



US00D964289S

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

(10) **Patent No.:** **US D964,289 S**  
(45) **Date of Patent:** **\*\* Sep. 20, 2022**

(54) **PLUG RETENTION APPARATUS**

**DESCRIPTION**

(71) Applicant: **NINGBO WELL ELECTRIC APPLIANCE CO., LTD.**, Ningbo (CN)  
(72) Inventor: **Guolin Yu**, Ningbo (CN)  
(73) Assignee: **NINGBO WELL ELECTRIC APPLIANCE CO., LTD.**, Ningbo (CN)  
(\*\*) Term: **15 Years**  
(21) Appl. No.: **29/728,647**  
(22) Filed: **Mar. 20, 2020**  
(51) **LOC (13) Cl.** ..... **13-03**  
(52) **U.S. Cl.**  
USPC ..... **D13/138.2; D13/139.7**  
(58) **Field of Classification Search**  
USPC ..... D13/107, 108, 110, 137.1, 137.2, 137.3, D13/137.4, 138.1, 138.2, 139.1, 139.2,  
(Continued)

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D217,614 S \* 5/1970 Kress ..... D13/138.2  
D295,622 S \* 5/1988 Good ..... D13/137.3  
(Continued)

**OTHER PUBLICATIONS**

First Examination Opinion of 16922776.

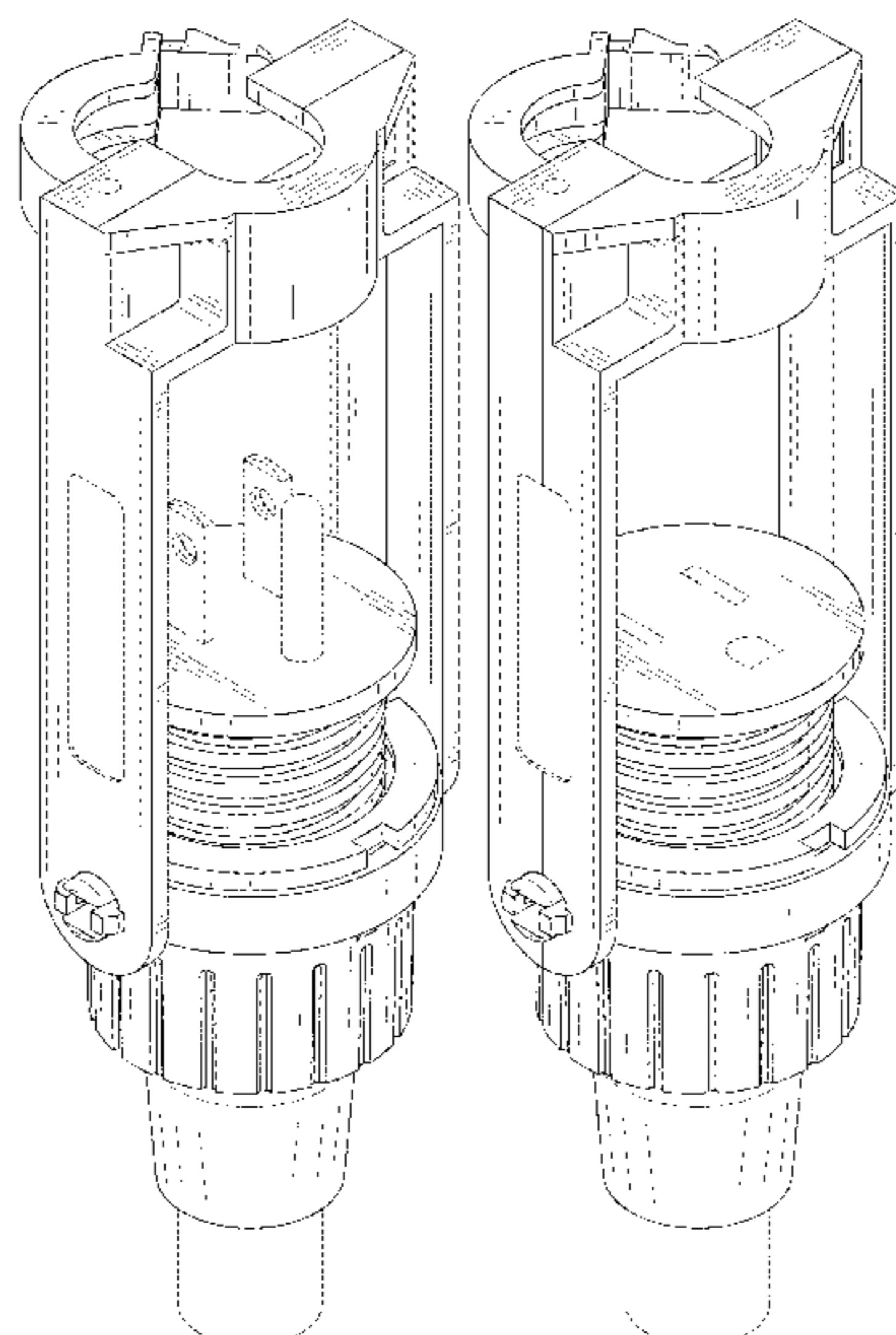
*Primary Examiner* — Rosemary K Tarcza  
*Assistant Examiner* — Seth David Kumpf

(57) **CLAIM**

The ornamental design for a plug retention apparatus, as shown and described.

FIG. 1 is a right, front, top perspective view of a plug retention apparatus in a first embodiment showing my new design;  
FIG. 2 is a left, rear, bottom perspective view of the plug retention apparatus of FIG. 1;  
FIG. 3 is a front elevational view of the plug retention apparatus of FIG. 1;  
FIG. 4 is a rear elevational view of the plug retention apparatus of FIG. 1;  
FIG. 5 is a right side elevational view of the plug retention apparatus of FIG. 1;  
FIG. 6 is a left side elevational view of the plug retention apparatus of FIG. 1;  
FIG. 7 is a top plan view of the plug retention apparatus of FIG. 1;  
FIG. 8 is a bottom plan view of the plug retention apparatus of FIG. 1;  
FIG. 9 is a right, front, top perspective view of the plug retention apparatus of FIG. 1 shown in an alternate position;  
FIG. 10 is a right, front, top perspective view of a plug retention apparatus in a second embodiment showing my new design;  
FIG. 11 is a left, rear, bottom perspective view of the plug retention apparatus of FIG. 10;  
FIG. 12 is a front elevational view of the plug retention apparatus of FIG. 10;  
FIG. 13 is a rear elevational view of the plug retention apparatus of FIG. 10;  
FIG. 14 is a right side elevational view of the plug retention apparatus of FIG. 10;  
FIG. 15 is a left side elevational view of the plug retention apparatus of FIG. 10;  
FIG. 16 is a top plan view of the plug retention apparatus of FIG. 10;  
FIG. 17 is a bottom plan view of the plug retention apparatus of FIG. 10; and,  
FIG. 18 is a right, front, top perspective view of the plug retention apparatus of FIG. 10 shown in an alternate position.  
In the drawings, the broken lines illustrate portions of the plug retention apparatus that form no part of the claimed design.

**1 Claim, 18 Drawing Sheets**



(58) **Field of Classification Search**

USPC ..... D13/139.3, 139.4, 139.5, 139.6, 139.7,  
D13/139.8, 146, 151, 152, 153, 154, 158,  
D13/159, 160, 161, 162, 162.1, 163, 164,  
D13/165, 166, 167, 168, 169, 171, 172,  
D13/173, 174, 175, 176, 177, 178, 179,  
D13/184, 199  
CPC ..... H01R 13/00; H01R 13/03; H01R 13/04;  
H01R 13/10; H01R 13/35; H01R 13/44;  
H01R 13/46; H01R 13/453; H01R  
13/4534; H01R 13/502; H01R 13/506;  
H01R 13/514; H01R 13/518; H01R  
13/6272; H01R 13/631; H01R 13/639;  
H01R 13/652; H01R 13/665; H01R  
13/6633; H01R 13/6666; H01R 13/6675;  
H01R 13/7135; H01R 31/02; H01R  
31/06; H01R 31/065; H01R 25/00; H01R  
25/006; H01R 9/00; H01R 11/00; H01R  
35/04; H01R 2201/06; H01H 2207/00;

H01H 2207/022; H01H 2203/00; H05K  
5/00; H05K 5/03; H02G 3/088

See application file for complete search history.

(56)

**References Cited**

U.S. PATENT DOCUMENTS

6,478,601 B2 11/2002 Oswald  
D510,067 S \* 9/2005 Miller ..... D13/137.4  
6,957,977 B1 \* 10/2005 Miller ..... H01R 13/6392  
439/369  
7,182,624 B1 \* 2/2007 Miller ..... H01R 25/003  
439/369  
7,186,130 B1 3/2007 Miller  
7,988,484 B1 8/2011 Jacoby  
8,328,574 B1 12/2012 Lin  
D816,888 S \* 5/2018 Benner ..... D26/113  
D817,886 S \* 5/2018 Yu ..... D13/138.2  
D840,584 S \* 2/2019 Benner ..... D26/113  
11,316,301 B2 \* 4/2022 Yu ..... H01R 13/639

\* cited by examiner

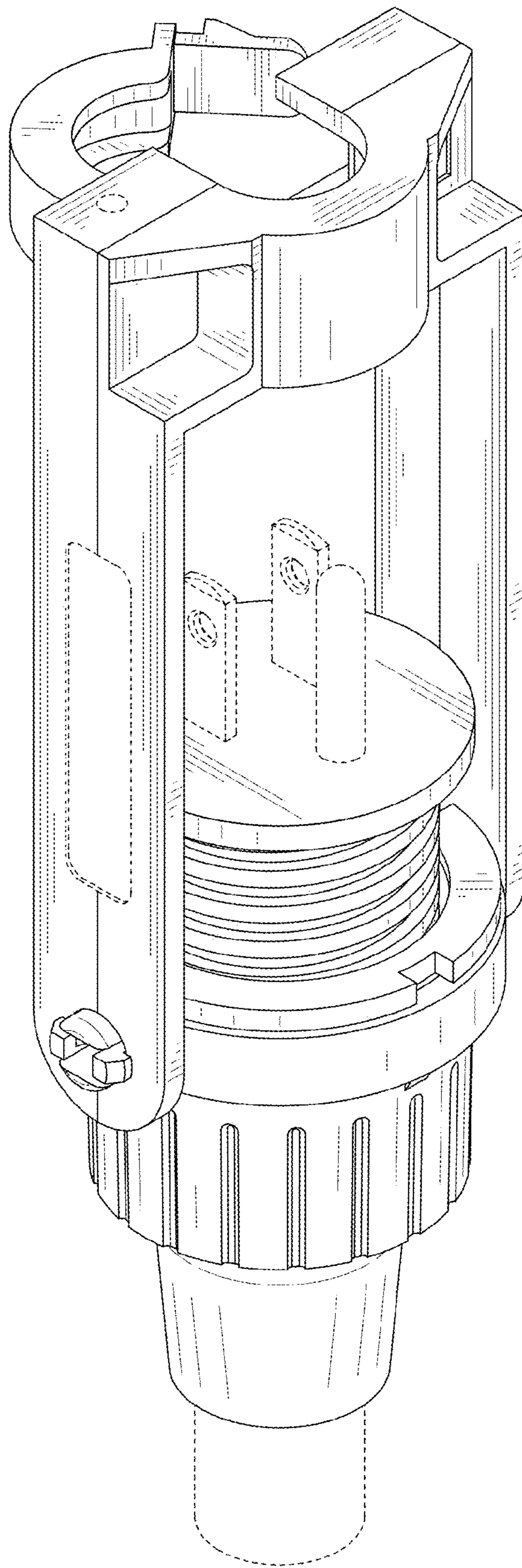


FIG. 1



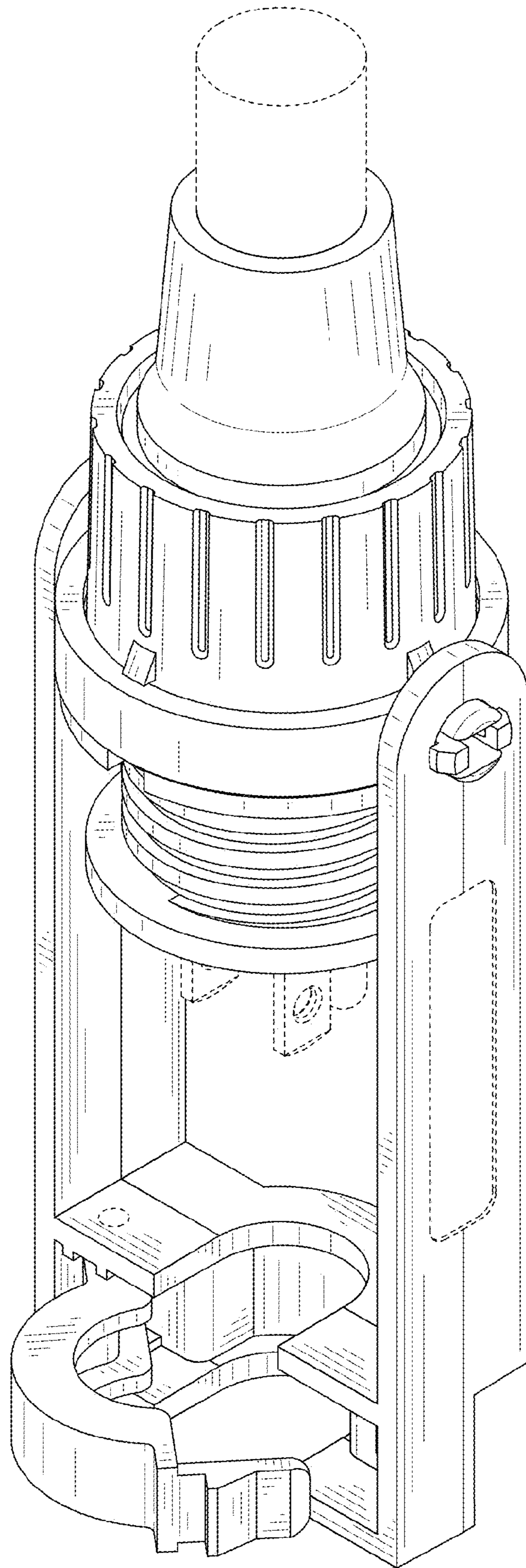


FIG. 2

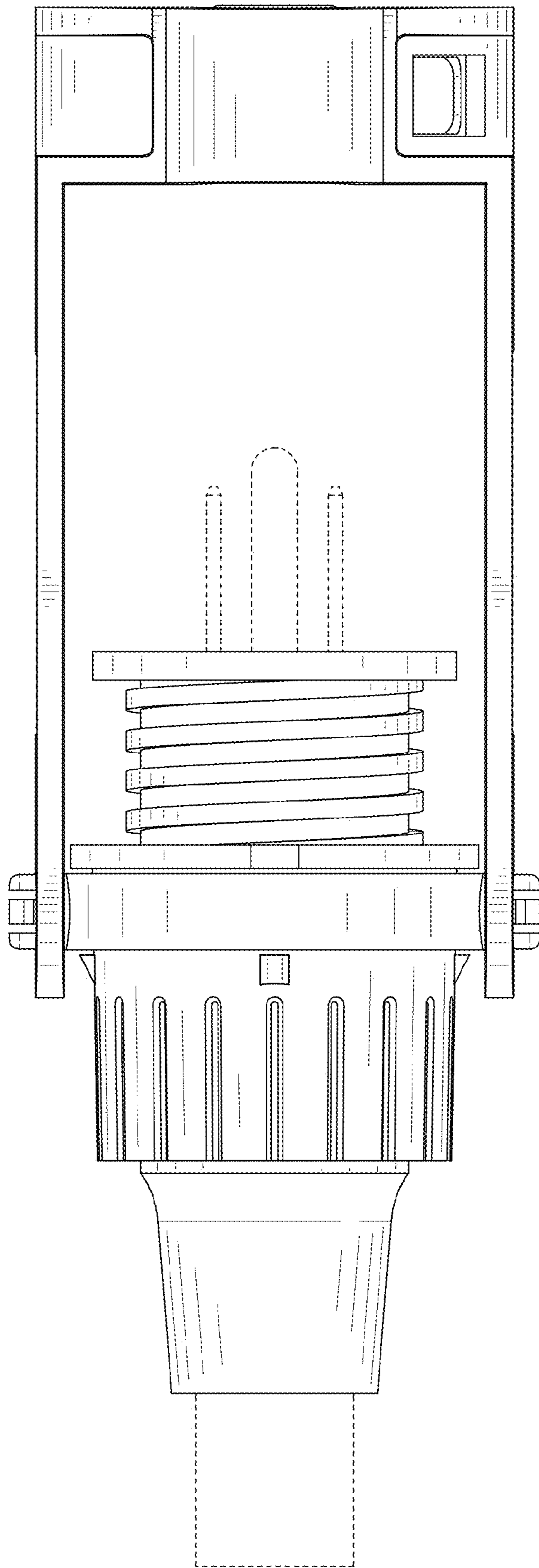


FIG. 3

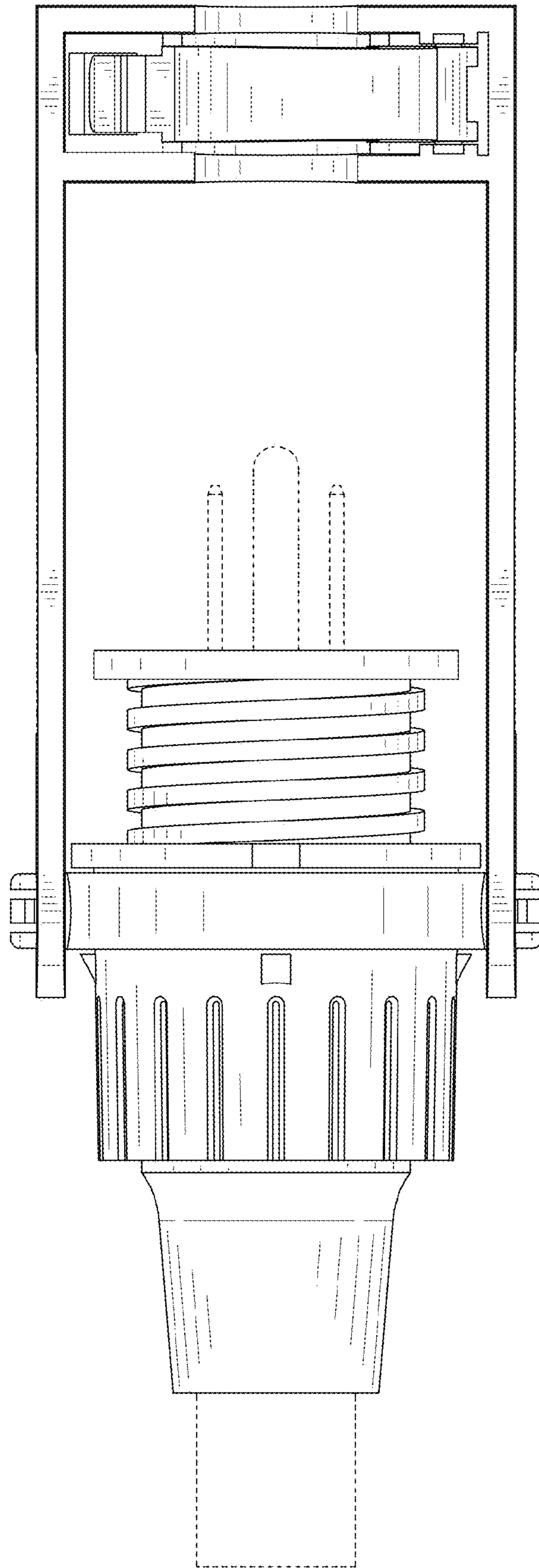


FIG. 4

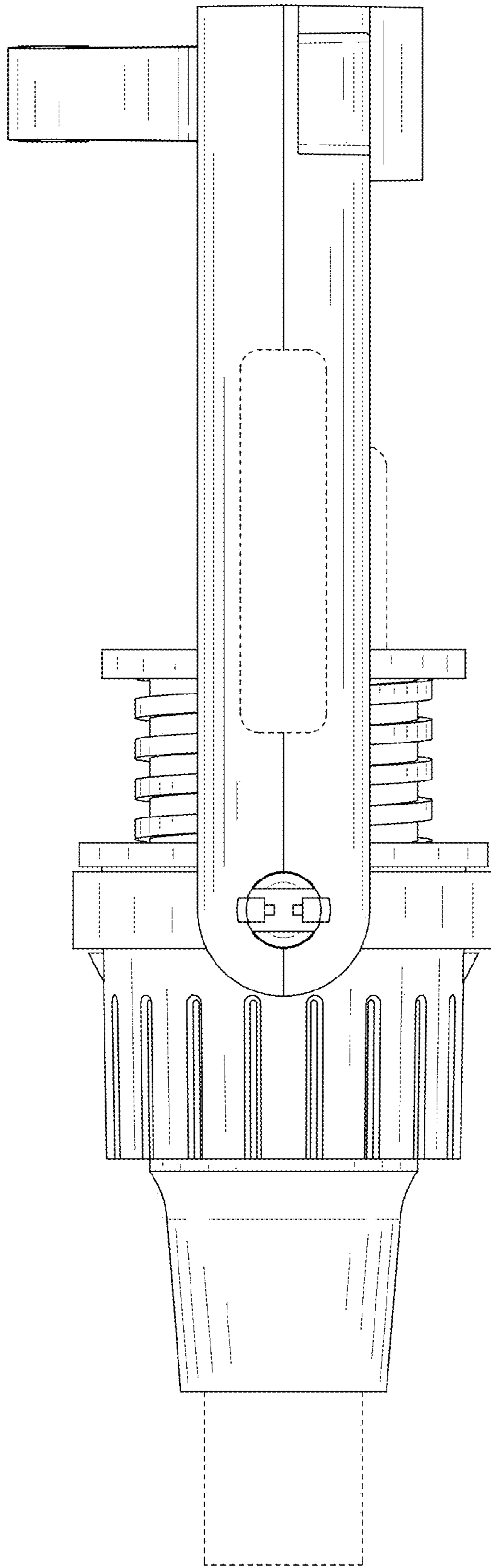


FIG. 5

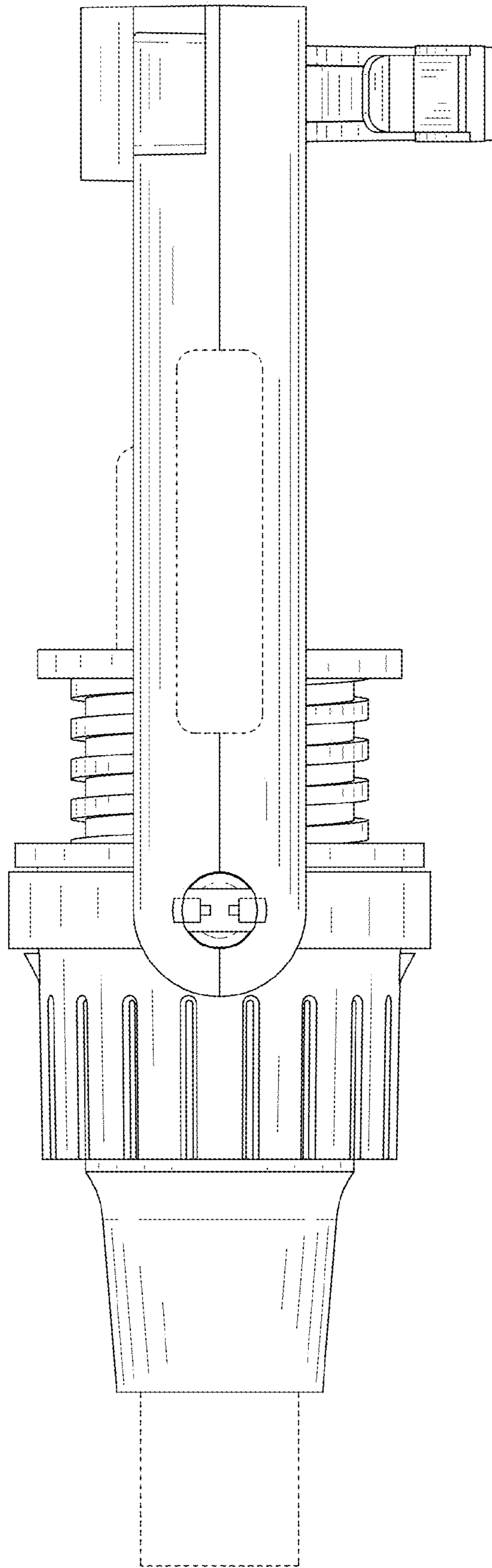


FIG. 6



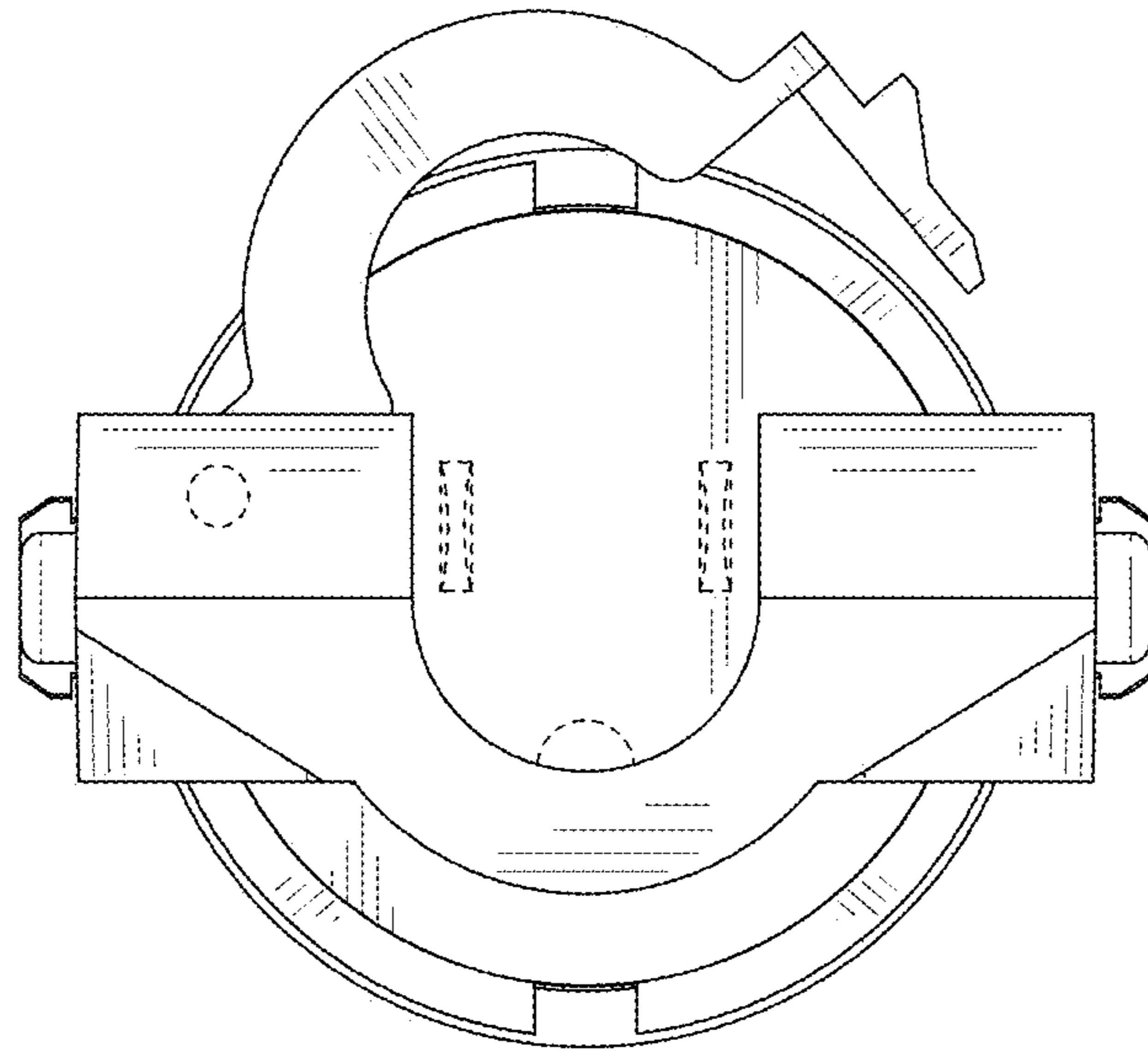


FIG. 7

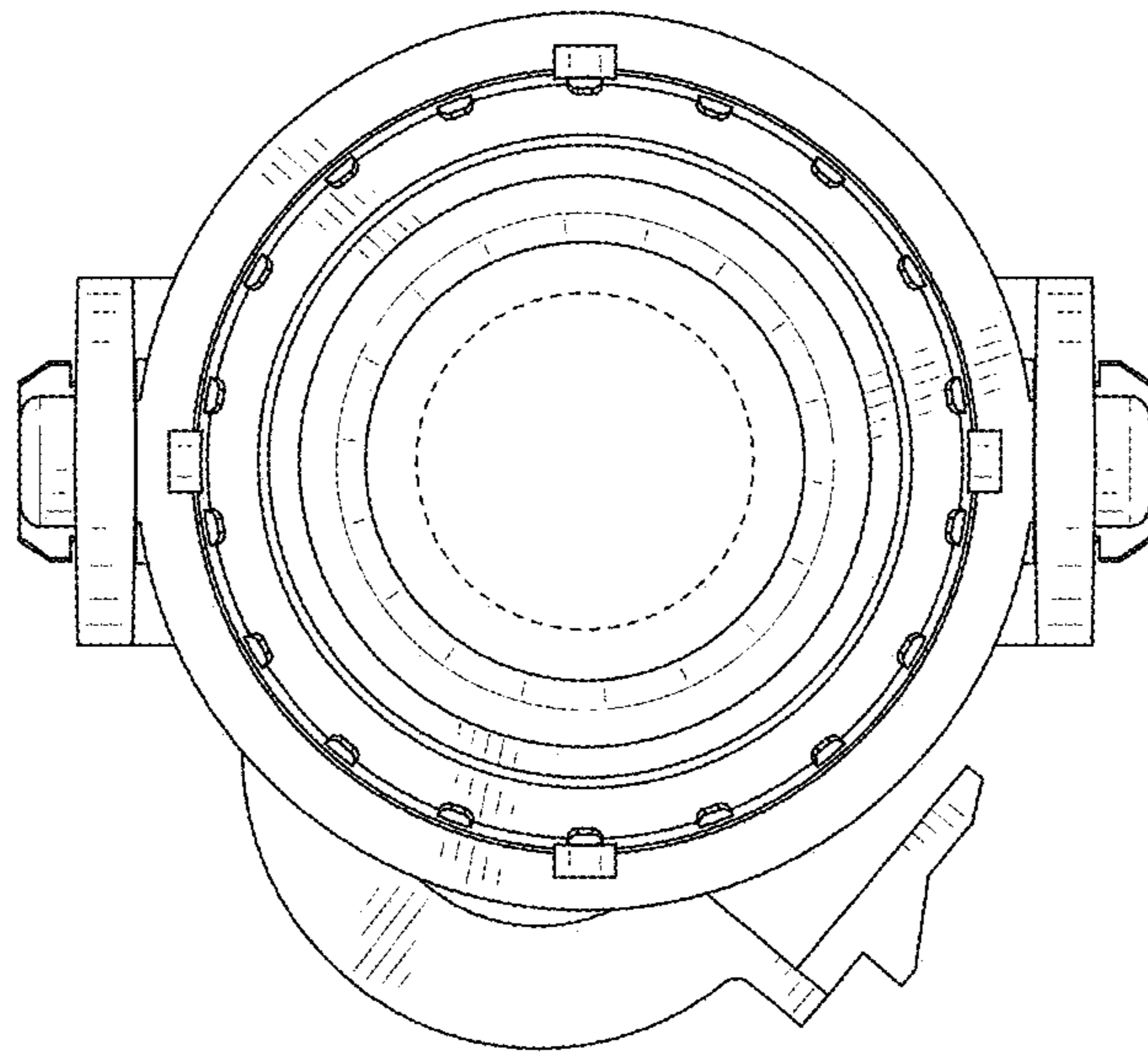


FIG. 8

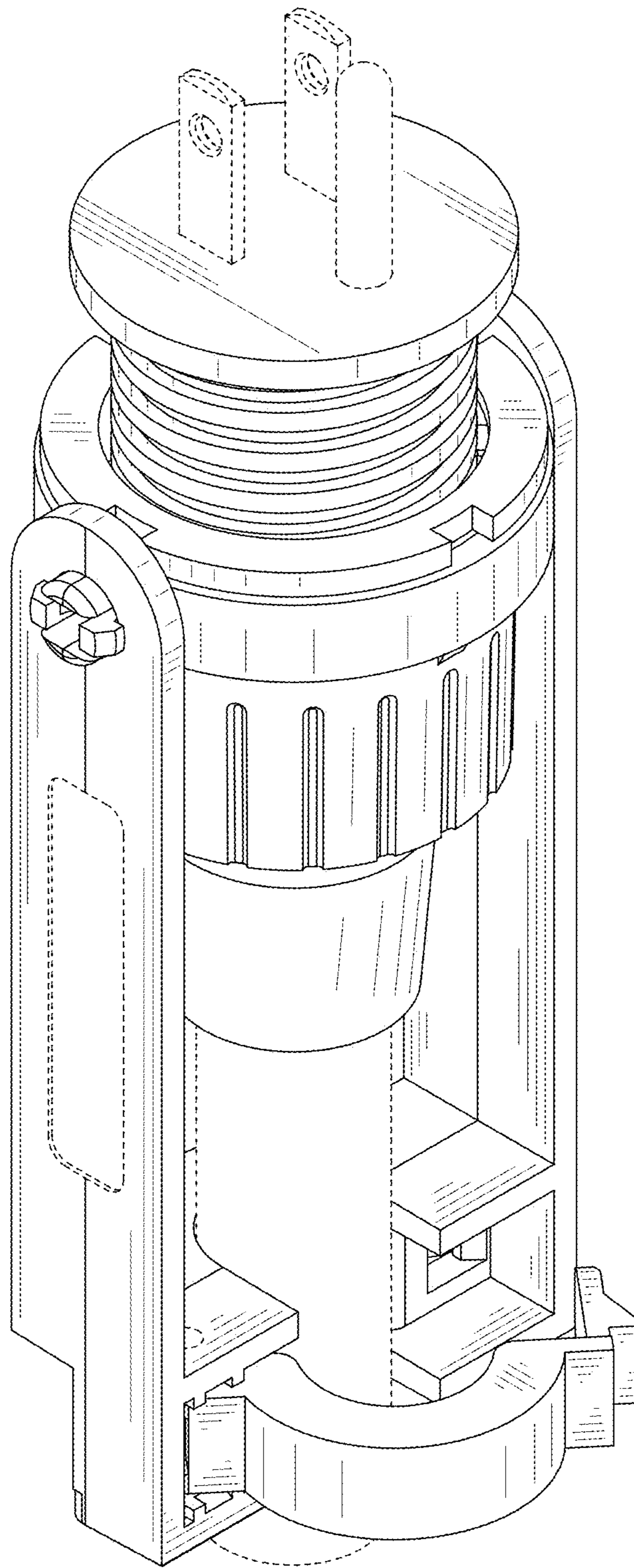


FIG. 9

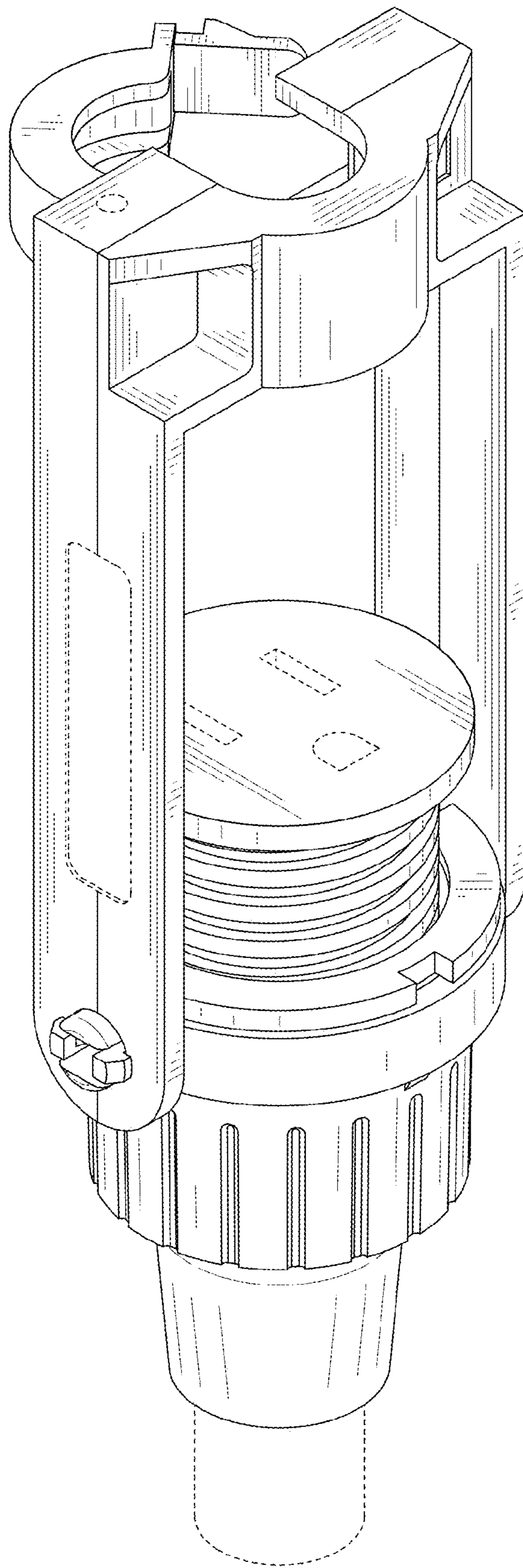


FIG. 10



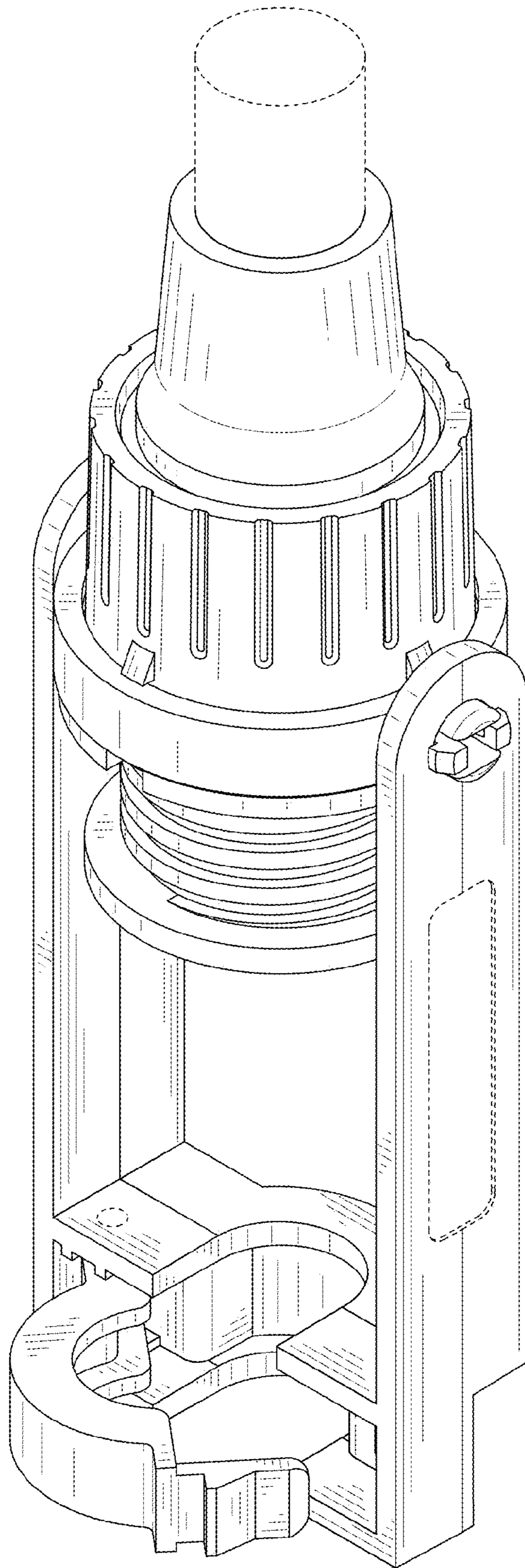


FIG. 11

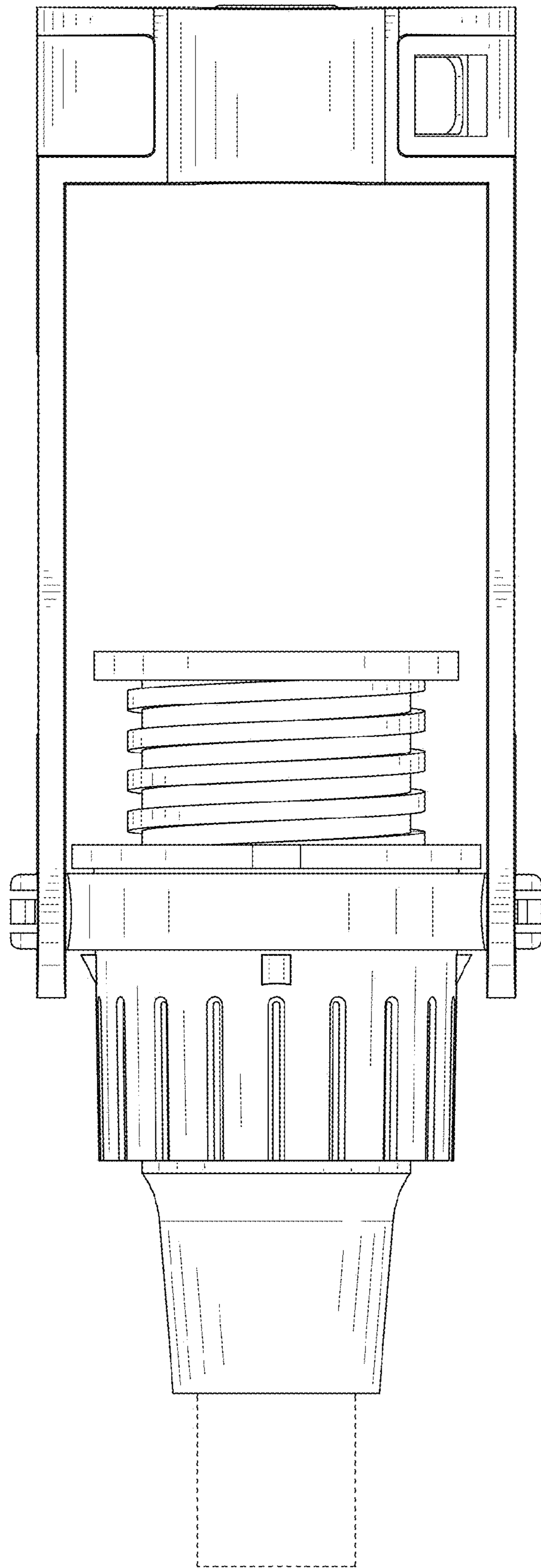


FIG. 12

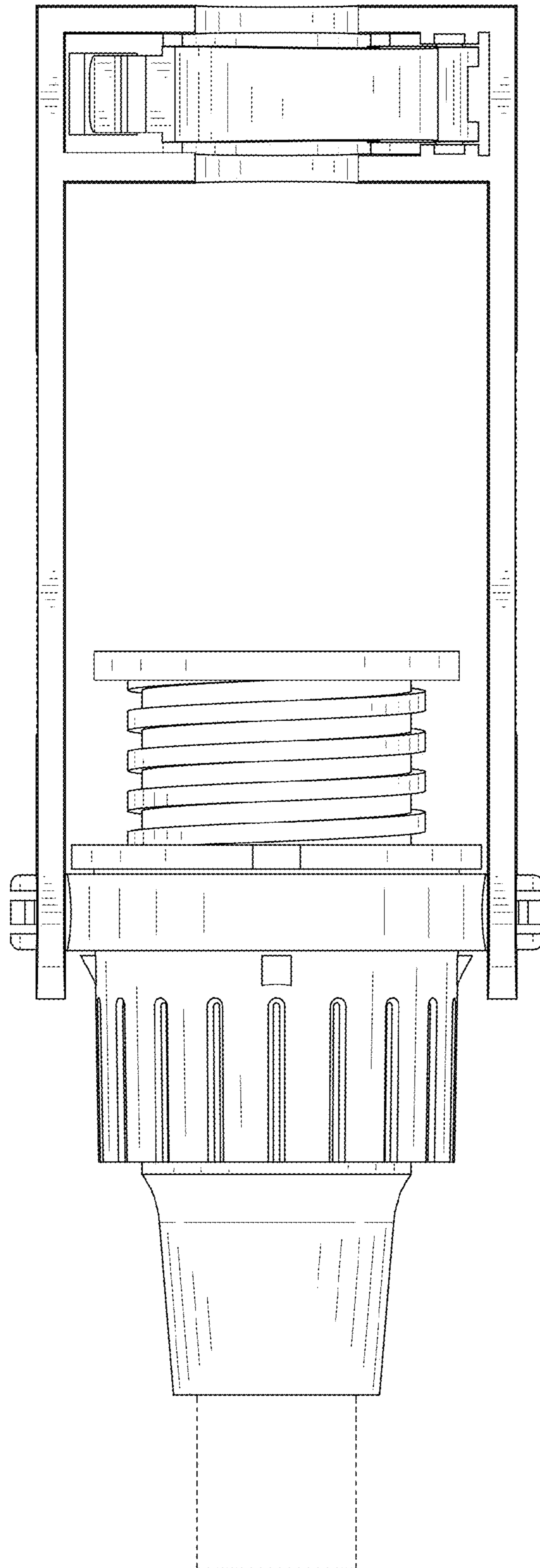


FIG. 13

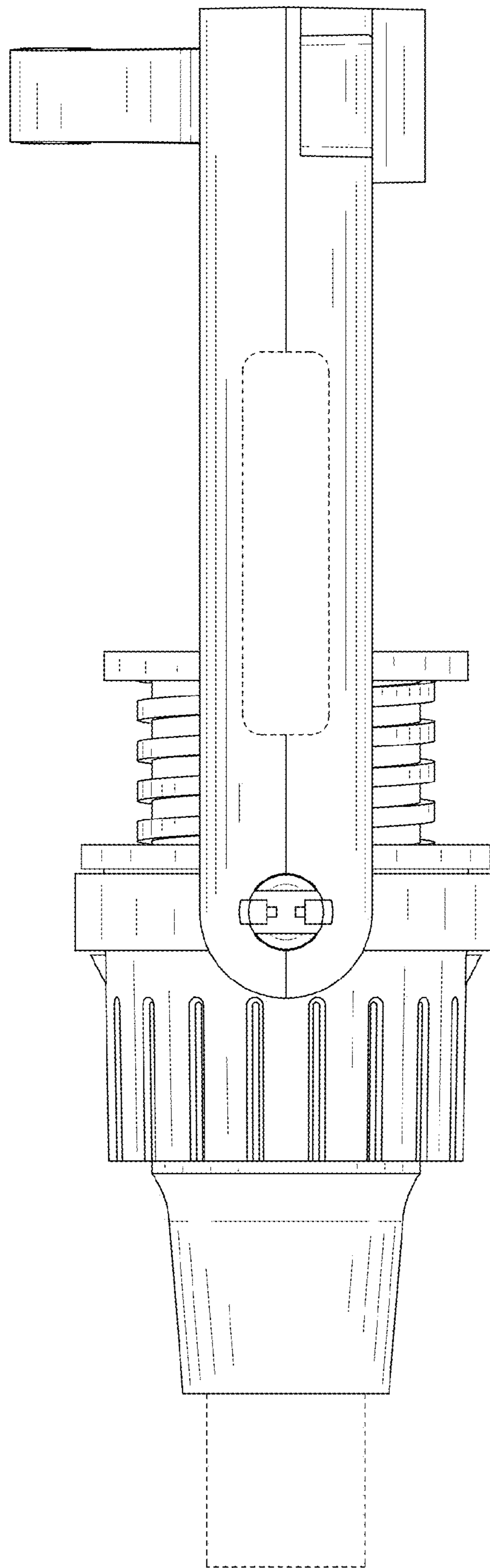


FIG. 14



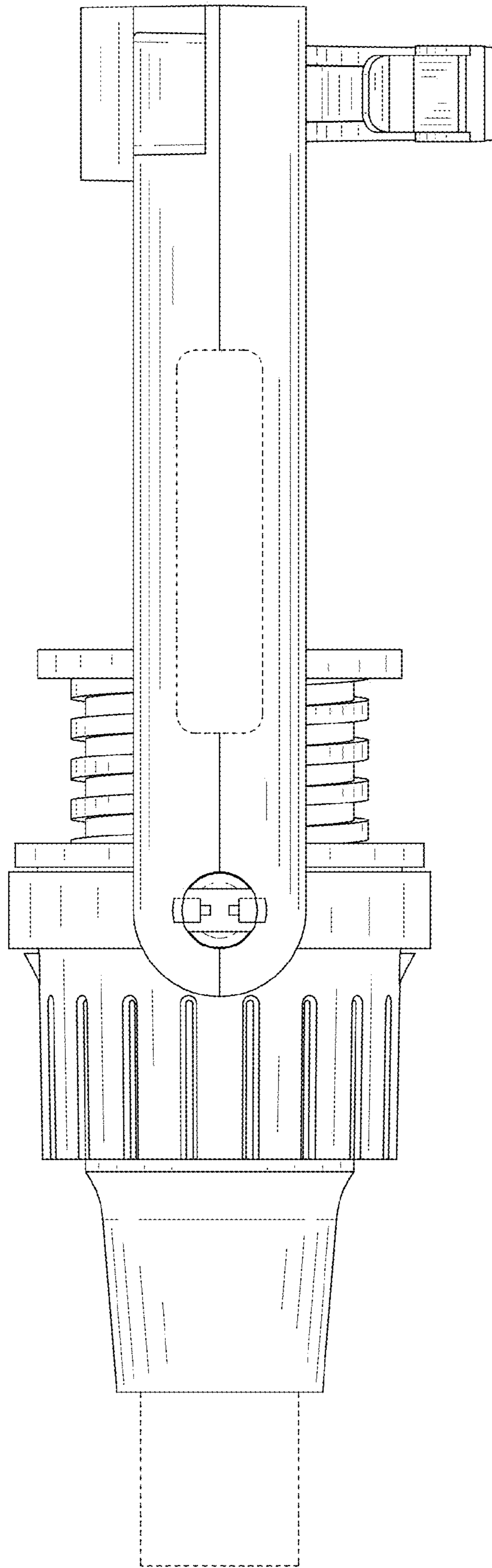


FIG. 15

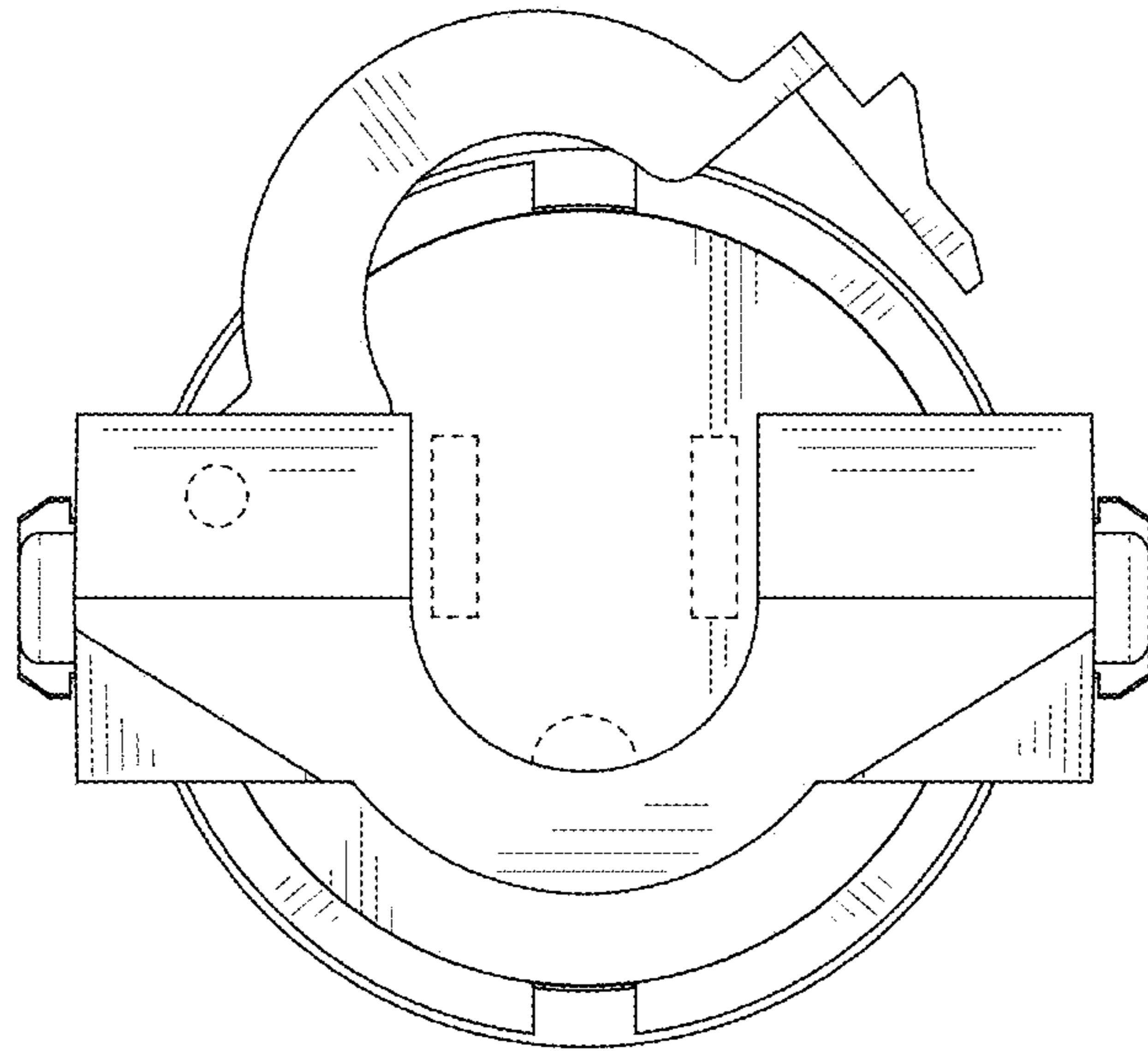


FIG. 16

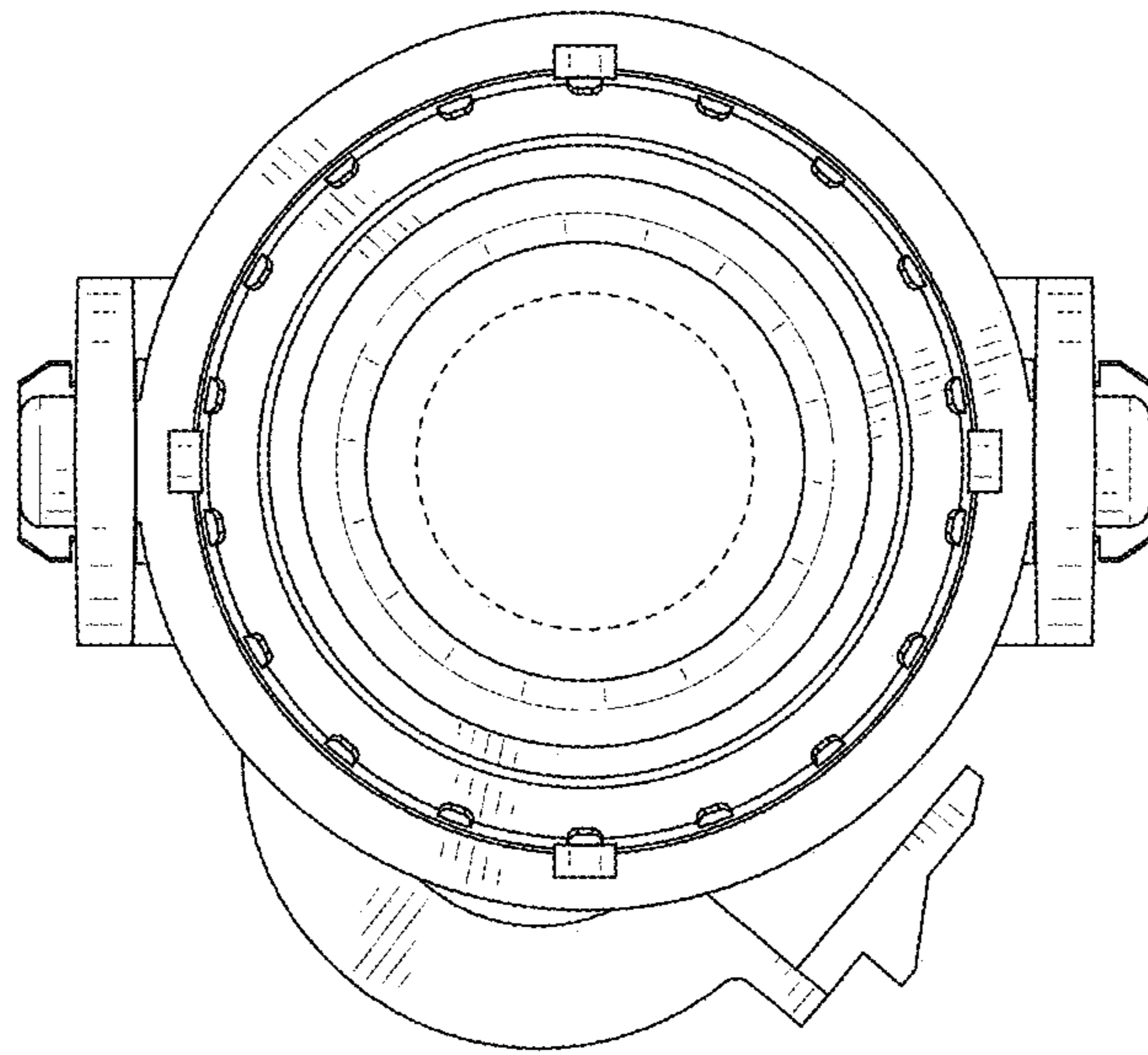


FIG. 17

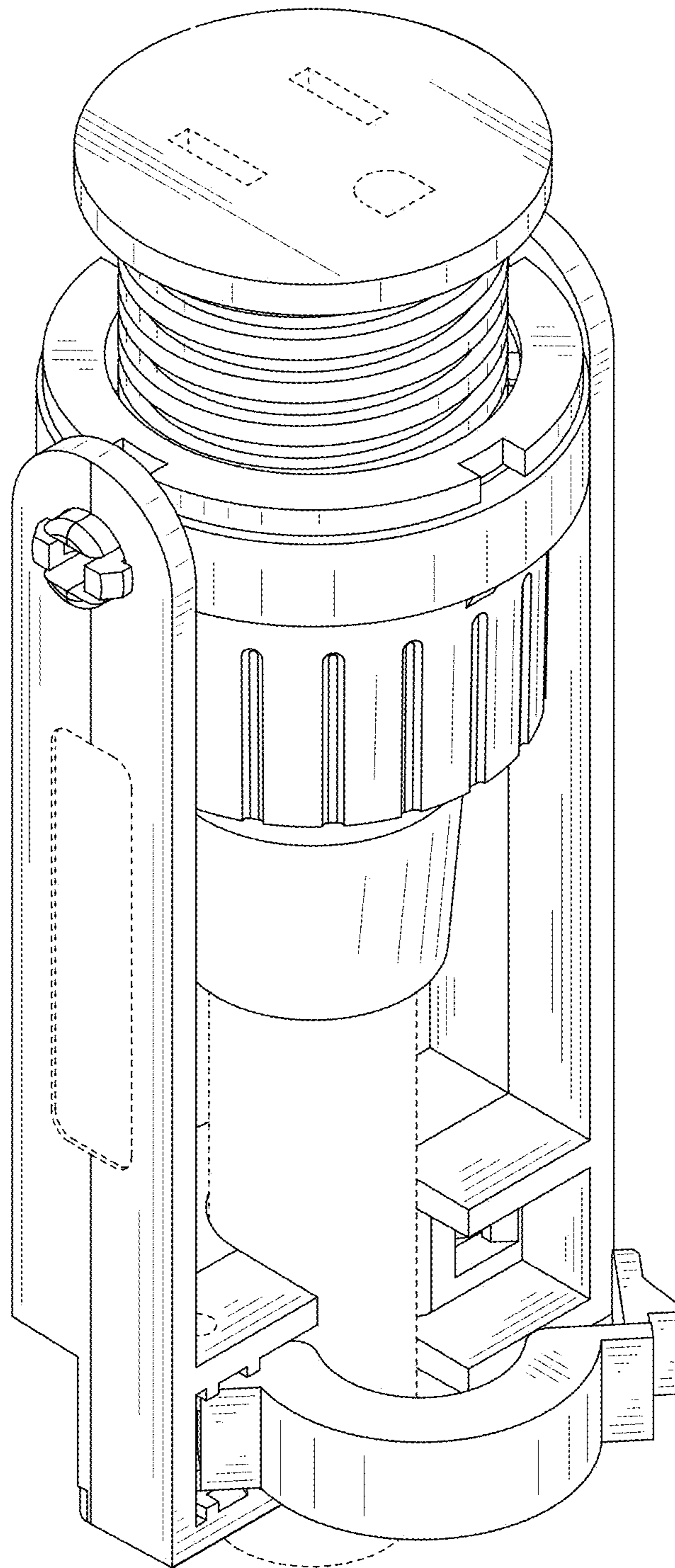


FIG. 18