US00D895550S

(12) United States Design Patent

Tabata et al.

(10) Patent No.: US D895,550 S
(45) Date of Patent: ** Sep. 8, 2020

(54) **SENSOR DEVICE**

(71) Applicant: **YOKOGAWA ELECTRIC CORPORATION**, Musashino-shi, Tokyo (JP)

(72) Inventors: **Hiroki Tabata**, Musashino (JP); **Naoto Takano**, Musashino (JP); **Mitsuhiro Kamiya**, Musashino (JP); **Takuya Nidaira**, Musashino (JP); **Keiichi Sasaki**, Musashino (JP)

(73) Assignee: **Yokogawa Electric Corporation**, Tokyo (JP)

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

(21) Appl. No.: **29/683,948**

(22) Filed: **Mar. 18, 2019**

(51) **LOC (12) Cl.** **13-03**

(52) **U.S. Cl.**
USPC **D13/125**

(58) **Field of Classification Search**
USPC D13/110, 123–132, 107, 117, 160, 171, D13/154, 184, 199, 139.6, 138.1, 138.2
CPC .. G01R 15/142; G01R 15/144; G01R 15/146; G01R 15/148; H01R 2103/00; H01R 24/48; H01R 13/66
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D175,043	S	*	6/1955	Ricketts et al.	D13/125
3,492,625	A	*	1/1970	Bromberg	H01R 4/60 439/100
3,967,872	A	*	7/1976	Mooney	H01R 4/64 439/100
D338,872	S	*	8/1993	Pigliavento	D13/126
D401,687	S	*	11/1998	Pearce	D23/411
D456,354	S	*	4/2002	Pickett	D13/123
7,165,980	B2	*	1/2007	Pyron	H01R 4/643 439/100
D696,642	S	*	12/2013	Jia	D14/155
D722,966	S	*	2/2015	Smith	D13/129
9,385,442	B2	*	7/2016	Brown	H02G 3/22
D806,650	S	*	1/2018	Chang	D13/112

(Continued)

FOREIGN PATENT DOCUMENTS

KR 300864931.0000 * 7/2016

OTHER PUBLICATIONS

Yokogawa. Link: https://www.yokogawa.com/us/solutions/products-platforms/process-analyzers/liquid-analyzers/ph-sensors/ph-and-orp-applications-with-coating-problems/. Visited Nov. 25, 2019. pH and ORP Applications with Coating Problems. (Year: 2019).*

Primary Examiner — Lauren D McVey
(74) *Attorney, Agent, or Firm* — Sughrue Mion, PLLC

(57) **CLAIM**

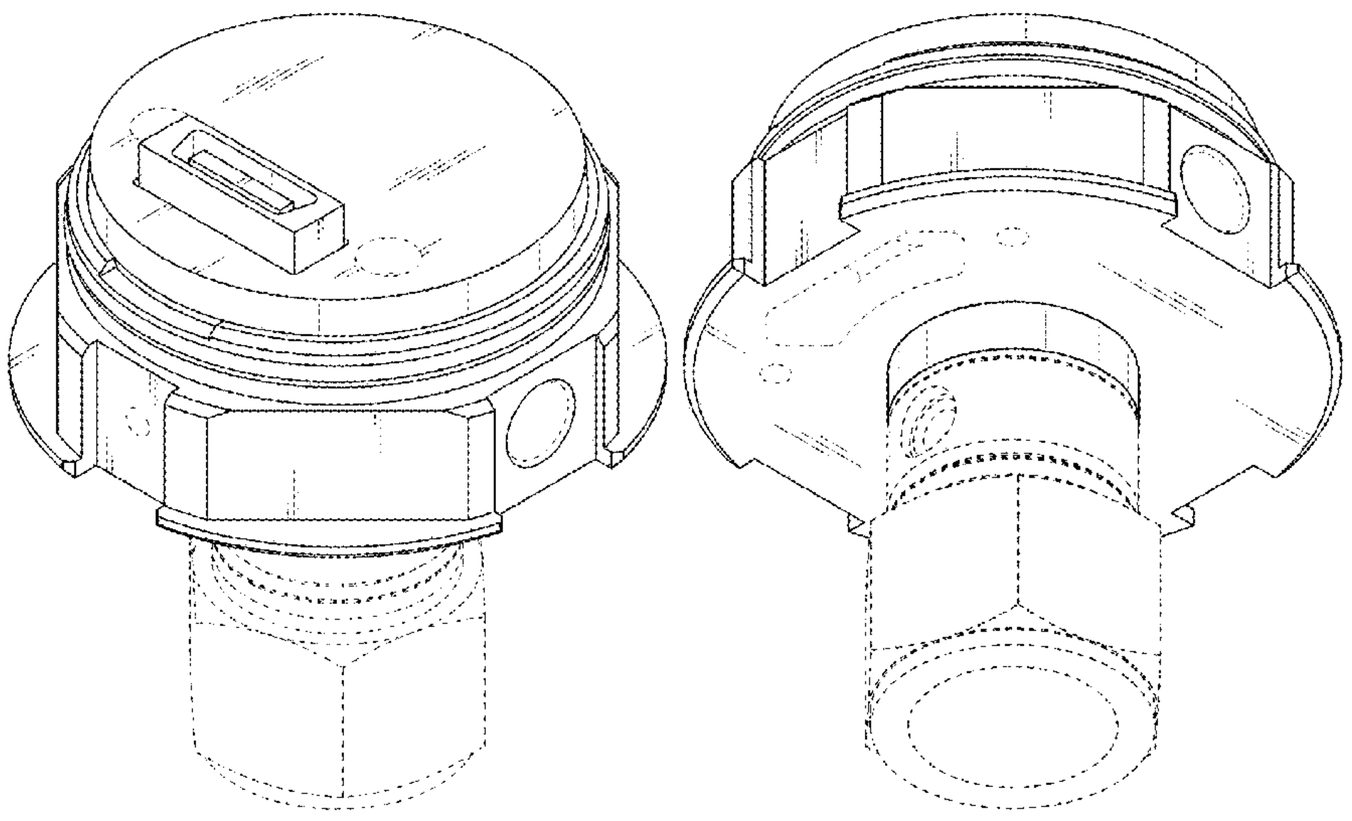
The ornamental design for a sensor device, as shown and described.

DESCRIPTION

FIG. **1** is a perspective view of front, top and right side view of a sensor device showing our new design;
FIG. **2** is a perspective view of rear, bottom and left side view thereof;
FIG. **3** is a front view thereof;
FIG. **4** is a rear view thereof;
FIG. **5** is a left side view thereof;
FIG. **6** is a right side view thereof;
FIG. **7** is a top view thereof; and,
FIG. **8** is a bottom view thereof.

The broken lines immediately adjacent to the shaded areas depict the bounds of the claimed design, while all other broken lines are directed to environment. In addition, the unshaded surface that directly adjoins the claimed solid line edge forms part of the claimed design. The broken lines form no part of the claimed design.

1 Claim, 8 Drawing Sheets



(56) **References Cited**

U.S. PATENT DOCUMENTS

D853,445	S *	7/2019	Kuratani	D15/1
2016/0041204	A1 *	2/2016	Bietz	G01R 15/18 324/127

* cited by examiner

FIG. 1

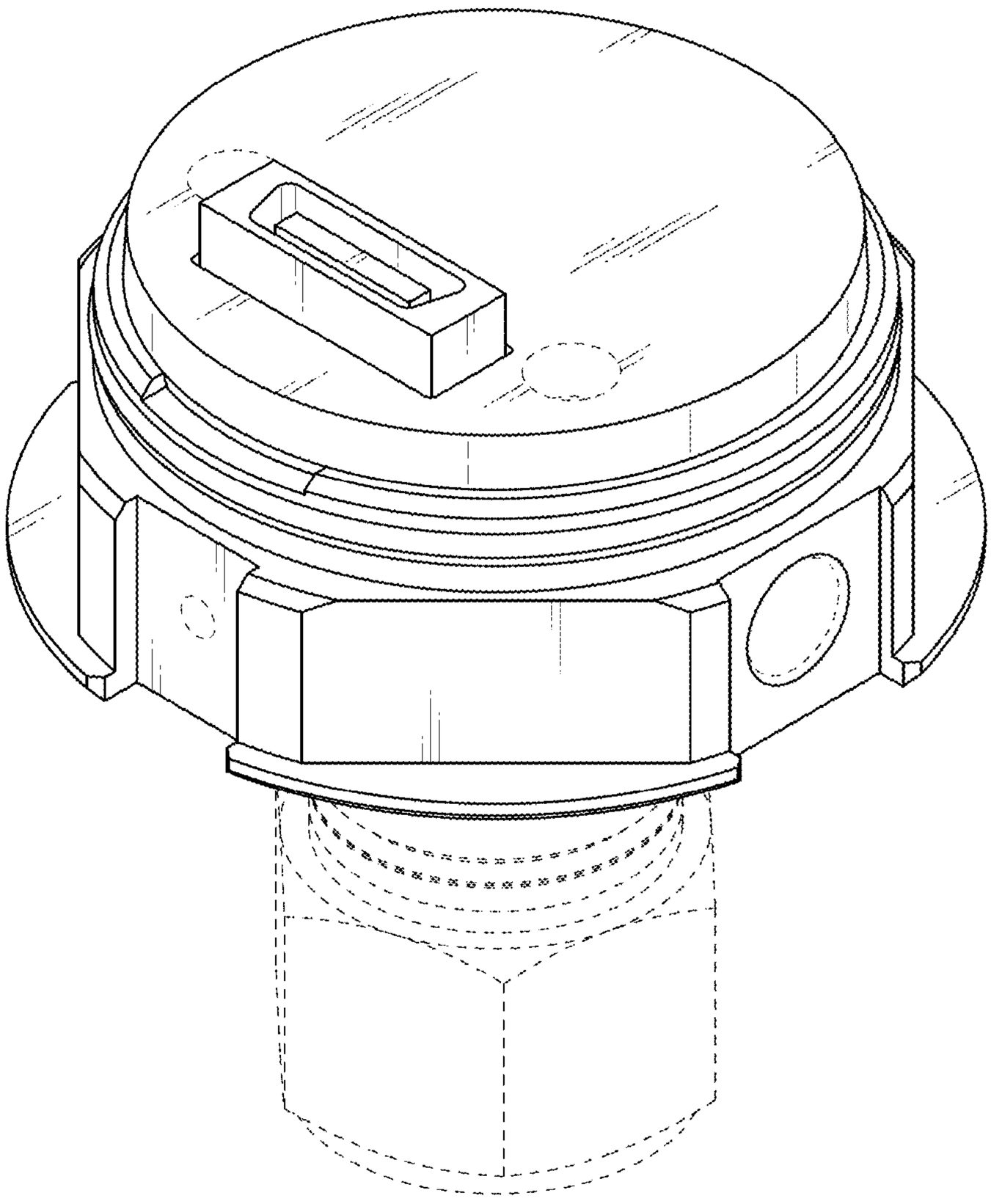


FIG. 2

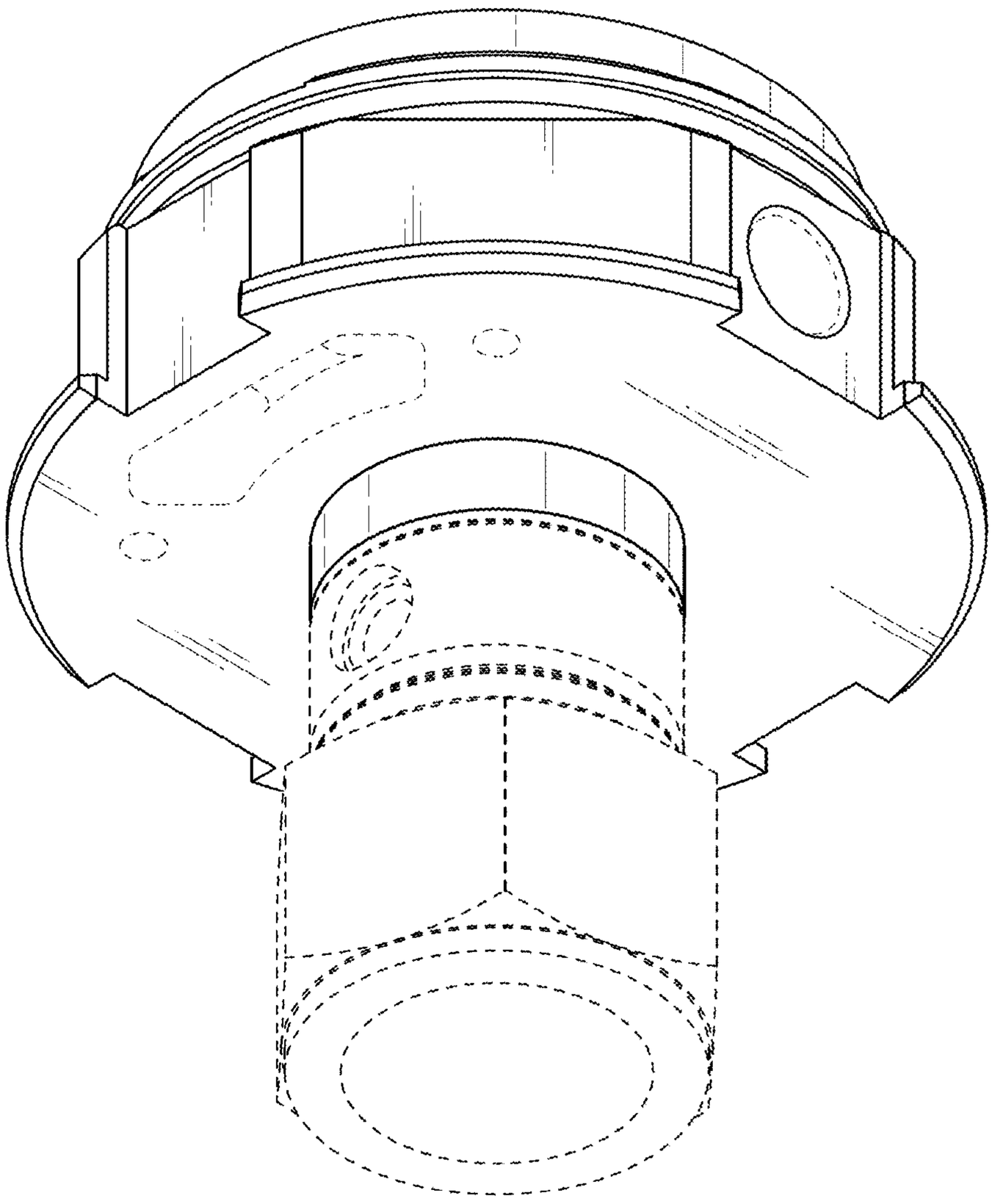


FIG. 3

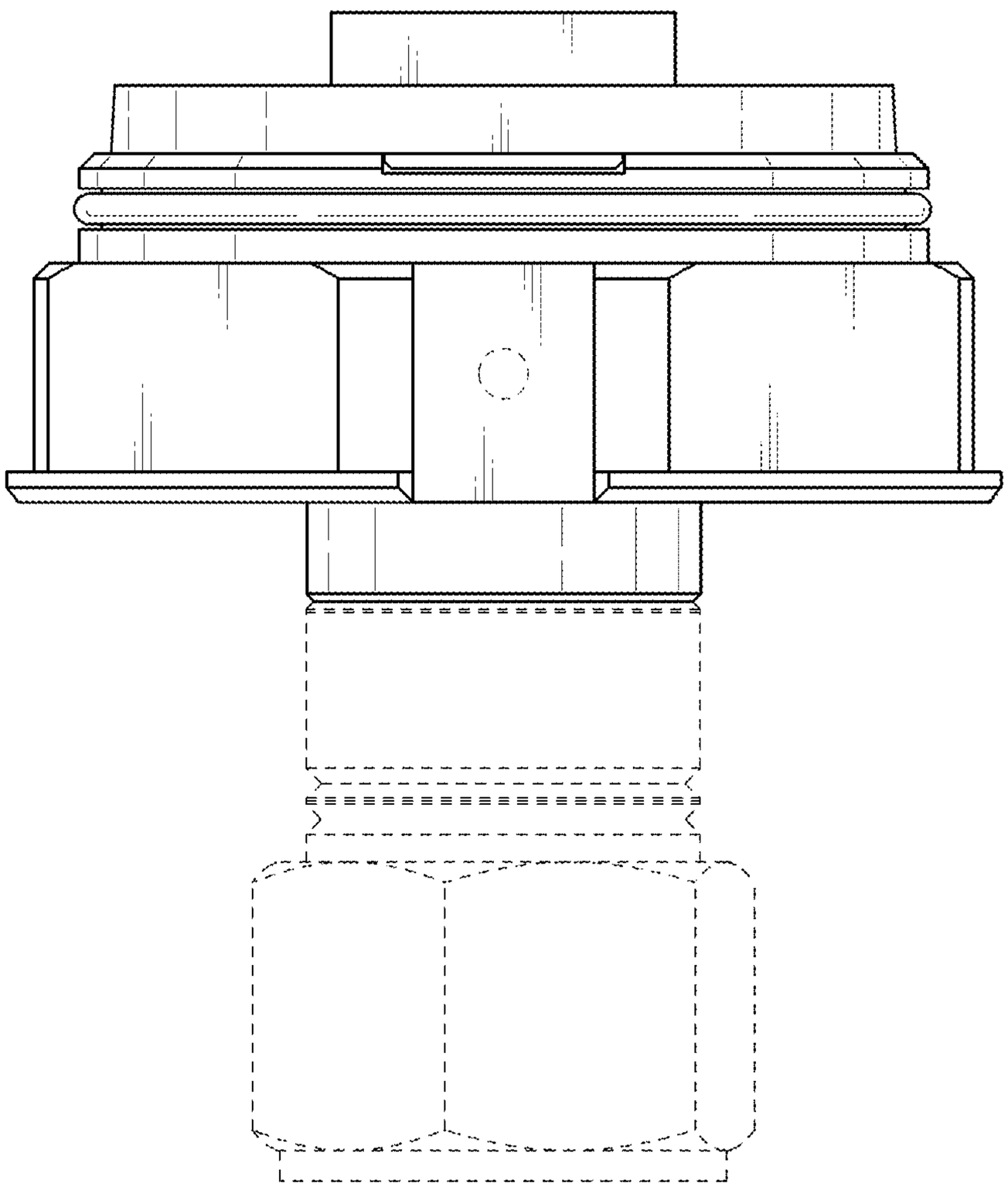


FIG. 4

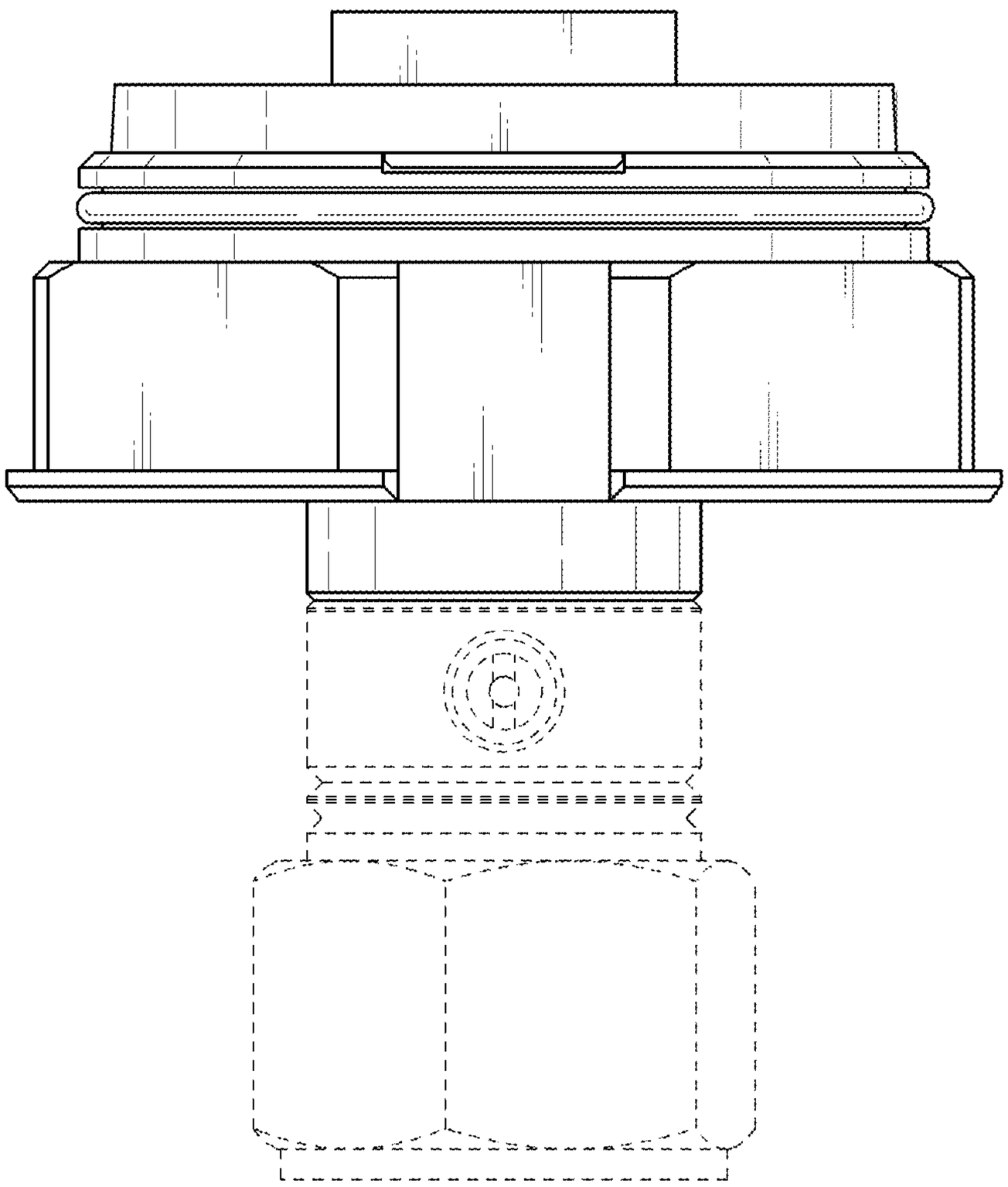


FIG. 5

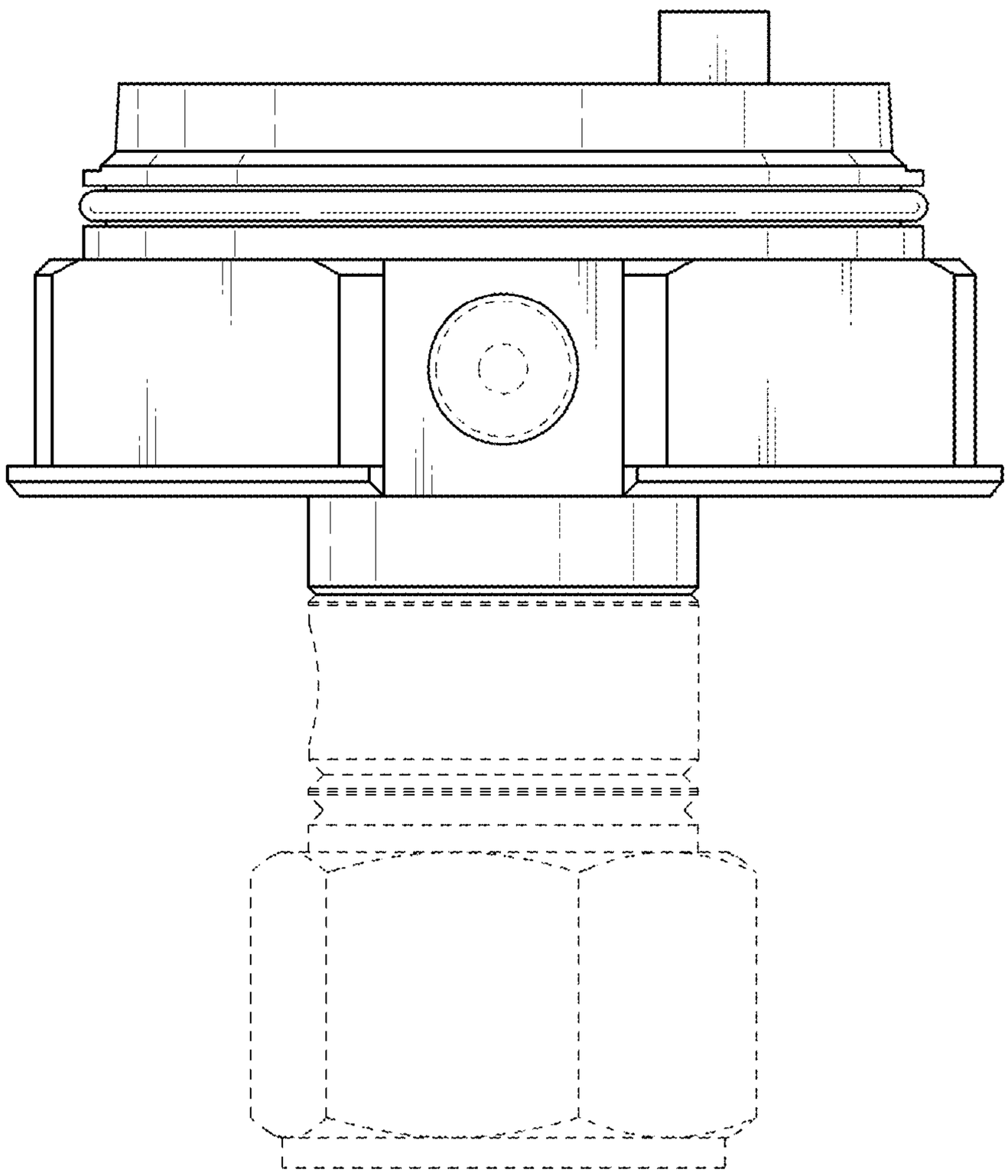


FIG. 6

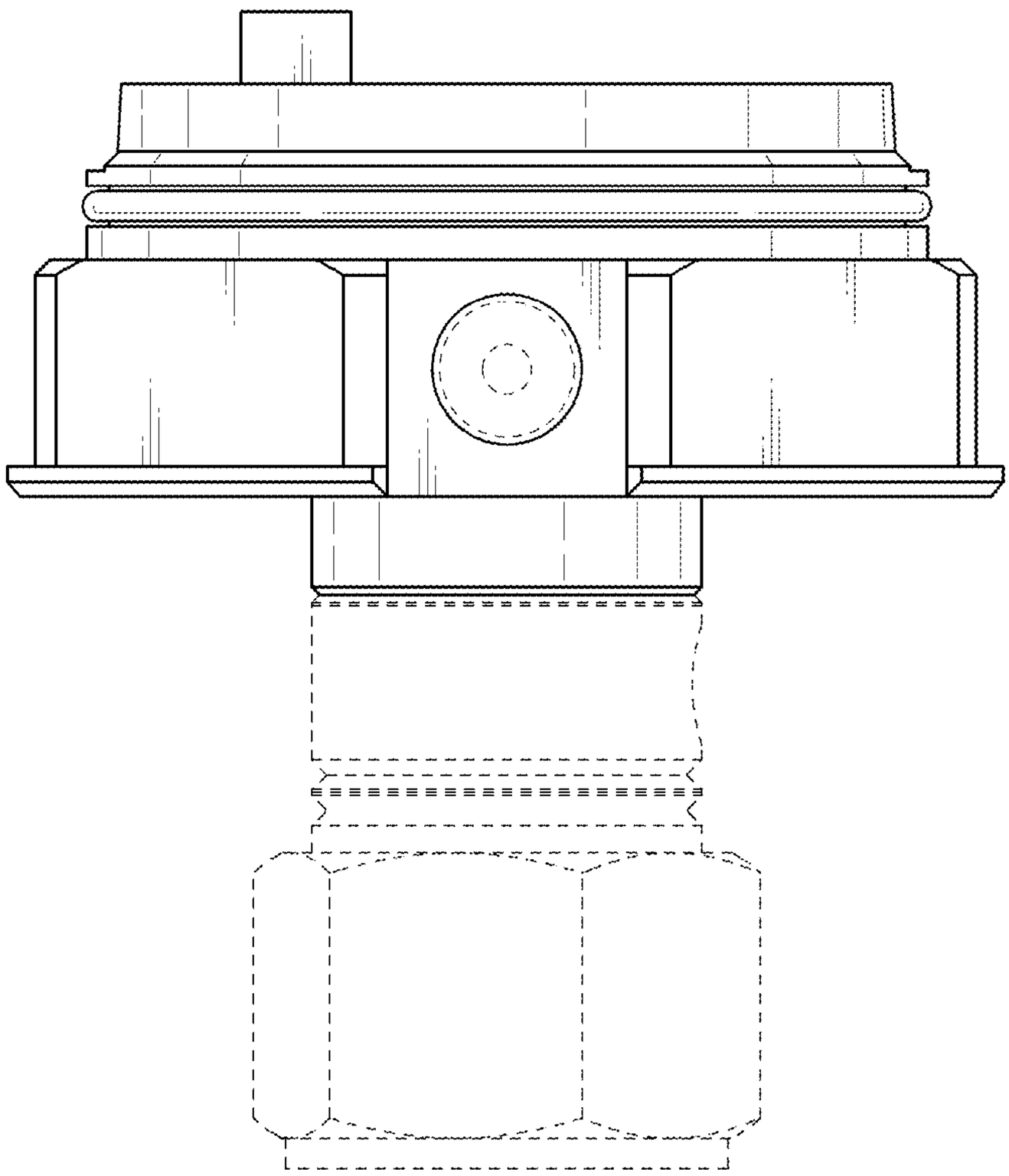


FIG. 7

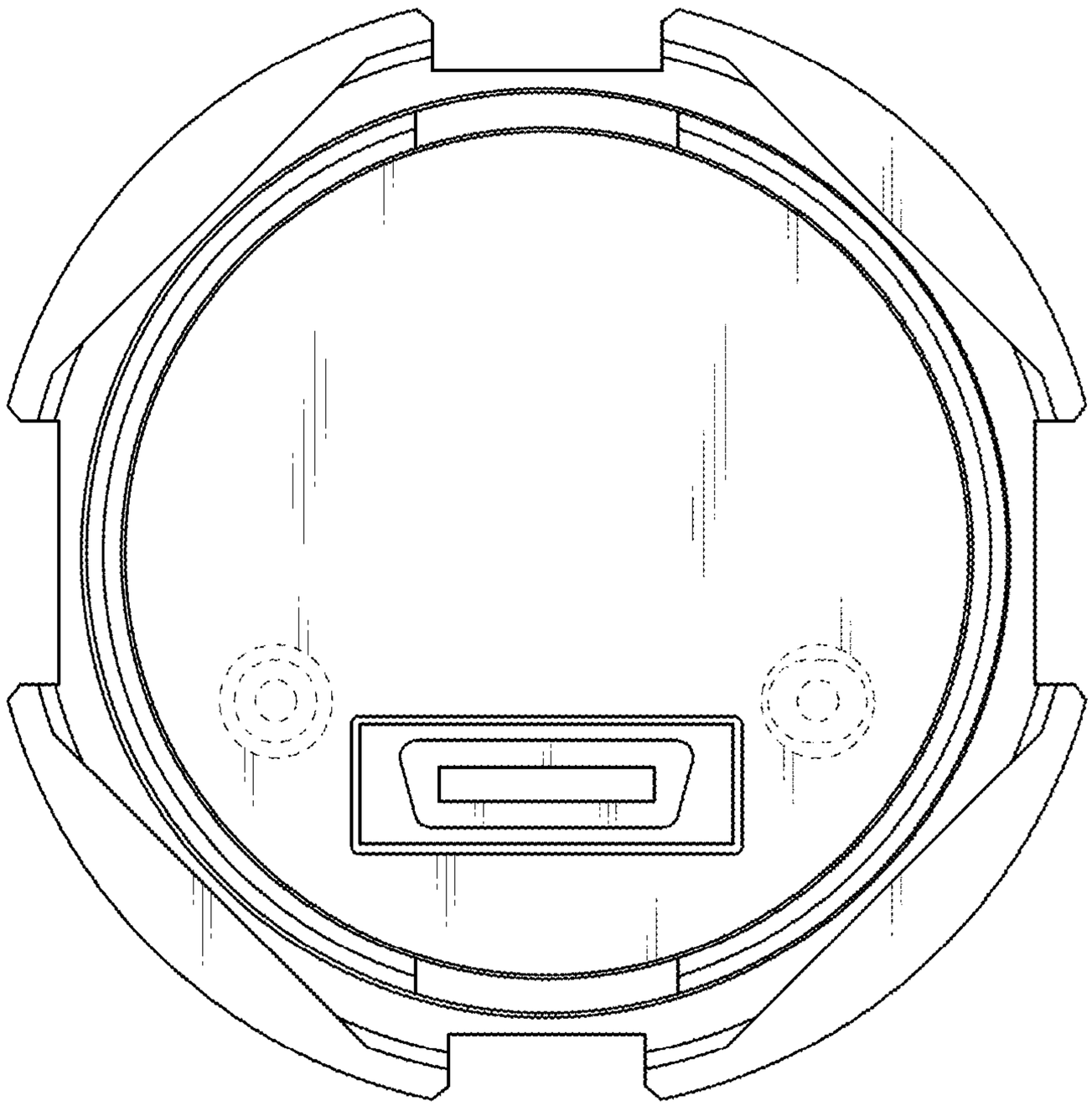


FIG. 8