US00D744616S

(12) United States Design Patent

Sakata et al.

(10) Patent No.: US D744,616 S
(45) Date of Patent: ** Dec. 1, 2015

(54) **FLOW ADJUSTING VALVE**

(71) Applicant: **SURPASS INDUSTRY CO., LTD.**, Saitama (JP)

(72) Inventors: **Shouichi Sakata**, Saitama (JP); **Masahiro Hasunuma**, Saitama (JP)

(73) Assignee: **SURPASS INDUSTRY CO., LTD.**, Saitama (JP)

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

(21) Appl. No.: **29/464,360**

(22) Filed: **Aug. 15, 2013**

(30) **Foreign Application Priority Data**

Feb. 21, 2013 (JP) 2013-003602
Feb. 21, 2013 (JP) 2013-003603
Feb. 21, 2013 (JP) 2013-003604
Feb. 21, 2013 (JP) 2013-003605
Feb. 21, 2013 (JP) 2013-003606

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

(52) **U.S. Cl.**
USPC **D23/235**

(58) **Field of Classification Search**
USPC D23/233–250; 137/398, 545, 547, 549, 137/62; 251/129.01, 129.1, 129.16–129.18, 251/205, 208, 215, 309–312; 123/41.08
CPC ... F16K 11/0716; F16K 31/0613; F16K 3/24; F16K 11/027
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,522,430 A * 6/1996 Mittersteiner Urzua . 137/625.47
D428,114 S * 7/2000 Le Bars D23/233
D605,255 S * 12/2009 Lai D23/233
D635,644 S * 4/2011 Yamada D23/233
D639,392 S * 6/2011 Yamada D23/233

(Continued)

Primary Examiner — Cynthia Ramirez
Assistant Examiner — Gino Colan
(74) *Attorney, Agent, or Firm* — Lucas & Mercanti, LLP

(57) **CLAIM**

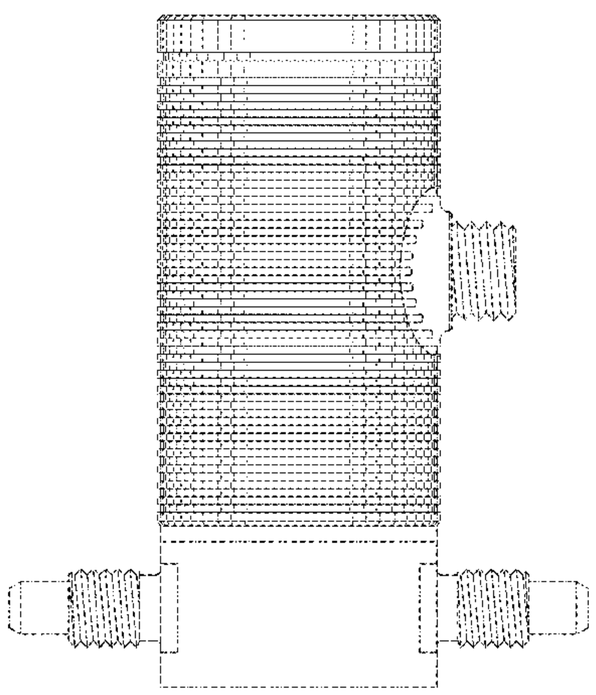
The ornamental design for an flow adjusting valve, as shown and described.

DESCRIPTION

FIG. **1** is a front elevation view of a first embodiment of a flow adjusting valve showing our new design;
FIG. **2** is a rear elevation view thereof;
FIG. **3** is a left elevation view thereof;
FIG. **4** is a right elevation view thereof;
FIG. **5** is a top view thereof;
FIG. **6** is a bottom view thereof;
FIG. **7** is a front elevation view of a second embodiment of flow adjusting valve showing our new design;
FIG. **8** is a rear elevation view thereof;
FIG. **9** is a left elevation view thereof;
FIG. **10** is a right elevation view thereof;
FIG. **11** is a top view thereof;
FIG. **12** is a bottom view thereof;
FIG. **13** is a front elevation view of a third embodiment of a flow adjusting valve showing our new design;
FIG. **14** is a rear elevation view thereof;
FIG. **15** is a left elevation view thereof;
FIG. **16** is a right elevation view thereof;
FIG. **17** is a top view thereof;
FIG. **18** is a bottom view thereof;
FIG. **19** is a front elevation view of a fourth embodiment of a flow adjusting valve showing our new design;
FIG. **20** is a rear elevation view thereof;
FIG. **21** is a left elevation view thereof;
FIG. **22** is a right elevation view thereof;
FIG. **23** is a top view thereof; and,
FIG. **24** is a bottom view thereof.

In the figure drawing views, the broken line represents unclaimed environment and forms no part of the claimed design. The dash-dot line represents the boundary of the claimed design.

1 Claim, 20 Drawing Sheets



(56) **References Cited**

U.S. PATENT DOCUMENTS

D667,930	S *	9/2012	Yamada	D23/235
D699,815	S *	2/2014	Petersen	D23/233
D700,285	S *	2/2014	Yang	D23/233
2011/0233437	A1 *	9/2011	Mattson et al.	251/309
2011/0240298	A1 *	10/2011	Rota et al.	166/320

* cited by examiner

FIG. 1

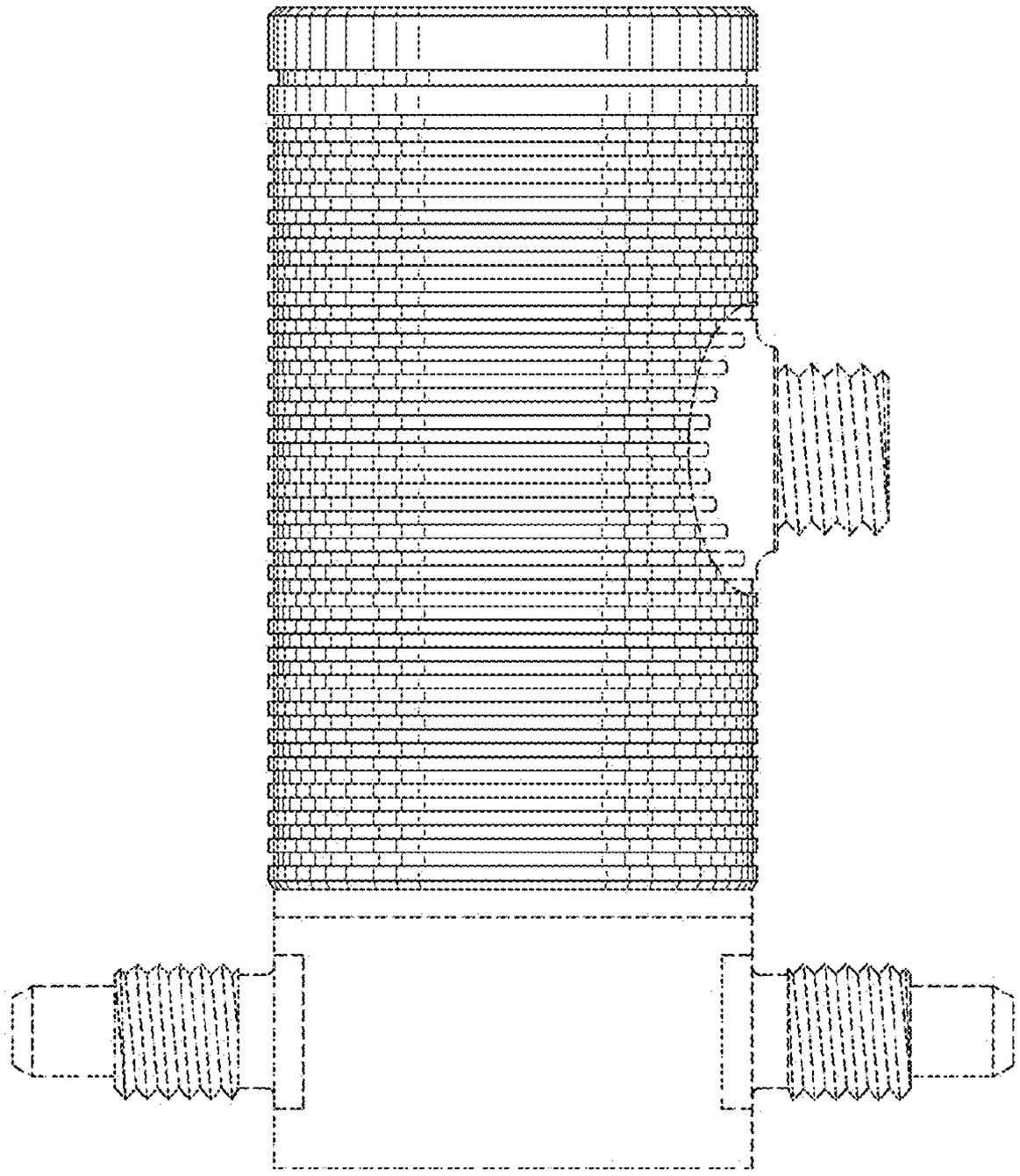


FIG. 2

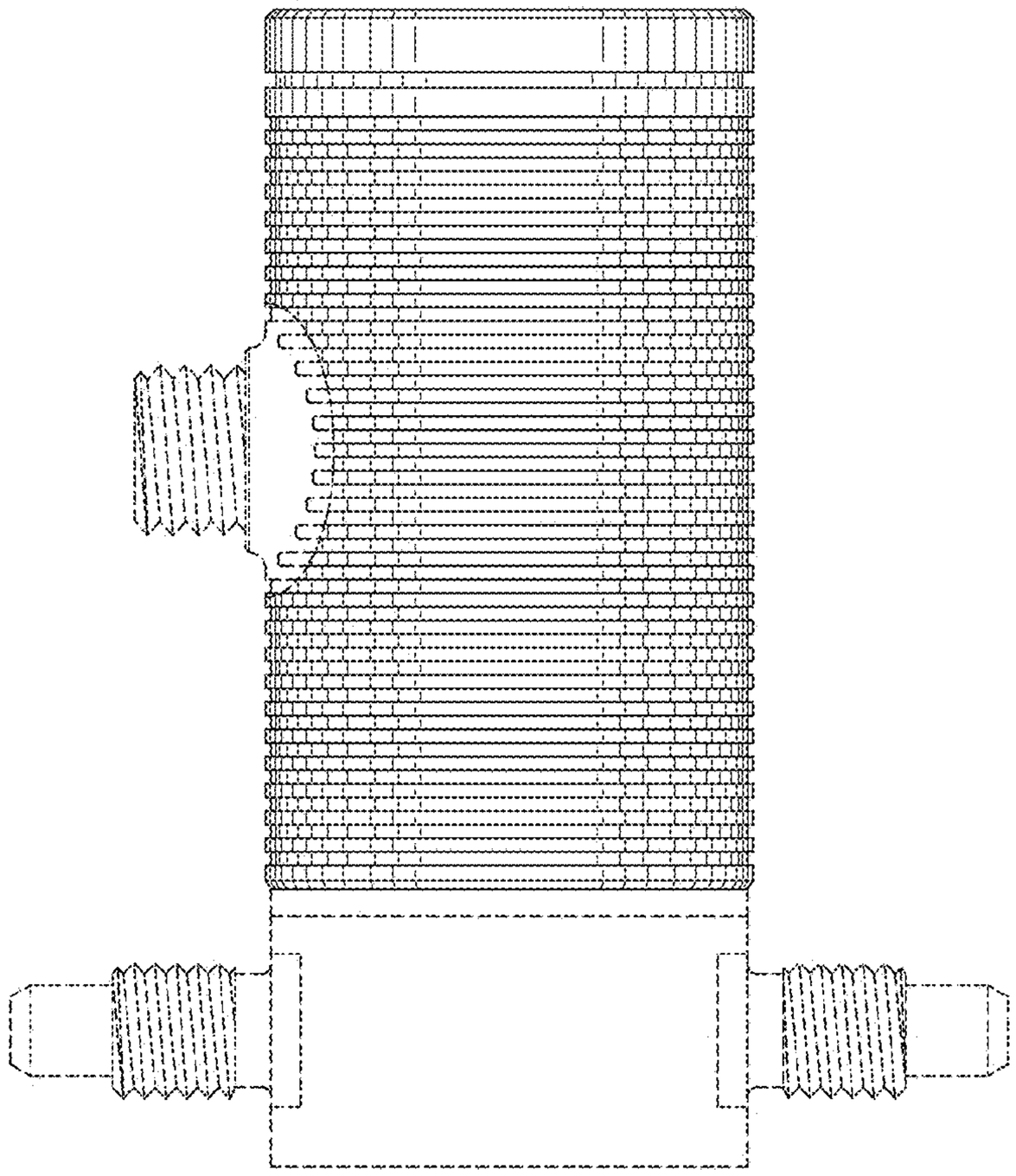


FIG. 3

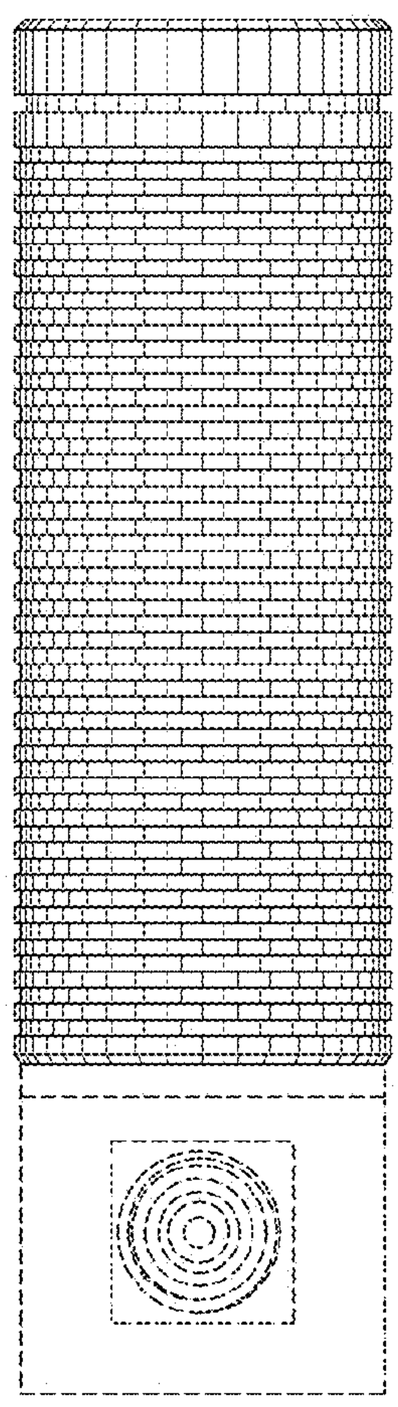


FIG. 4

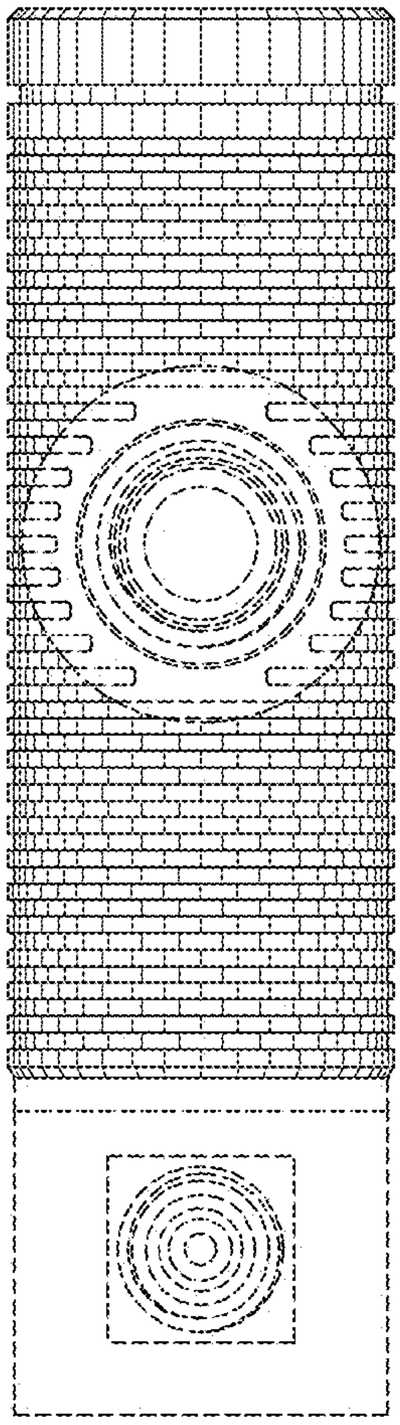


FIG. 5

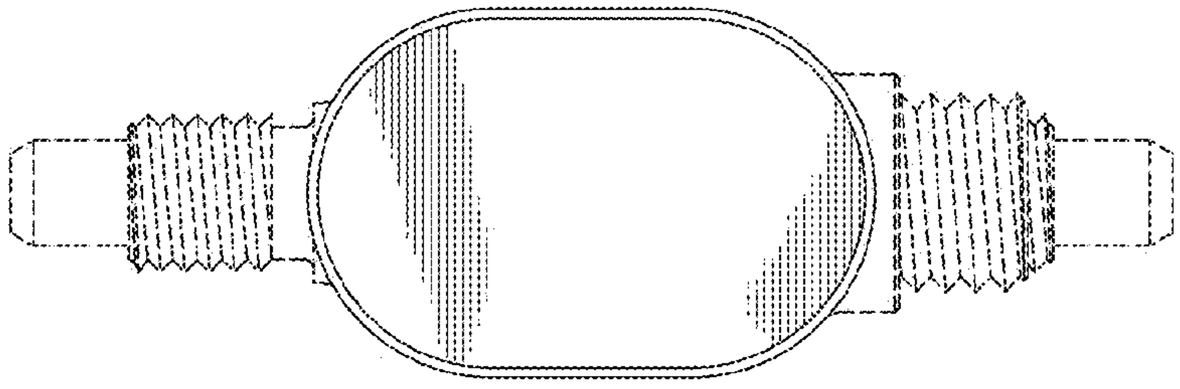


FIG. 6

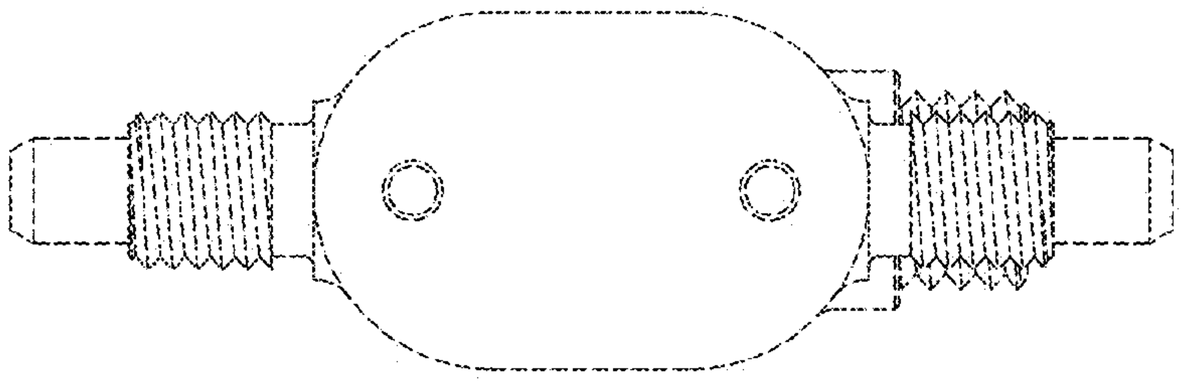


FIG. 7

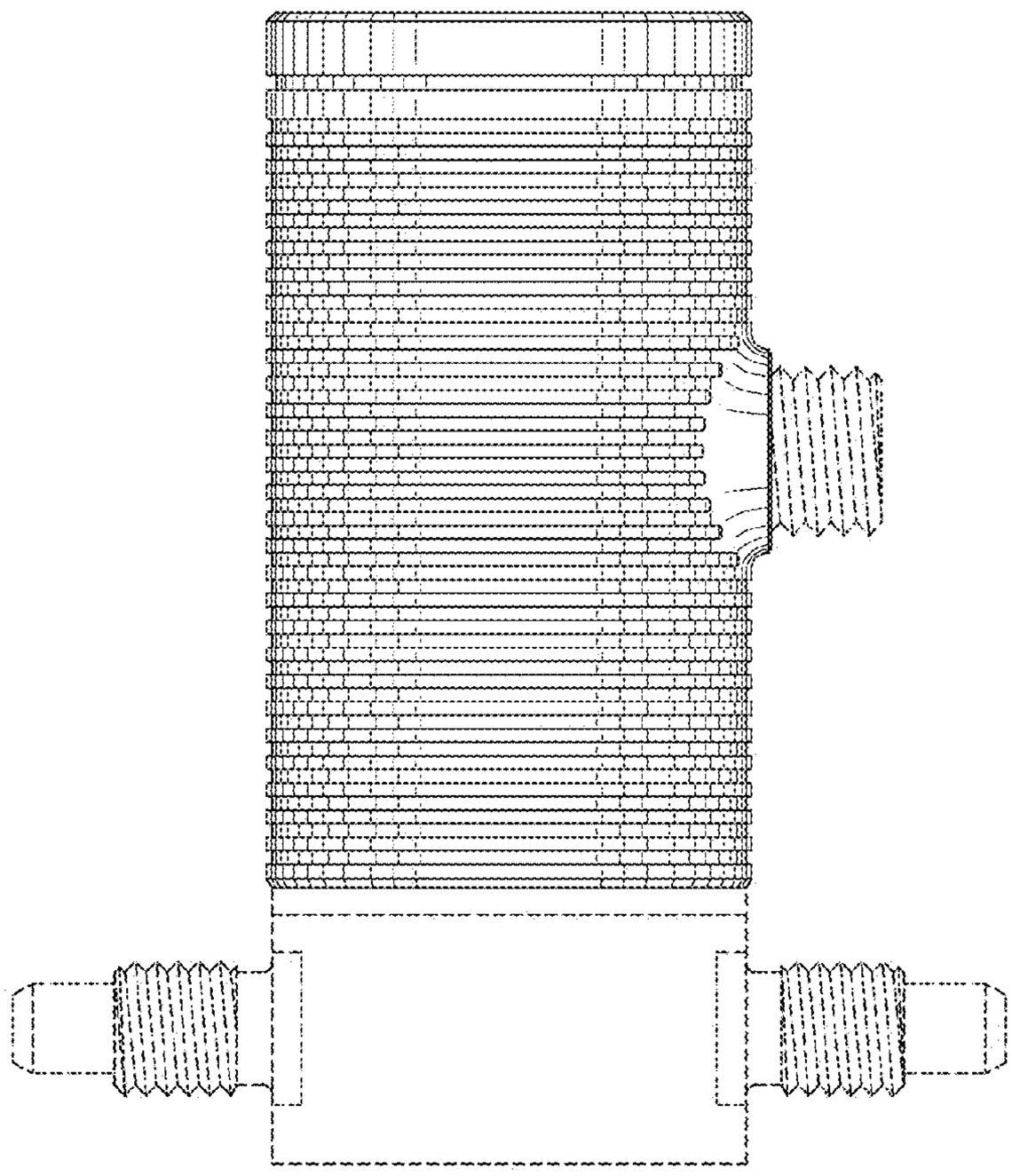


FIG. 8

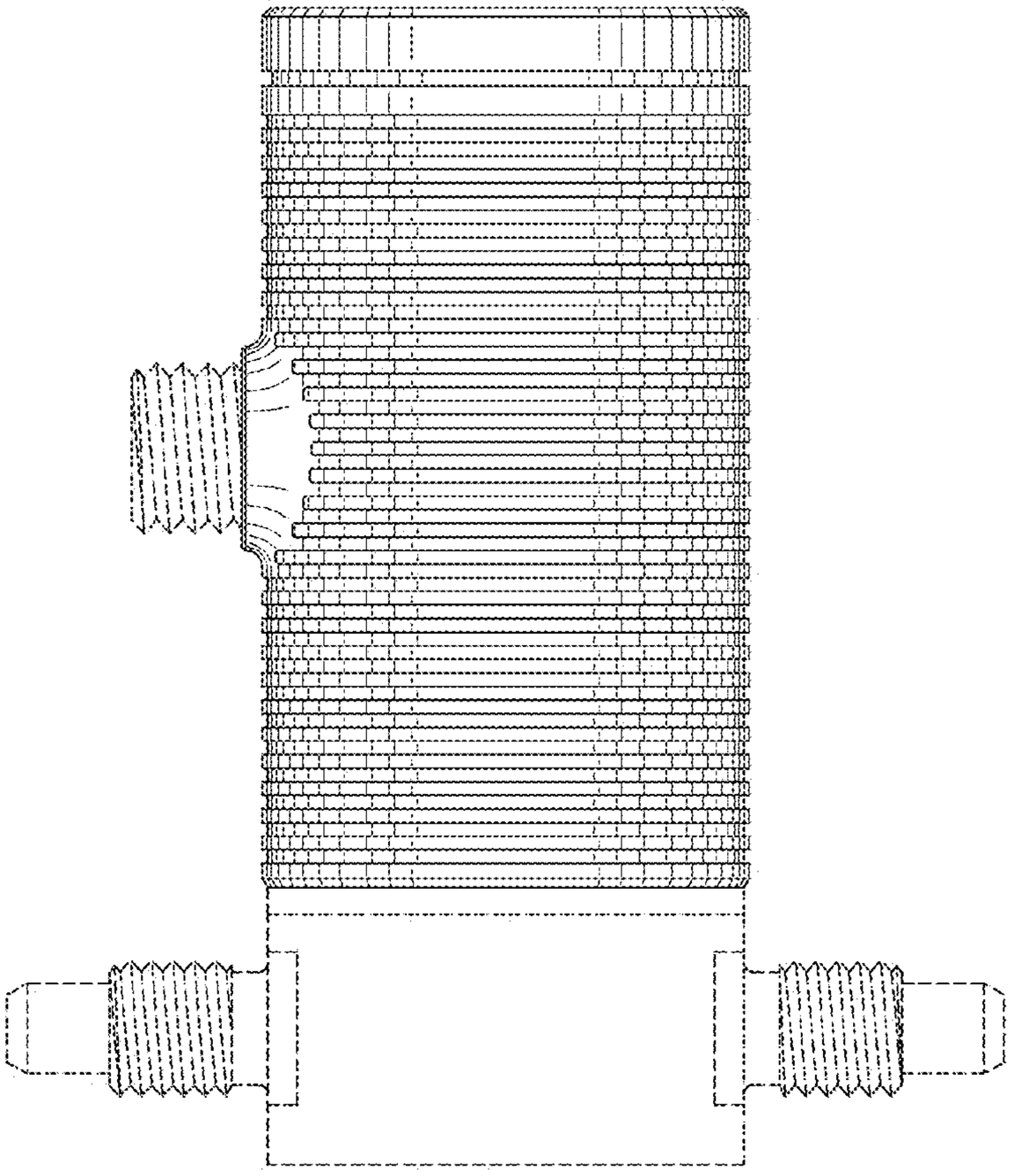


FIG. 9

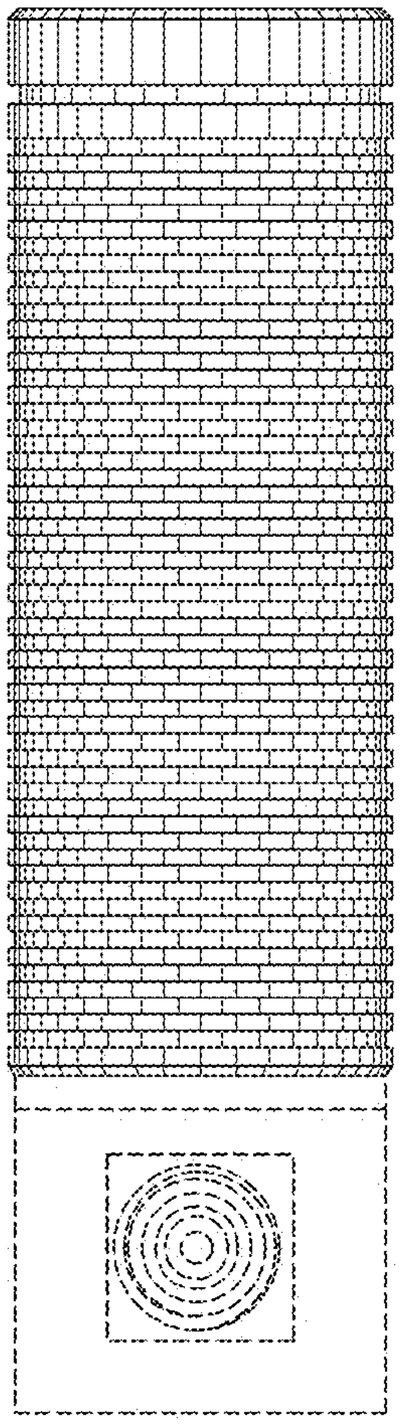


FIG. 10

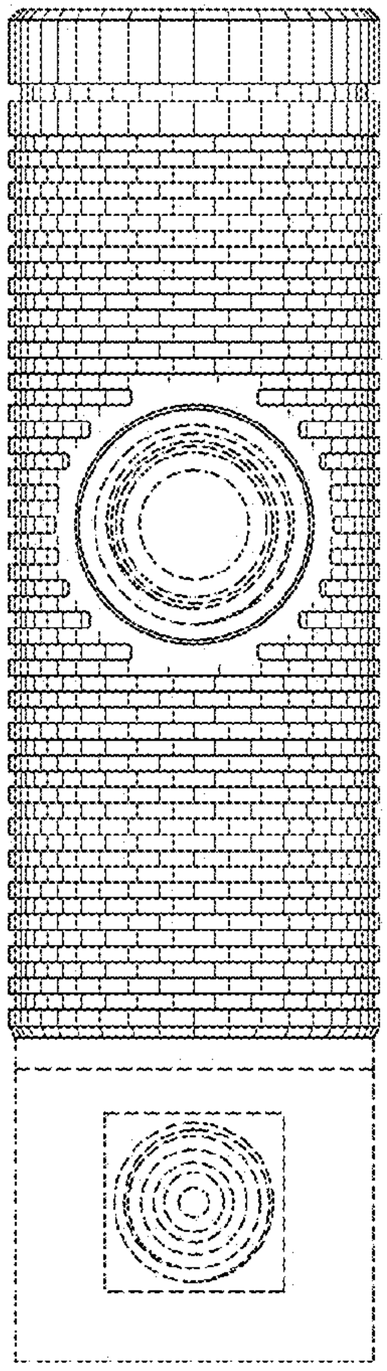


FIG. 11

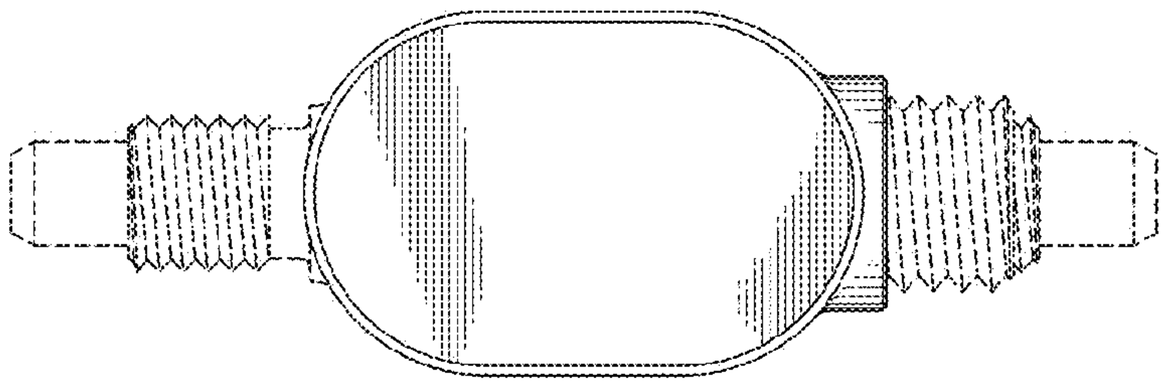


FIG. 12

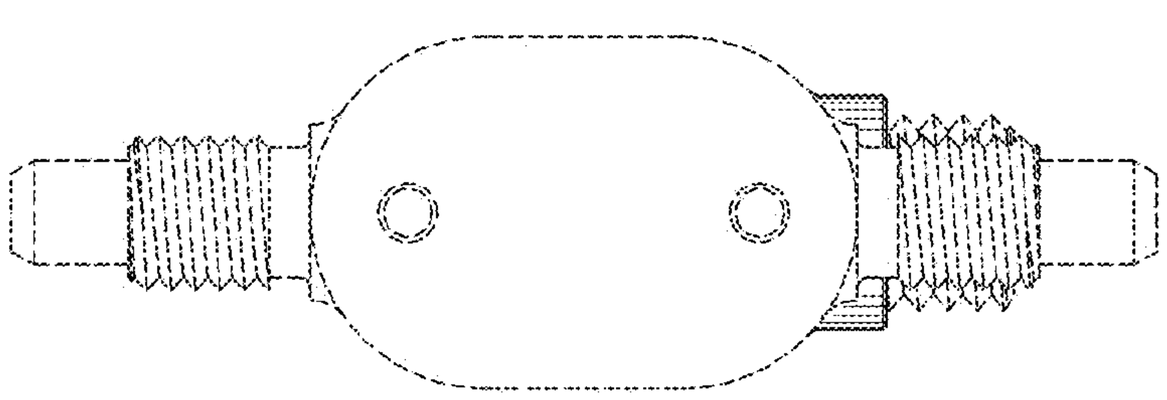


FIG. 13

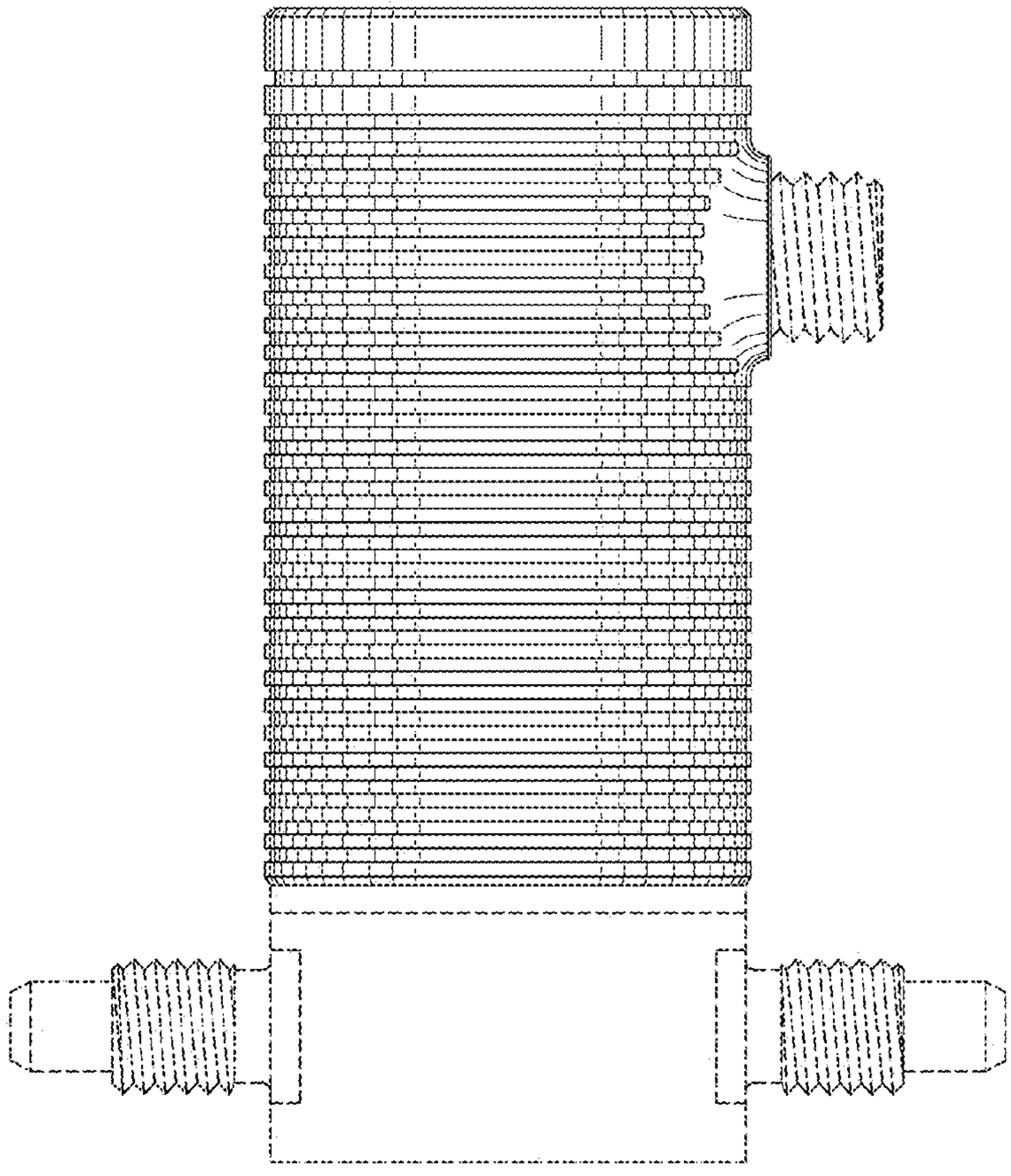


FIG. 14

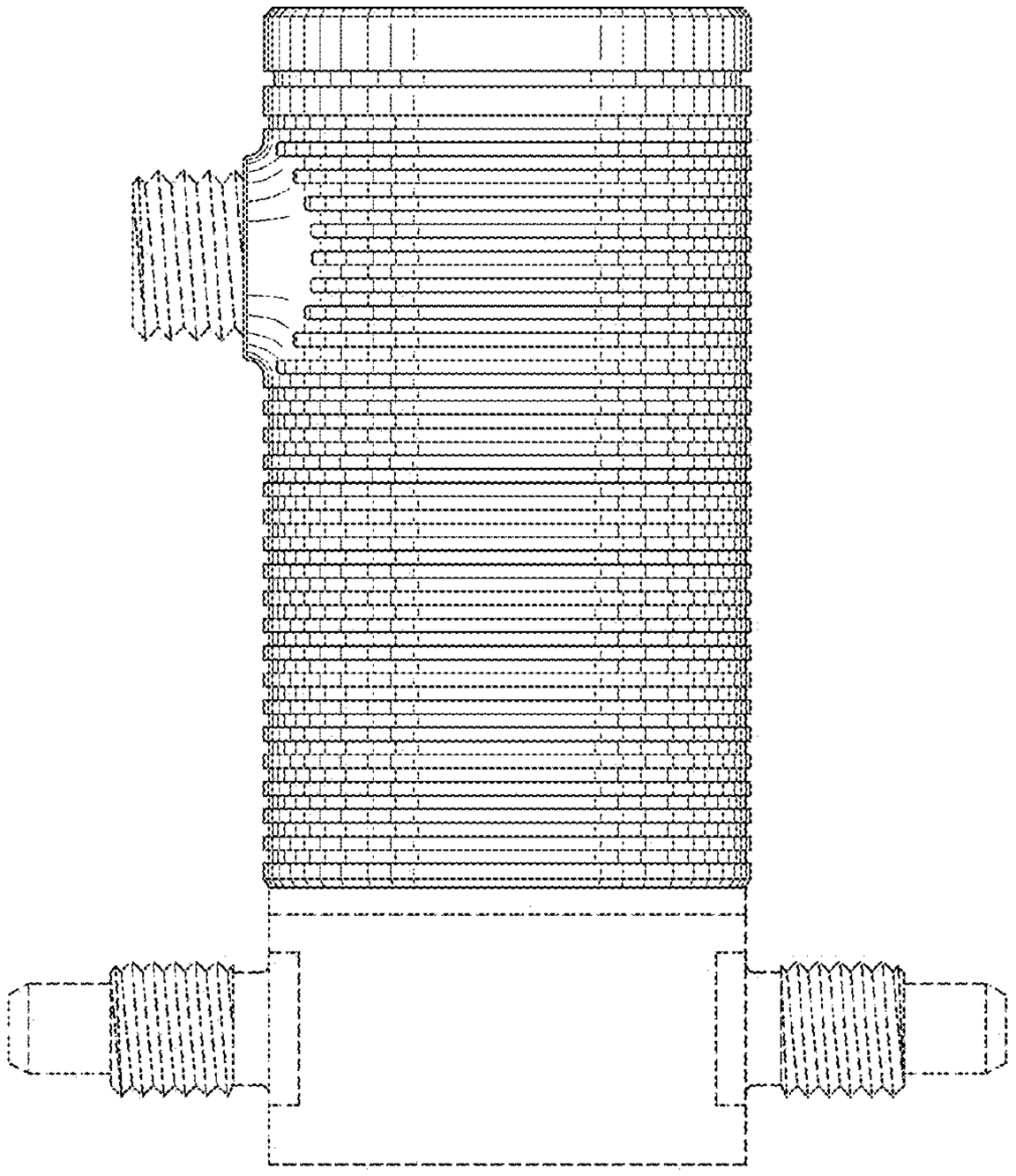


FIG. 15

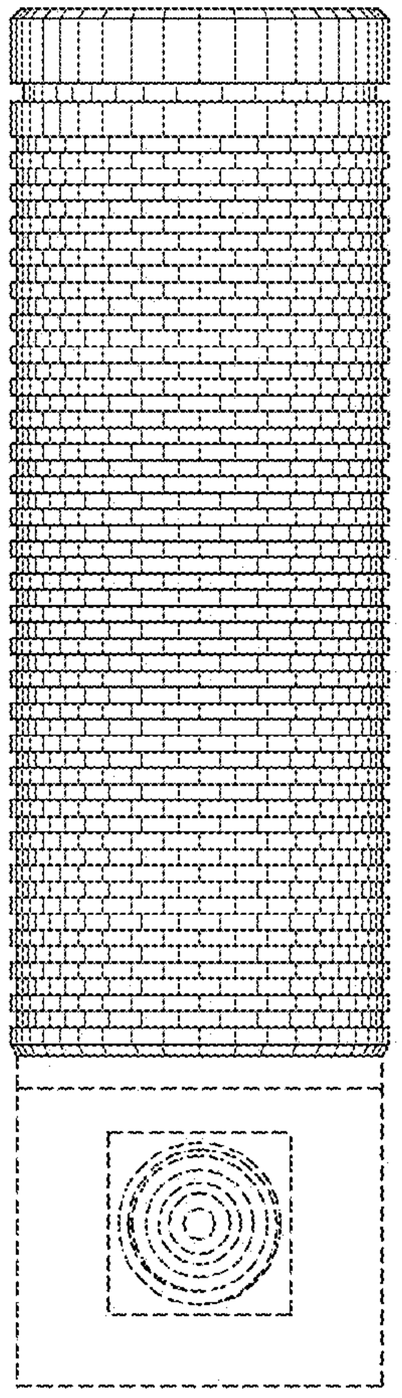


FIG. 16

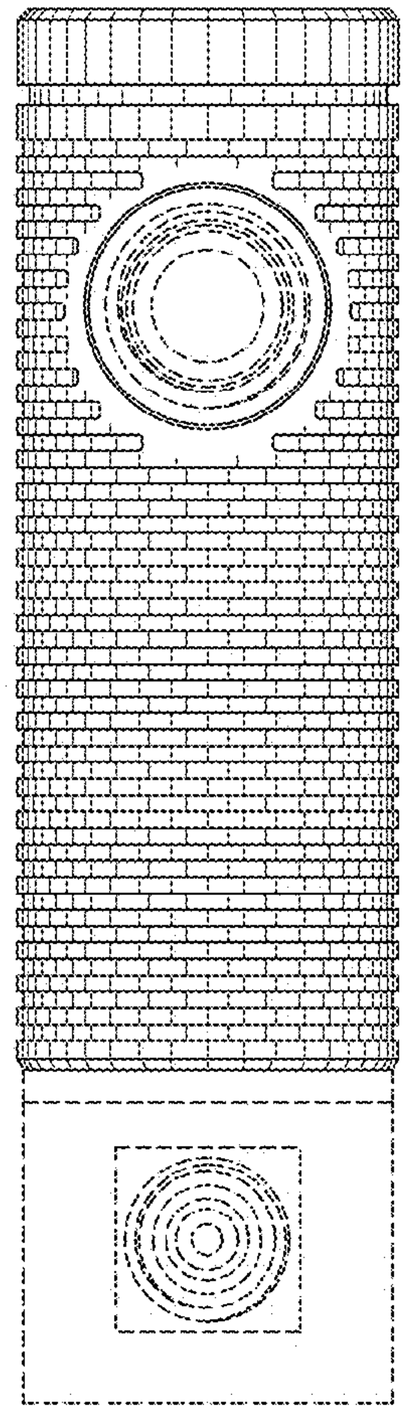


FIG. 17

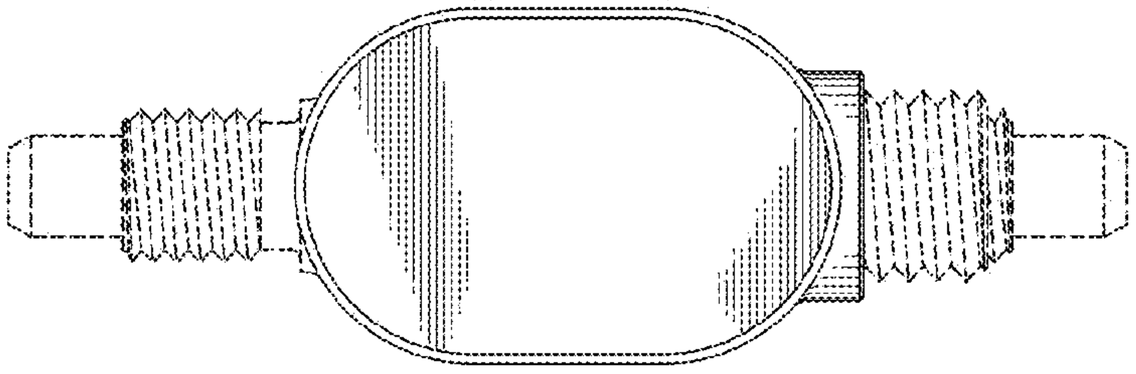


FIG. 18

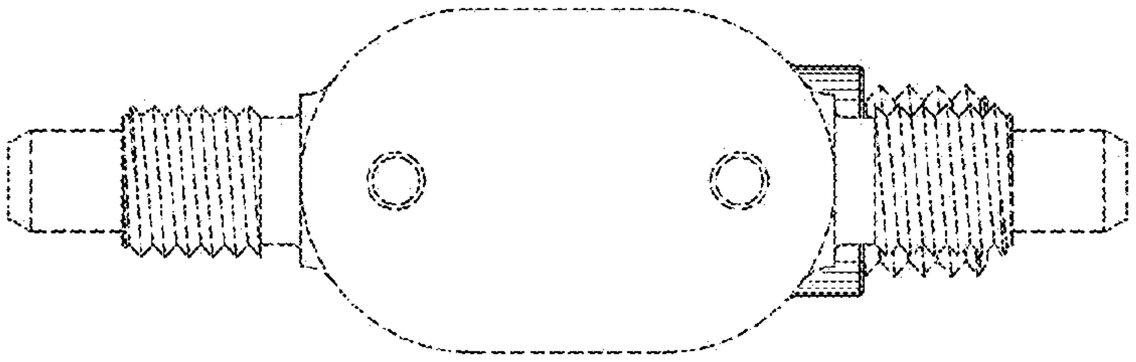


FIG. 19

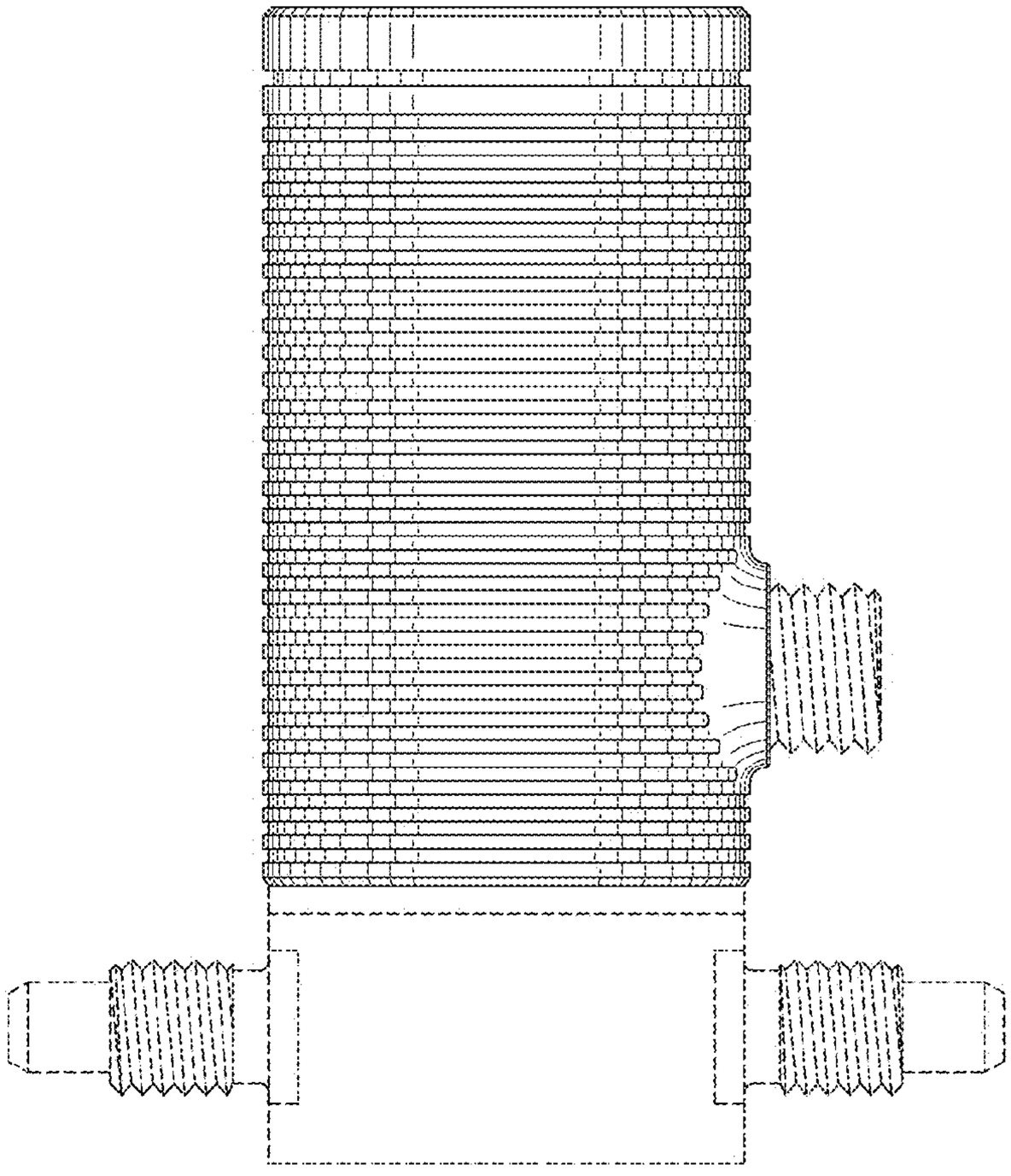


FIG. 20

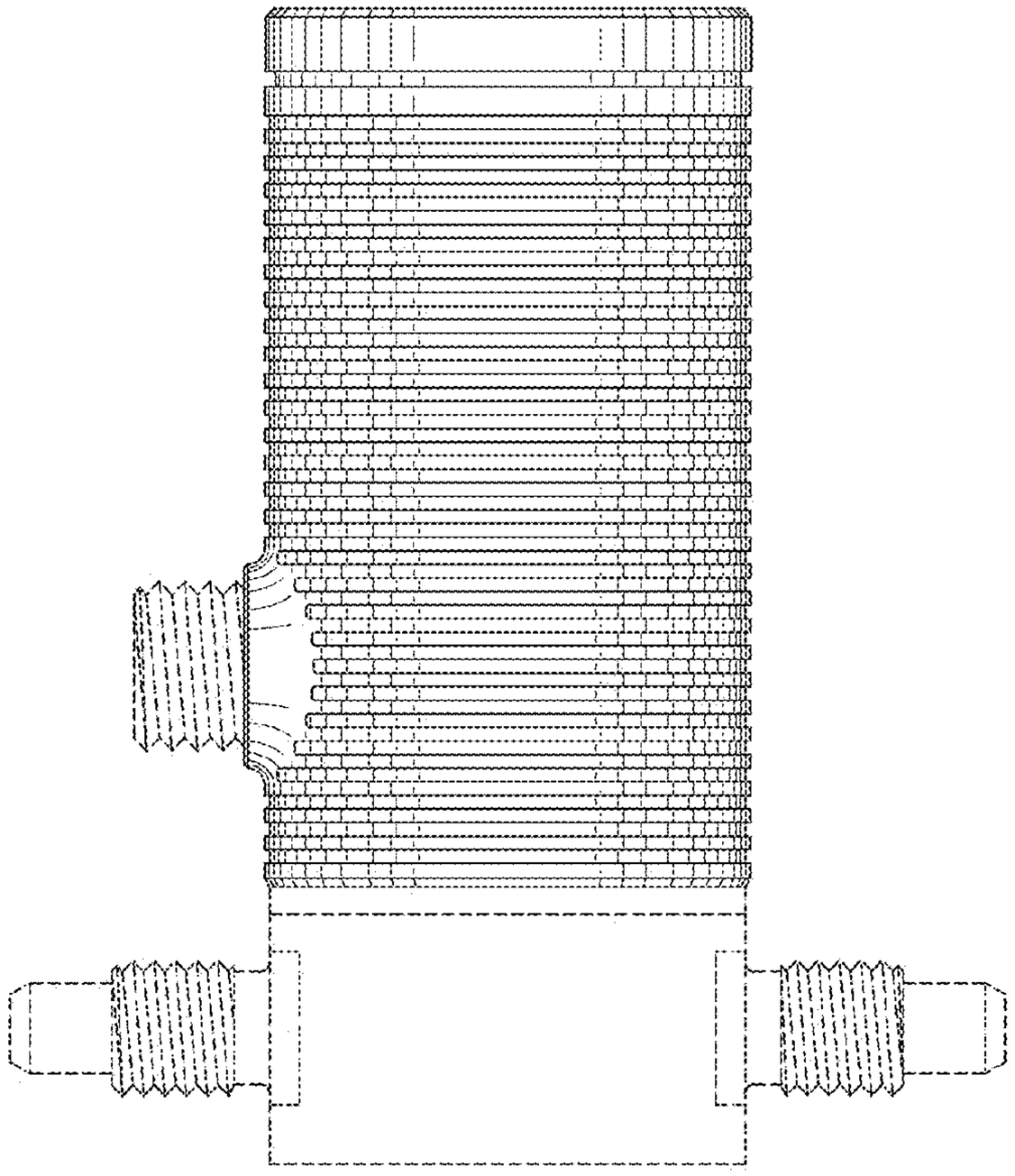


FIG. 21

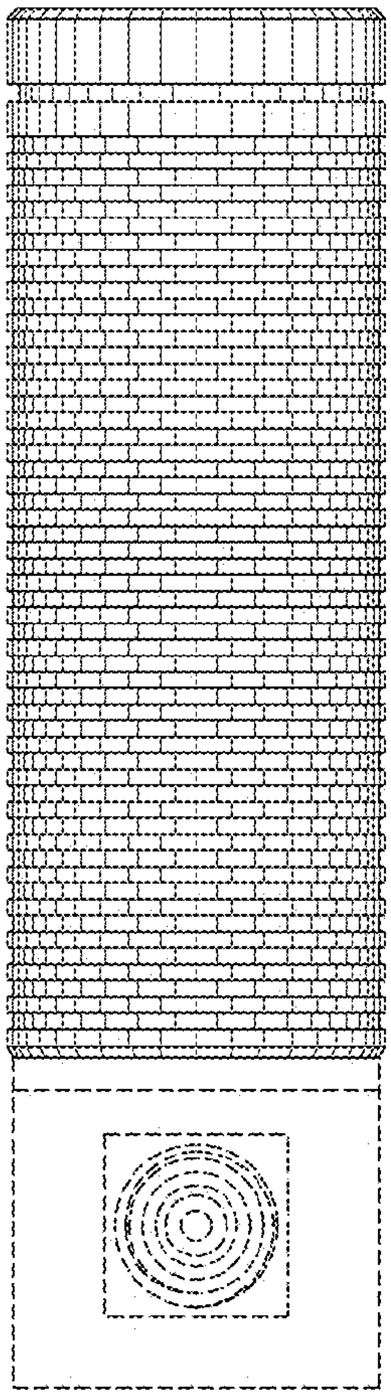


FIG. 22

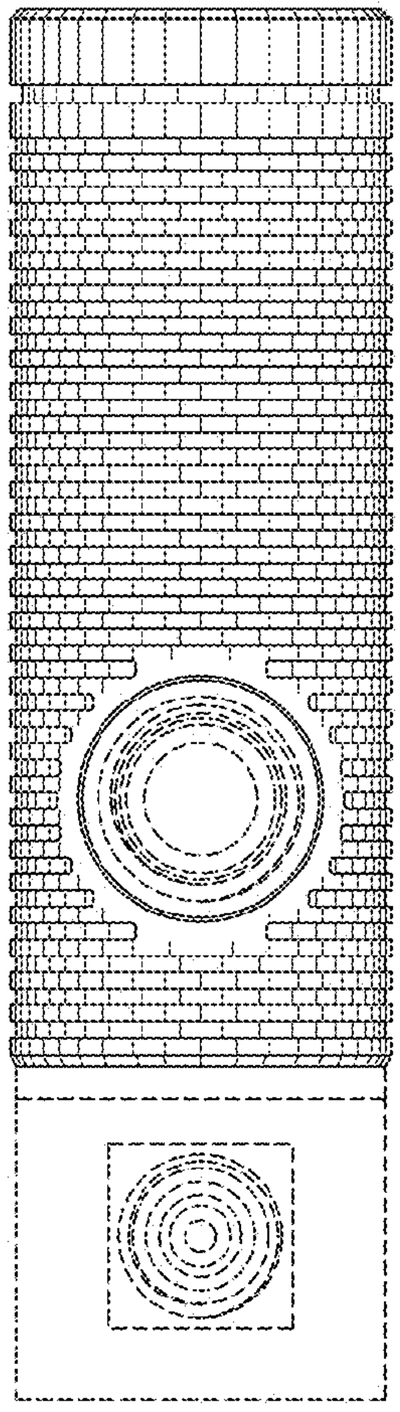


FIG. 23

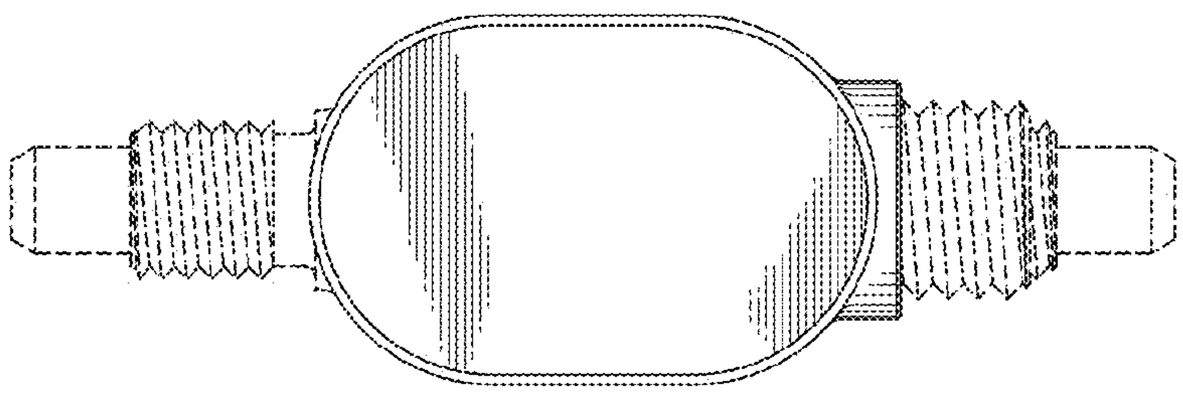


FIG. 24