



US00D743255S

(12) **United States Design Patent**
Niggemyer

(10) **Patent No.:** **US D743,255 S**

(45) **Date of Patent:** **** Nov. 17, 2015**

- (54) **NOZZLE AND CAP ASSEMBLY**
- (71) Applicant: **Decko Products, Inc.**, Sandusky, OH (US)
- (72) Inventor: **F. William Niggemyer**, Fremont, OH (US)
- (73) Assignee: **Decko Products, Inc.**, Sandusky, OH (US)
- (**) Term: **14 Years**
- (21) Appl. No.: **29/493,915**
- (22) Filed: **Jun. 16, 2014**
- (51) **LOC (10) Cl.** **09-07**
- (52) **U.S. Cl.**
USPC **D9/435; D9/447**
- (58) **Field of Classification Search**
USPC D9/702-714, 516, 549, 414, 424, 682, D9/688, 686, 434, 448, 447, 449, 450, 454, D9/723-729, 695-699; D3/201, 203.1, D3/203.4; D24/197; D28/4, 7, 9, 76; 222/92, 95, 528, 536-537, 402.1, 222/153.1, 153.14, 153.04, 522, 566, 529, 222/526, 478, 321.6; 220/200, 203.06, 220/203.01, 203.12, 203.19, 203.22; 215/200, 381-385, 217-218, 272, 277, 215/283, 205; D7/511-512
CPC B65D 47/06; B65D 47/00; B65D 25/40; B65D 35/38
See application file for complete search history.

3,827,593 A	8/1974	Kramb et al.	
3,827,893 A	8/1974	Meissner	
3,847,523 A	11/1974	Parrish et al.	
4,572,386 A	2/1986	Marcus	
4,760,941 A	8/1988	Salmon et al.	
D299,228 S	1/1989	Kurosu et al.	
4,961,517 A	10/1990	Tkac	
5,026,194 A	6/1991	Lewis	
5,114,044 A	5/1992	Spanek, Jr.	
5,248,071 A	9/1993	Ray	
5,287,898 A	2/1994	Falb et al.	
5,373,965 A	12/1994	Halm et al.	
D358,295 S *	5/1995	Moench	D7/398
D377,145 S *	1/1997	Huser	D9/447
5,758,787 A	6/1998	Sheu	
5,758,802 A	6/1998	Wallays	
5,941,642 A	8/1999	Darmstadter	
5,971,613 A	10/1999	Bell	
6,153,238 A	11/2000	Shannon	
6,190,366 B1	2/2001	Tani	
6,241,122 B1	6/2001	Araki et al.	
6,270,277 B1	8/2001	Ogino et al.	
D470,052 S *	2/2003	Klutts	D9/447
6,592,282 B2	7/2003	Fontanet et al.	
6,981,614 B2	1/2006	Niggemyer	
D531,900 S *	11/2006	Mavin et al.	D9/447
D560,719 S	1/2008	Wehmeyer	
D563,798 S *	3/2008	Gibson et al.	D9/724
7,337,923 B2	3/2008	Niggemyer et al.	
D609,091 S *	2/2010	Dubach	D9/438
7,762,439 B2	7/2010	Niggemyer et al.	
D681,457 S *	5/2013	Mannoia	D9/448
D684,052 S *	6/2013	Bakic	D9/448
D687,923 S *	8/2013	Jung et al.	D23/211.2
D691,472 S *	10/2013	Boer et al.	D9/447
2005/0087556 A1	4/2005	Signorini	

* cited by examiner

Primary Examiner — Caron D Veynar

Assistant Examiner — Abraham Bahta

(74) *Attorney, Agent, or Firm* — Fraser Clemens Martin & Miller LLC; James D. Miller

(56) **References Cited**
U.S. PATENT DOCUMENTS

2,337,616 A	12/1943	McManus et al.	
2,441,649 A	5/1948	Sprague	
2,539,944 A	1/1951	Bury	
2,620,756 A	12/1952	Krens	
2,947,015 A	8/1960	Burt	
3,023,925 A	3/1962	Sher	
D226,555 S *	3/1973	Weber	D9/446
3,801,247 A	4/1974	Parrish et al.	

(57) **CLAIM**

The ornamental design for a nozzle and cap assembly, as shown and described.

DESCRIPTION

FIG. 1 is an exploded perspective view of a nozzle and cap assembly;

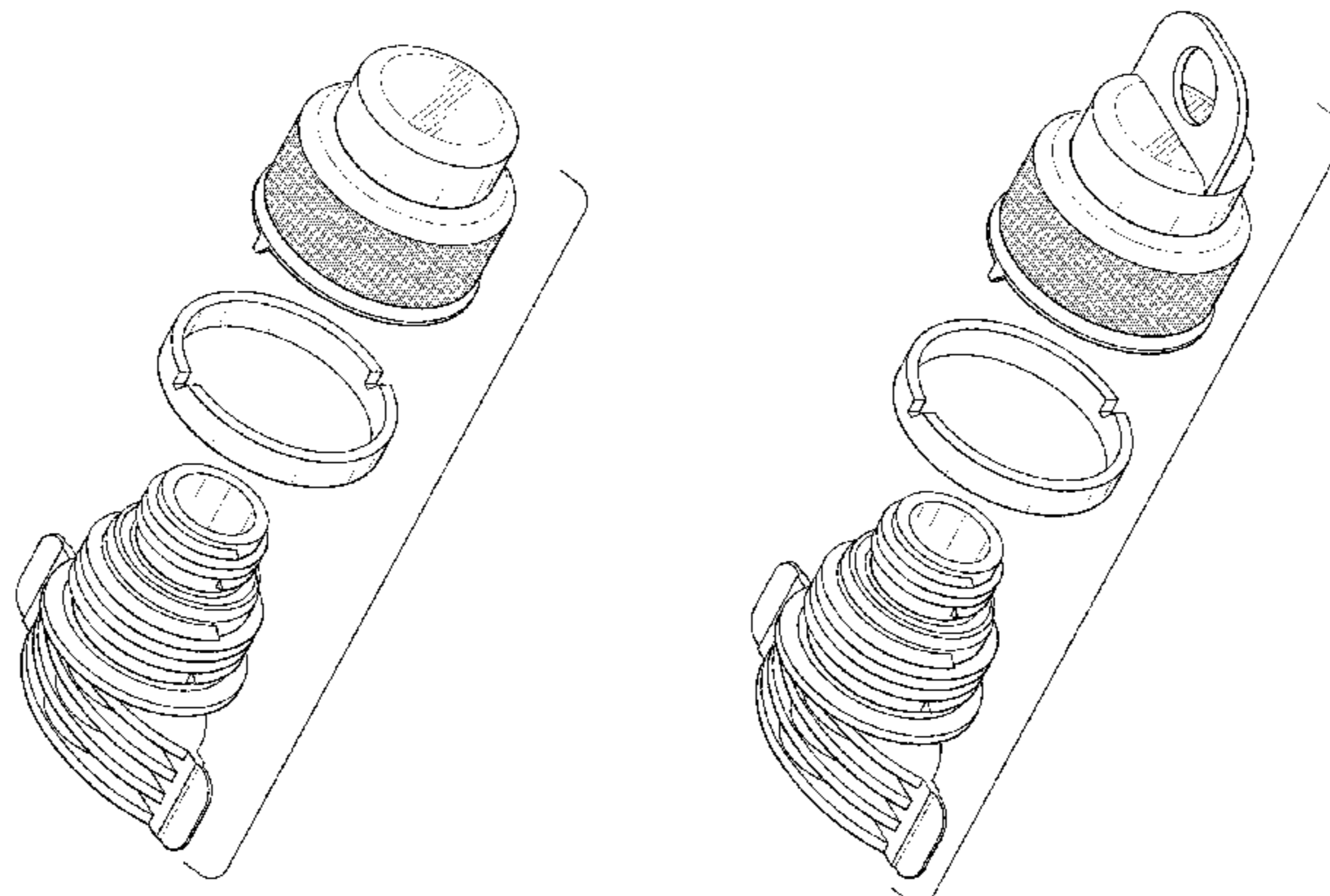


FIG. 2 is an exploded left side elevational view of the nozzle and cap assembly of FIG. 1, wherein an exploded right side elevational view is not shown as it is identical to the exploded left side elevational view shown;

FIG. 3 is an exploded front elevational view of the nozzle and cap assembly of FIG. 1, wherein an exploded rear elevational view is not shown as it is identical to the exploded front elevational view shown;

FIG. 4 is a top plan view of the nozzle and cap assembly of FIG. 1;

FIG. 5 is a bottom plan view of the nozzle and cap assembly of FIG. 1;

FIG. 6 is an assembled perspective view of the nozzle and cap assembly of FIG. 1;

FIG. 7 is an assembled left side elevational view of the nozzle and cap assembly of FIG. 1, wherein an assembled right side elevational view is not shown as it is identical to the left side elevational view shown;

FIG. 8 is an assembled front elevational view of the nozzle and cap assembly of FIG. 1, wherein an assembled rear elevational view is not shown as it is identical to the front elevational view shown;

FIG. 9 is a cross-sectional view of the nozzle and cap assembly of FIG. 8, taken along line 9-9;

FIG. 10 is an exploded perspective view of a nozzle and cap assembly according to another embodiment of the invention; FIG. 11 is an exploded left side elevational view of the nozzle and cap assembly of FIG. 10, wherein an exploded right side elevational view is not shown as it is identical to the exploded left side elevational view shown;

FIG. 12 is an exploded front elevational view of the nozzle and cap assembly of FIG. 1, wherein an exploded rear elevational view is not shown as it is identical to the exploded front elevation view shown;

FIG. 13 is a top plan view of the nozzle and cap assembly of FIG. 10, wherein a bottom plan view is not shown because the bottom plan view is identical to the bottom plan view shown in FIG. 5;

FIG. 14 is an assembled perspective view of the nozzle and cap assembly of FIG. 10;

FIG. 15 is an assembled left side elevational view of the nozzle and cap assembly of FIG. 10, wherein an assembled right side elevational view is not shown as it is identical to the left side elevational view shown; and,

FIG. 16 is an assembled front elevational view of the nozzle and cap assembly of FIG. 10, wherein an assembled rear elevational view is not shown as it is identical to the front elevational view shown.

1 Claim, 5 Drawing Sheets

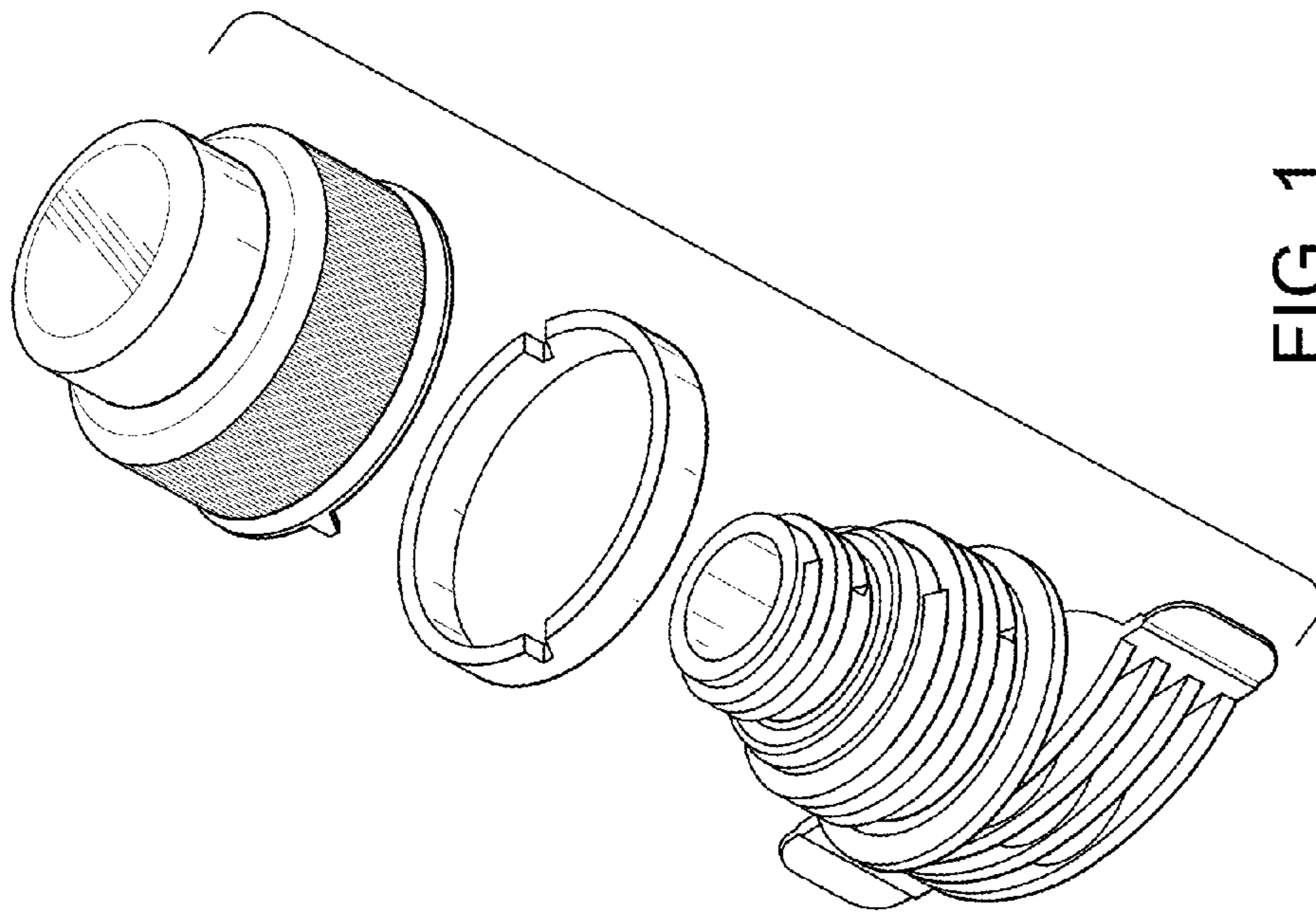


FIG. 1

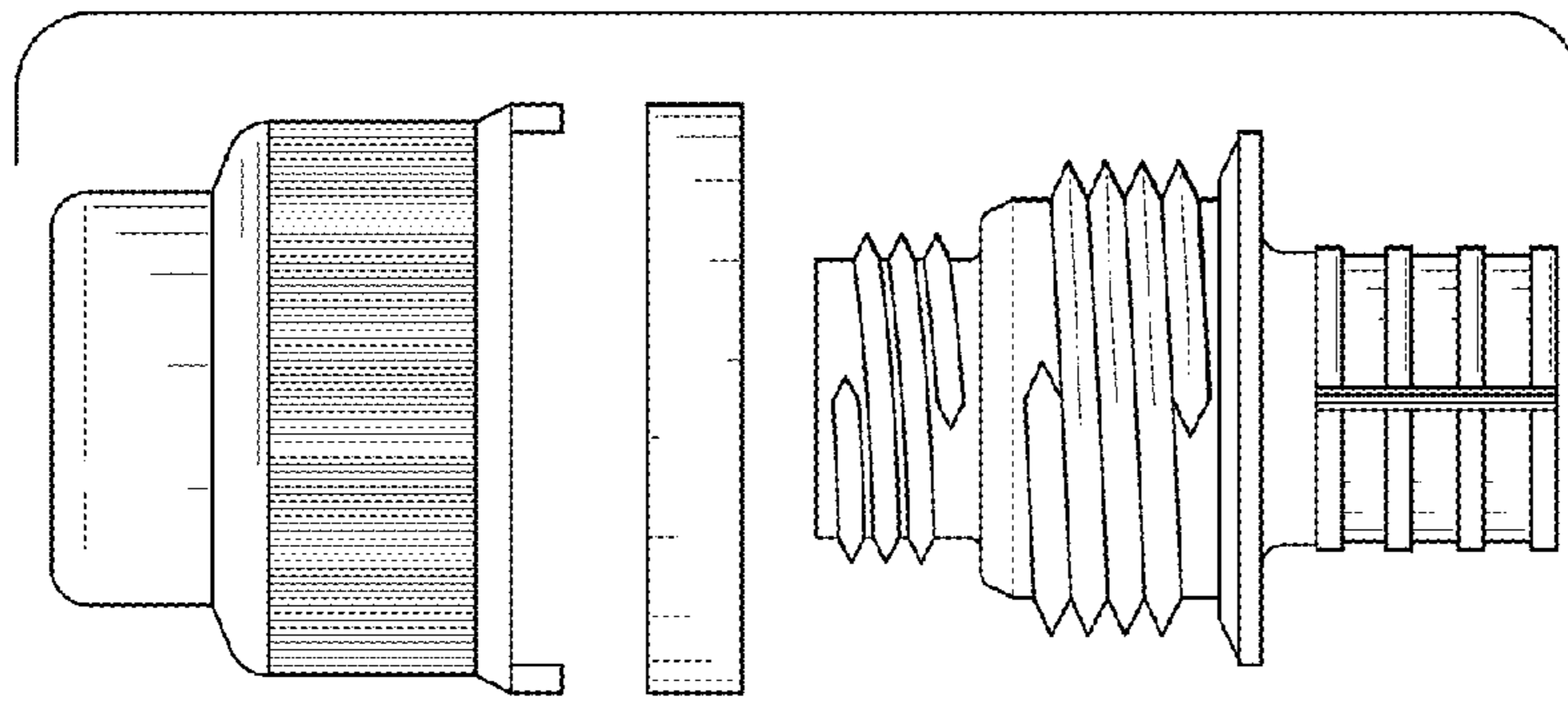


FIG. 2

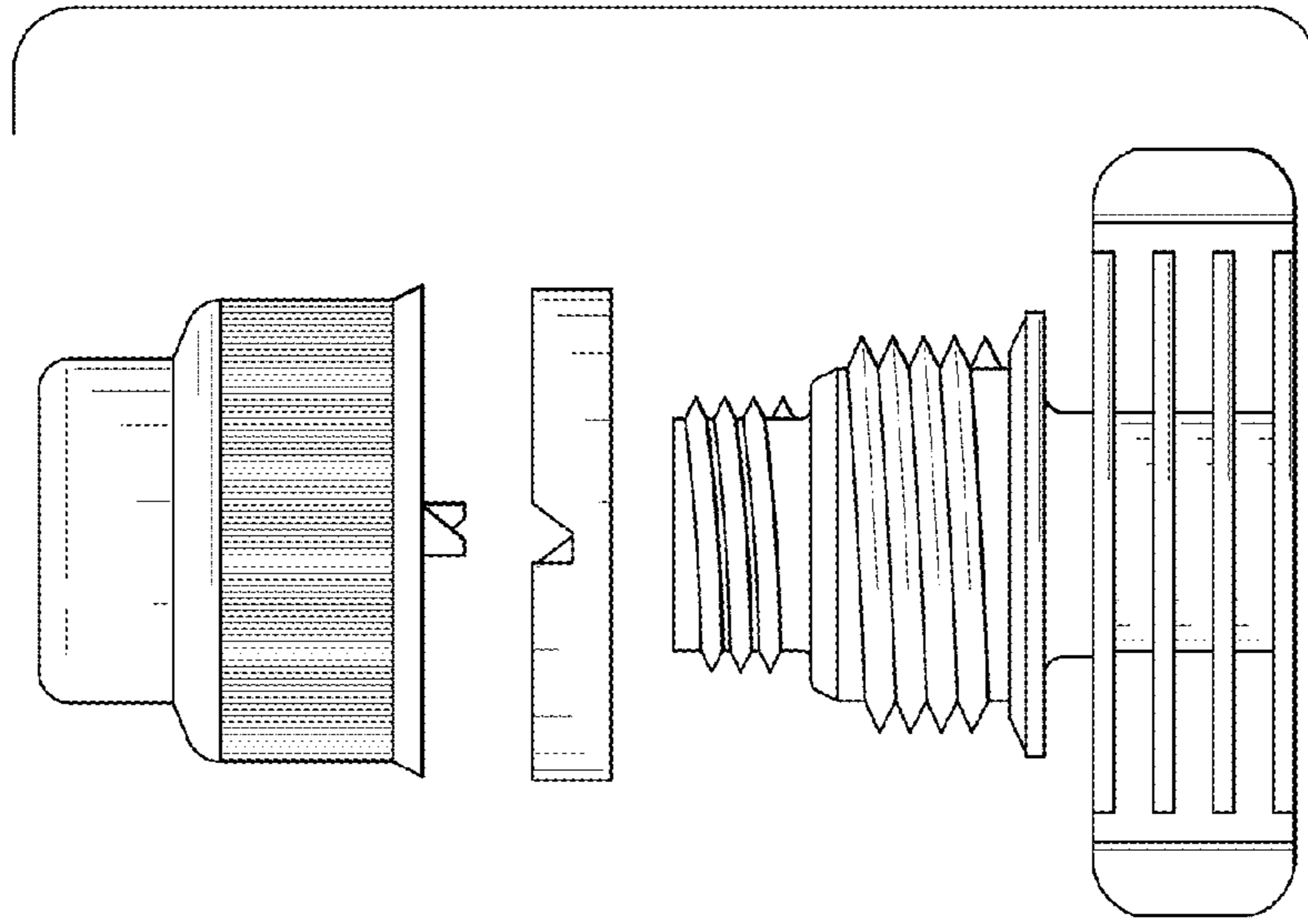


FIG. 3

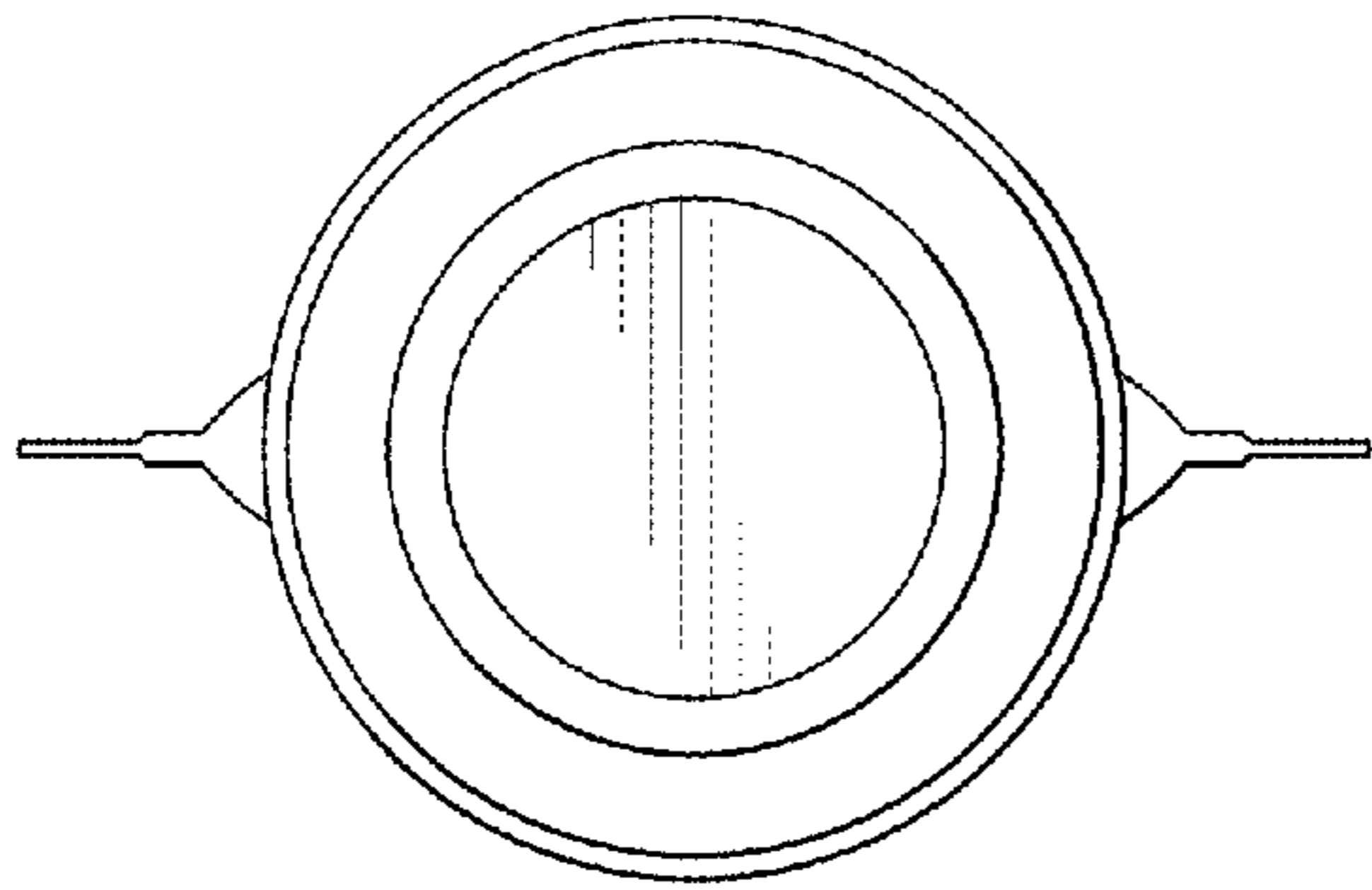


FIG. 4

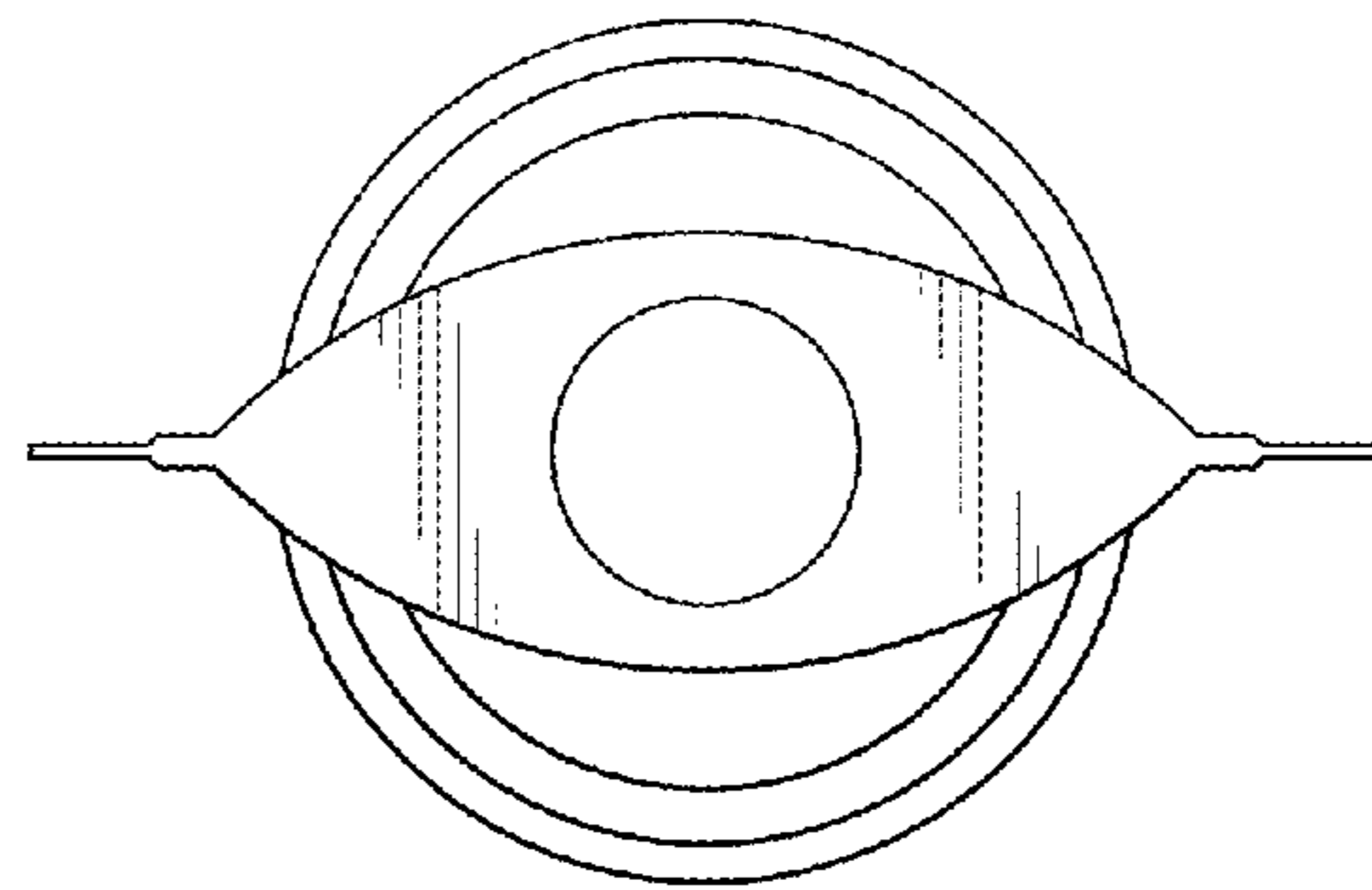


FIG. 5

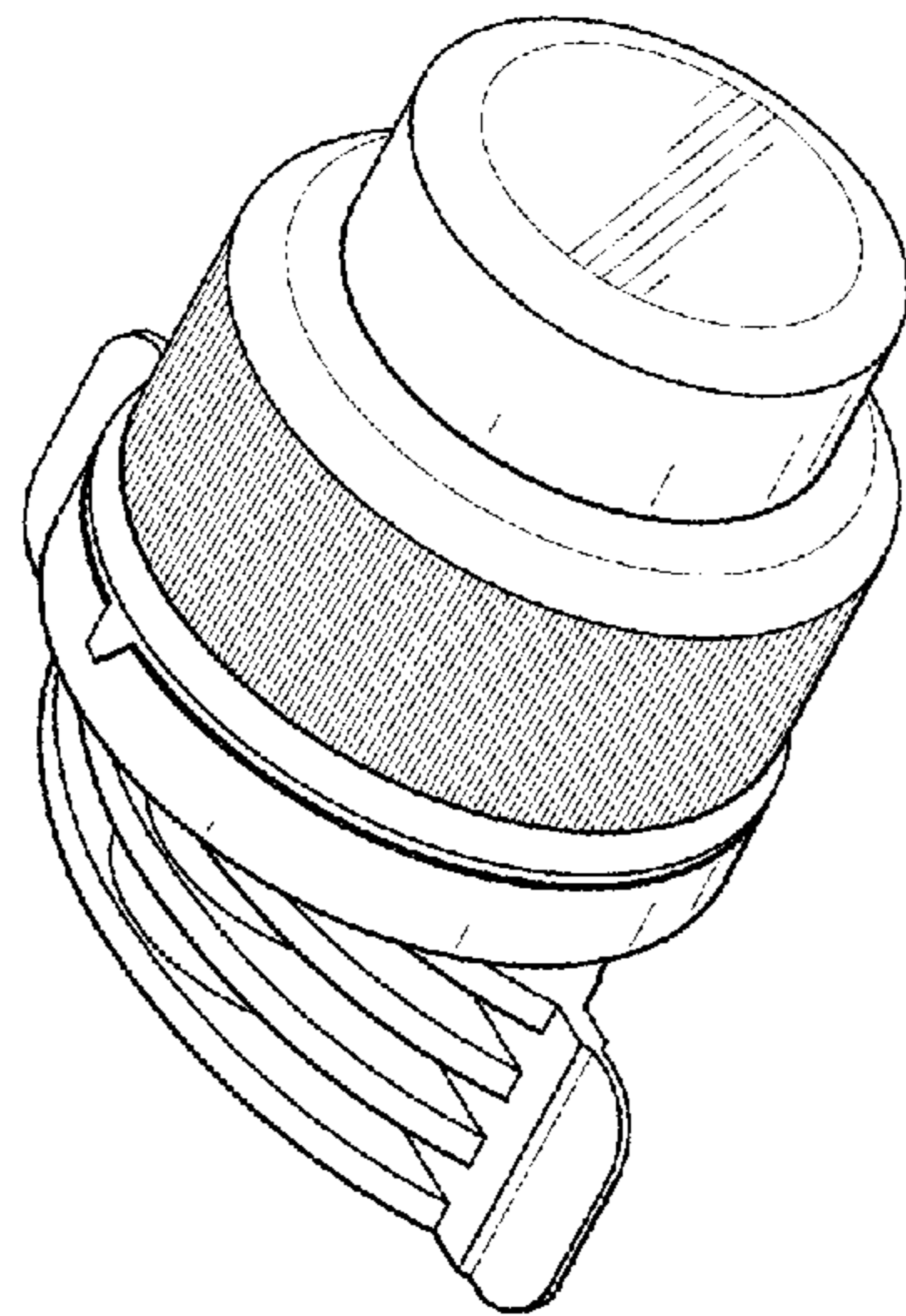


FIG. 6

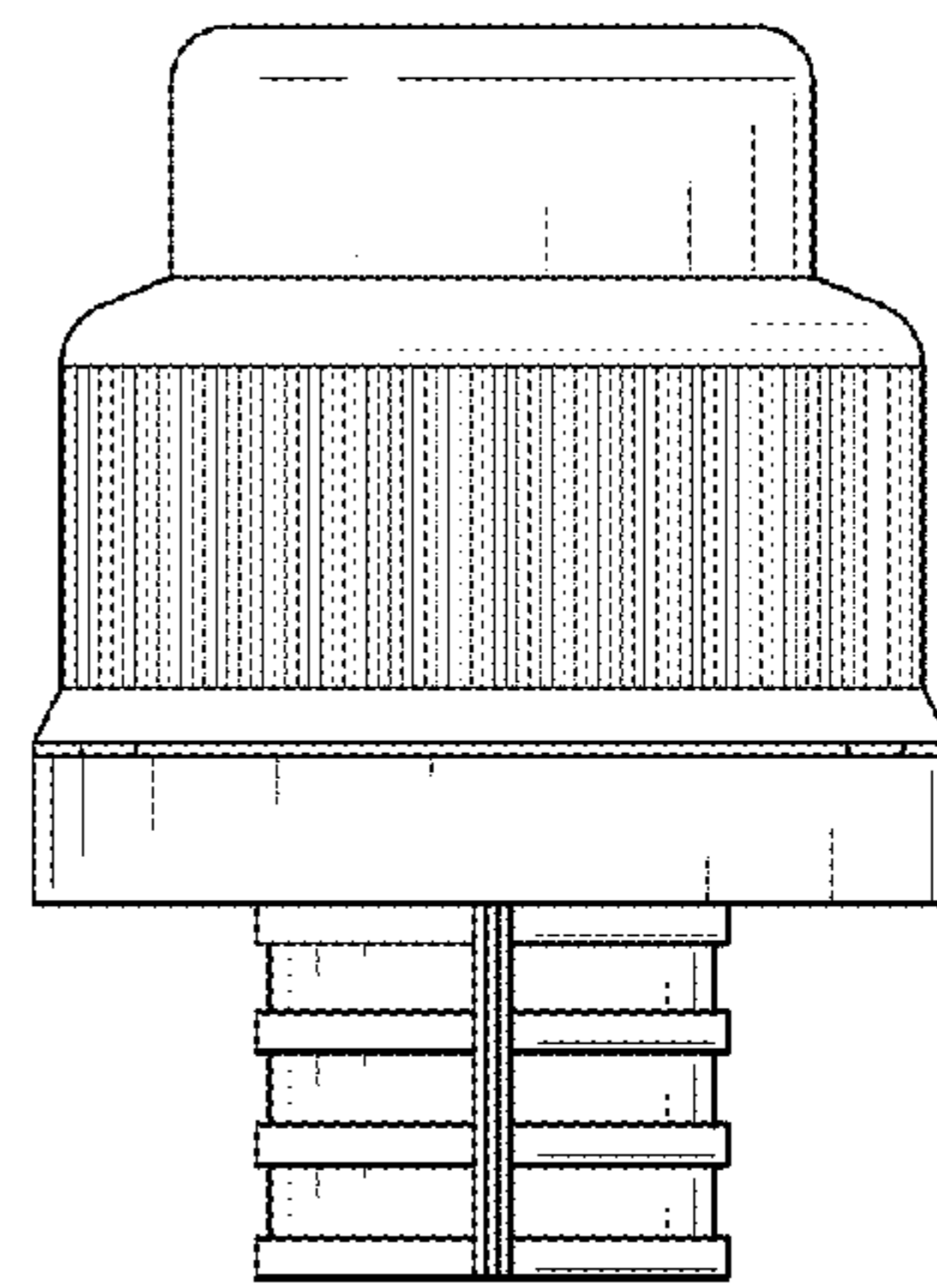


FIG. 7

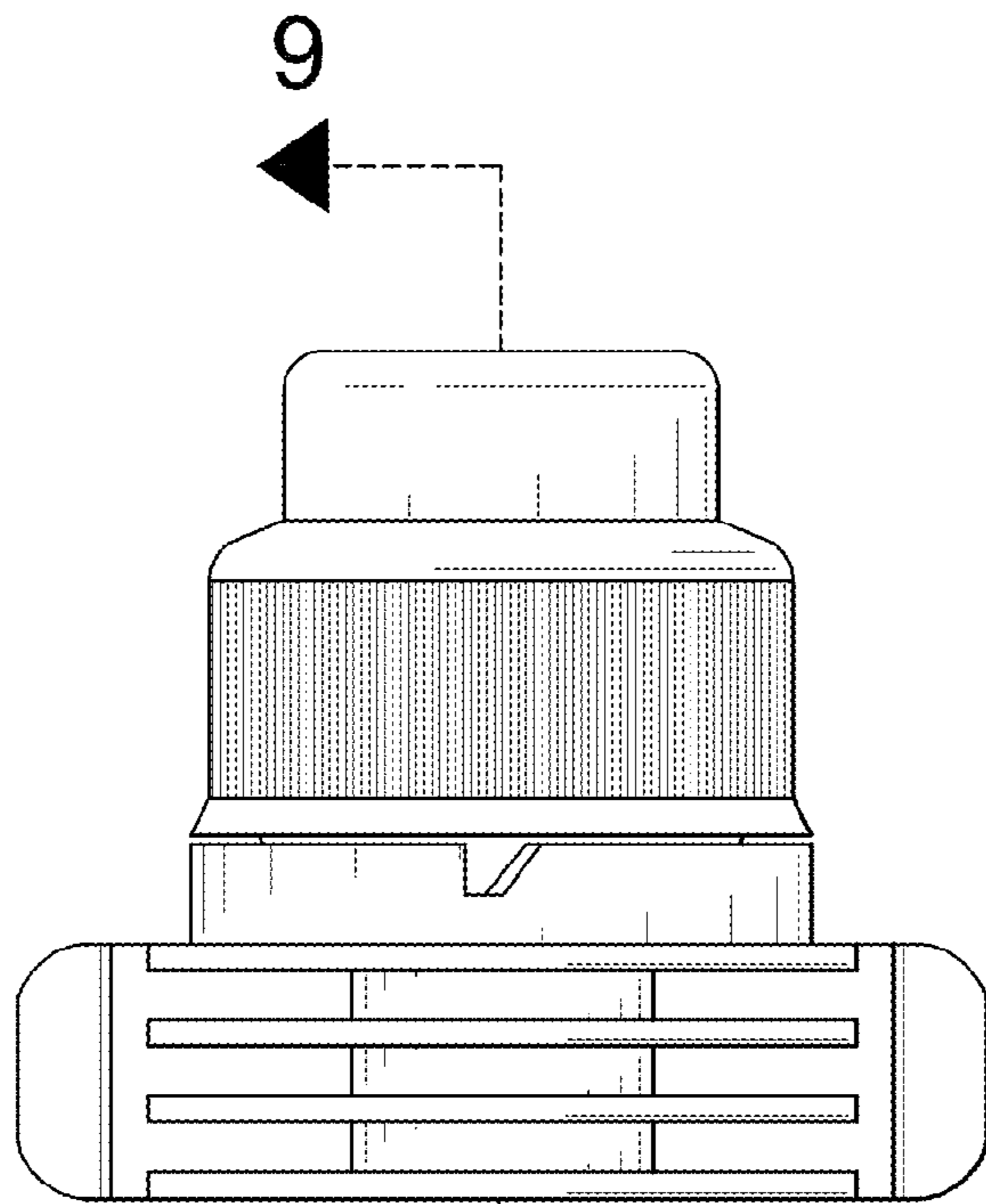


FIG. 8

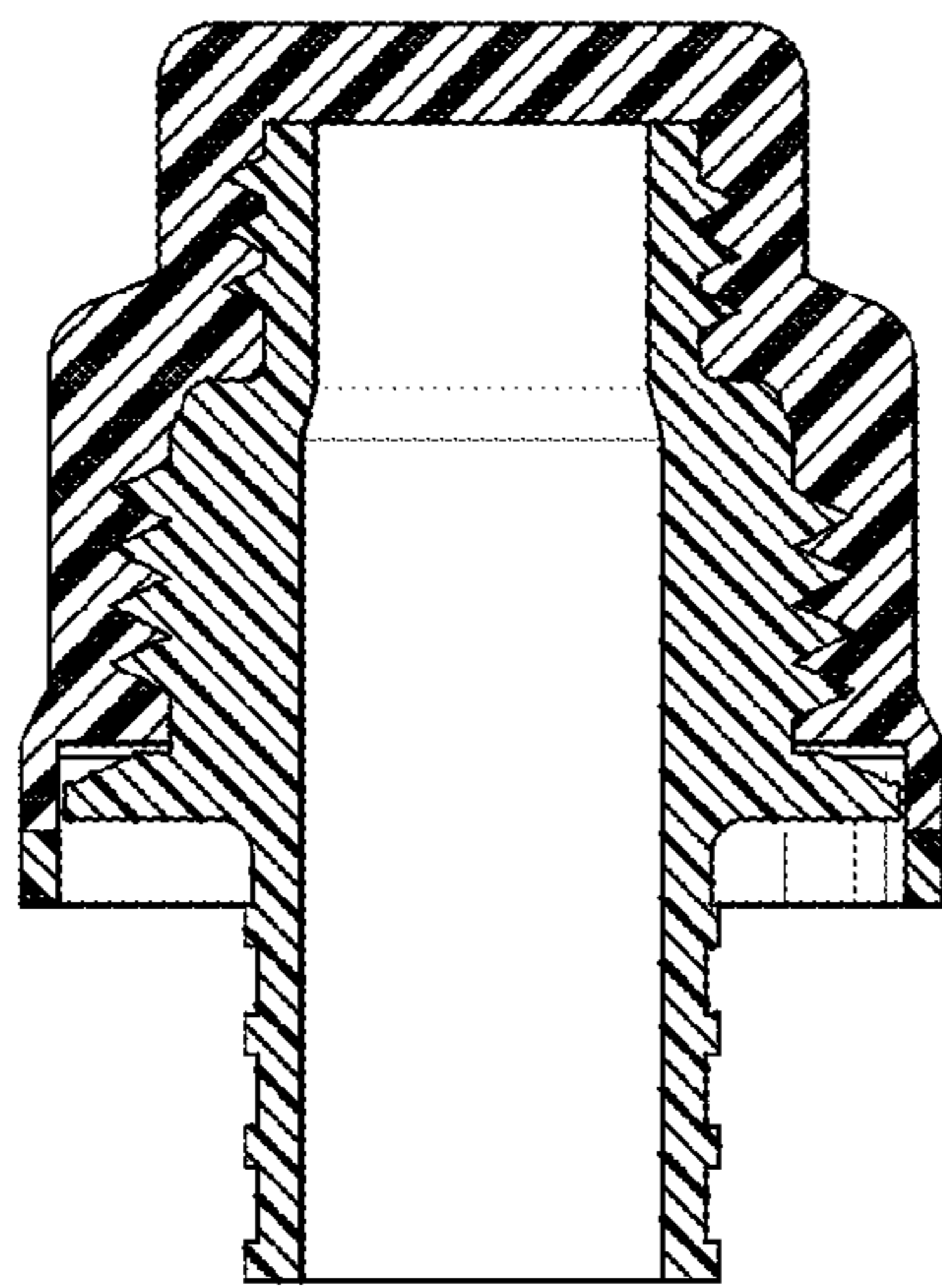
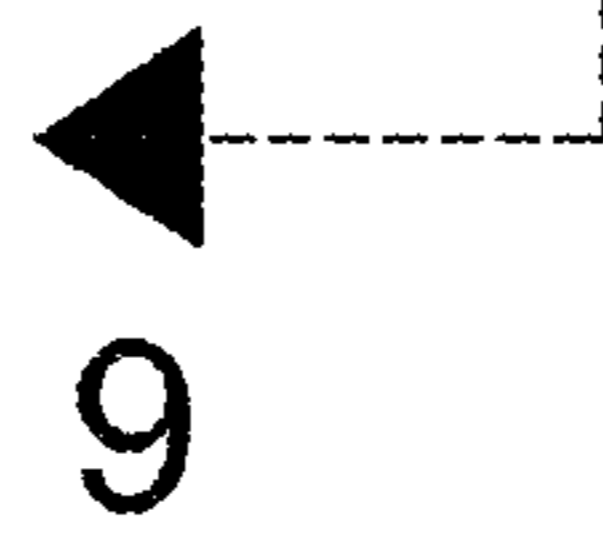


FIG. 9

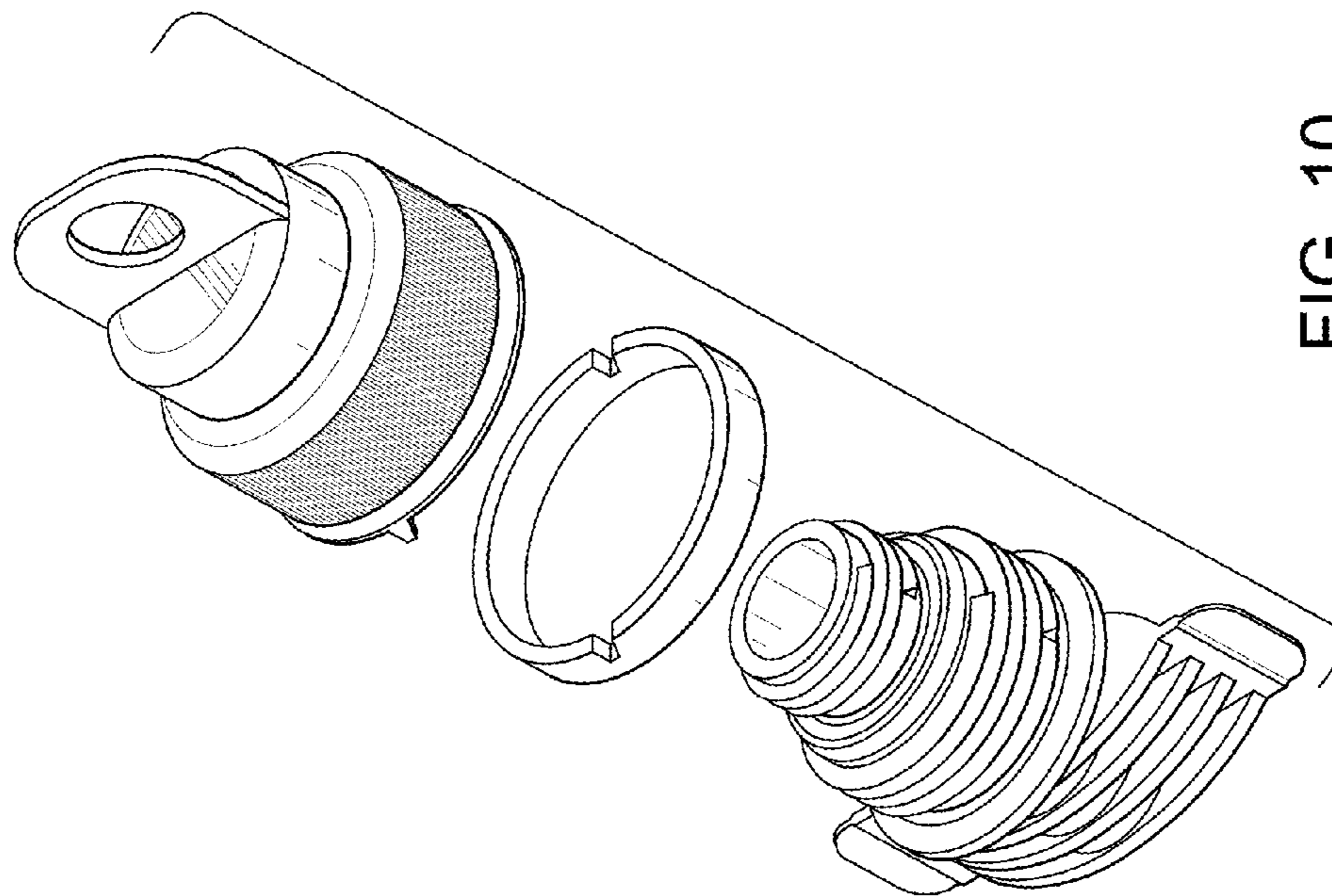


FIG. 10

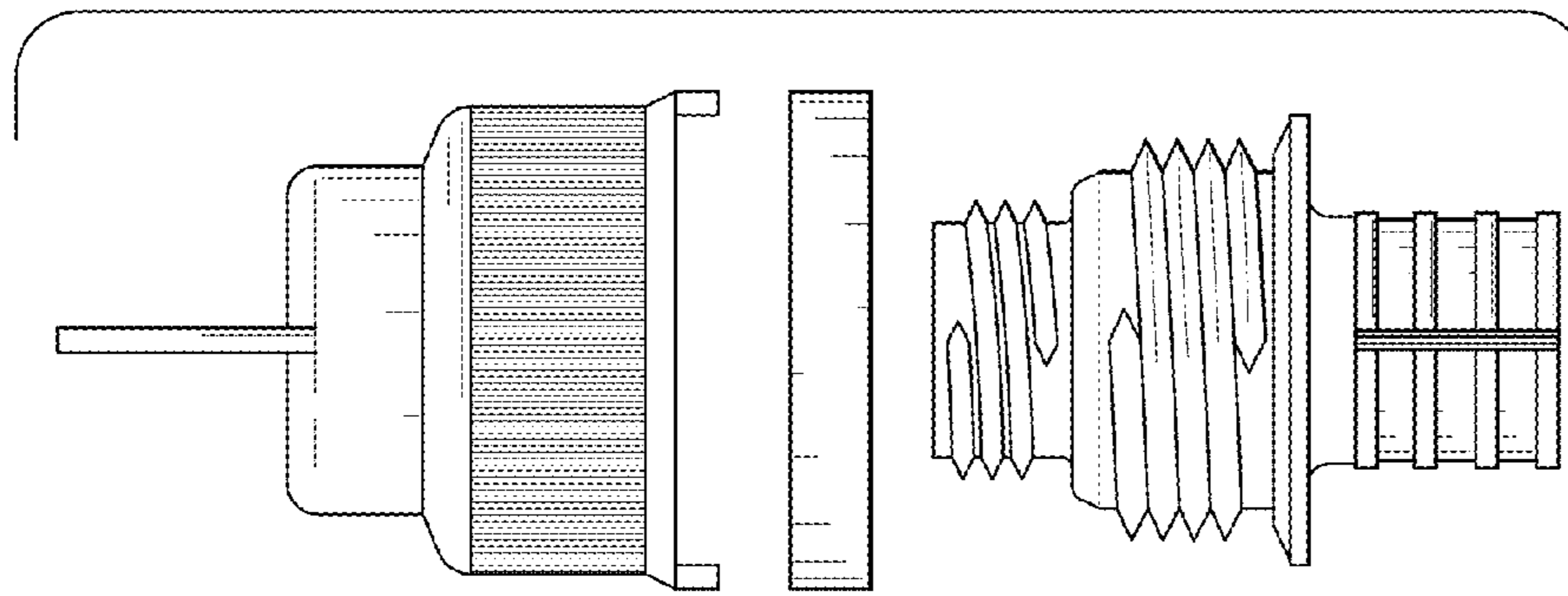


FIG. 11

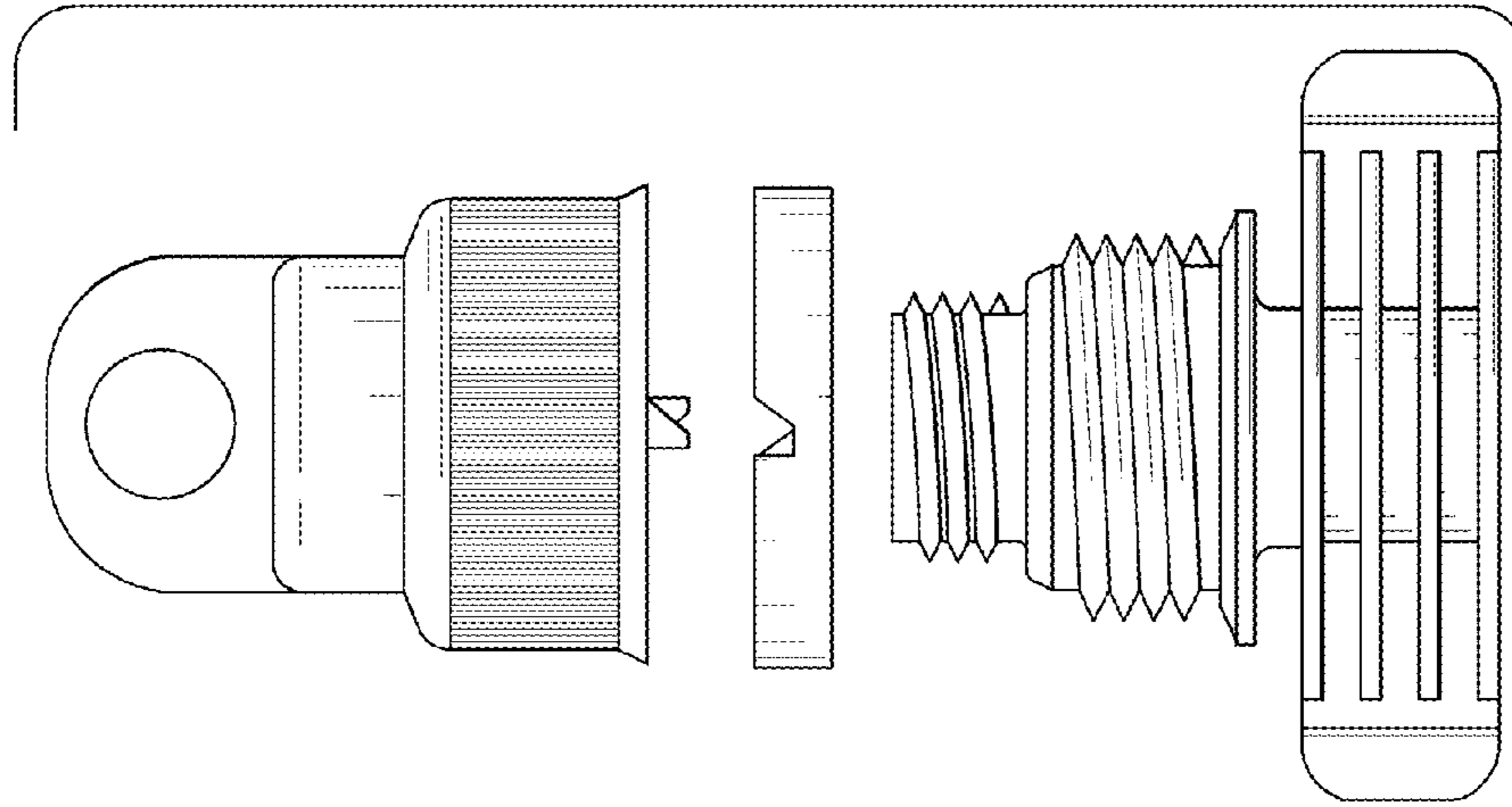


FIG. 12

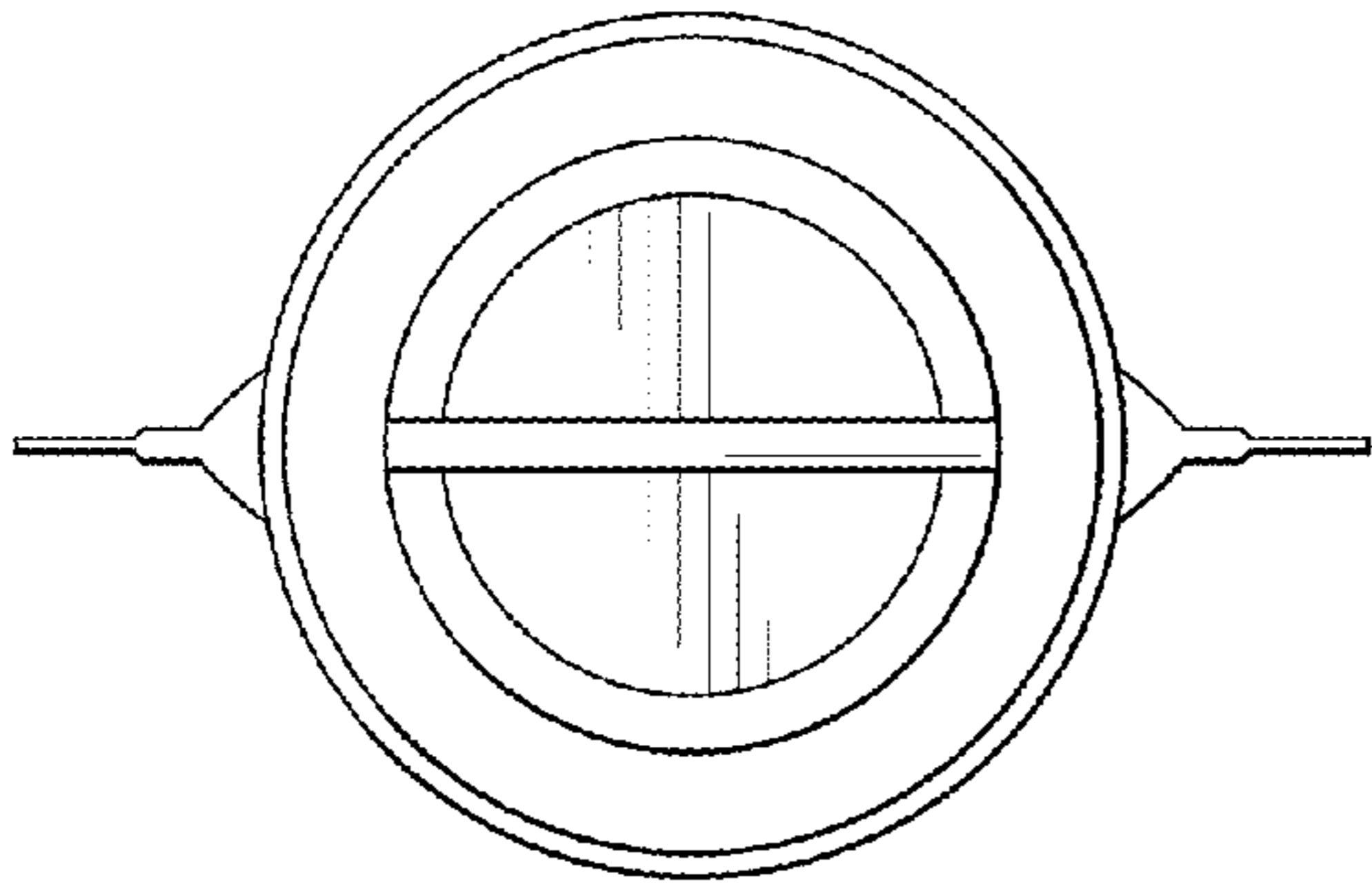


FIG. 13

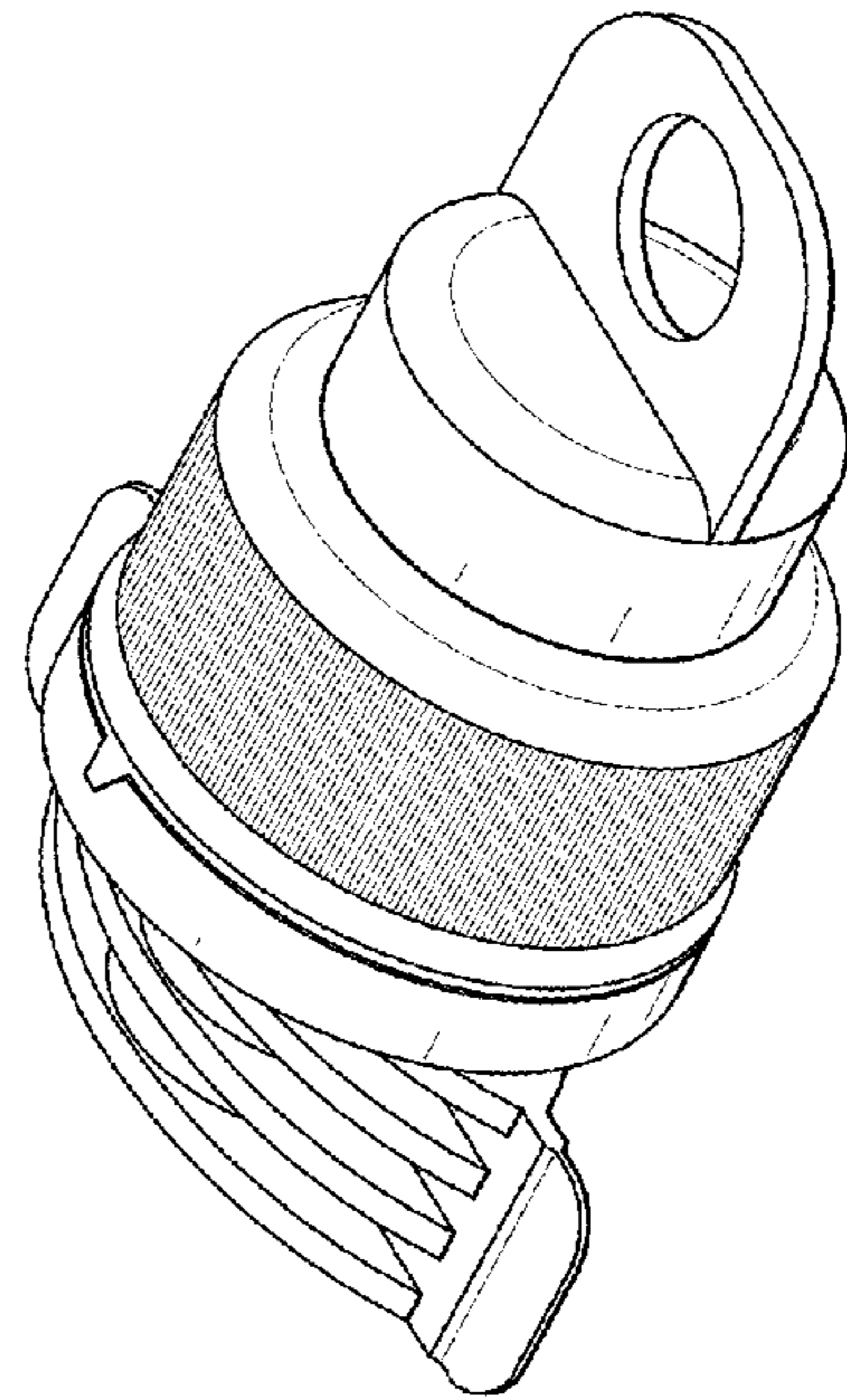


FIG. 14

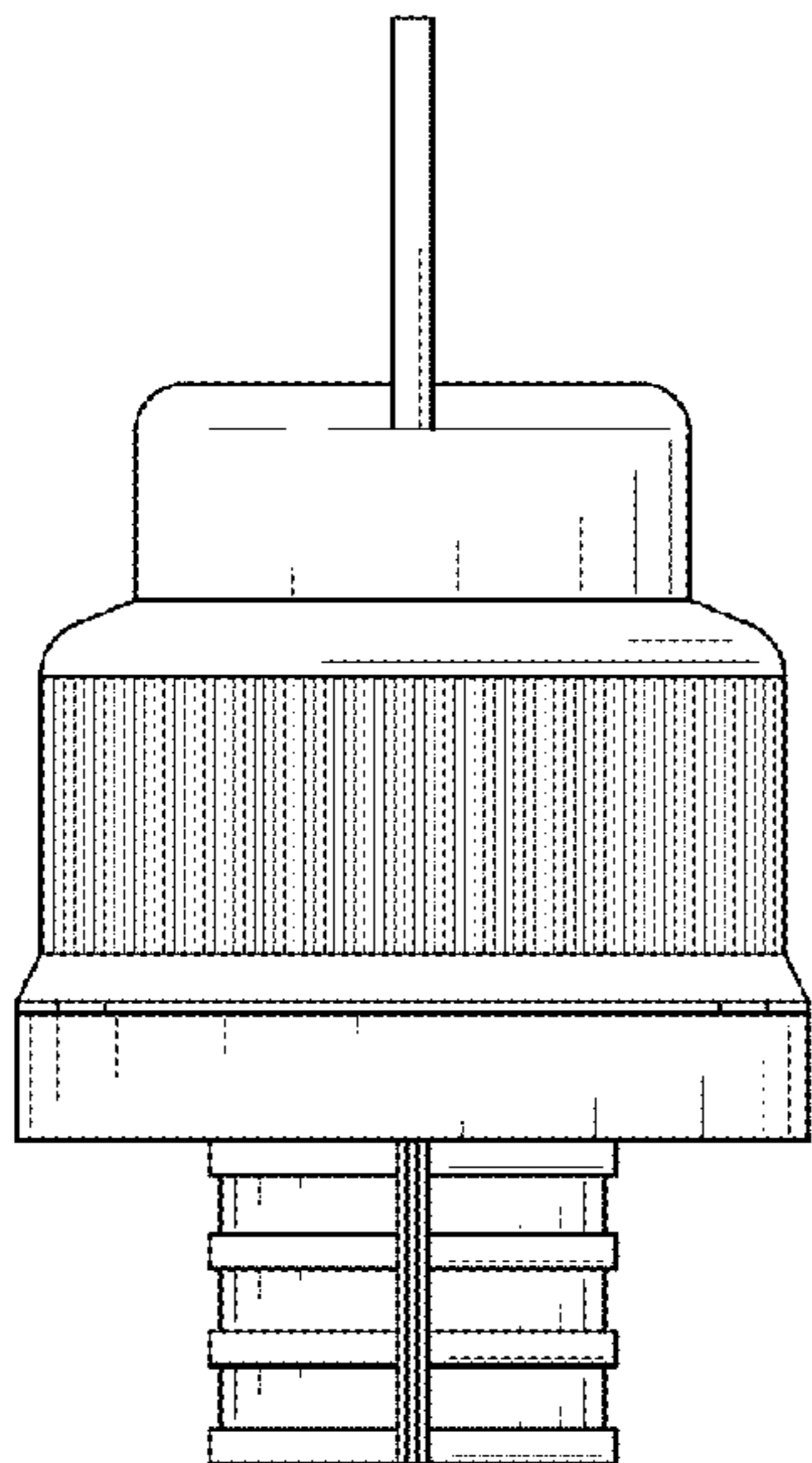


FIG. 15

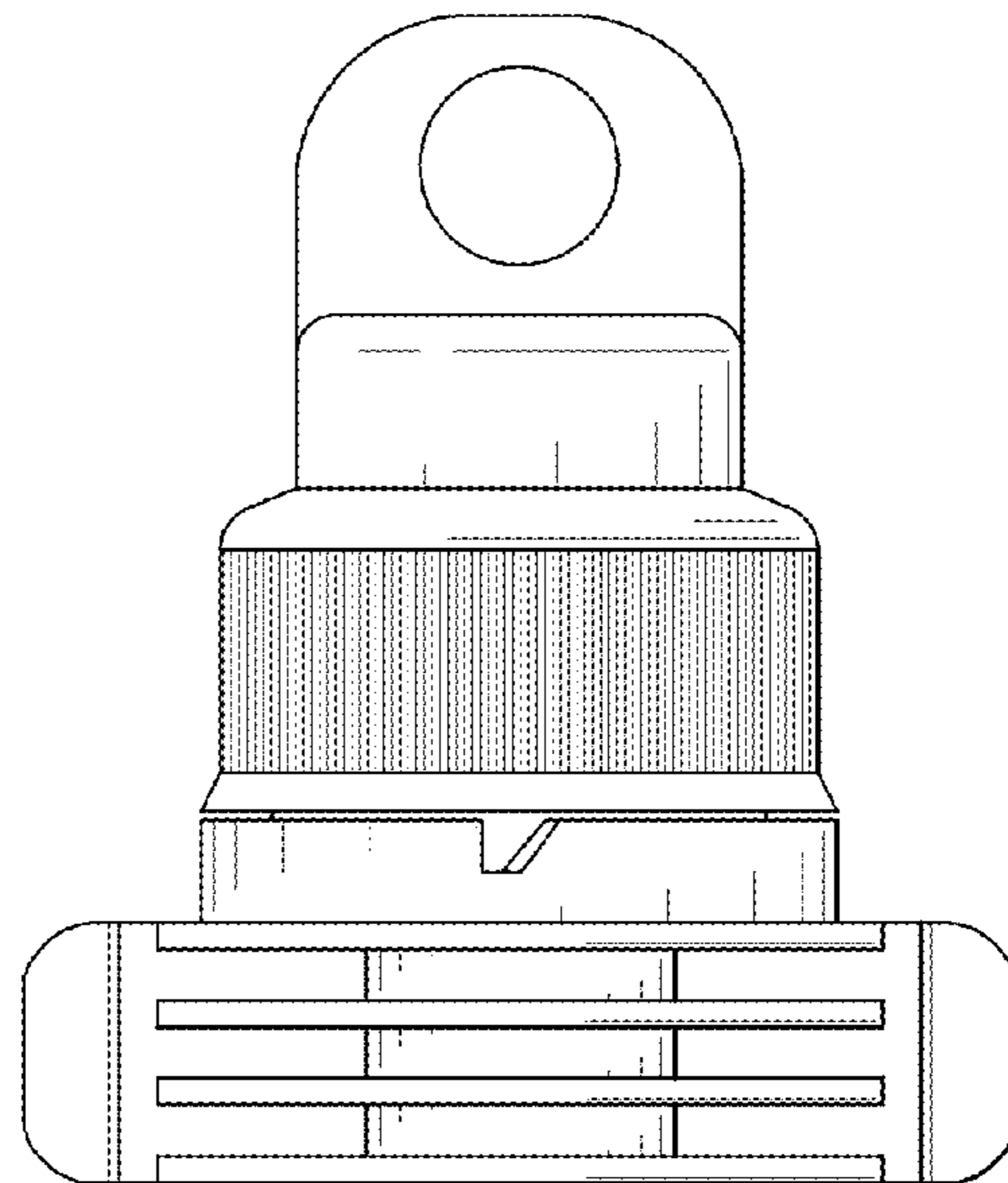


FIG. 16