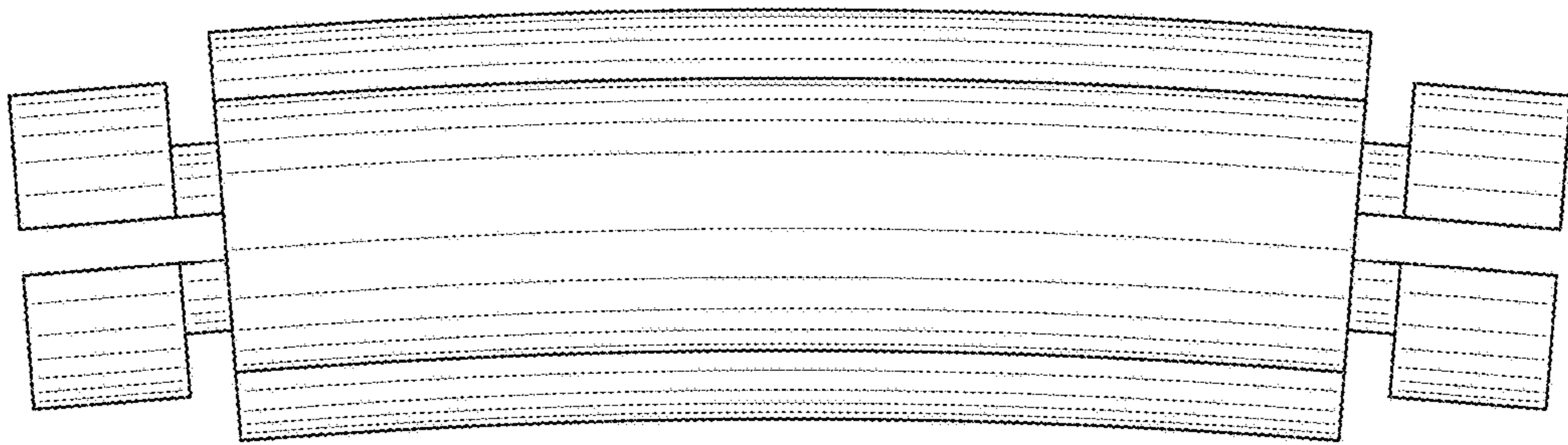


FIG. 8

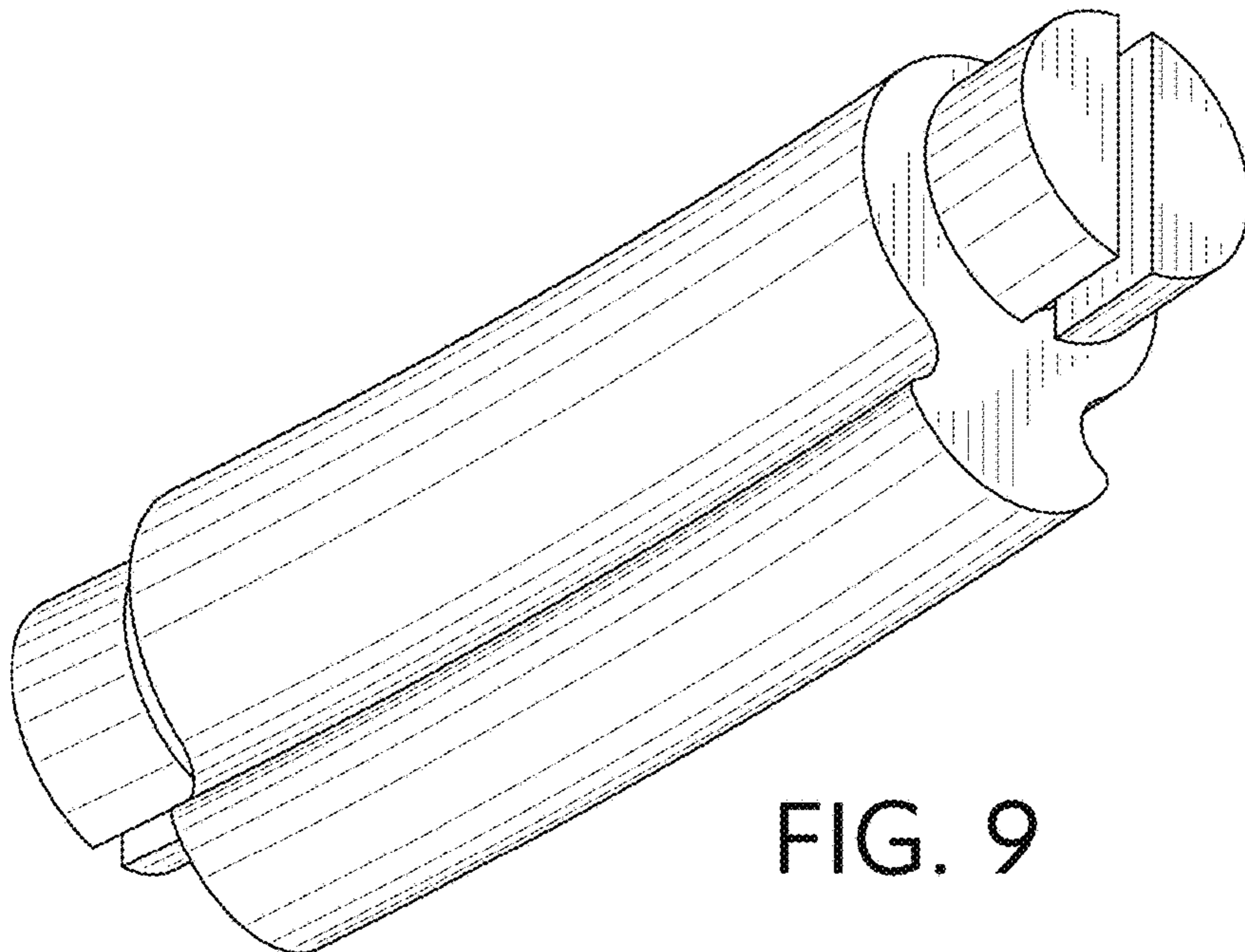


FIG. 9