



US00D734363S

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

(10) **Patent No.:** **US D734,363 S**

(45) **Date of Patent:** **\*\* Jul. 14, 2015**

(54) **FUEL FILTER**

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(73) Assignee: **Mahle Metal Leve S/A**, Jundai (BR)

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

(21) Appl. No.: **29/407,725**

(22) Filed: **Dec. 1, 2011**

(30) **Foreign Application Priority Data**

Jun. 3, 2011 (BR) ..... 7102792

(51) **LOC (10) Cl.** ..... **15-01**

(52) **U.S. Cl.**  
USPC ..... **D15/5**; D23/209

(58) **Field of Classification Search**  
USPC ..... D15/1-5; D23/207, 209; 210/497.01, 210/498, 493.5, 282, 493.2, 450, 493.1  
CPC ..... B01D 35/153; B01D 35/30; B01D 27/08; B01D 35/027; B01D 29/114; B01D 2201/291; F02M 37/106; F02M 63/0225; F02B 3/06; F02B 61/045; F02B 2075/025; F02B 2075/125; F02B 75/22  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

2,149,745	A *	3/1939	Osborn et al.	.....	210/312
2,583,812	A *	1/1952	Briggs et al.	.....	210/445
3,002,870	A *	10/1961	Belgarde et al.	.....	156/70
3,240,342	A *	3/1966	Callahan, Jr. et al.	.....	210/232
D232,551	S *	8/1974	Grover	.....	D23/209
5,543,007	A *	8/1996	Takagaki et al.	.....	156/189
5,979,668	A *	11/1999	Kane et al.	.....	210/446
6,171,492	B1 *	1/2001	Hedgepeth et al.	.....	210/243
6,379,564	B1 *	4/2002	Rohrbach et al.	.....	210/765

(Continued)

**OTHER PUBLICATIONS**

Fram Filtros Original So/Gefi; Boletim Tecnico; Lancamento de Produto; Filtro Do Comustivel Fiat Siena—Tetrafuel G9893F; No. 296; Downloaded from www.fram.com.br.; dated Jul. 12, 2011.

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(57) **CLAIM**

We claim the ornamental design for a fuel filter, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of an embodiment of a fuel filter showing our new design;

FIG. 2 is a top plan view thereof, the bottom view being a mirror image;

FIG. 3 is a left side elevation view thereof;

FIG. 4 is a right side elevation view thereof;

FIG. 5 is a front elevation view thereof;

FIG. 6 is a rear elevation view thereof;

FIG. 7 is a perspective view of another embodiment of a fuel filter showing our new design;

FIG. 8 is a top plan view thereof, the bottom view being a mirror image;

FIG. 9 is a left side elevation view thereof;

FIG. 10 is a right side elevation view thereof;

FIG. 11 is a front elevation view thereof;

FIG. 12 is a rear elevation view thereof;

FIG. 13 is a perspective view of yet another embodiment of a fuel filter showing our new design;

FIG. 14 is a top plan view thereof, the bottom view being a mirror image;

FIG. 15 is a left side elevation view thereof;

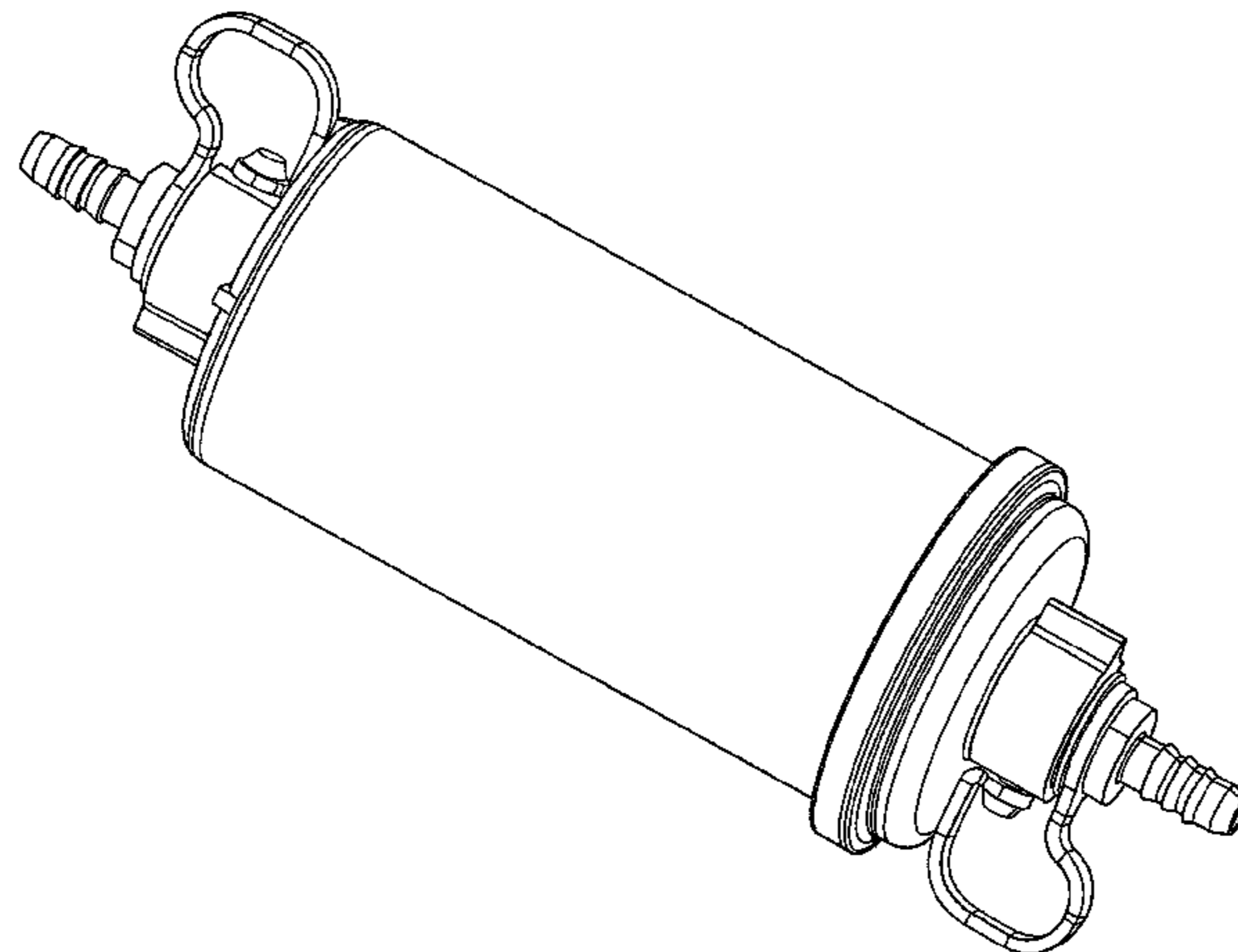
FIG. 16 is a right side elevation view thereof;

FIG. 17 is a front elevation view thereof; and,

FIG. 18 is a rear elevation view thereof.

The broken lines are directed to unclaimed features and form no part of the claimed design.

**1 Claim, 9 Drawing Sheets**



(56)

**References Cited**

U.S. PATENT DOCUMENTS

8,303,808	B1 *	11/2012	Meyers	.....	210/136	2004/0256602	A1 *	12/2004	Memmer	.....	252/500
2001/0002007	A1 *	5/2001	Zupan et al.	.....	210/448	2007/0246027	A1 *	10/2007	Kobayashi	.....	123/557
2003/0173280	A1 *	9/2003	Mathew	.....	210/243	2008/0087245	A1 *	4/2008	Gignac et al.	.....	123/195 A
						2012/0037556	A1 *	2/2012	Beard et al.	.....	210/232

\* cited by examiner

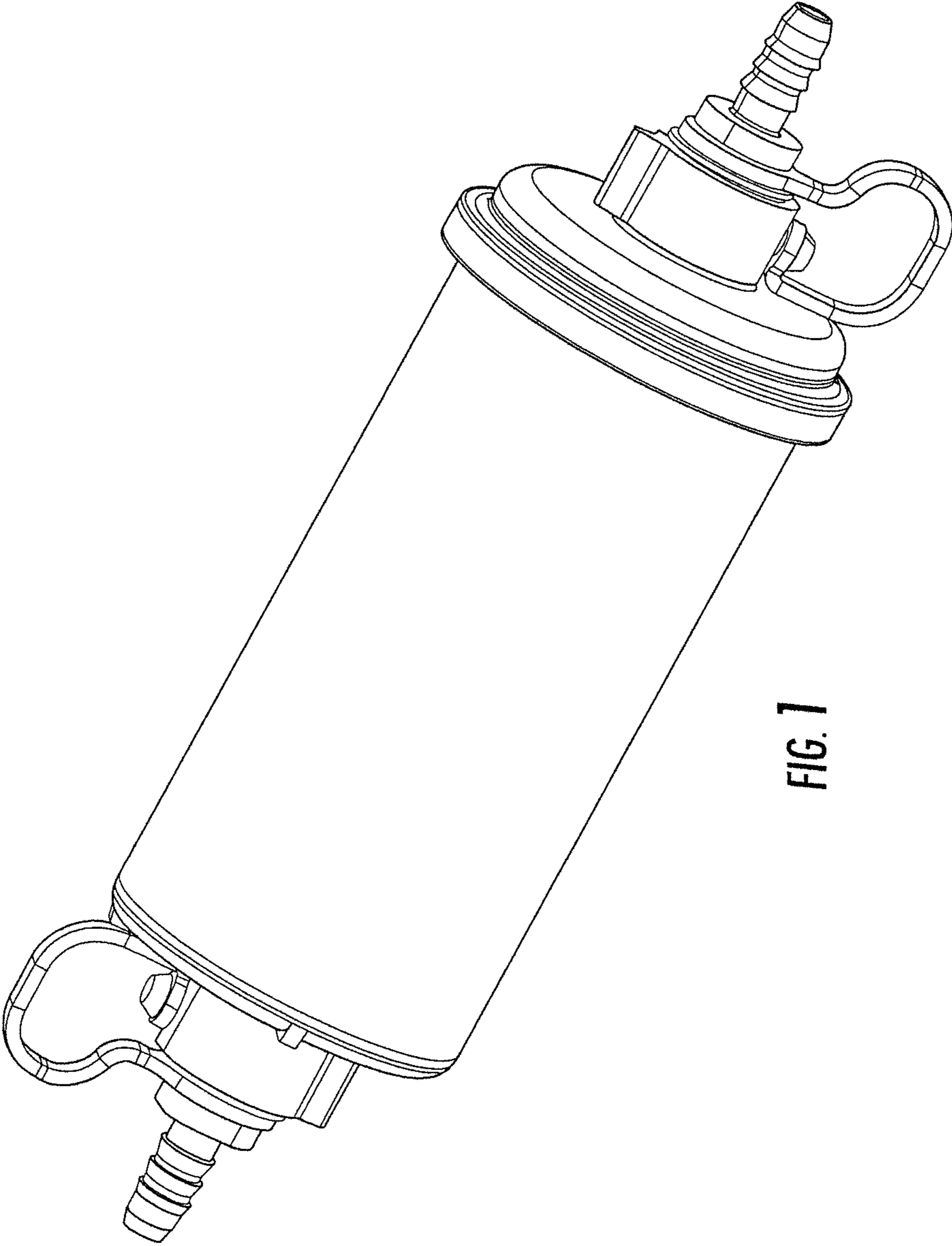


FIG. 1

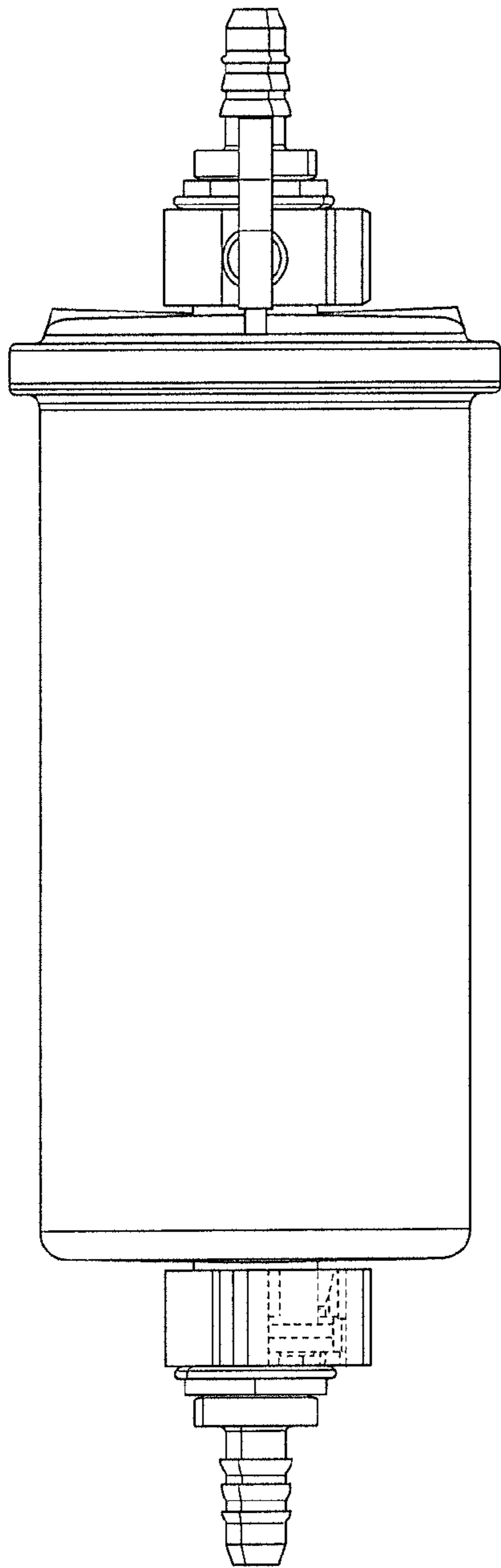


FIG. 2

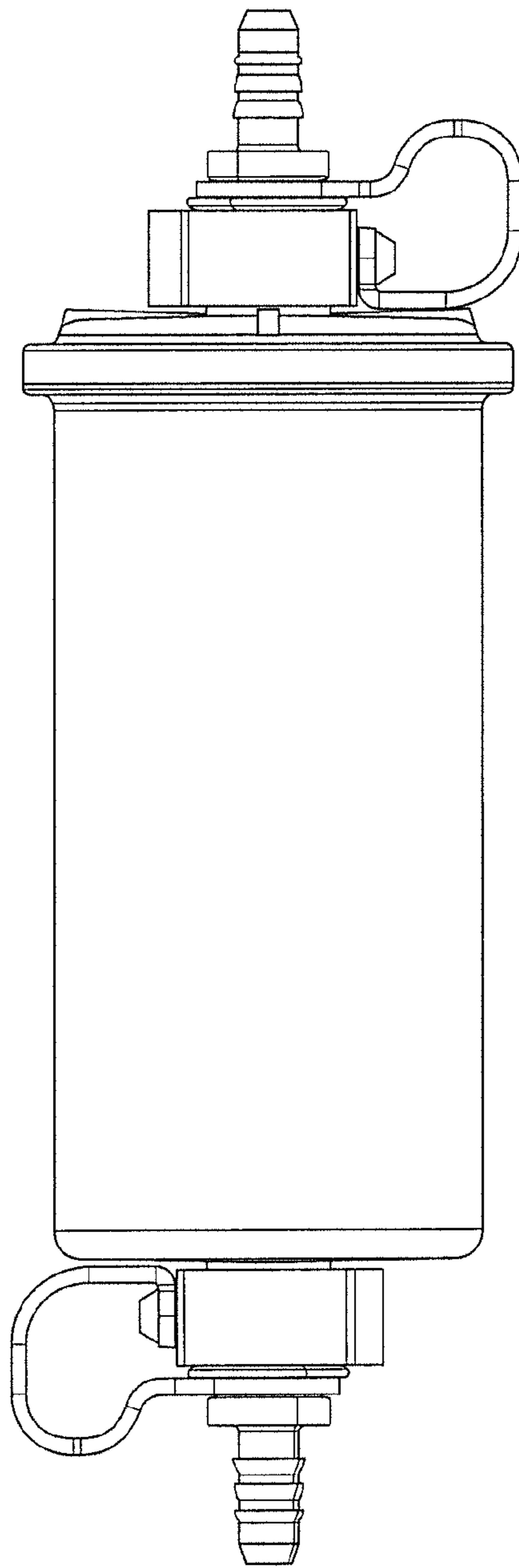


FIG. 3

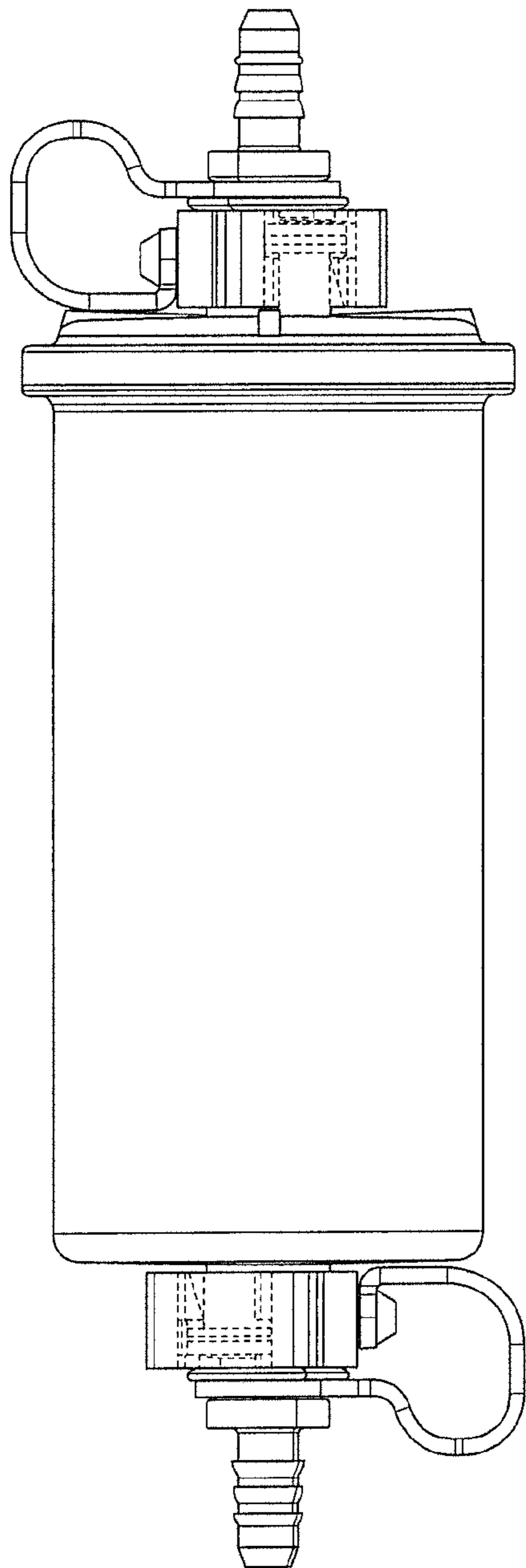


FIG. 4

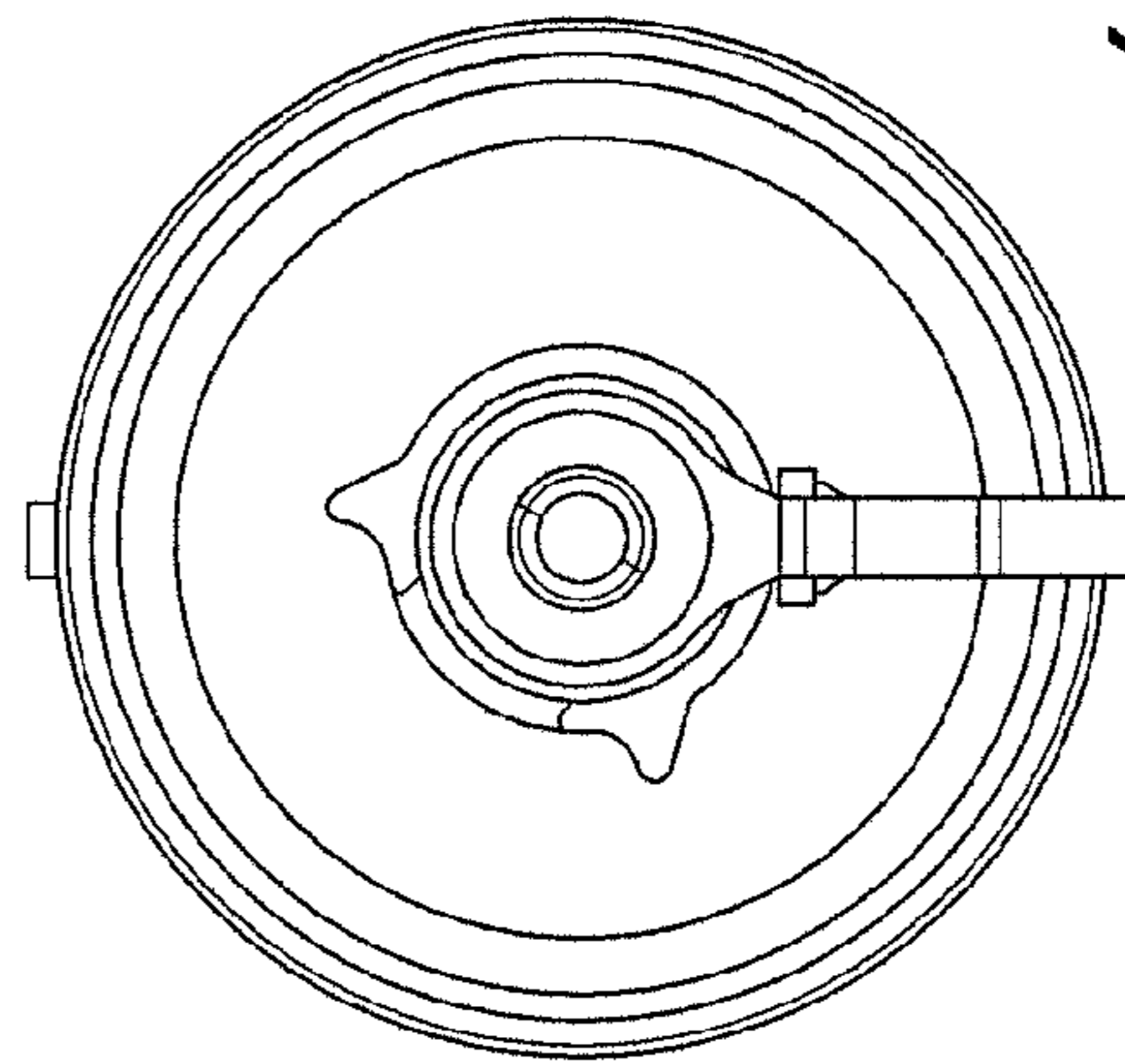


FIG. 6

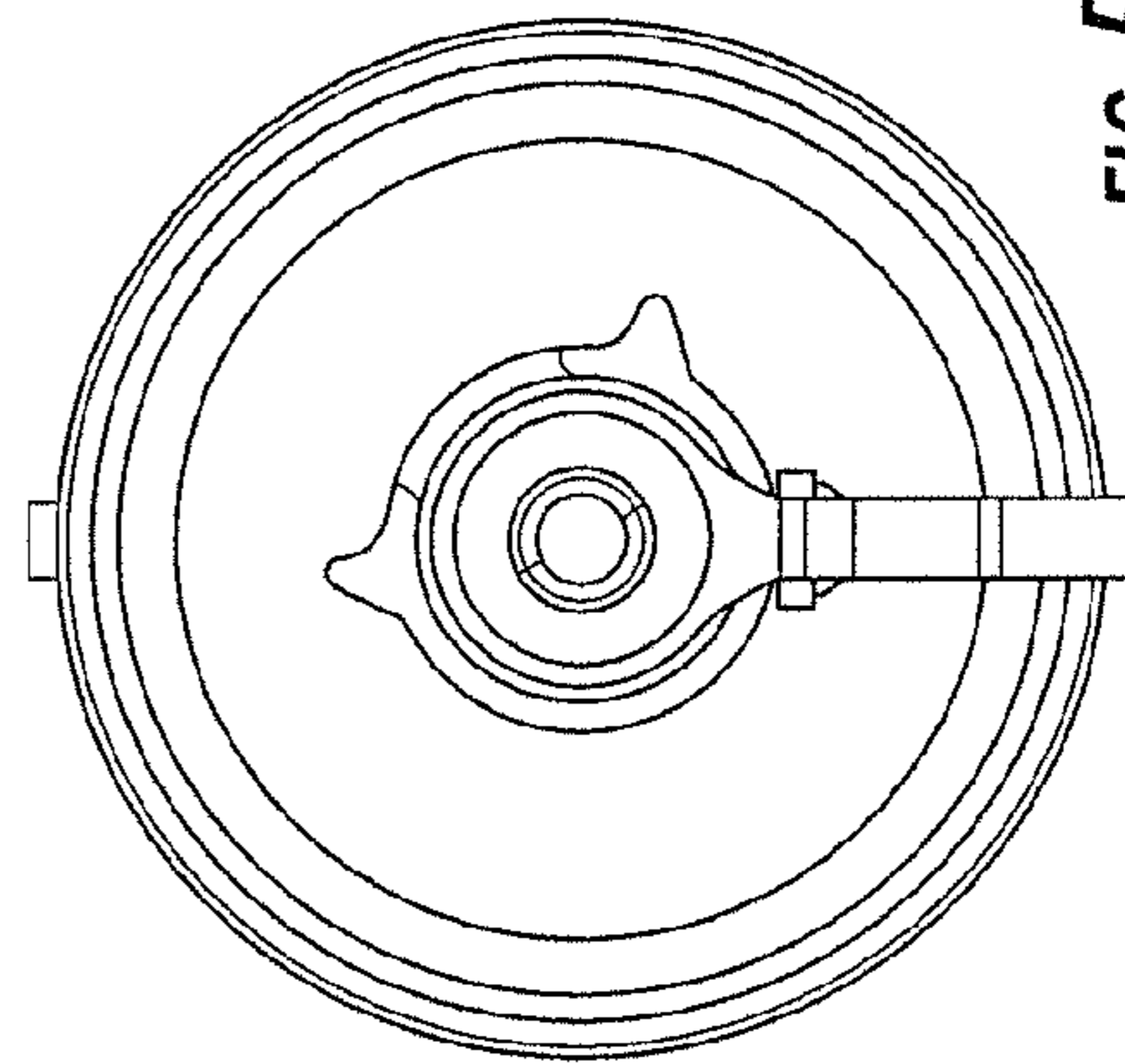


FIG. 5

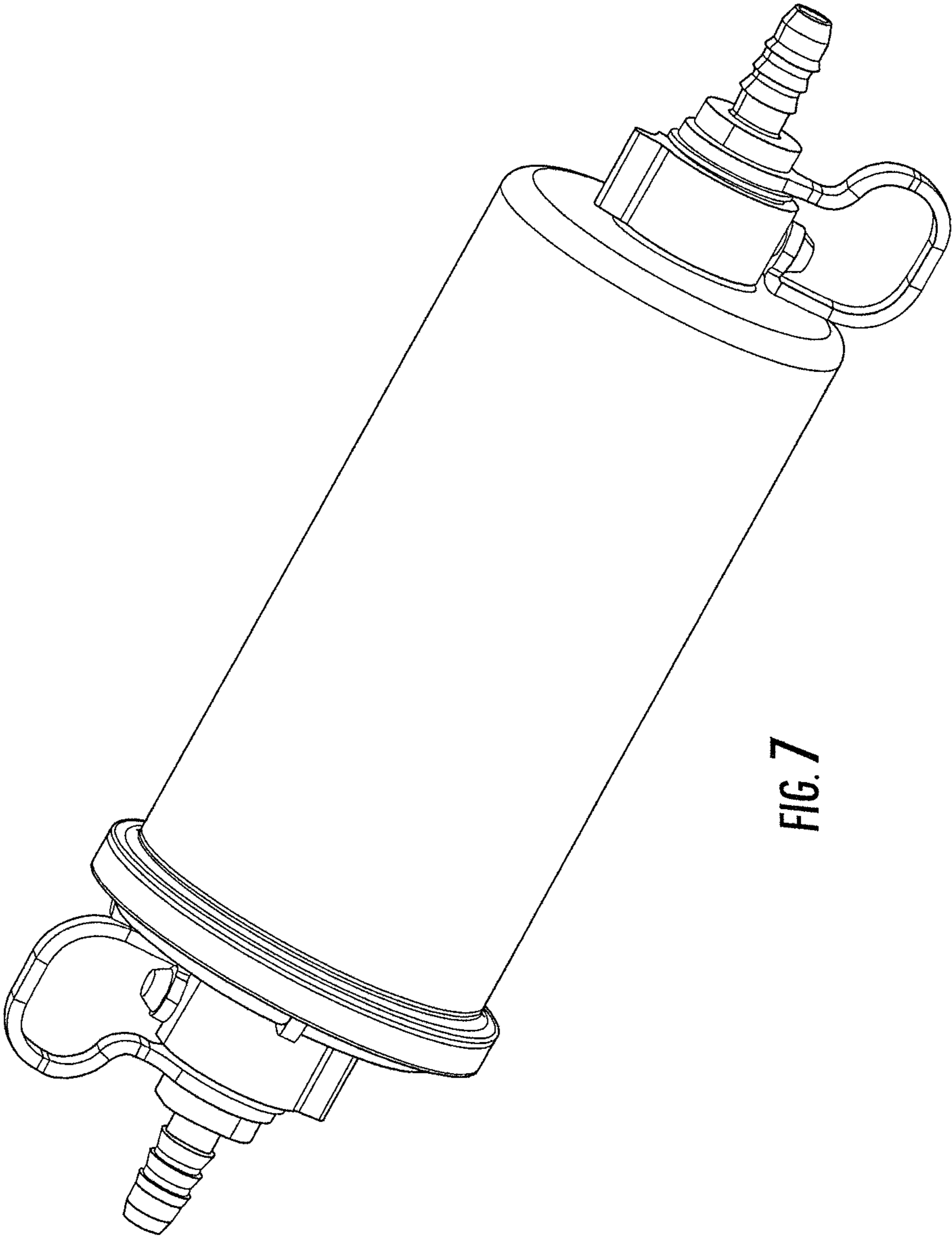


FIG. 7

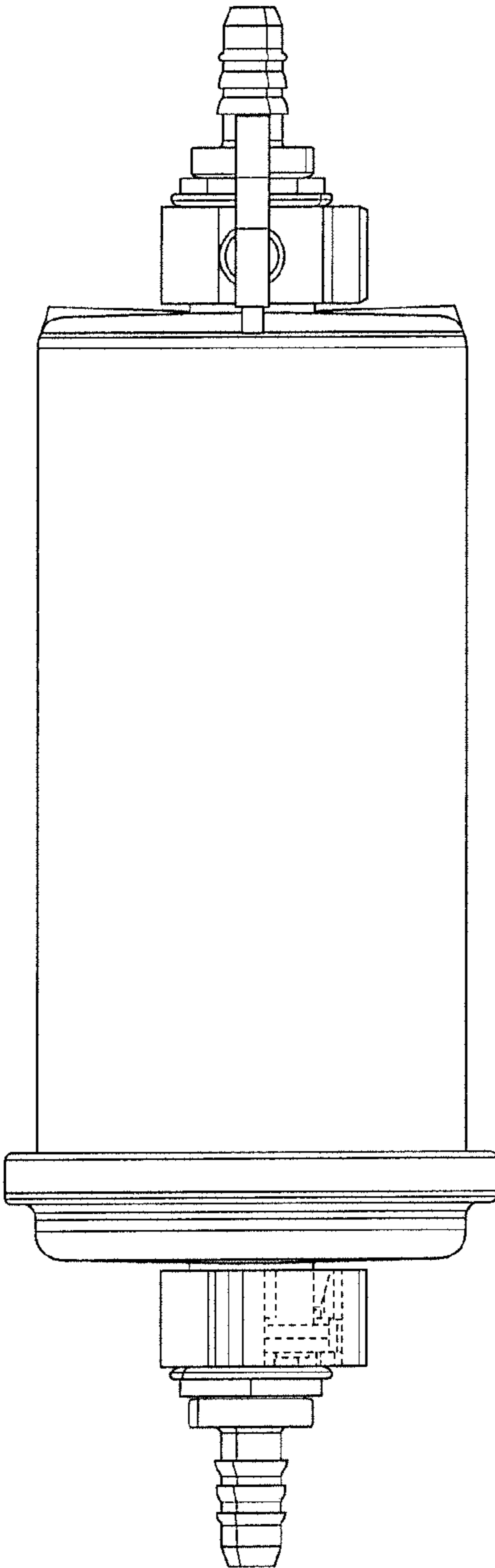


FIG. 8

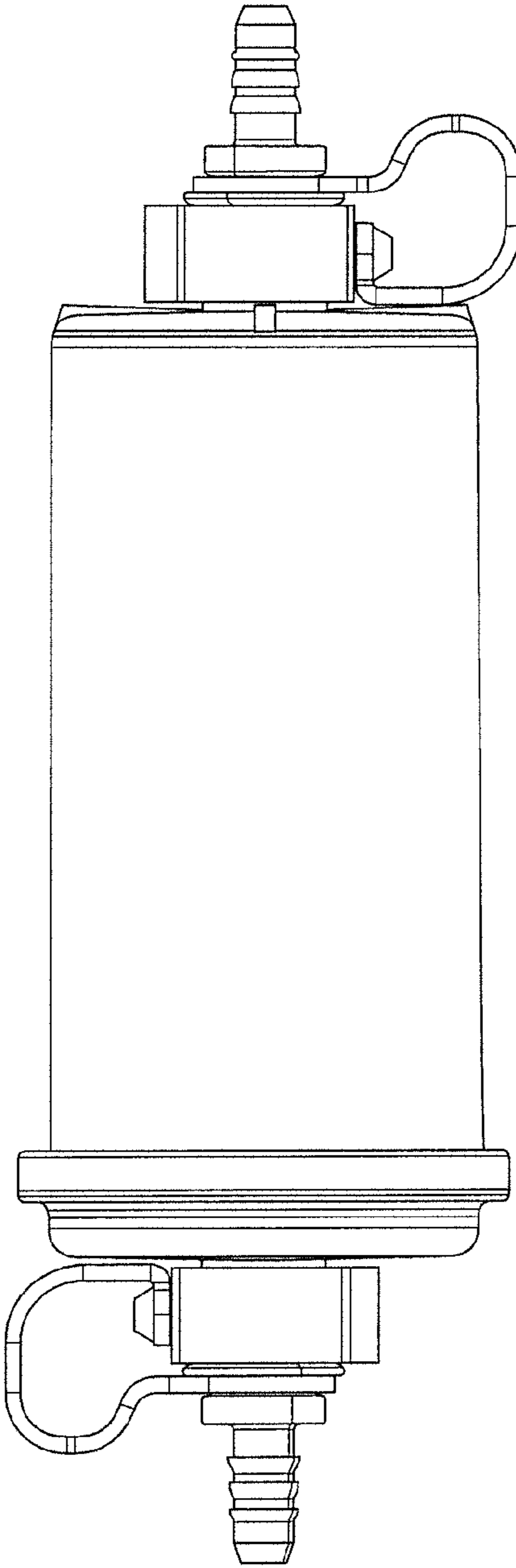


FIG. 9

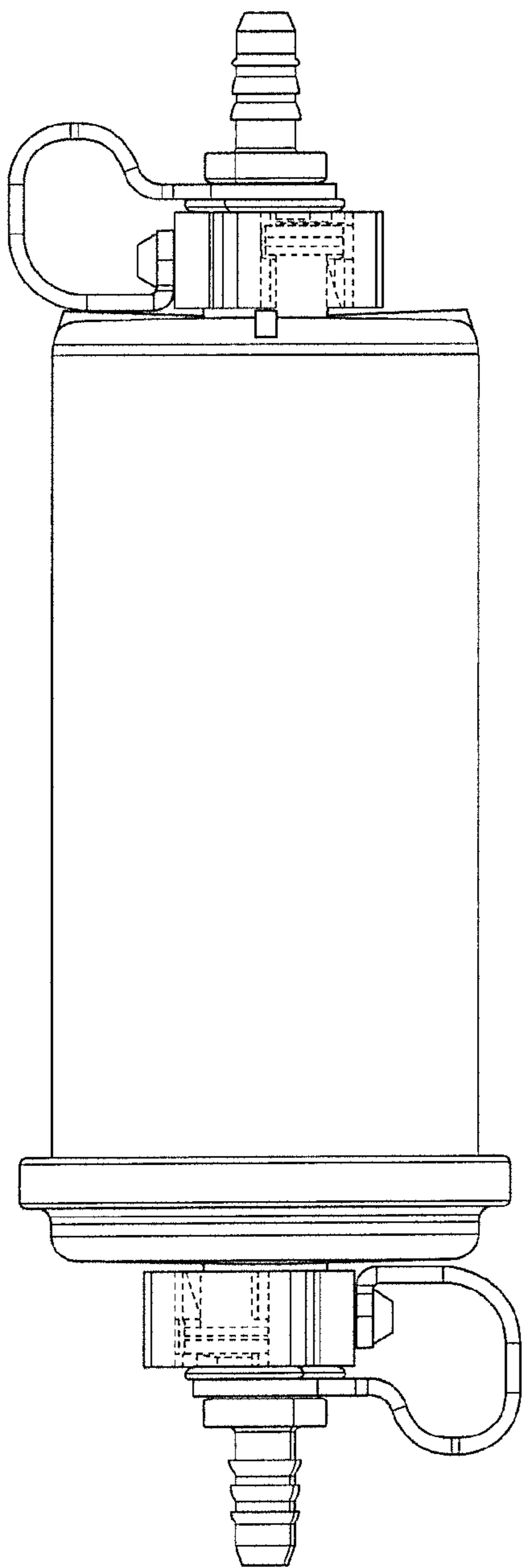


FIG. 10

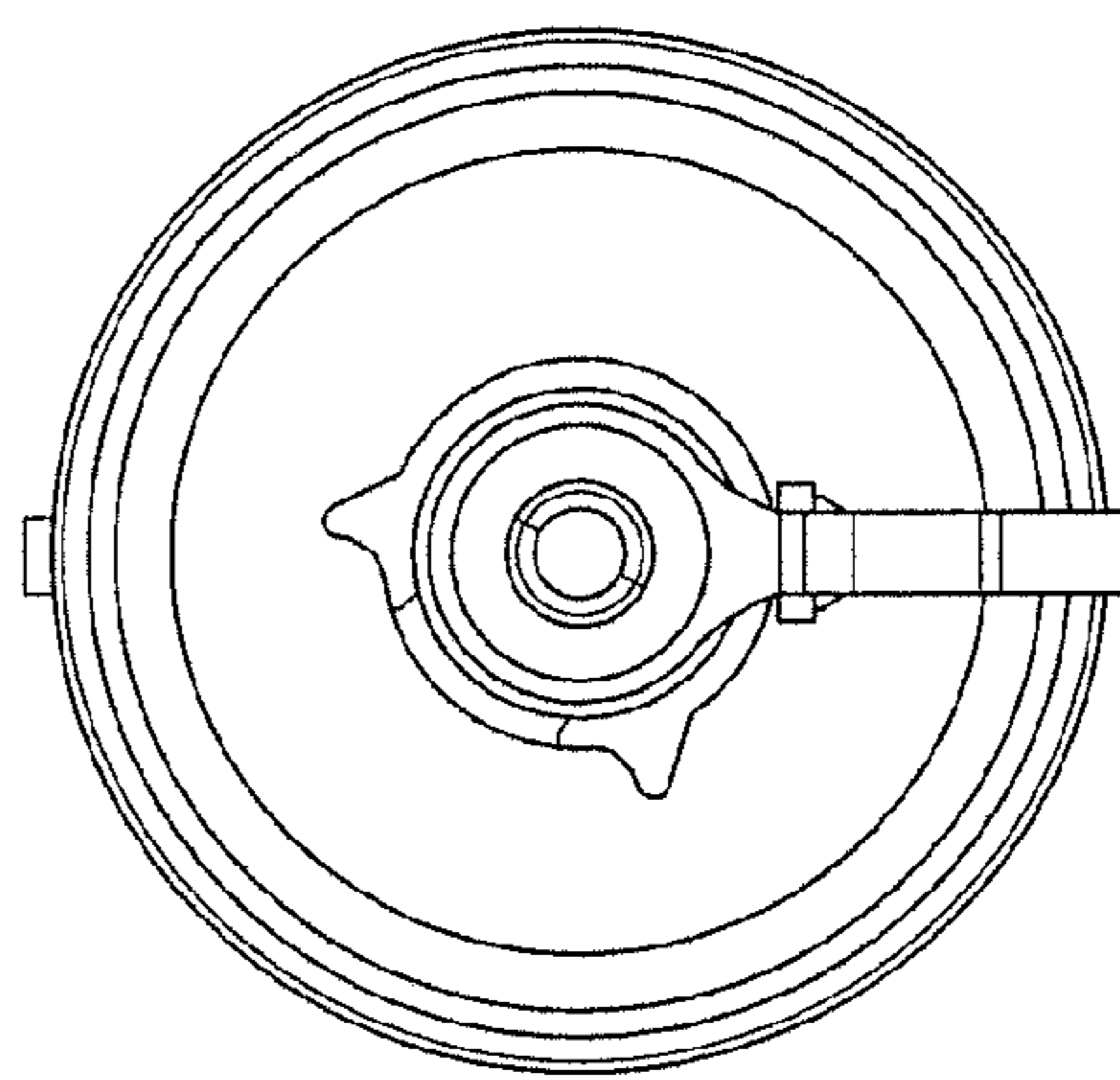


FIG. 12

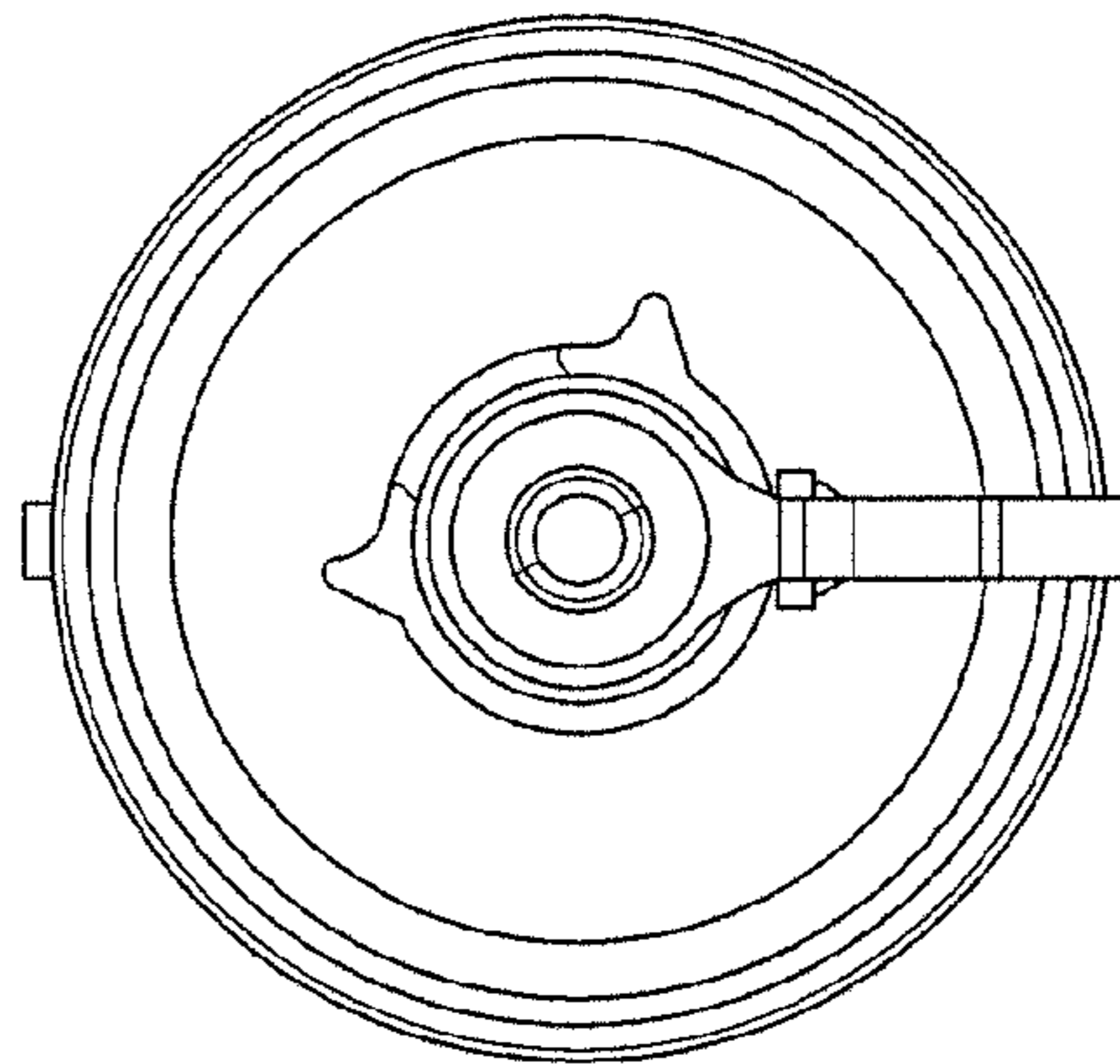


FIG. 17



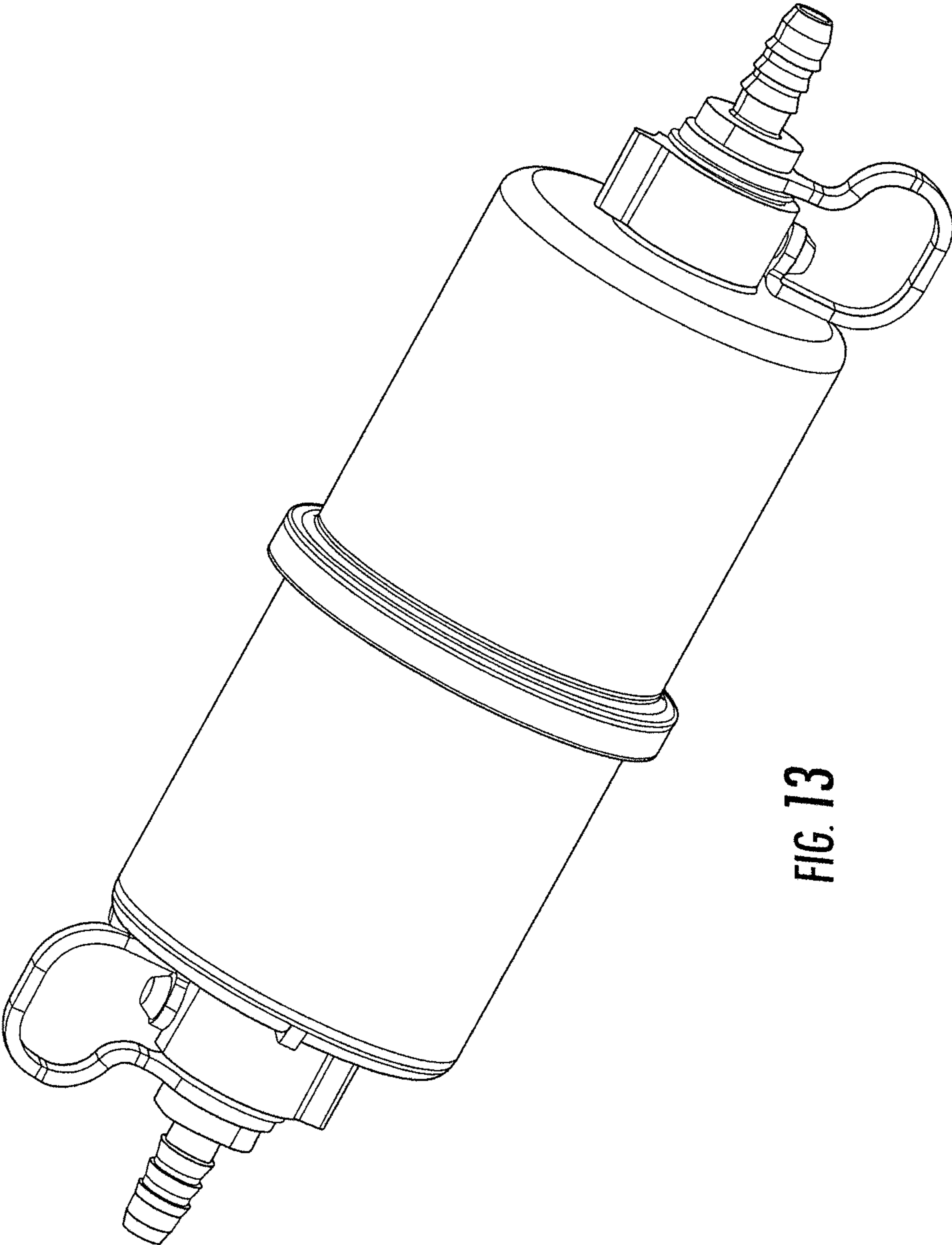


FIG. 13

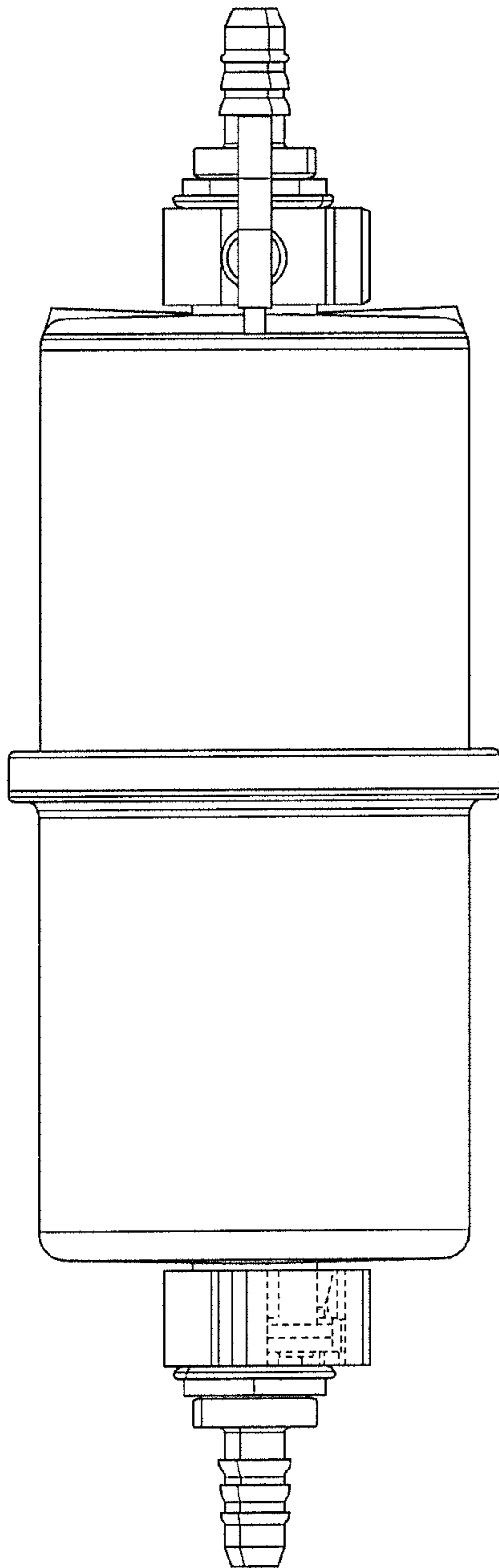


FIG. 14

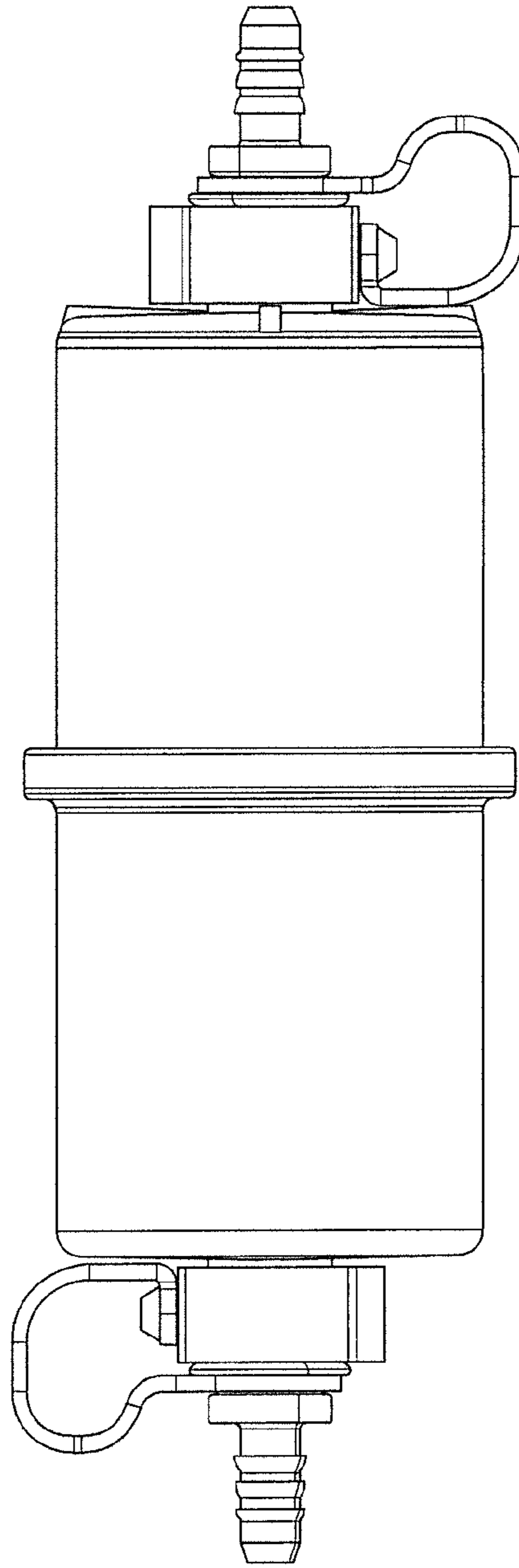


FIG. 15

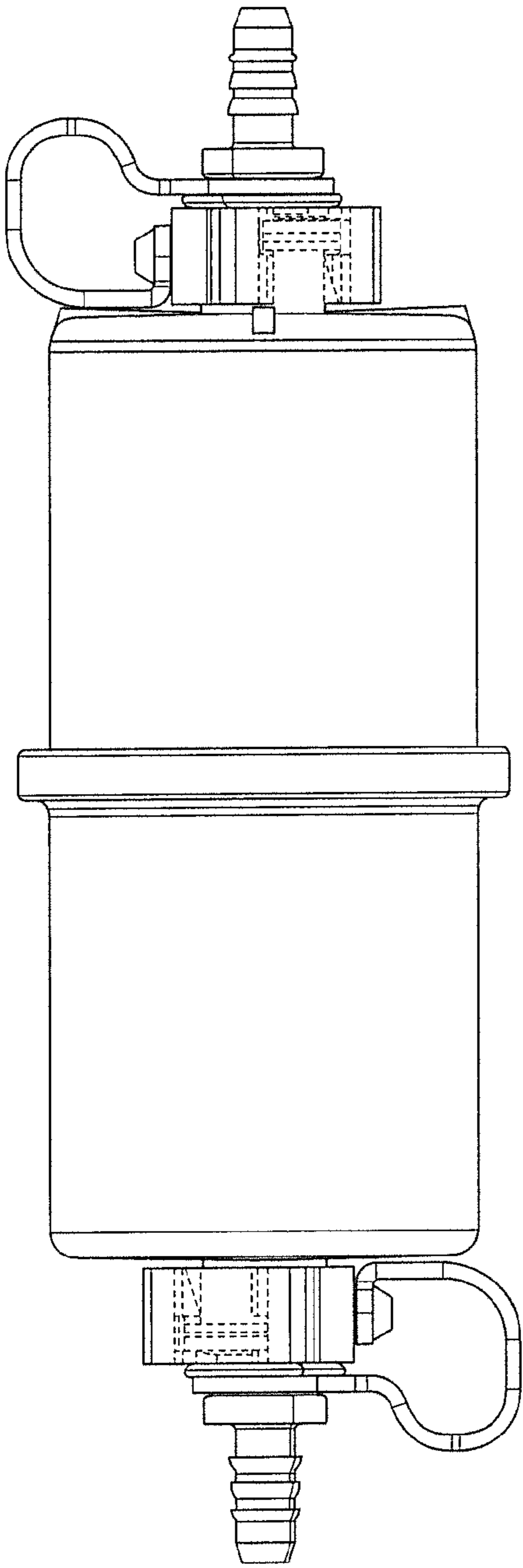


FIG. 16

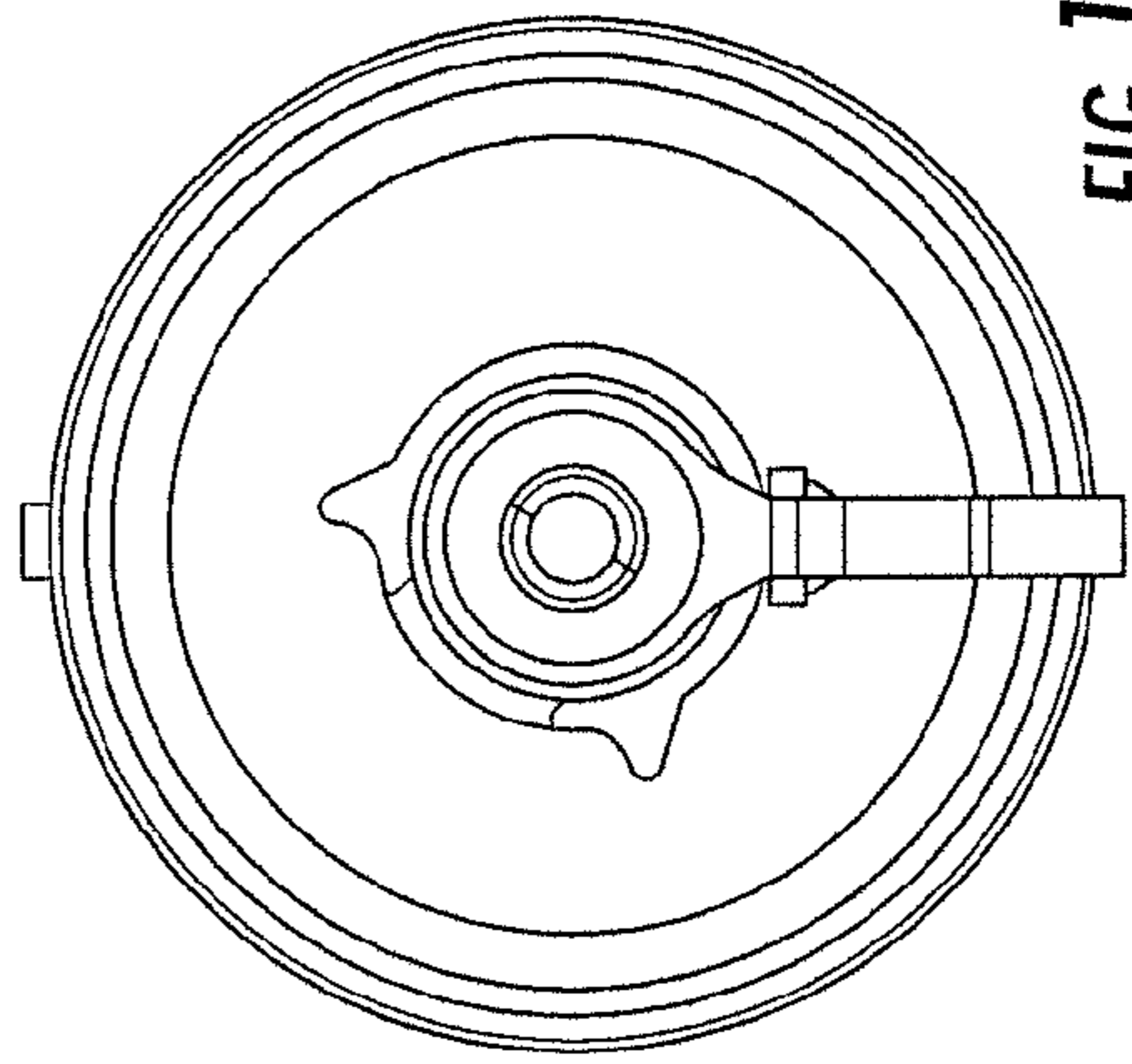


FIG. 18

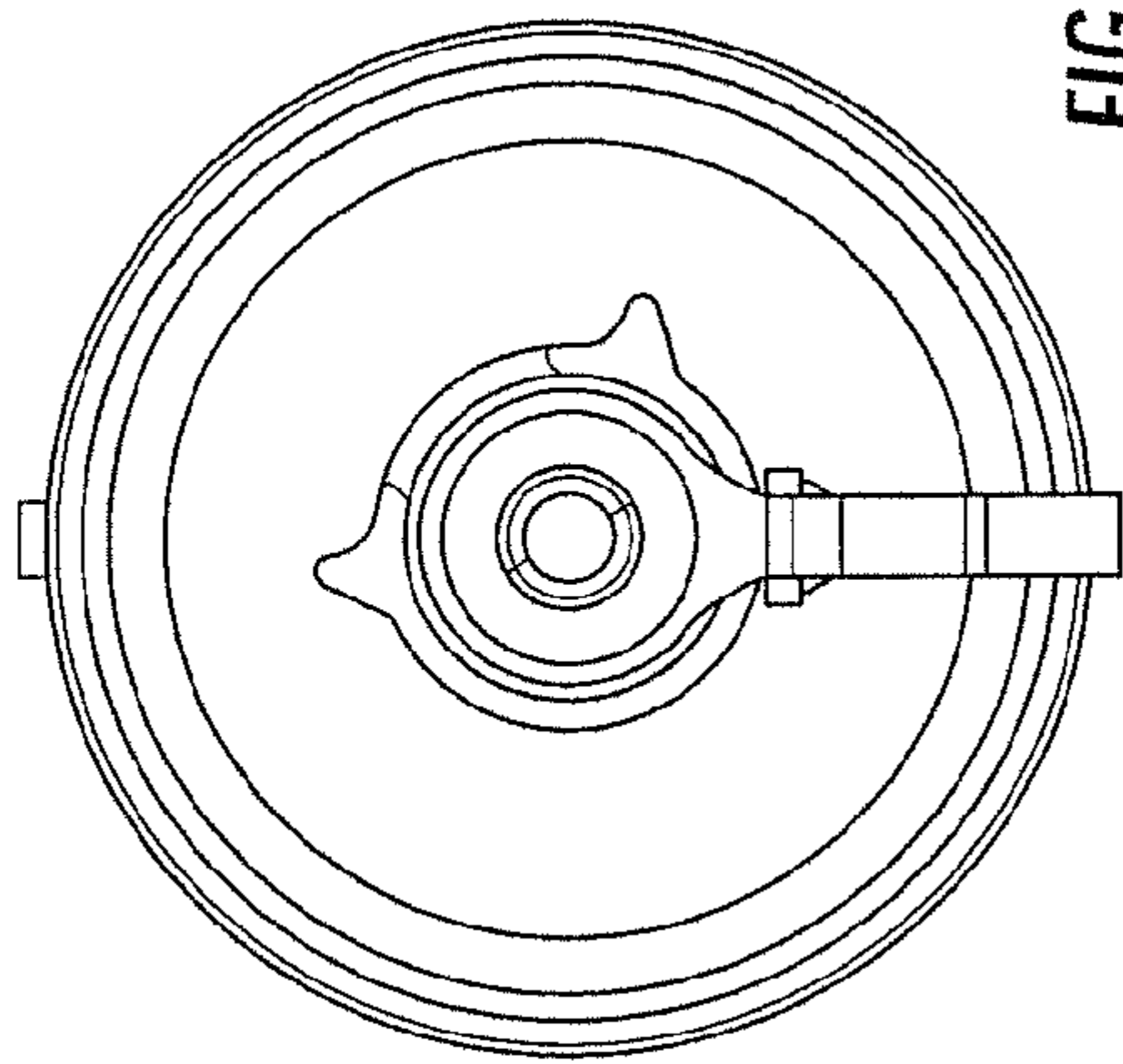


FIG. 17