



US00D803673S

(12) **United States Design Patent** (10) **Patent No.:** **US D803,673 S**
Espinosa et al. (45) **Date of Patent:** **** Nov. 28, 2017**

(54) **T-CONNECTOR FOR A CLOSET STORAGE ASSEMBLY**

(71) Applicant: **Clairson, Inc.**, Newark, DE (US)
 (72) Inventors: **Edward S. Espinosa Espinosa**, Ocala, FL (US); **Stephen E. Watkins**, Morrison, FL (US); **Ernie Torres**, Gainesville, FL (US); **Emily C. Burgoyne**, Ocala, FL (US)

(73) Assignee: **Clairson, Inc.**, Newark, DE (US)

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

(21) Appl. No.: **29/572,857**

(22) Filed: **Aug. 1, 2016**

Related U.S. Application Data

(60) Division of application No. 29/514,430, filed on Jan. 13, 2015, now Pat. No. Des. 762,463, which is a (Continued)

(51) **LOC (10) Cl.** **08-08**

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

(58) **Field of Classification Search**
USPC D8/349, 394, 396, 380, 381, 382, 499; D23/262, 263, 265; D6/328, 702, 553, D6/567, 572; D25/68 (Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

692,529 A 2/1902 Knittle
 833,746 A 10/1906 Lyle
 (Continued)

FOREIGN PATENT DOCUMENTS

EP 2204520 7/2010
 FR 2959921 11/2011
 (Continued)

OTHER PUBLICATIONS

Notice of Allowance dated Oct. 7, 2016, issued in U.S. Appl. No. 14/592,268; which the instant application claims priority to; 16 pgs.

Primary Examiner — Sandra Snapp
Assistant Examiner — Ieisha Price
 (74) *Attorney, Agent, or Firm* — Harness, Dickey & Pierce, P.L.C.

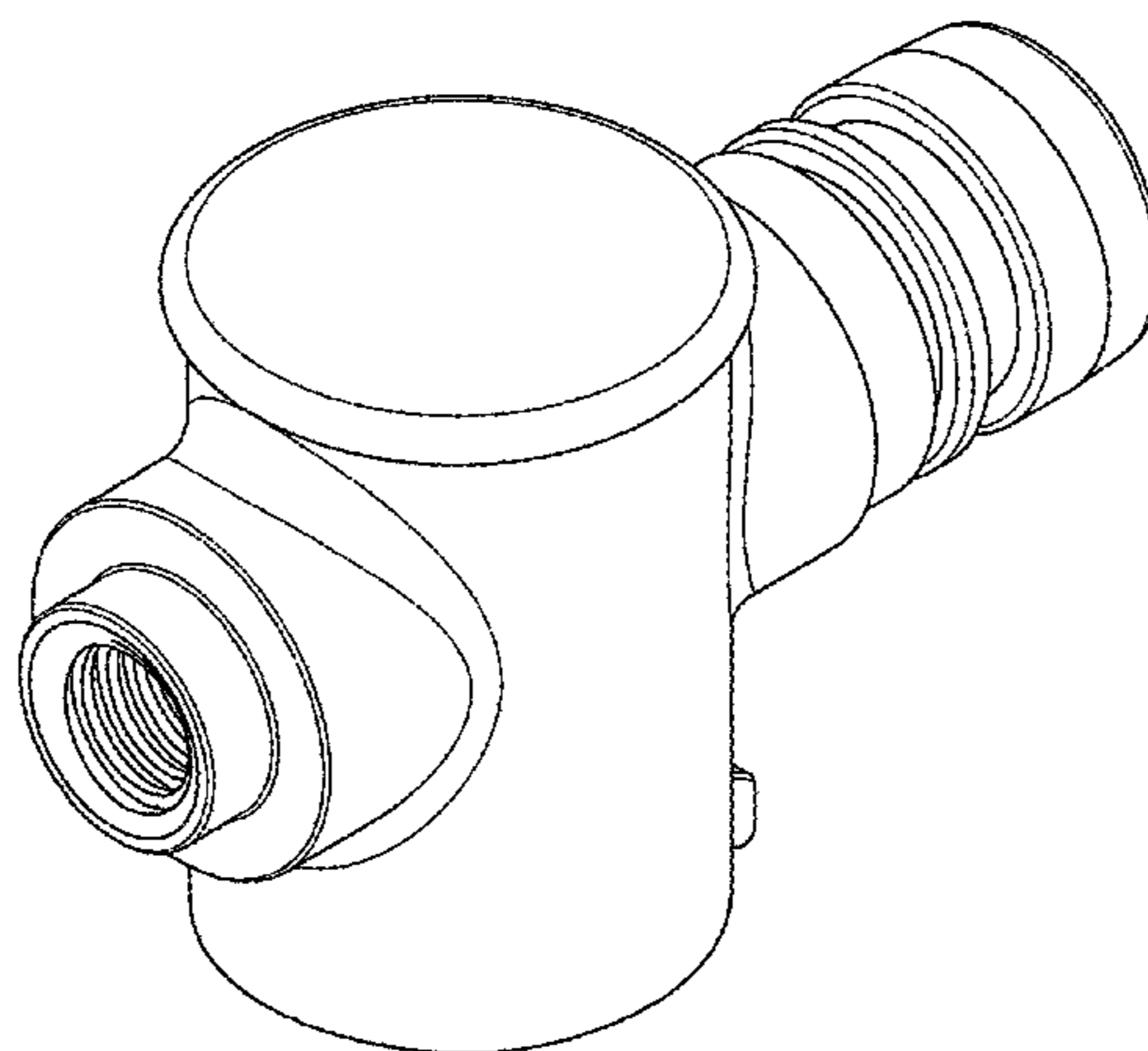
(57) **CLAIM**

The ornamental design for a T-connector for a closet storage assembly, as shown and described.

DESCRIPTION

FIG. 1 is perspective views of a T-connector for a closet storage assembly showing our new design;
 FIG. 2 is a second perspective views of a T-connector for a closet storage assembly showing our new design;
 FIG. 3 is a third perspective views of a T-connector for a closet storage assembly showing our new design;
 FIG. 4 is a forth perspective views of a T-connector for a closet storage assembly showing our new design;
 FIG. 5 is a front view of the T-connector for a closet storage assembly shown in FIG. 1;
 FIG. 6 is a back view of the T-connector for a closet storage assembly shown in FIG. 1;
 FIG. 7 is a right side view of the T-connector for a closet storage assembly shown in FIG. 1;
 FIG. 8 is a left side view of the T-connector for a closet storage assembly shown in FIG. 1;
 FIG. 9 is a top view of the T-connector for a closet storage assembly shown in FIG. 1;
 FIG. 10 is a bottom view of the T-connector for a closet storage assembly shown in FIG. 1;
 FIG. 11 is a perspective view showing the T-connector for closet storage assembly in its environment; and,
 FIG. 12 is a second perspective view showing the T-connector for closet storage assembly in its environment.

(Continued)



The details shown in broken lines in FIGS. 21 and 22 depict environmental subject matter only and form no part of the designs claimed.

1 Claim, 9 Drawing Sheets

Related U.S. Application Data

continuation-in-part of application No. 14/592,268, filed on Jan. 8, 2015, now Pat. No. 9,498,058.

(58) **Field of Classification Search**

CPC A47B 57/54; A47B 57/545; A47B 61/003; A47B 47/0091; A47B 2230/14; A47B 61/00; A47B 96/145; A47B 61/04; A47B 96/14; A47B 96/06; A47B 96/024; F16B 12/40; F16B 2012/406; F16B 7/04; F16B 7/0486; Y10T 403/341

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

986,725	A	3/1911	Kuntzedorf	
1,096,282	A	5/1914	Boehm	
1,347,808	A	7/1920	Franklin	
1,563,186	A *	11/1925	Haller	F16B 7/0486 403/174
1,868,037	A *	7/1932	Weatherhead, Jr. ..	B23P 11/005 235/31 R
1,963,981	A	6/1934	Garrett	
2,460,622	A *	2/1949	Crawley	F16L 41/021 285/125.1
2,839,320	A	6/1958	Hill	
2,998,142	A	8/1961	Reed	
3,021,159	A	2/1962	Back	
3,081,882	A	3/1963	Magnuson	
3,144,946	A	8/1964	Ellis	
3,342,344	A	9/1967	Magnuson	
3,515,319	A	6/1970	Furtak et al.	
D218,204	S	7/1970	Schier et al.	
3,765,634	A	10/1973	Stempel	
3,820,909	A	6/1974	Schindler et al.	
3,853,074	A	12/1974	Madey	
D235,415	S *	6/1975	Martini	D8/323
4,099,815	A	7/1978	Cox et al.	
4,209,099	A	6/1980	Wickes	
D258,003	S *	1/1981	Gallagher	D23/263
D258,077	S *	1/1981	Gallagher	D23/263
D258,078	S *	1/1981	Gallagher	D23/263
D258,983	S *	4/1981	Gallagher	D23/263

4,288,103	A *	9/1981	Gallagher	F16L 43/001 285/179
4,312,551	A *	1/1982	Mascolo	F16L 25/01 174/71 R
4,648,628	A *	3/1987	Meadows	F16L 31/02 285/133.11
4,762,238	A	8/1988	Blanchard	
4,864,795	A	9/1989	Burg	
5,027,962	A	7/1991	Maccarrone	
5,257,794	A	11/1993	Nakamura	
D347,377	S	5/1994	Nakamura et al.	
D355,589	S *	2/1995	Kuwata	D8/382
D355,590	S	2/1995	Kuwata	
5,492,295	A	2/1996	Remmers	
5,503,312	A	4/1996	Kassner	
D371,431	S	7/1996	Streit	
D374,607	S	10/1996	Shoda	
D397,210	S	8/1998	Evans	
D400,428	S *	11/1998	Sabounjian	D8/382
D418,396	S	1/2000	Hirano et al.	
D423,921	S *	5/2000	Richter	D8/396
6,116,437	A *	9/2000	Rowe	F28D 1/04 211/119.008
D454,295	S *	3/2002	Hallgrimsson	D8/380
6,565,279	B1	5/2003	Skovronski et al.	
D480,298	S	10/2003	Skovronski et al.	
D482,956	S	12/2003	Pyron	
D490,505	S *	5/2004	Clivio	D23/262
7,017,299	B1 *	3/2006	Speed	A01G 9/12 47/21.1
7,062,836	B1	6/2006	Sorgi	
D596,581	S *	7/2009	Amidon	D13/133
7,717,475	B2 *	5/2010	Savelle, Jr.	F16L 33/24 285/179
D644,305	S *	8/2011	White	D23/266
D670,750	S *	11/2012	Chien	D16/130
D720,604	S *	1/2015	McGrath	D8/354
D758,833	S *	6/2016	Stites, Jr.	D8/380
D783,390	S *	4/2017	Nelson	D8/349
2004/0101354	A1	5/2004	Nakahori et al.	
2006/0144805	A1 *	7/2006	Wang	A47B 57/04 211/37
2008/0135509	A1	6/2008	Jackson	
2010/0092236	A1	4/2010	Kang	
2012/0087719	A1	4/2012	Rixen et al.	
2012/0223518	A1	9/2012	Yoshino	
2016/0198849	A1 *	7/2016	Espinosa	A47B 61/003 108/29

FOREIGN PATENT DOCUMENTS

JP	5380297	B2	1/2014
WO	WO2004/093603		11/2004
WO	WO2009/057200		5/2009

* cited by examiner

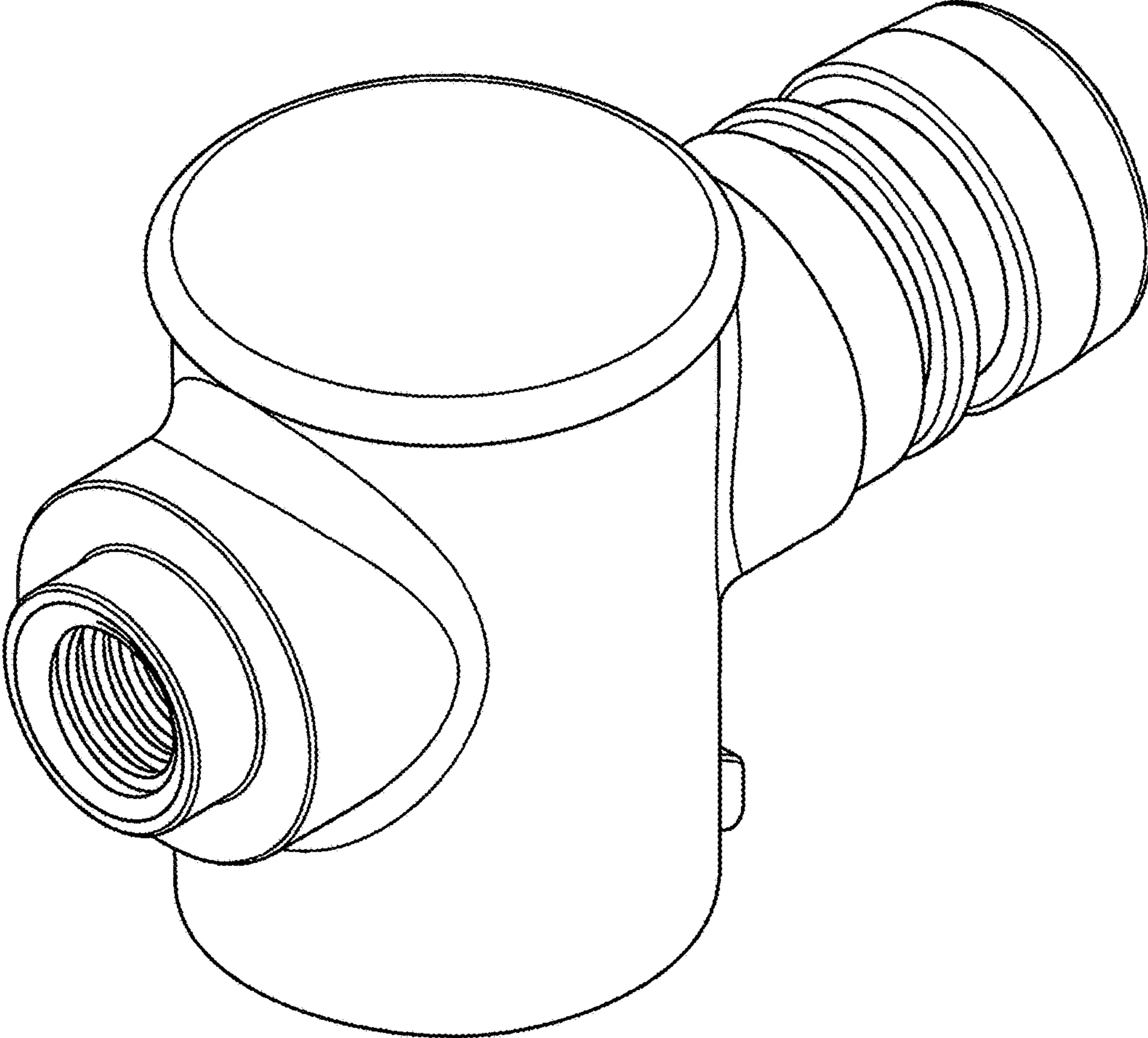


FIG. 1

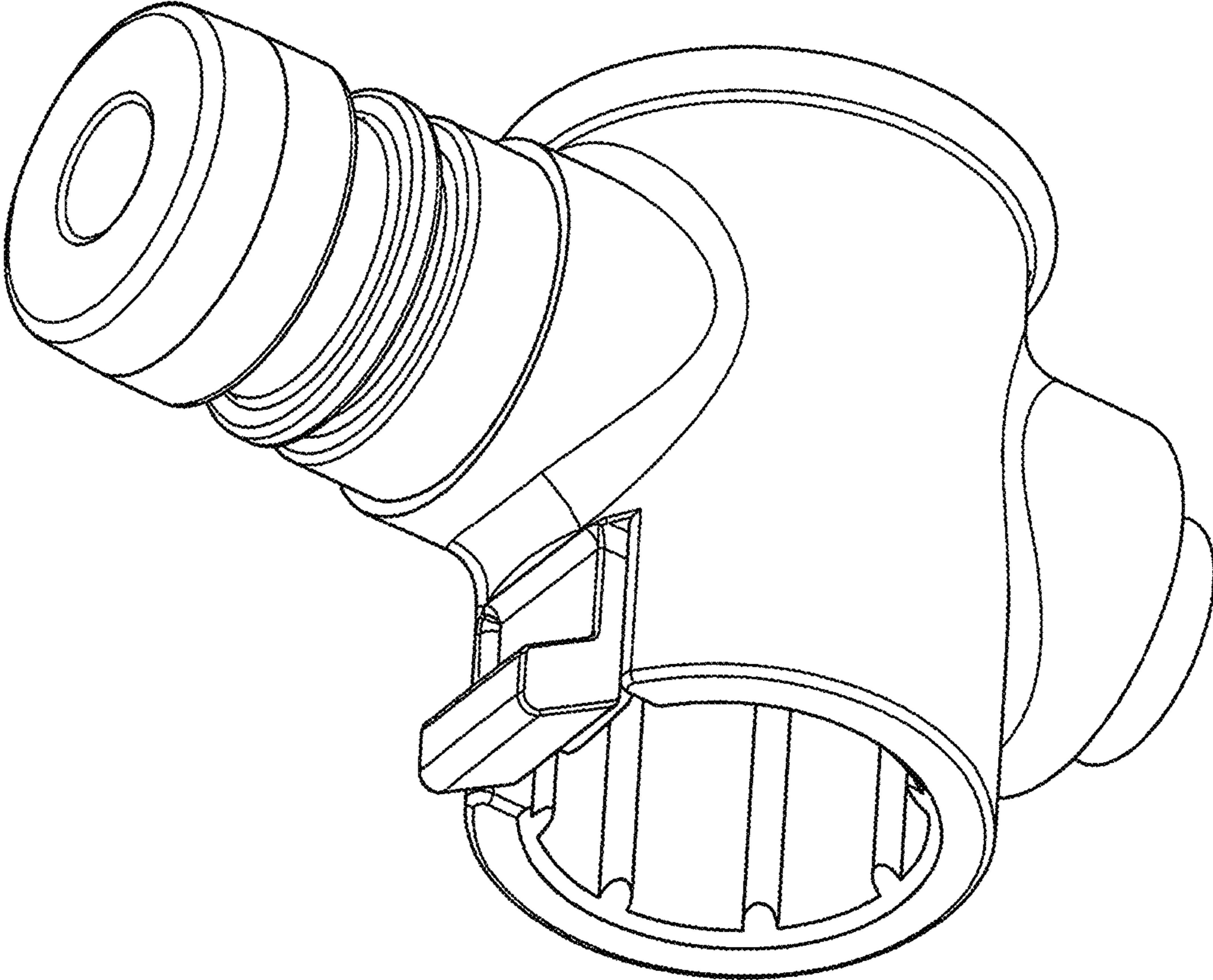


FIG. 2

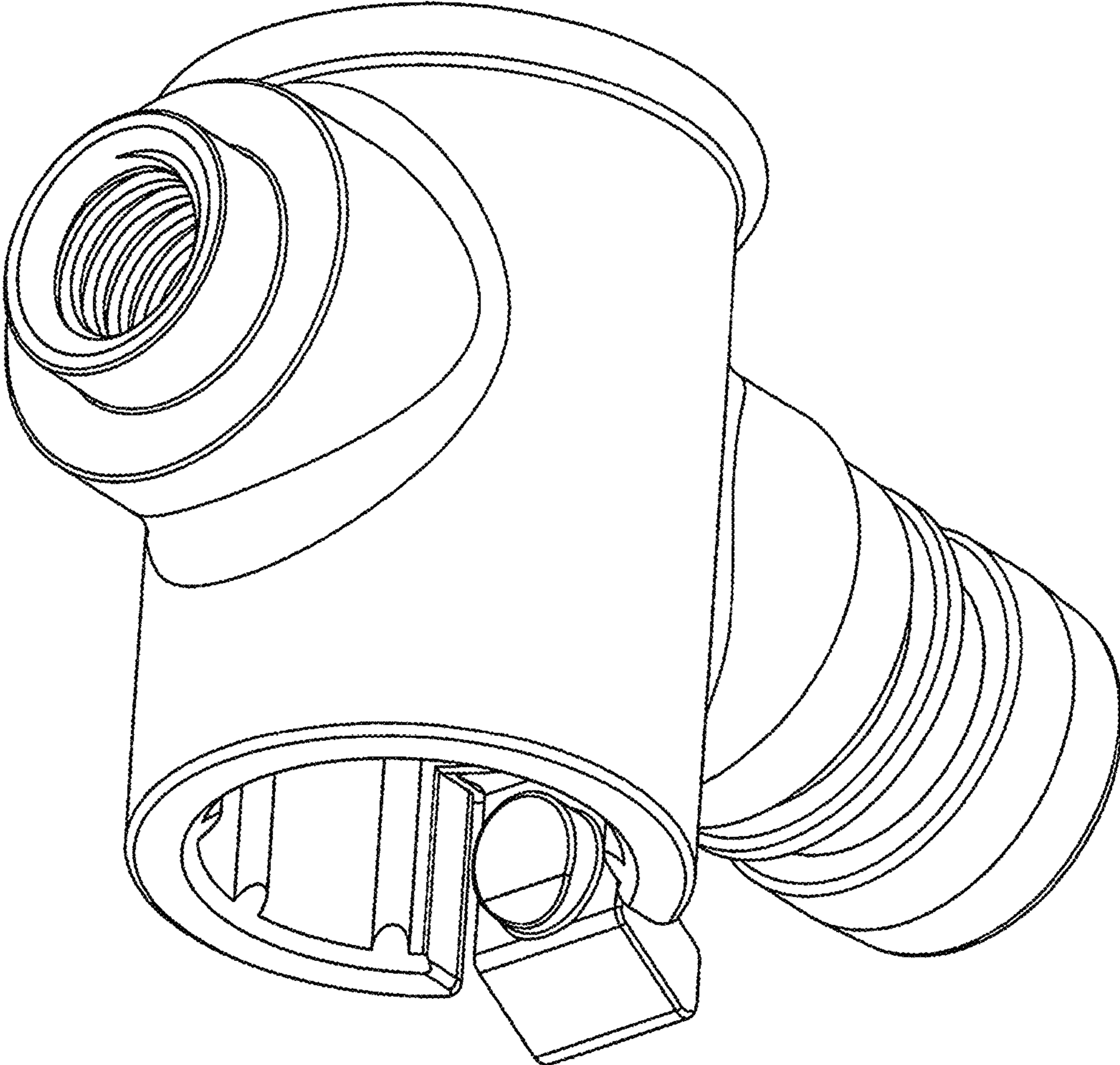


FIG. 3

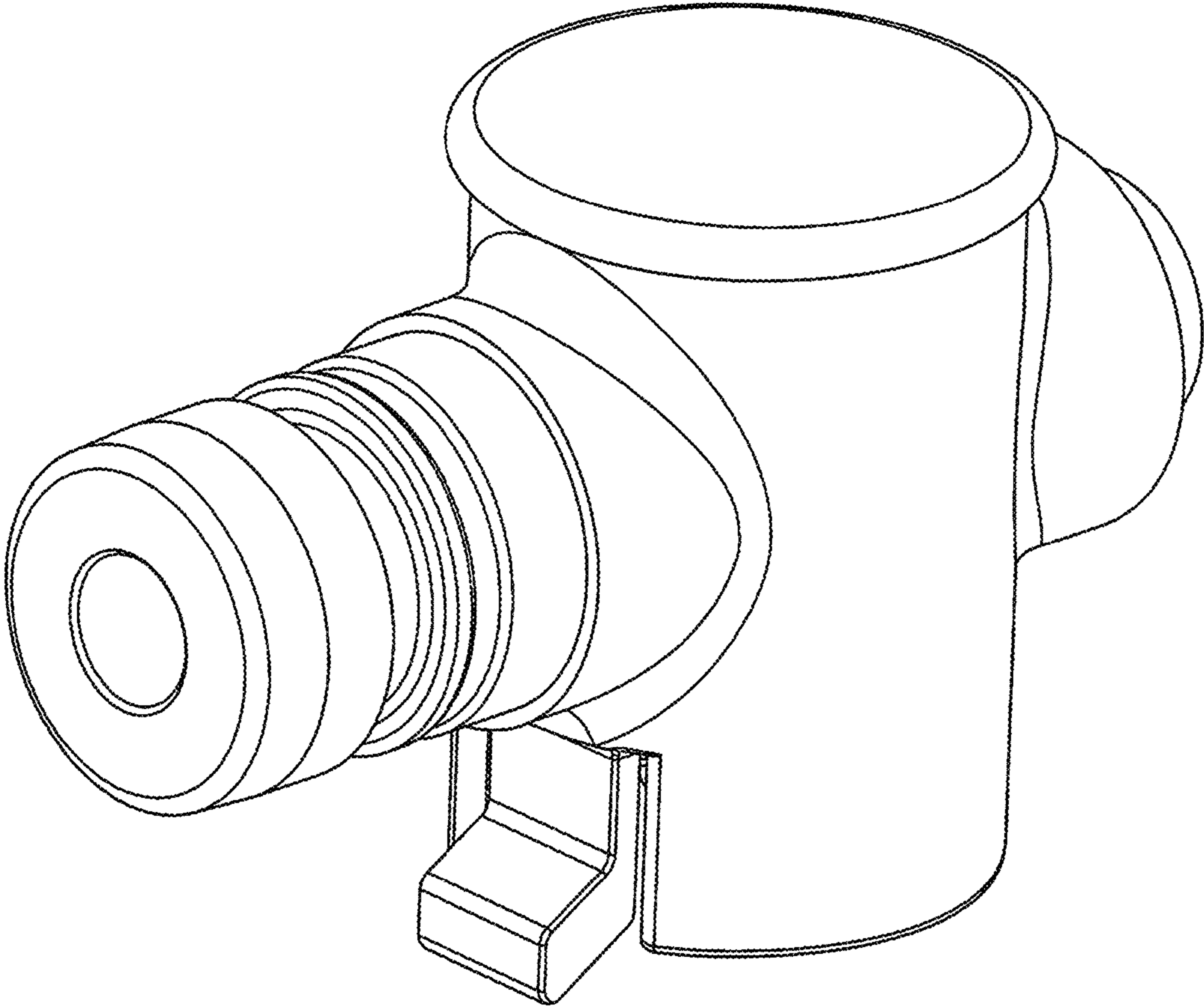


FIG. 4

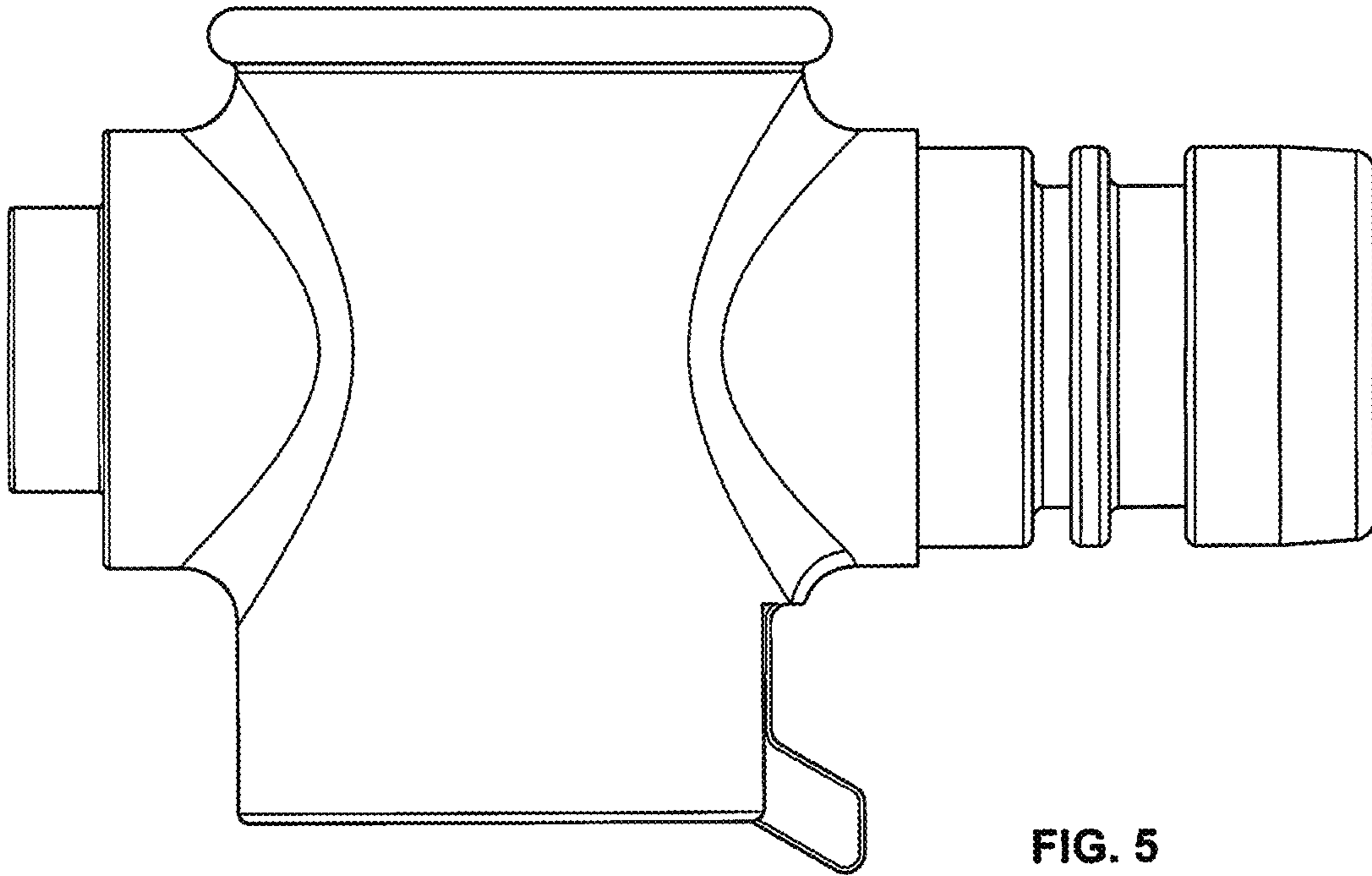


FIG. 5

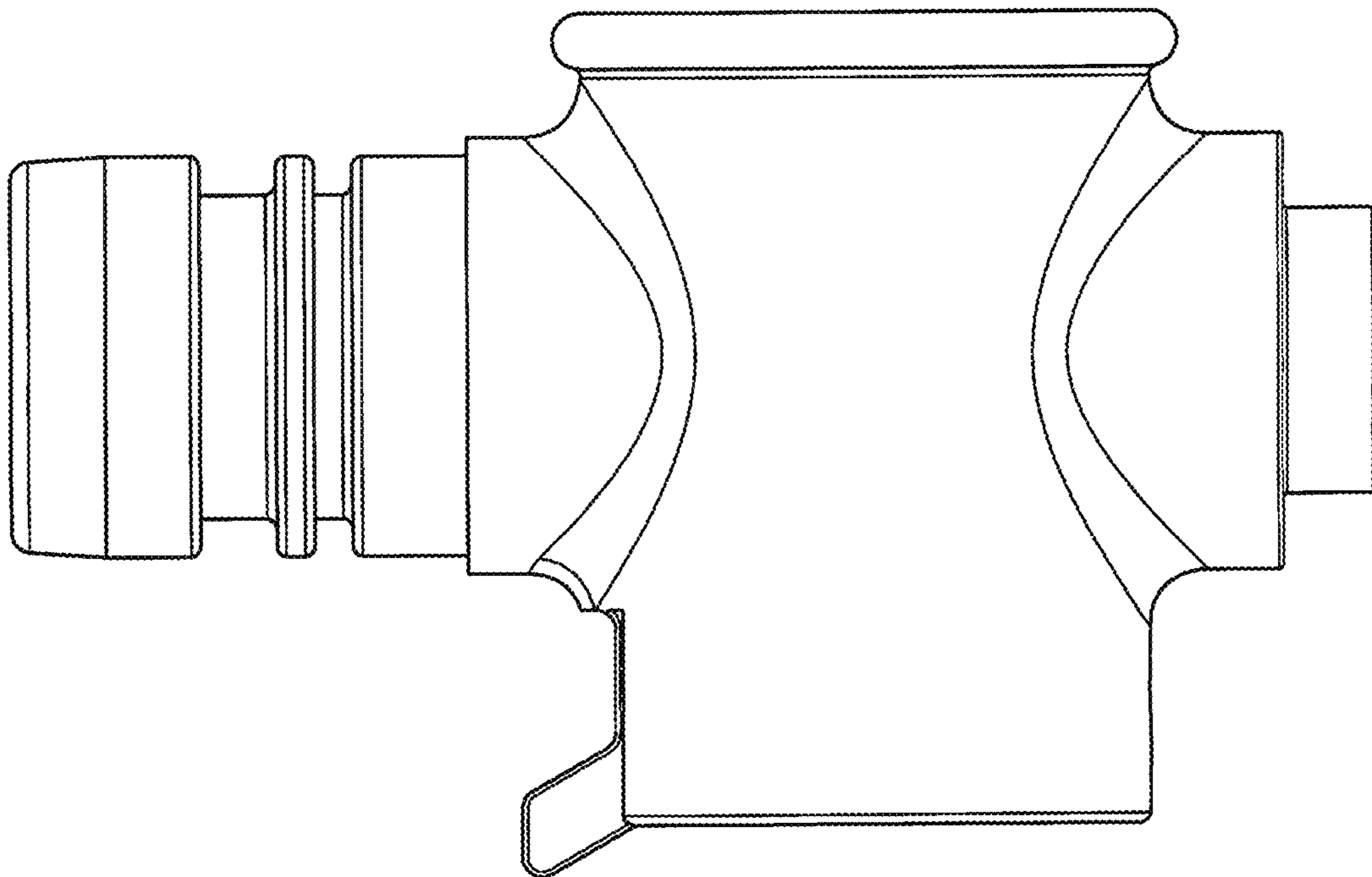


FIG. 6

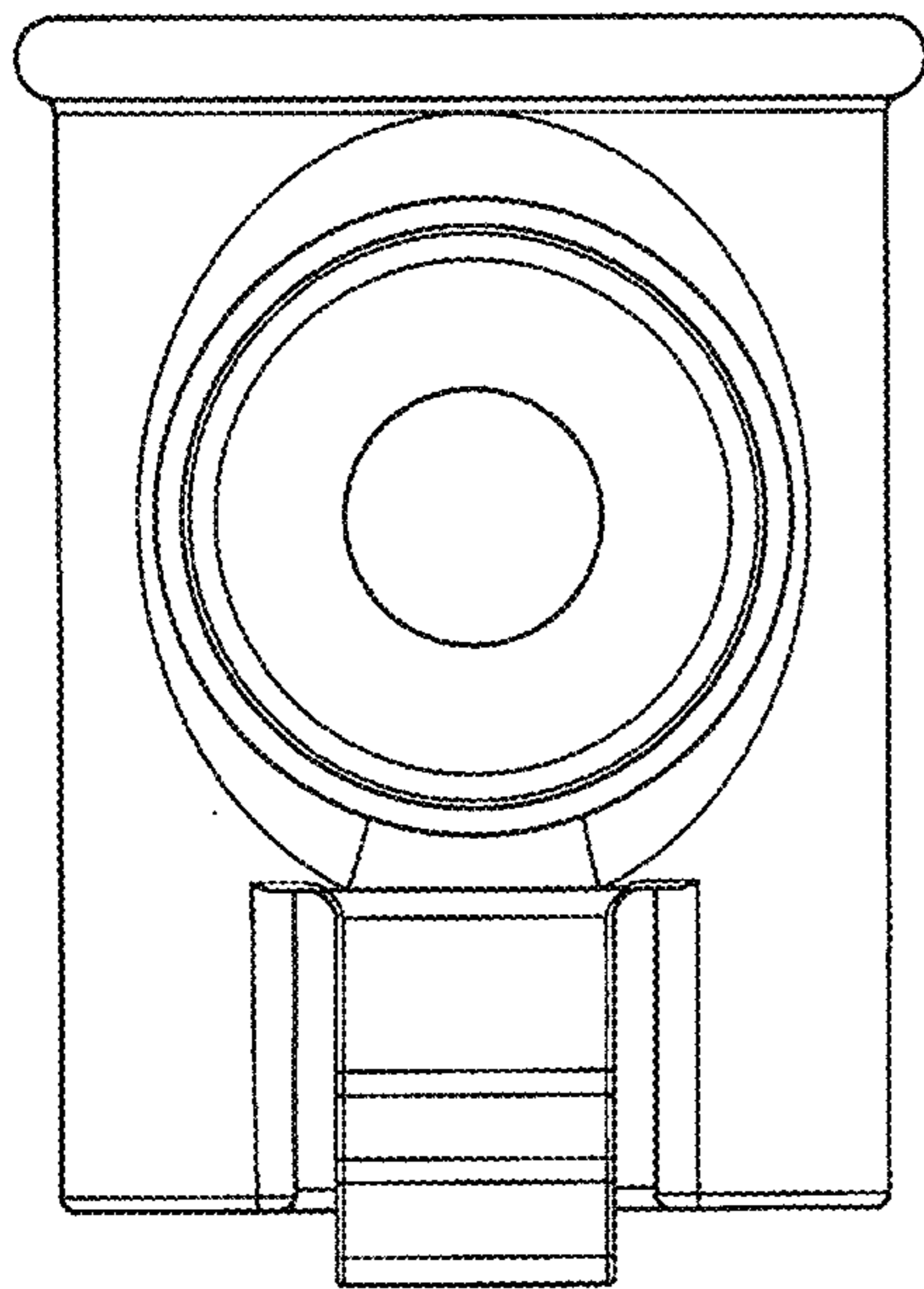


FIG. 7

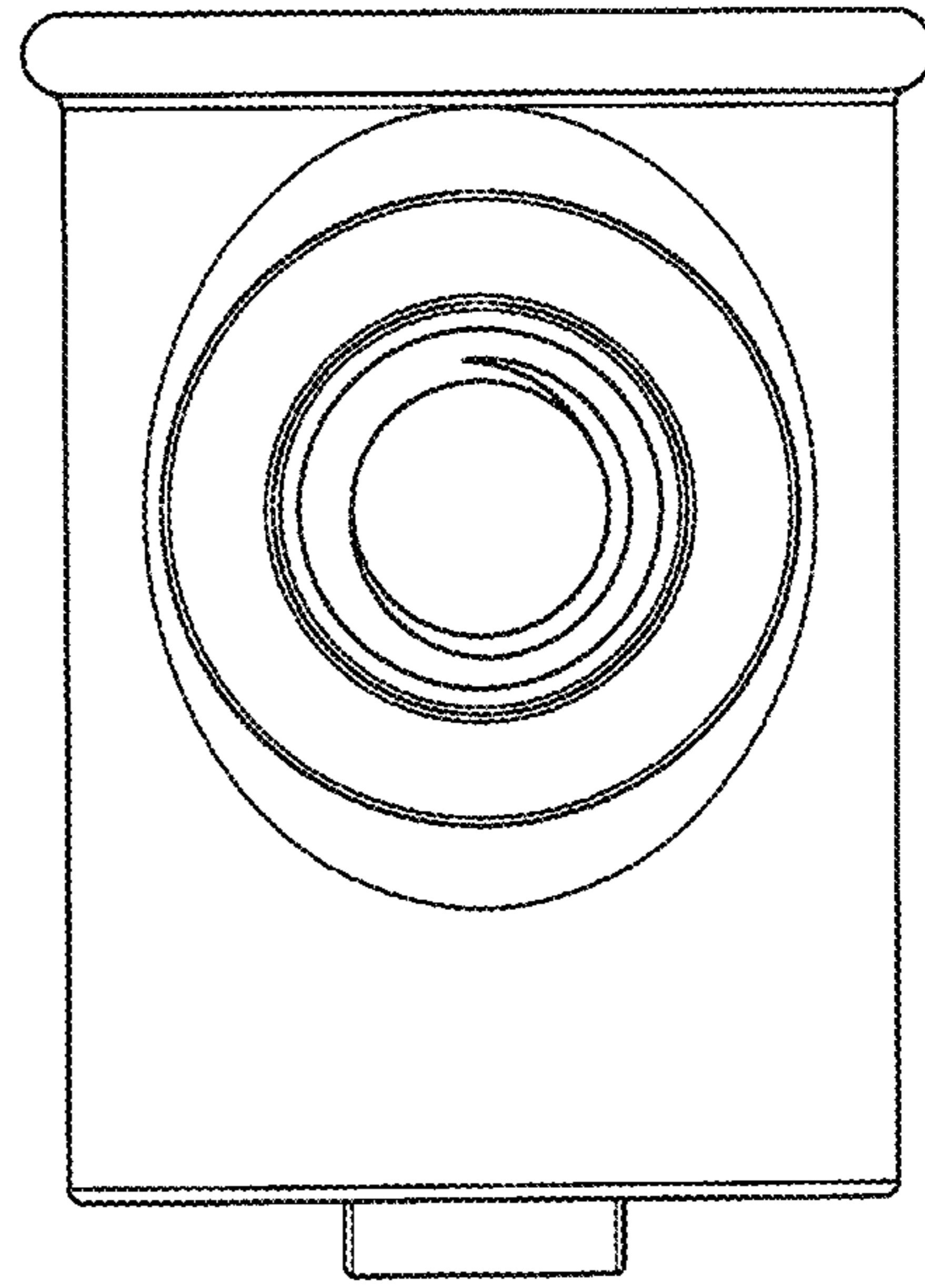


FIG. 8

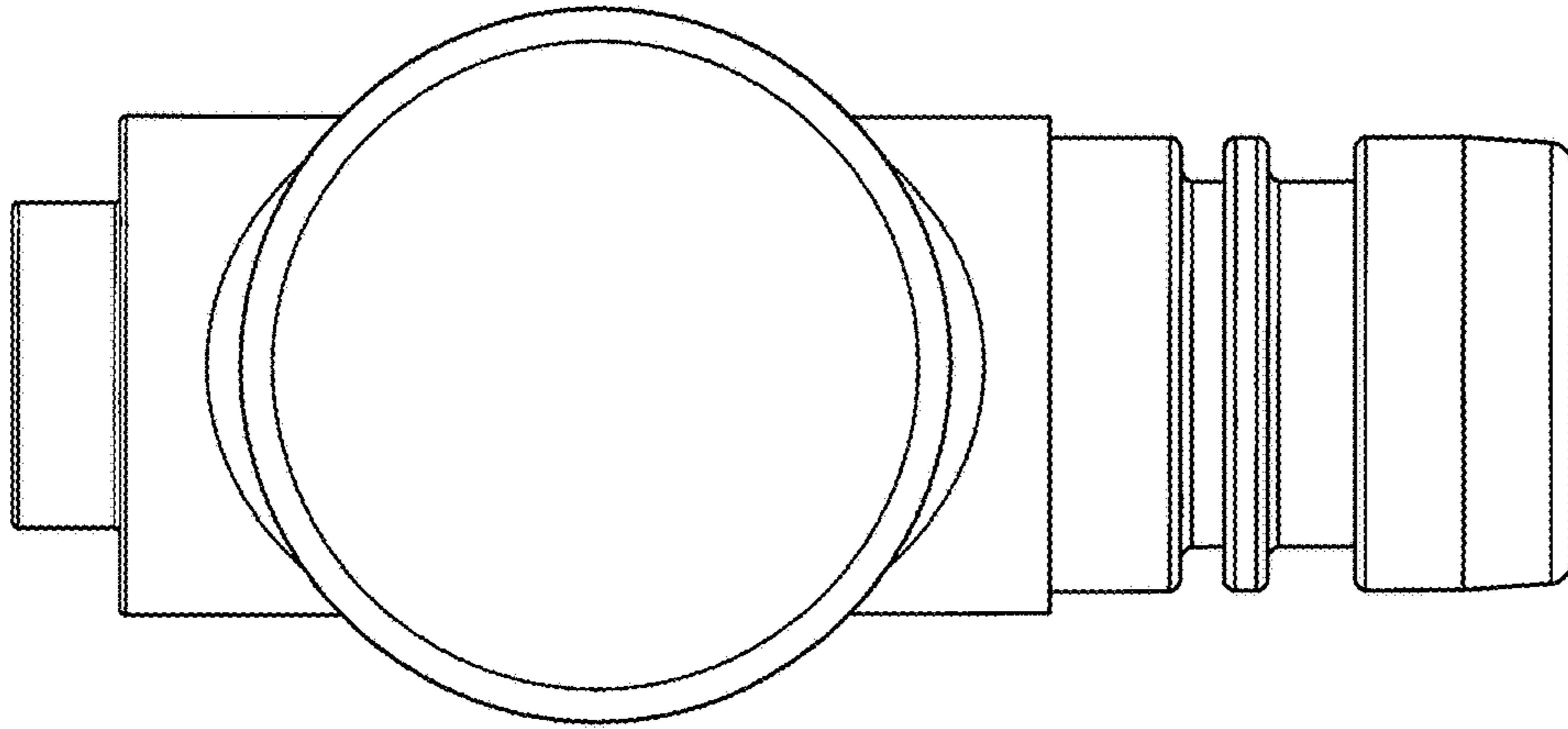


FIG. 9

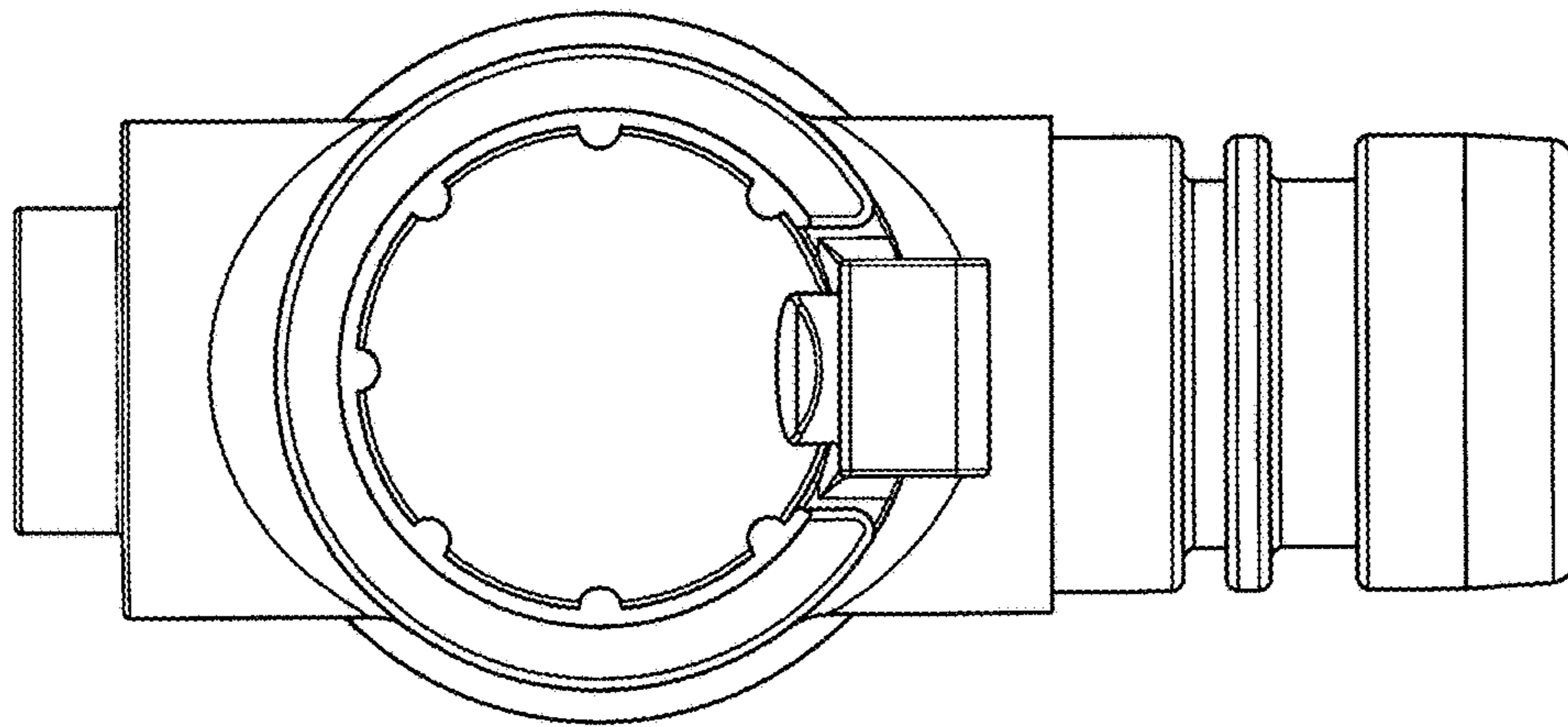


FIG. 10

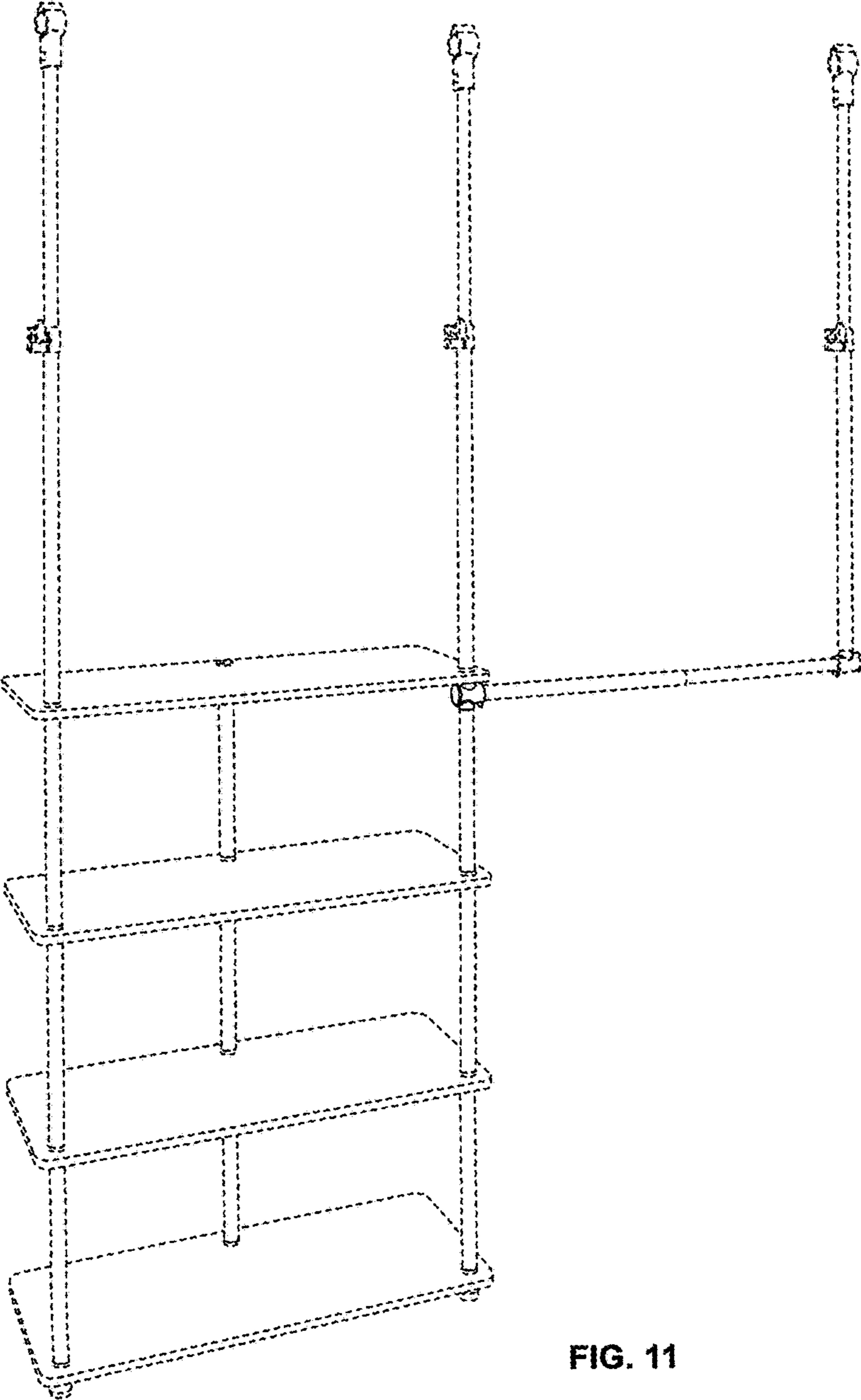


FIG. 11

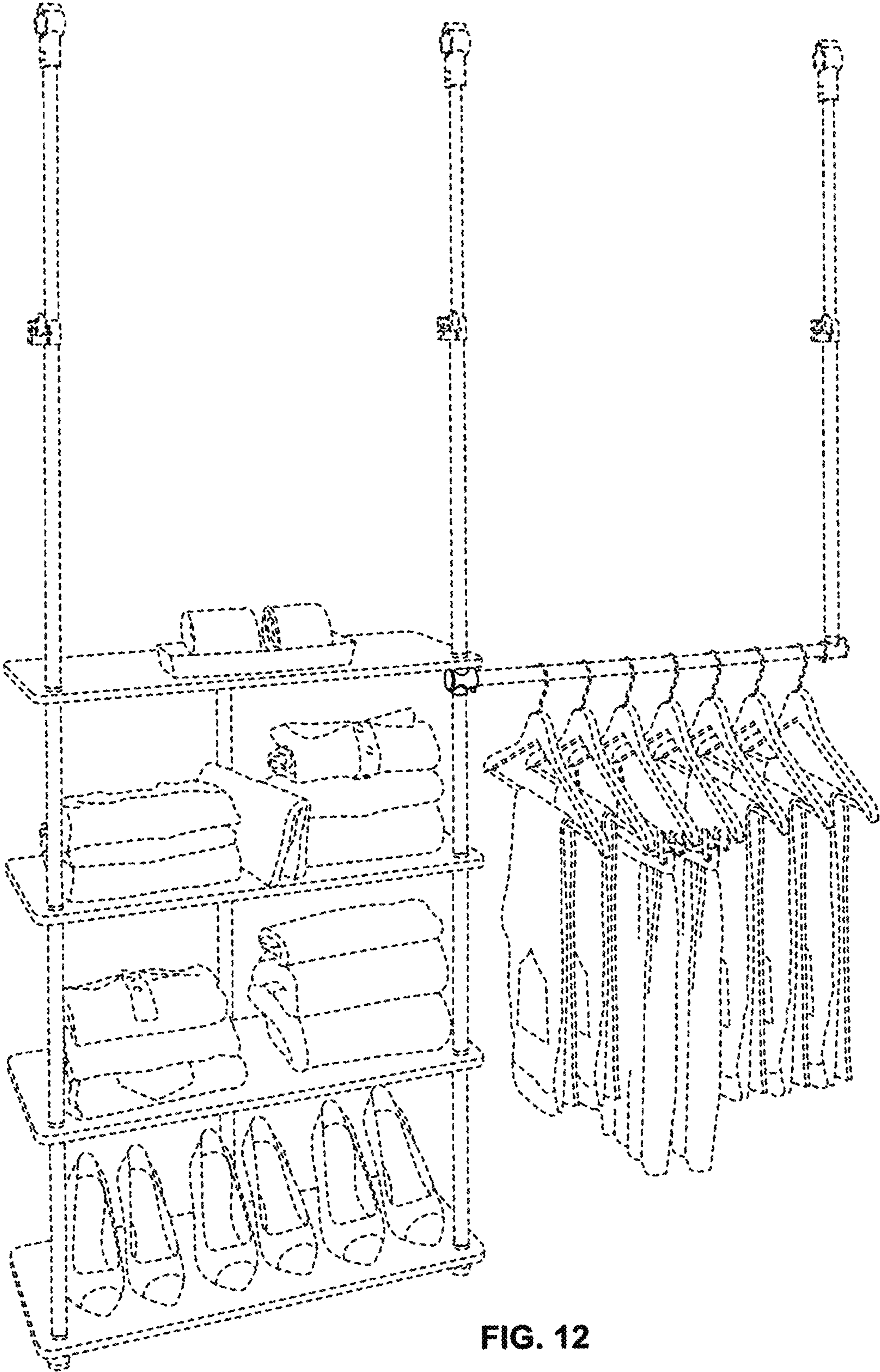


FIG. 12