



US00D889948S

(12) **United States Design Patent** (10) **Patent No.:** **US D889,948 S**
Dill (45) **Date of Patent:** **** Jul. 14, 2020**

(54) **ANCHOR ASSEMBLY SLEEVE**
(71) Applicant: **Illinois Tool Works Inc.**, Glenview, IL (US)
(72) Inventor: **Michael Dill**, Elk Grove Village, IL (US)
(73) Assignee: **ILLINOIS TOOL WORKS INC.**, Glenview, IL (US)

Primary Examiner — Mark A Goodwin
(74) *Attorney, Agent, or Firm* — Neal, Gerber & Eisenberg LLP

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

(57) **CLAIM**

An ornamental design for an anchor assembly sleeve, as shown and described.

(21) Appl. No.: **29/676,241**

(22) Filed: **Jan. 9, 2019**

(51) **LOC (12) Cl.** **08-08**

(52) **U.S. Cl.**
USPC **D8/385**

(58) **Field of Classification Search**
USPC D15/21, 138, 139, 140; D8/385, 384, D8/387, 388, 394, 396, 382, 356, 363, D8/373, 380; D25/133, 136, 199
(Continued)

DESCRIPTION

This application is related to the following commonly owned co-pending patent applications: U.S. application Ser. No. 16/243,541, entitled "Self-Drilling Anchor Assembly"; U.S. application Ser. No. 29/676,208, entitled "Anchor Assembly Drill Bit"; U.S. application Ser. No. 29/676,214, entitled "Anchor Assembly Drill Bit"; U.S. application Ser. No. 29/676,217, entitled "Anchor Assembly Drill Bit"; U.S. application Ser. No. 29/676,225, entitled "Anchor Assembly Drill Bit"; U.S. application Ser. No. 29/676,229, entitled "Anchor Assembly Drill Bit"; U.S. application Ser. No. 29/676,243, entitled "Anchor Assembly Sleeve"; and U.S. application Ser. No. 29/676,246, entitled "Anchor Assembly Sleeve".

(56) **References Cited**

U.S. PATENT DOCUMENTS

2,034,494 A 3/1936 Stoll
2,914,983 A 12/1959 Kopf et al.
(Continued)

FIG. 1 is a top perspective view of an anchor assembly sleeve of my new design.

FIG. 2 is a top view of the anchor assembly sleeve of FIG. 1, the bottom view being a mirror image thereof.

FIG. 3 is a first side view of the anchor assembly sleeve of FIG. 1, the opposite second side view being a mirror image thereof.

FOREIGN PATENT DOCUMENTS

AU 2005204302 4/2006
DE 37 39 371 6/1989
(Continued)

FIG. 4 is a front end view of the anchor assembly sleeve of FIG. 1; and,

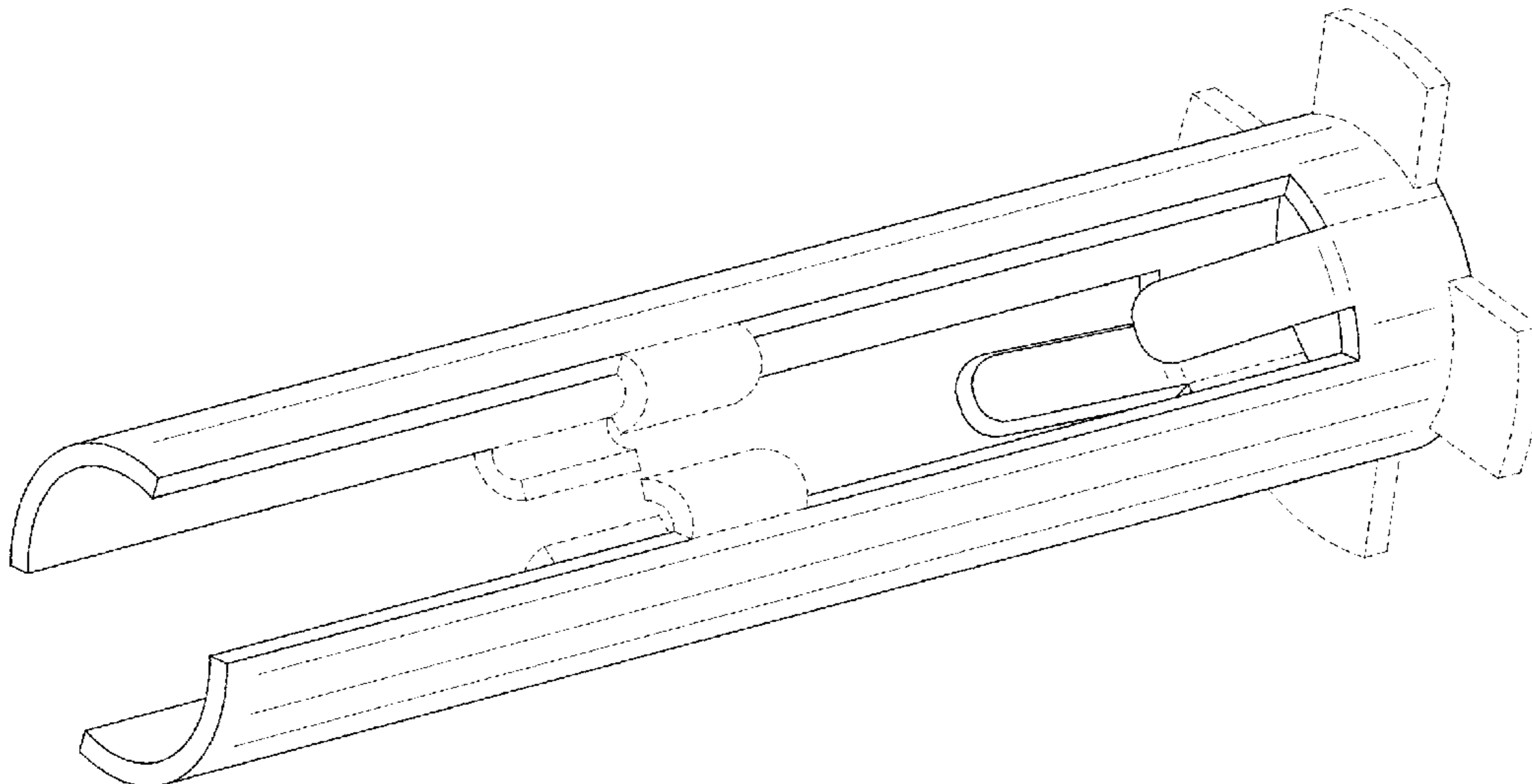
FIG. 5 is a rear end view of the anchor assembly sleeve of FIG. 1.

OTHER PUBLICATIONS

International Search Report and Written Opinion from International Application No. PCT/US2019/013035, dated Mar. 22, 2019 (19 pages).

The broken line showing of various surface features is included for the purpose of illustrating portions of the anchor assembly sleeve and forms no part of the claimed design.

1 Claim, 3 Drawing Sheets



(58) **Field of Classification Search**
 CPC F16B 13/004; F16B 13/003; F16B 13/065;
 F16B 13/0858; F16B 13/0669; F16B
 13/02; F16B 13/06; F16B 13/063
 See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,316,796	A	5/1967	Young	
4,026,186	A	5/1977	Williams, Jr. et al.	
4,173,918	A	11/1979	Piersall	
D283,302	S *	4/1986	Beton	D8/385
D285,171	S *	8/1986	Russell	D8/396
4,883,395	A	11/1989	Klaric	
D322,555	S *	12/1991	Kokenge	108/152
5,183,357	A	2/1993	Palm	
5,246,323	A	9/1993	Vernet et al.	
5,816,759	A	10/1998	Ernst et al.	
5,820,321	A	10/1998	Gruber	
D413,126	S *	8/1999	Warren	D15/139
D420,013	S *	2/2000	Warren	D15/139
6,056,489	A *	5/2000	Keller	F16B 13/0858 411/21
6,065,918	A	5/2000	Adams	
6,164,884	A	12/2000	Mayr	
6,254,325	B1 *	7/2001	Kun	F16B 19/1045 411/38
6,270,303	B1	8/2001	Gauthier et al.	
6,325,580	B1	12/2001	Diamond	
6,712,544	B2	3/2004	Krüger et al.	
6,827,535	B2	12/2004	Fuchs et al.	
6,829,871	B1	12/2004	McSherry et al.	
6,935,821	B2	8/2005	Bodin et al.	
6,942,439	B2	9/2005	Rouger	
D548,579	S *	8/2007	Gaudron	F16B 13/065 D8/385
7,261,505	B2	8/2007	Ernst et al.	
7,357,613	B2	4/2008	Houck et al.	
D605,499	S *	12/2009	Gaudron	D8/349
D610,900	S *	3/2010	Piermayr	D8/394
7,713,010	B2	5/2010	Cheng	
7,744,320	B2	6/2010	Kobetsky et al.	
D628,056	S *	11/2010	Busch	D8/385
D630,937	S *	1/2011	Busch	D8/385
7,896,594	B2	3/2011	Nardi et al.	
7,901,170	B2	3/2011	Usui	
D647,540	S *	10/2011	Drenth	D15/21
D663,195	S *	7/2012	Bohnet	D8/387
D663,196	S *	7/2012	Bohnet	D8/387
D663,197	S *	7/2012	Bohnet	D8/387
D663,613	S *	7/2012	Bohnet	D8/387
8,444,355	B2	5/2013	Gaudron et al.	
8,491,244	B2	7/2013	Kobetsky et al.	

8,678,730	B2	3/2014	Gaudron et al.	
9,255,594	B2	2/2016	Cabrit et al.	
9,512,868	B2	12/2016	Stempniewski et al.	
9,541,116	B2	1/2017	Cabaj et al.	
9,562,558	B2	2/2017	Anasis et al.	
9,581,185	B2	2/2017	Anasis et al.	
D804,940	S *	12/2017	Spampatti	D8/385
9,856,897	B2	1/2018	Schaeffer	
D814,282	S *	4/2018	Baiz	D8/387
9,970,465	B2	5/2018	Gstach et al.	
9,970,467	B2	5/2018	Dijkhuis et al.	
D820,327	S *	6/2018	VanLue	E21B 33/128 D15/21
10,018,213	B2	7/2018	Gstach et al.	
10,190,617	B2	1/2019	Anasis et al.	
D848,619	S *	5/2019	Liptak	D24/155
2002/0106256	A1 *	8/2002	Kaibach	F16B 13/0858 411/60.1
2003/0026673	A1	2/2003	Filipp	
2003/0063959	A1 *	4/2003	Kao	F16B 13/066 411/60.2
2004/0096288	A1	5/2004	Haug et al.	
2004/0136802	A1 *	7/2004	Lin	F16B 13/0858 411/57.1
2004/0223832	A1	11/2004	Aasgaard	
2006/0133908	A1	6/2006	Kunz et al.	
2006/0165505	A1	7/2006	Aasgaard	
2007/0224015	A1	9/2007	Ayrle	
2010/0111639	A1	5/2010	Gaudron	
2010/0143067	A1 *	6/2010	Gaudron	C21D 1/25 411/354
2011/0081217	A1	4/2011	Wissling et al.	
2012/0128444	A1	5/2012	Podesser et al.	
2012/0263553	A1	10/2012	Greenfield	
2012/0311947	A1 *	12/2012	Van Wissen	F16B 13/066 52/250
2014/0010613	A1	1/2014	Gaudron et al.	
2014/0072384	A1	3/2014	Wissling	
2014/0154025	A1 *	6/2014	Bergez	F16B 13/065 411/44
2016/0097416	A1 *	4/2016	Cabaj	F16B 29/00 411/71
2017/0167517	A1	6/2017	Wissling	
2020/0063557	A1 *	2/2020	Pastorino	E21D 21/0033

FOREIGN PATENT DOCUMENTS

EP	1 072 802	1/2001
EP	2 567 107	3/2013
GB	2 254 392	10/1992
JP	2000 230520	8/2000
WO	WO 97/49929	12/1997
WO	WO 2007/104094	9/2007
WO	WO 2008/041836	4/2008

* cited by examiner

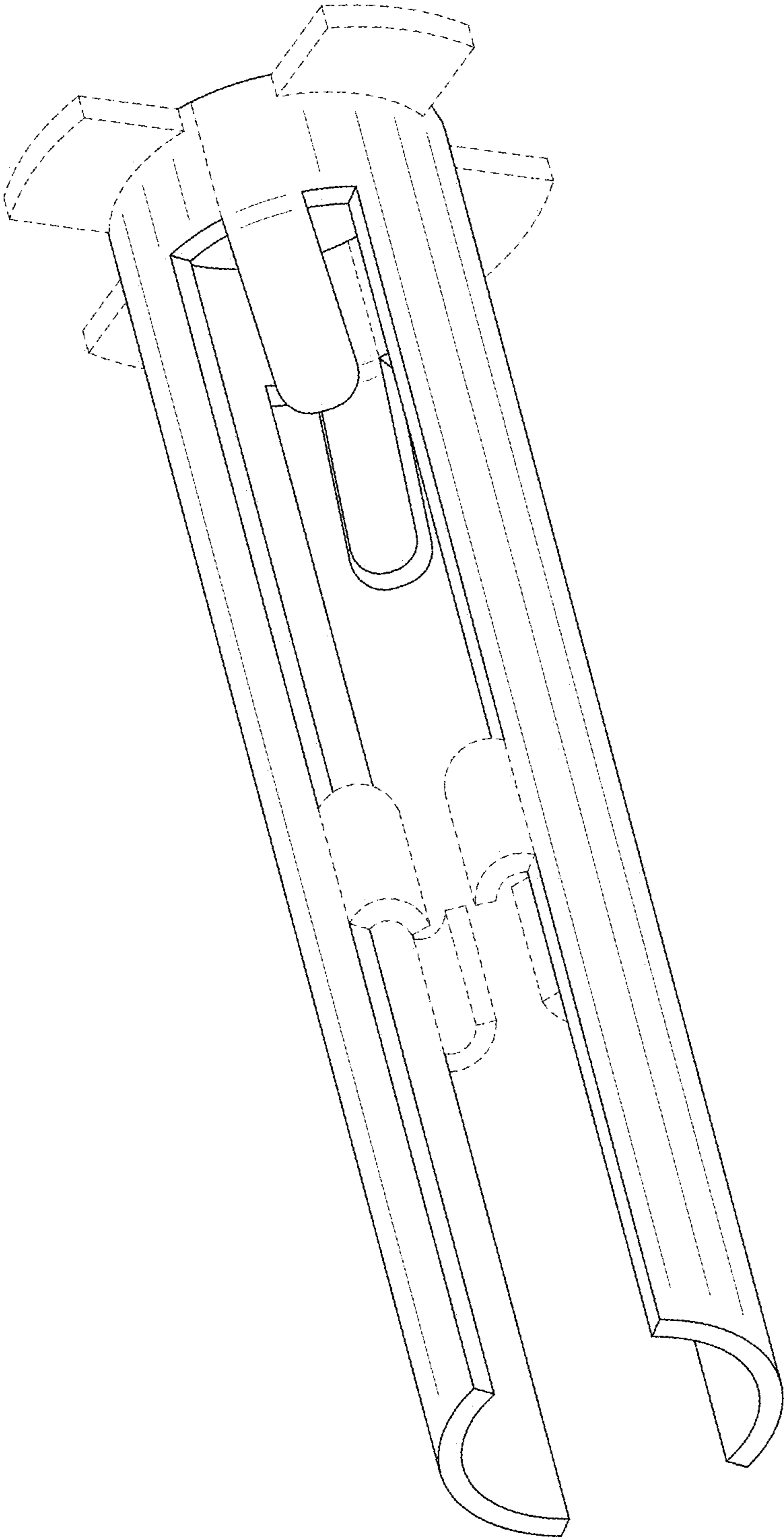


FIG. 1

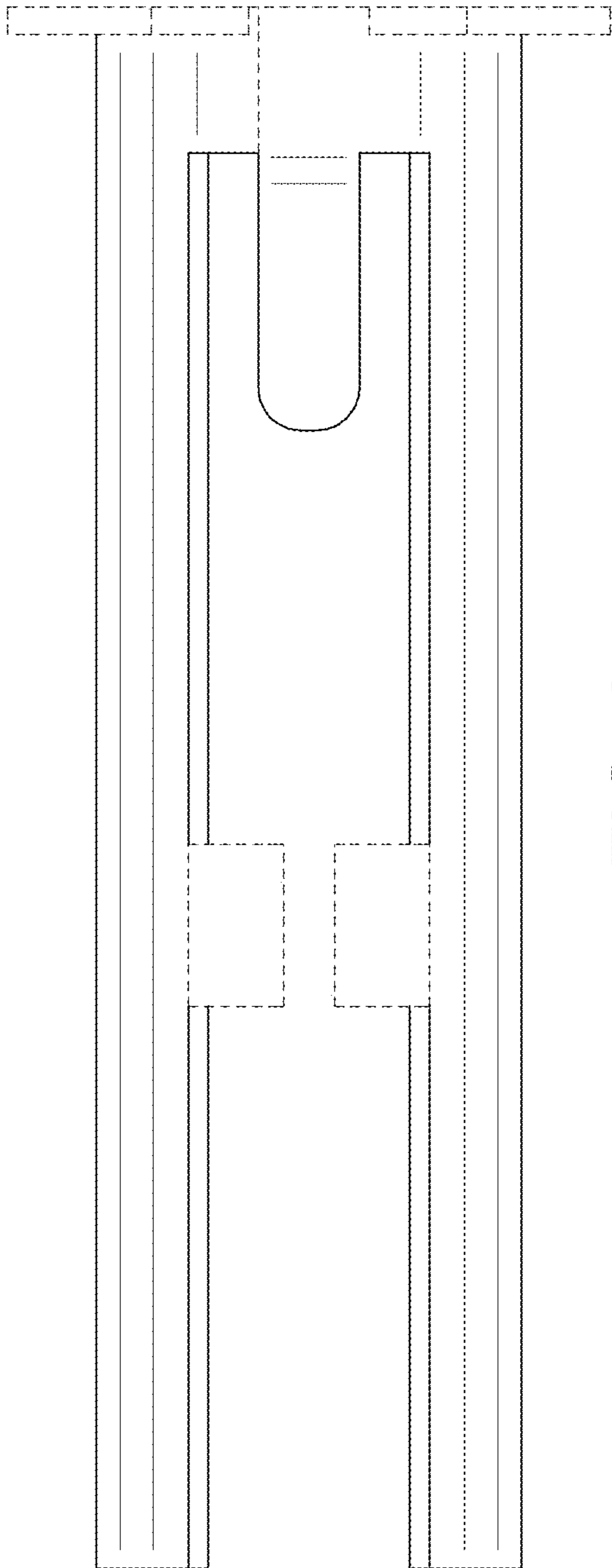


FIG. 2

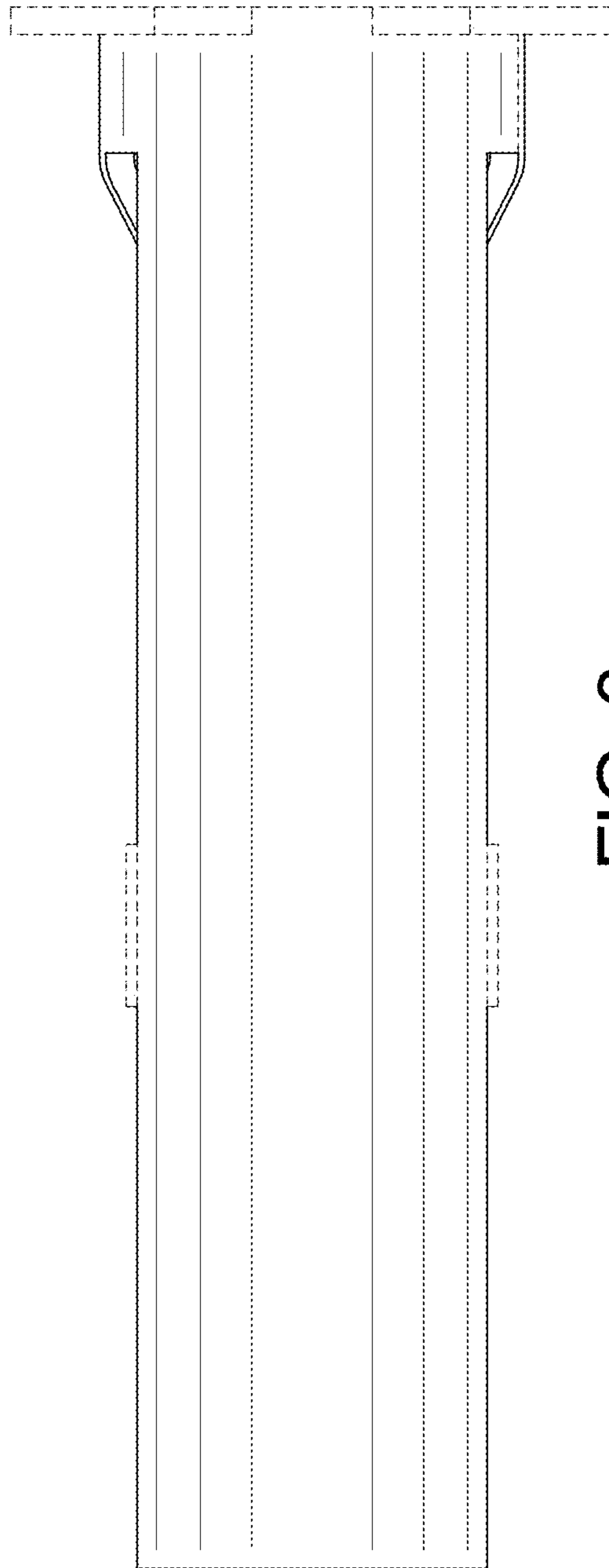


FIG. 3

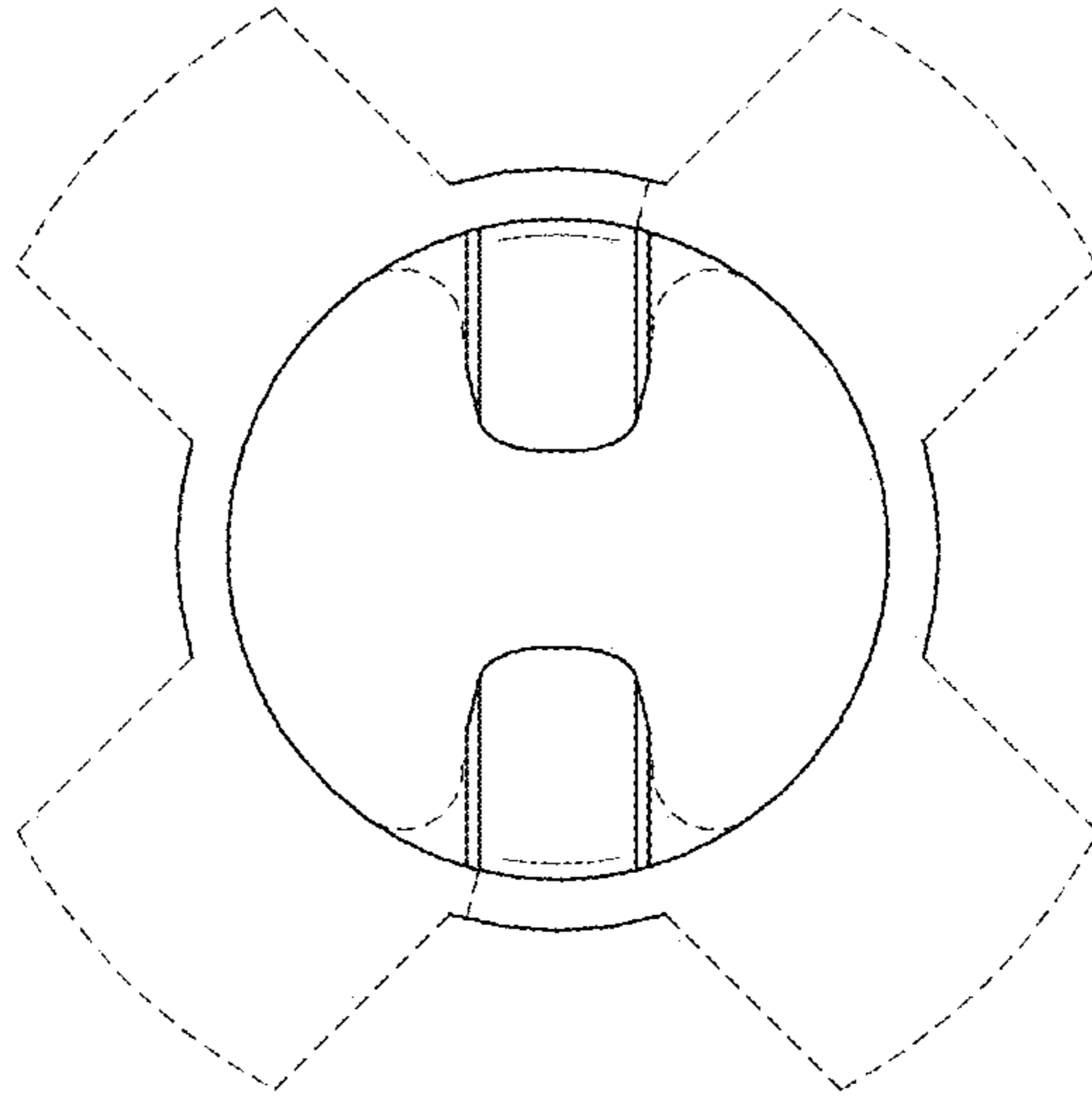


FIG. 5

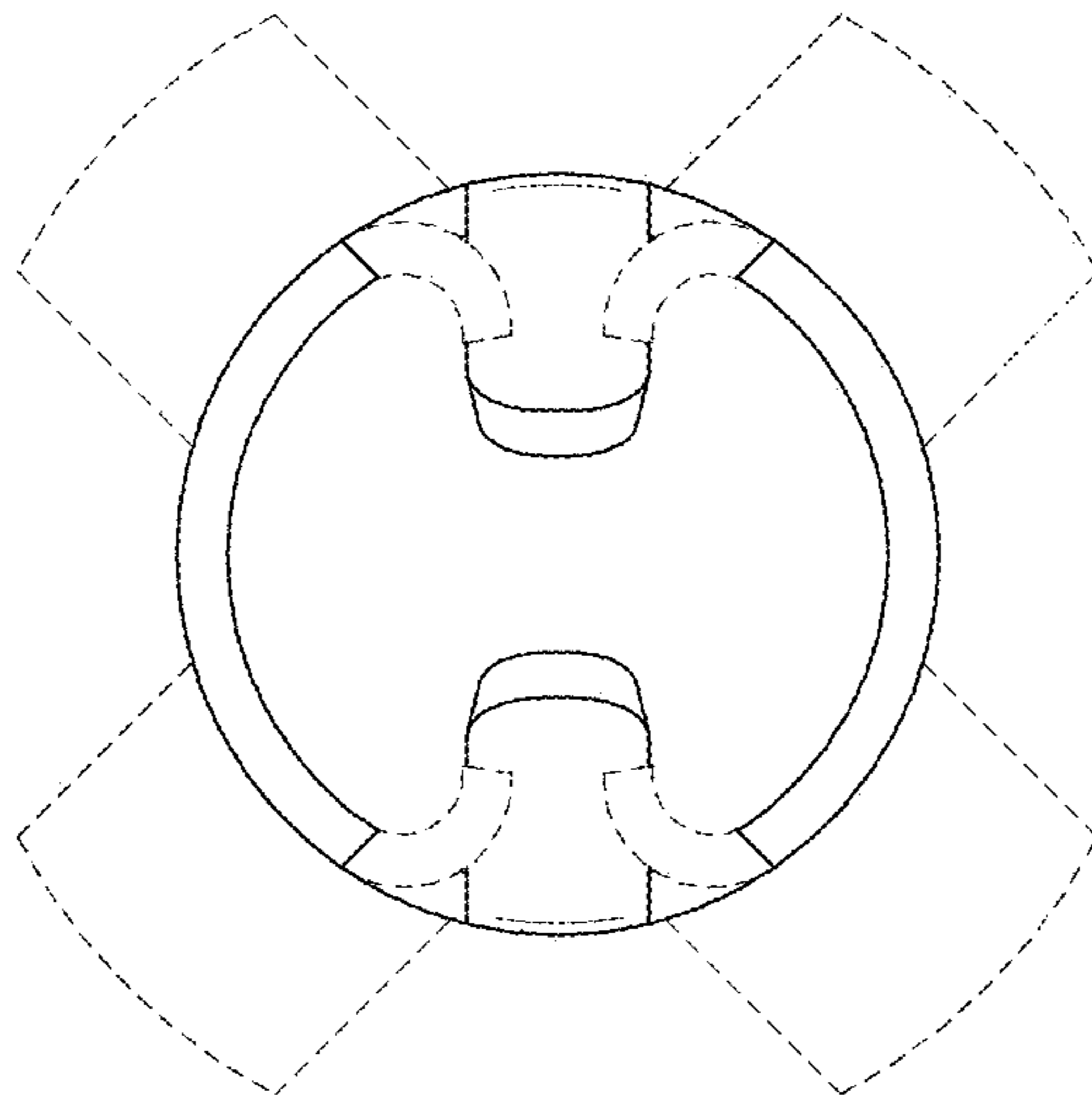


FIG. 4