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(12) **United States Design Patent** (10) **Patent No.:** **US D768,264 S**
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(54) **APPARATUS FOR PREVENTING FLUID GAS EXPLOSION AND CLEANING AND STERILIZING FLUID SUPPLYING LINE**

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

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(51) **LOC (10) Cl.** **23-01**

(52) **U.S. Cl.**
USPC **D23/233**

(58) **Field of Classification Search**
USPC D15/1-5; 422/179, 177, 211, 213;
136/253; 60/302, 299; D12/400, 194;
D23/314, 319, 322, 324, 338, 341, 233,
D23/200; D7/300; 222/195; 137/398, 202
CPC B08B 9/0321; B67D 1/125; B67D 1/07;
B67D 1/0042; B67D 1/0003
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

4,466,558	A *	8/1984	Dugge	.....	B65D 88/72 222/195
5,897,676	A *	4/1999	Engel et al.	.....	55/498
6,286,730	B1 *	9/2001	Amidzich	.....	B67D 1/0802 137/212
6,321,938	B1 *	11/2001	Edwards	.....	B67D 1/0044 222/1
6,422,261	B1 *	7/2002	DeCapua	.....	B29C 65/0672 137/202
D538,890	S *	3/2007	Park	.....	D23/233
7,238,216	B2 *	7/2007	Malgorn et al.	.....	55/418
8,291,902	B2 *	10/2012	Abrams	.....	A61M 11/02 128/200.21
2003/0111111	A1 *	6/2003	Zorine	.....	F16K 24/044 137/202
2003/0132241	A1 *	7/2003	Treat	.....	B65D 88/703 222/4

2004/0139734	A1 *	7/2004	Schmeichel et al.	.....	60/283
2007/0257059	A1 *	11/2007	Stevenson	.....	A47J 31/41 222/129.4
2009/0285955	A1 *	11/2009	Crow	.....	A47J 31/401 426/474
2010/0101425	A1 *	4/2010	Herman et al.	.....	96/400
2013/0206792	A1 *	8/2013	Schroeder	.....	B67D 1/0021 222/129.1
2014/0209175	A1 *	7/2014	Cardia	.....	F16K 1/427 137/2
2014/0332561	A1 *	11/2014	Rey	.....	A47J 31/46 222/145.5
2015/0059872	A1 *	3/2015	Park	.....	B67D 1/07 137/398
2015/0090346	A1 *	4/2015	Erdmann	B60K 15/03519 137/202
2015/0129051	A1 *	5/2015	Schindler	F16K 24/042 137/202

* cited by examiner

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(57) **CLAIM**

The ornamental design for an apparatus for preventing fluid gas explosion and cleaning and sterilizing fluid supplying line, as shown and described.

DESCRIPTION

FIG. 1 is a front perspective view of a apparatus for preventing fluid gas explosion and cleaning and sterilizing fluid supplying line showing my new design;
FIG. 2 is a front view thereof;
FIG. 3 is a rear elevational view thereof;
FIG. 4 is a left side elevational view thereof;
FIG. 5 is a right side elevational view thereof;
FIG. 6 is a top plan view thereof;
FIG. 7 is a bottom view thereof;
FIG. 8 is a cross-sectional view of FIG. 1 taken along line 8-8' of FIG. 1; and,
FIG. 9 is an exploded perspective view thereof.

1 Claim, 8 Drawing Sheets

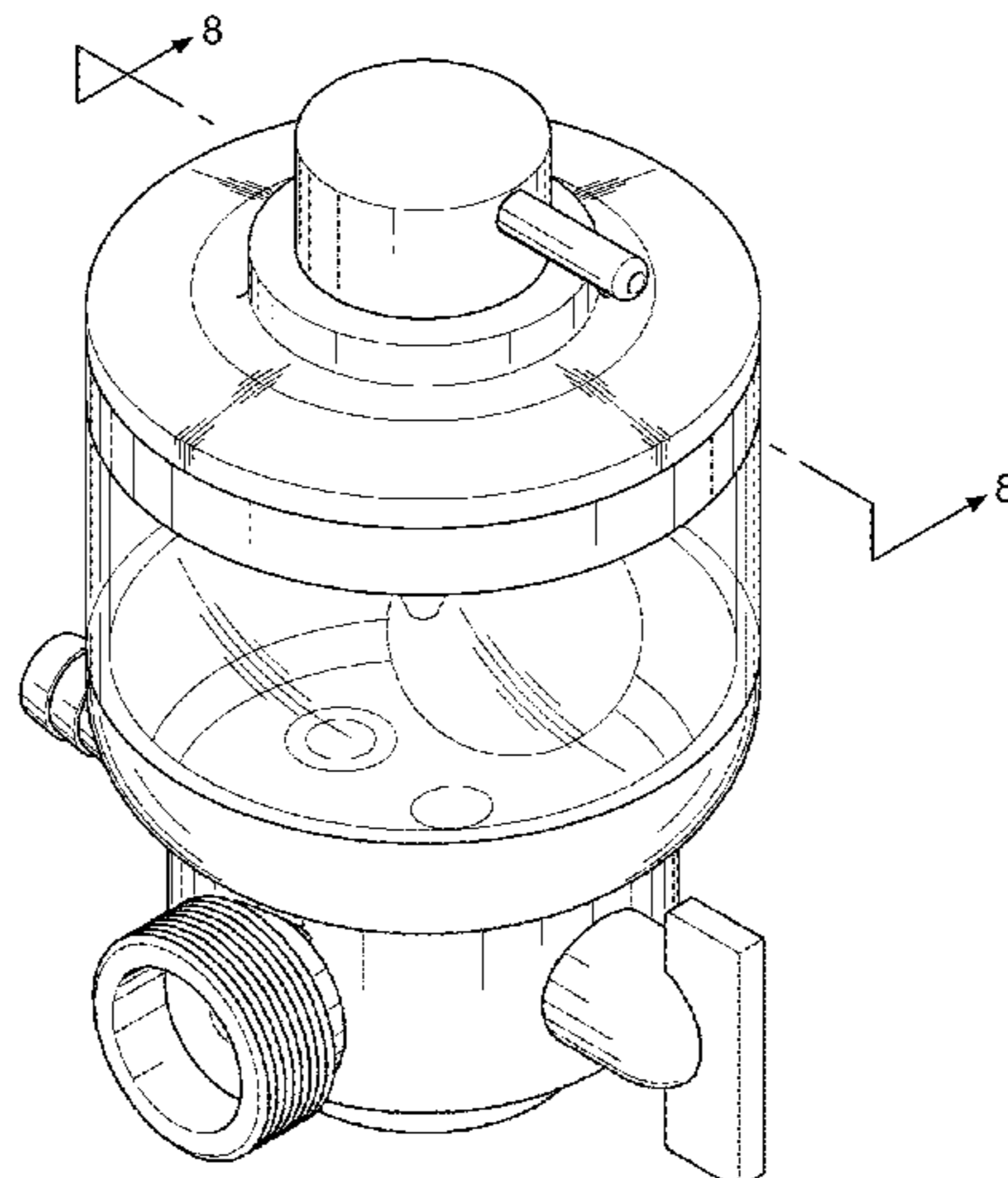


FIG. 1

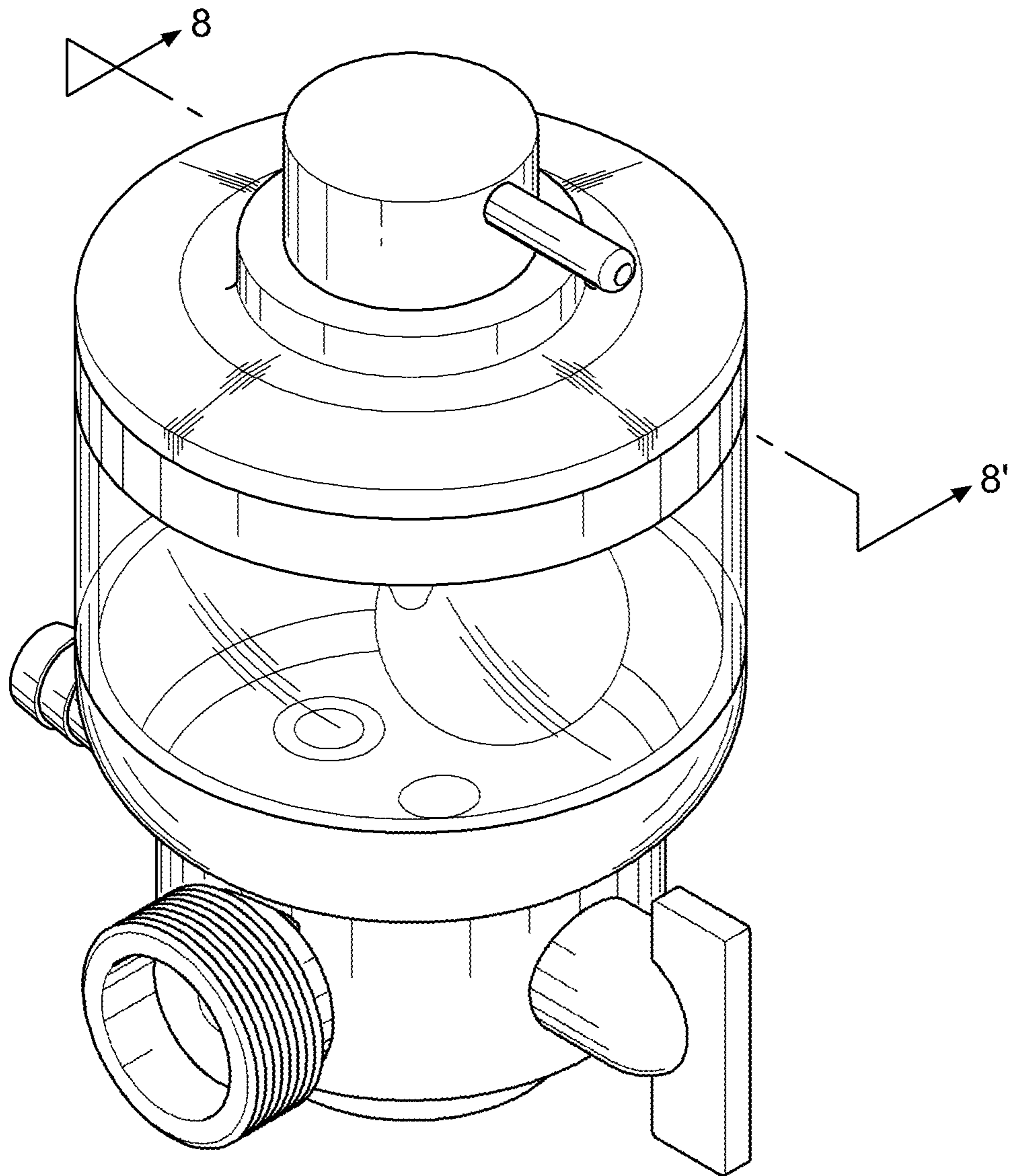


FIG. 2

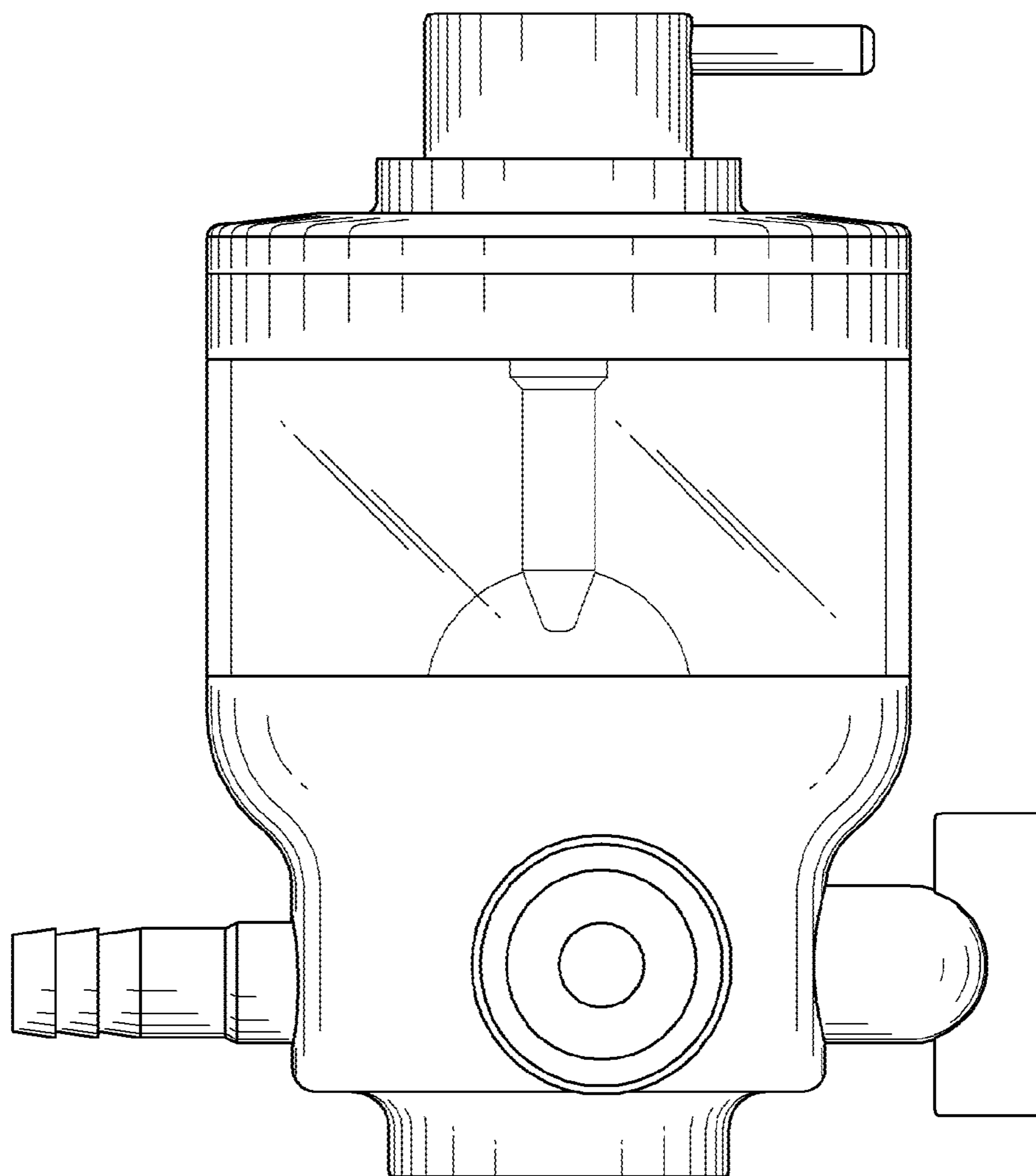


FIG. 3

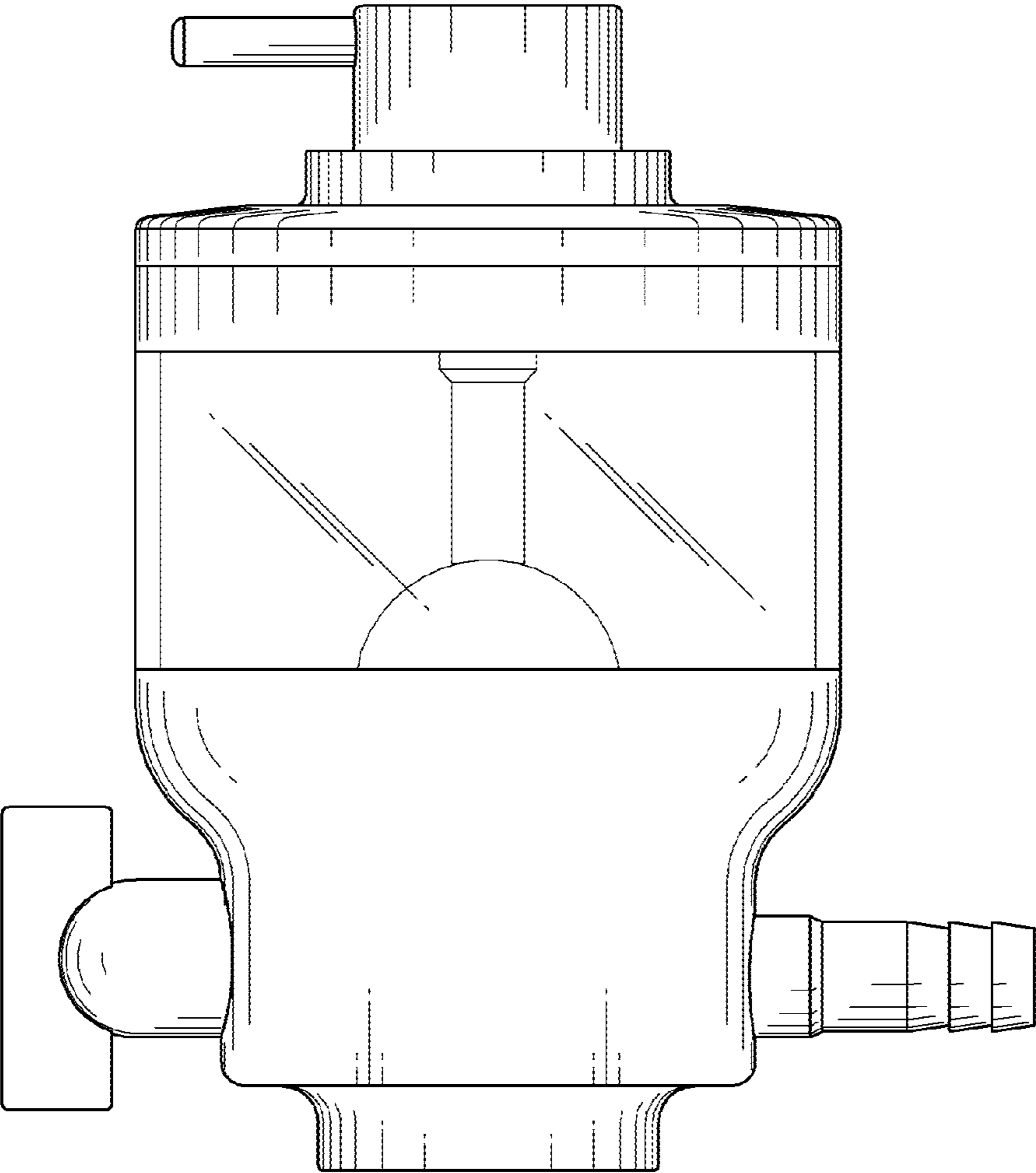


FIG. 4

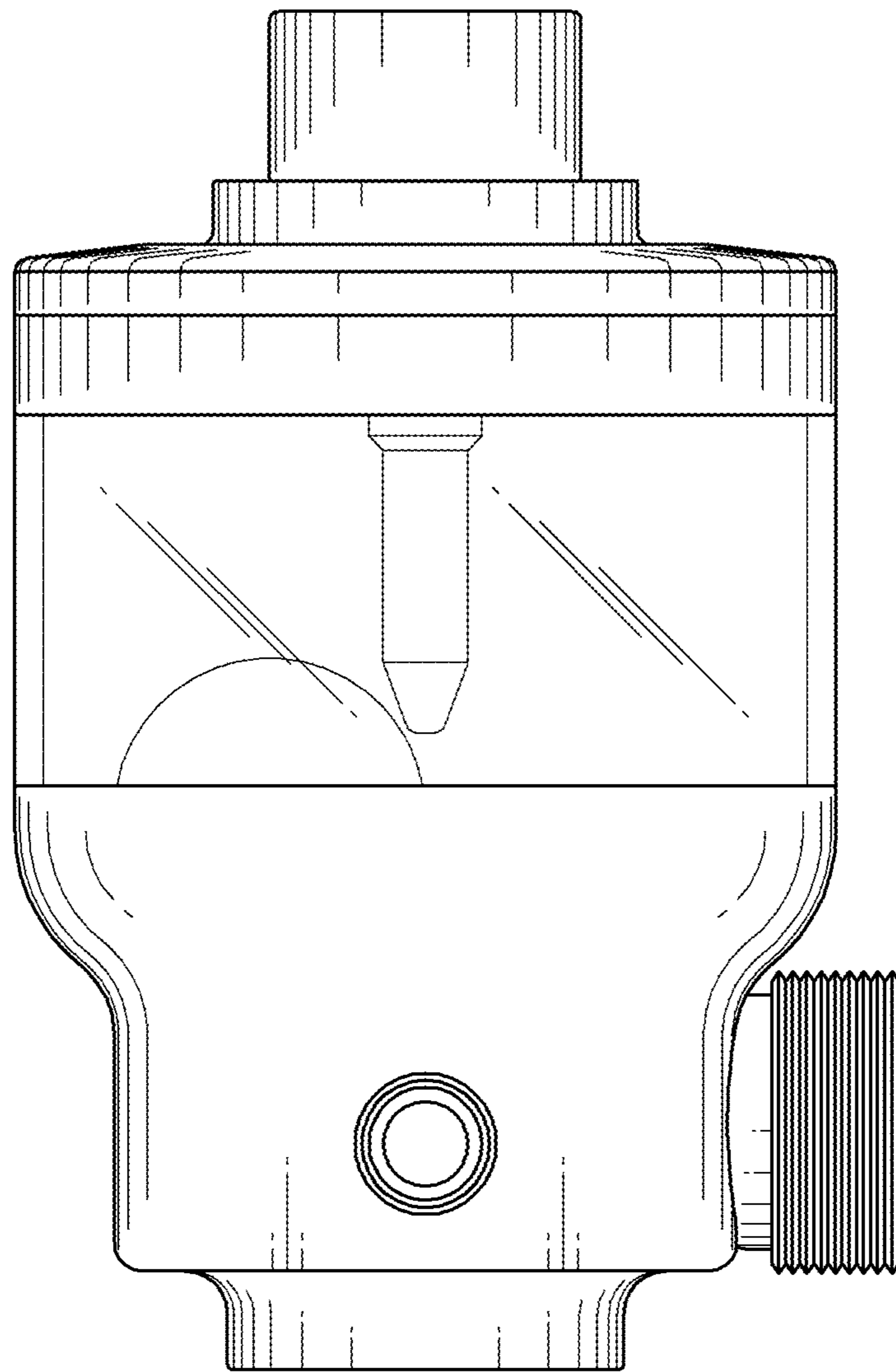


FIG. 5

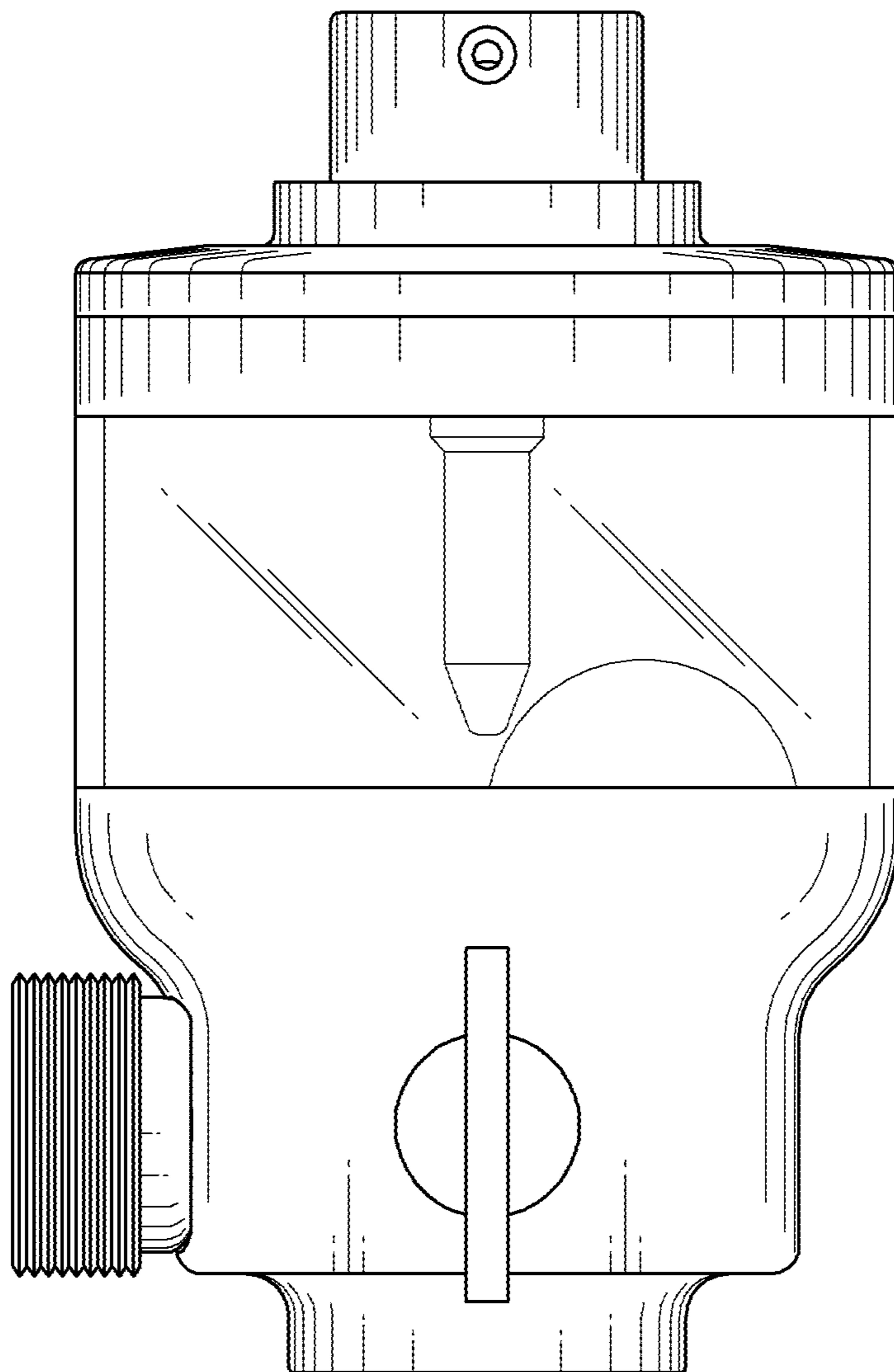


FIG. 6

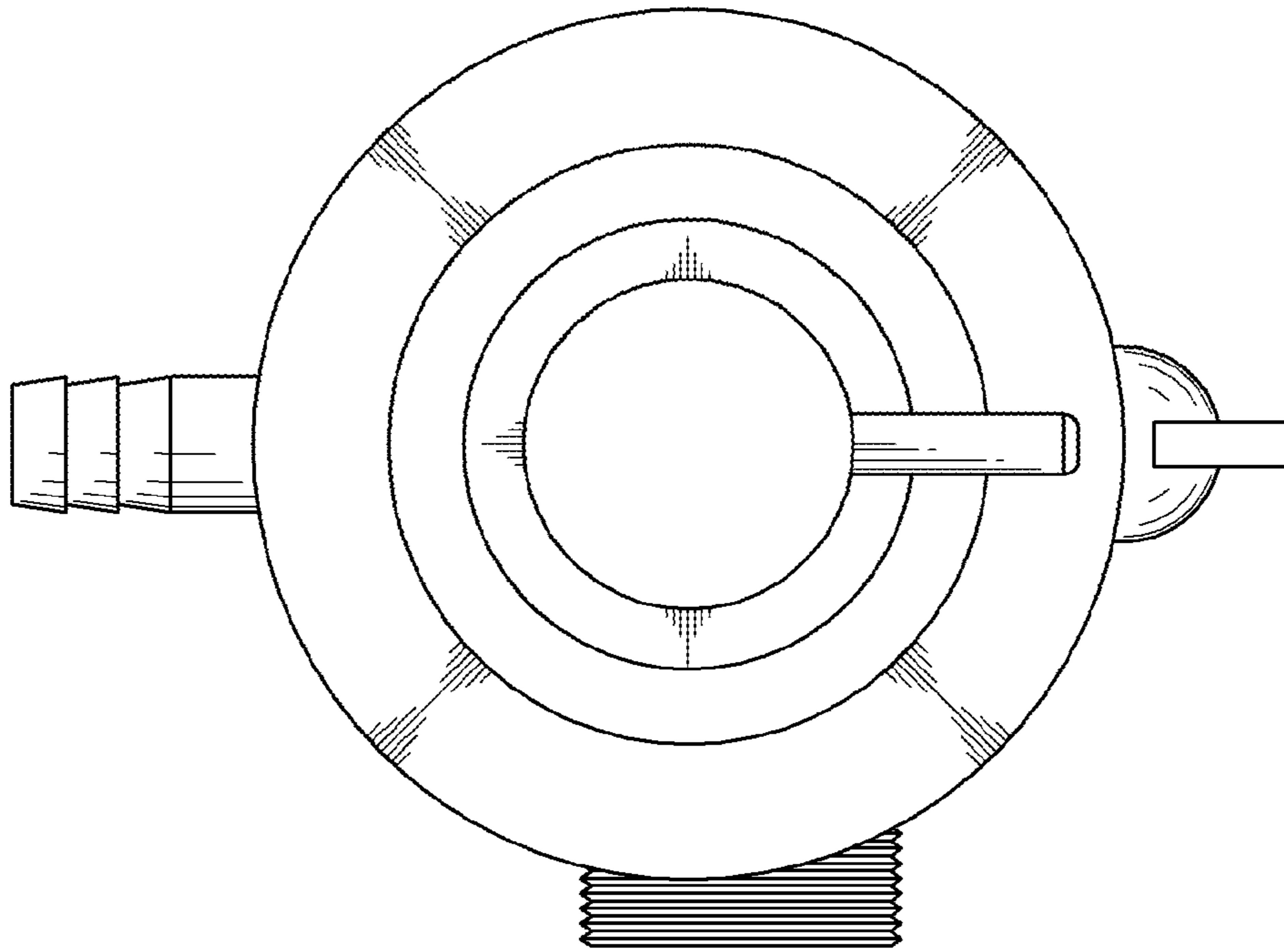


FIG. 7

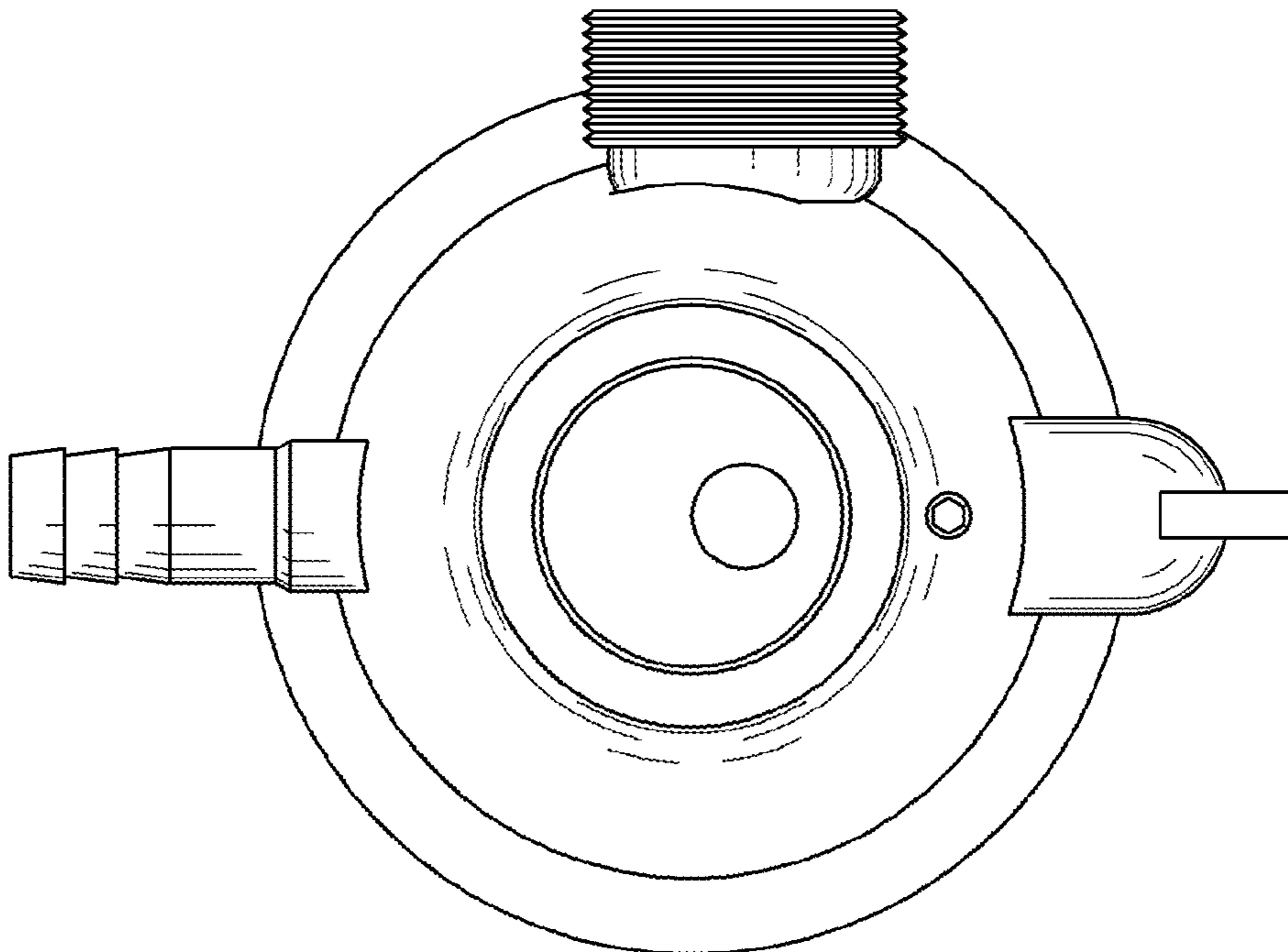


FIG. 8

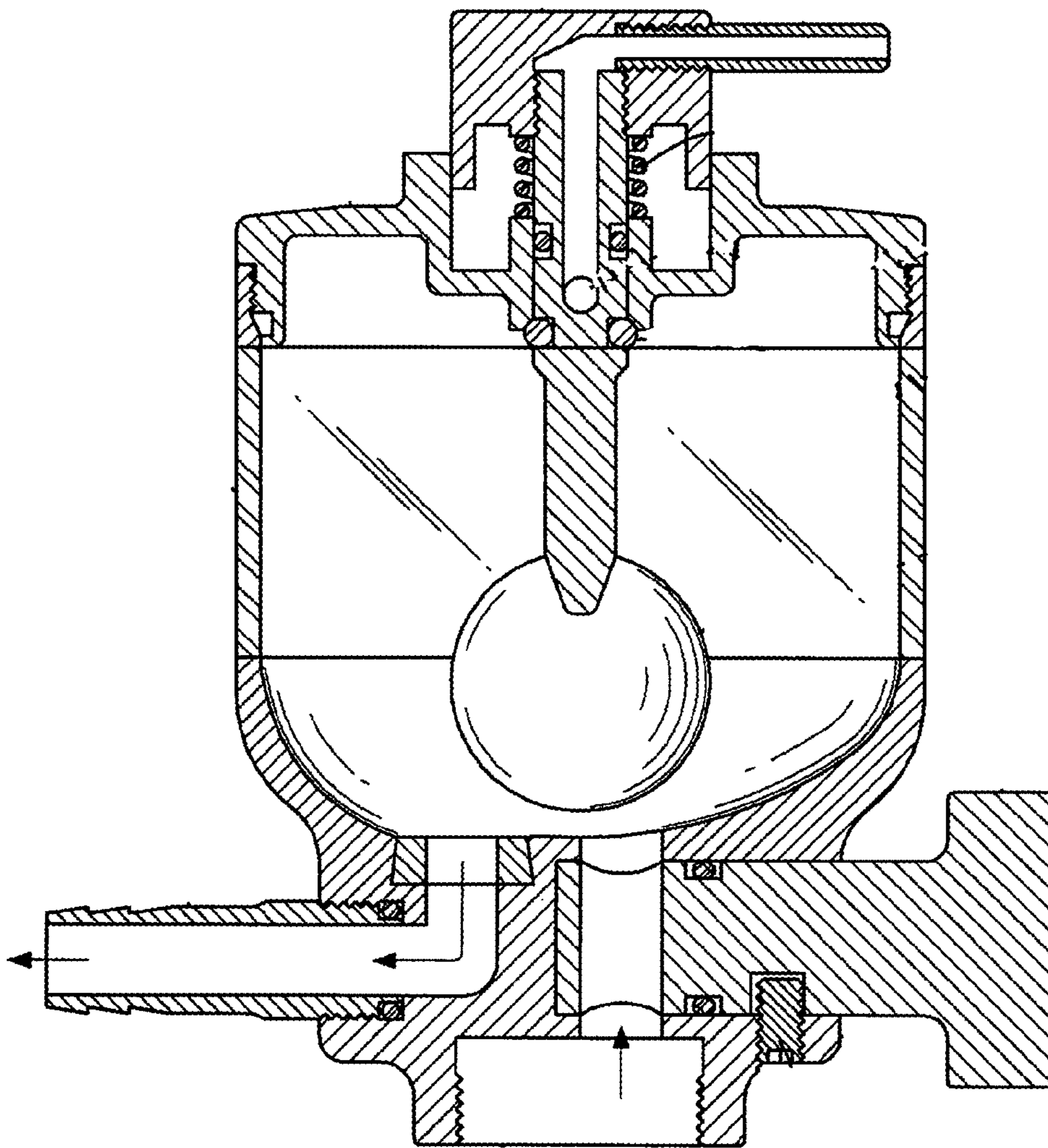


FIG. 9

