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

(10) **Patent No.:** **US D917,678 S**

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(54) **PRESS TYPE QUICK RELEASE GREASE COUPLER**

(71) Applicant: **Huabing Han**, Hangzhou (CN)

(72) Inventor: **Huabing Han**, Hangzhou (CN)

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

(21) Appl. No.: **29/678,618**

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(51) **LOC (13) Cl.** **23-01**

(52) **U.S. Cl.**
USPC **D23/262**

(58) **Field of Classification Search**
USPC D8/14.1, 45, 382; D23/259, 262–263, D23/265; D24/108, 112, 129, 135, 141; 137/539; 222/335, 470–474, 571; 184/28–29, 105.1–105.3; 285/305, 316, 285/322
CPC F16N 23/00
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

935,268 A * 9/1909 Levedahl F16K 31/52408
251/240

2,070,013 A * 2/1937 Krannak F16L 37/127
285/316

2,285,010 A * 6/1942 Bullock F16K 21/14
251/101

3,779,586 A * 12/1973 Rossiter F16L 37/407
285/308

3,885,713 A * 5/1975 Weitzel F16N 3/12
222/153.14

D359,343 S * 6/1995 Dawson D23/262

8,720,487 B2 * 5/2014 Cooley F16L 37/34
137/614.05

10,415,749 B2 * 9/2019 Hung F16N 21/04

2012/0267890 A1 * 10/2012 Gurney F16L 37/138
285/308

2015/0115601 A1 * 4/2015 Boucher F16L 37/407
285/325

2018/0142837 A1 * 5/2018 Boren F16N 3/12

2018/0299065 A1 * 10/2018 Hung F16K 15/044

2019/0120413 A1 * 4/2019 Verma F16L 37/121

* cited by examiner

Primary Examiner — Amy C Wierenga

(74) *Attorney, Agent, or Firm* — Erson IP (Nelson IP)

(57) **CLAIM**

The ornamental design for a press type quick release grease coupler, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a press type quick release grease coupler showing my new design;

FIG. 2 is a front view thereof;

FIG. 3 is a rear view thereof;

FIG. 4 is a left side view thereof;

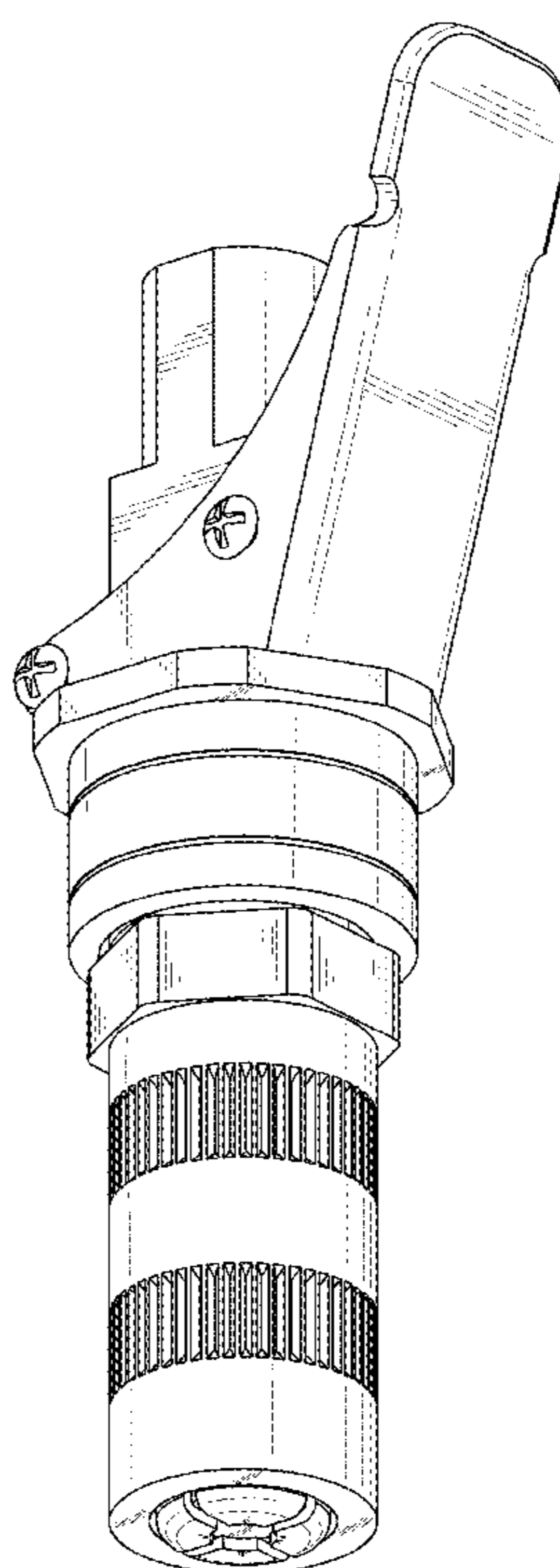
FIG. 5 is a right side view thereof;

FIG. 6 is a top plan view thereof; and,

FIG. 7 is a bottom plan view thereof.

The broken lines are for the purposes of illustrating portions of the push type quick release grease coupler and form no part of the claimed design.

1 Claim, 7 Drawing Sheets



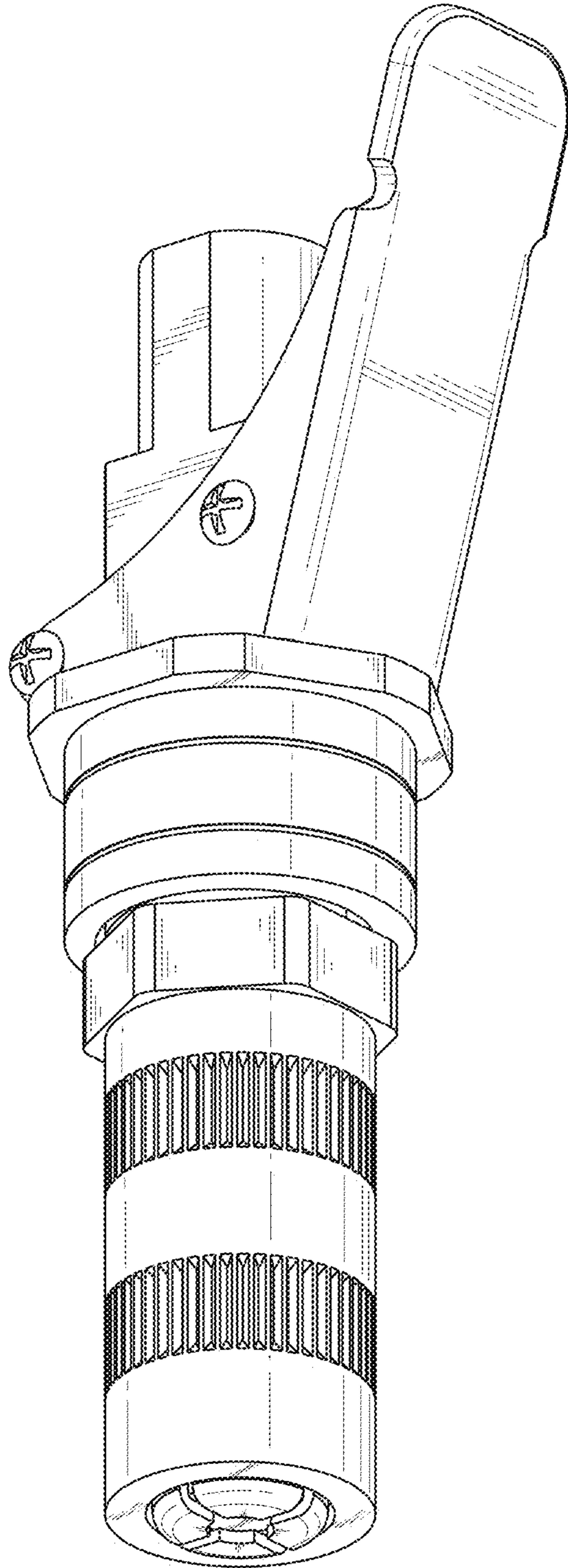


Fig.1

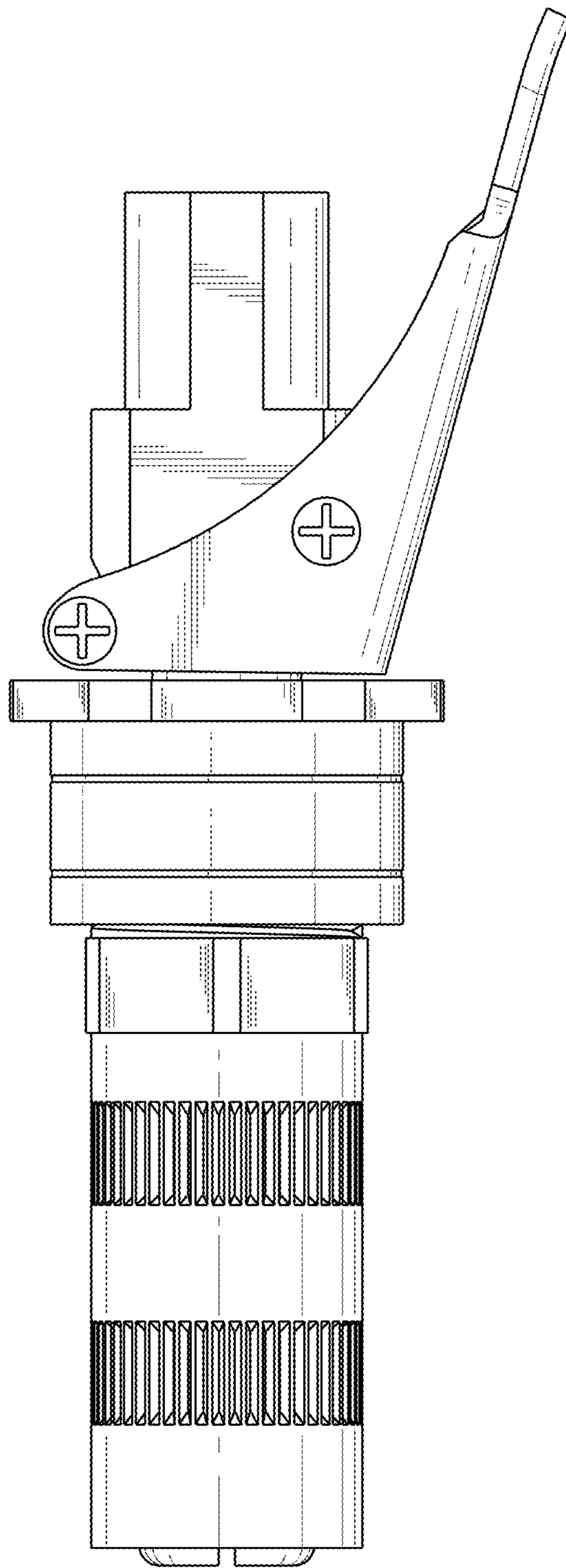


Fig.2

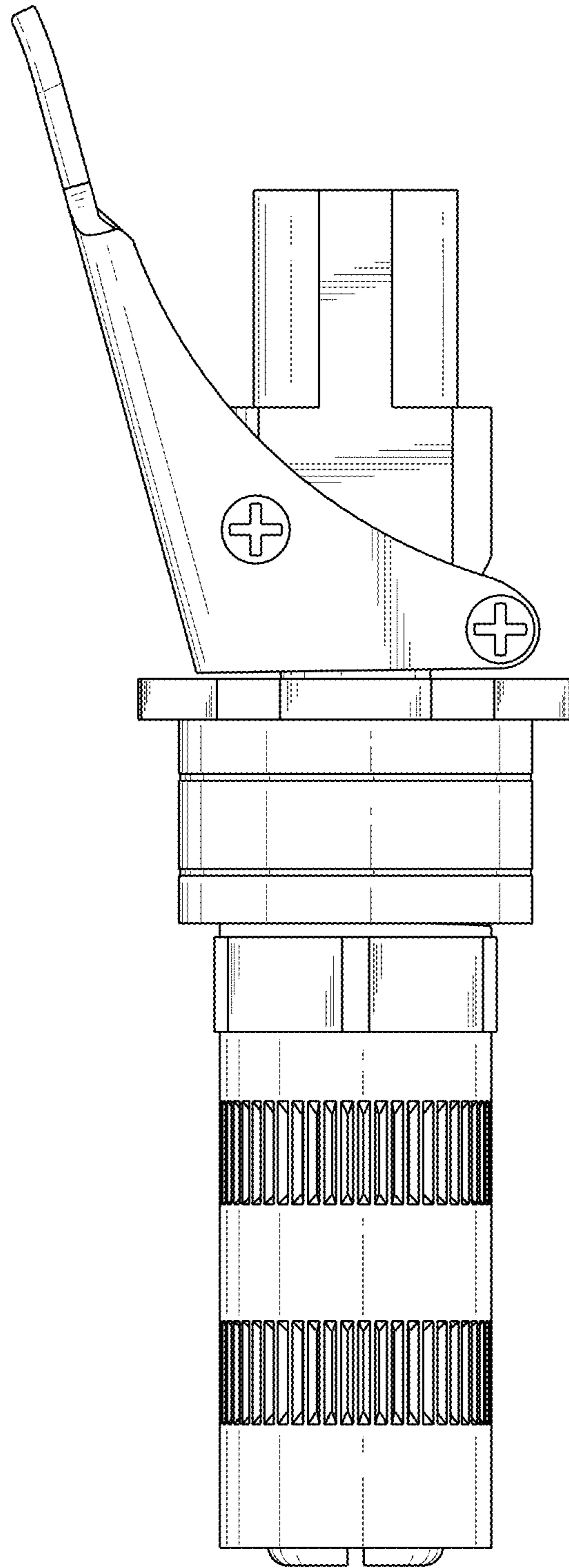


Fig.3

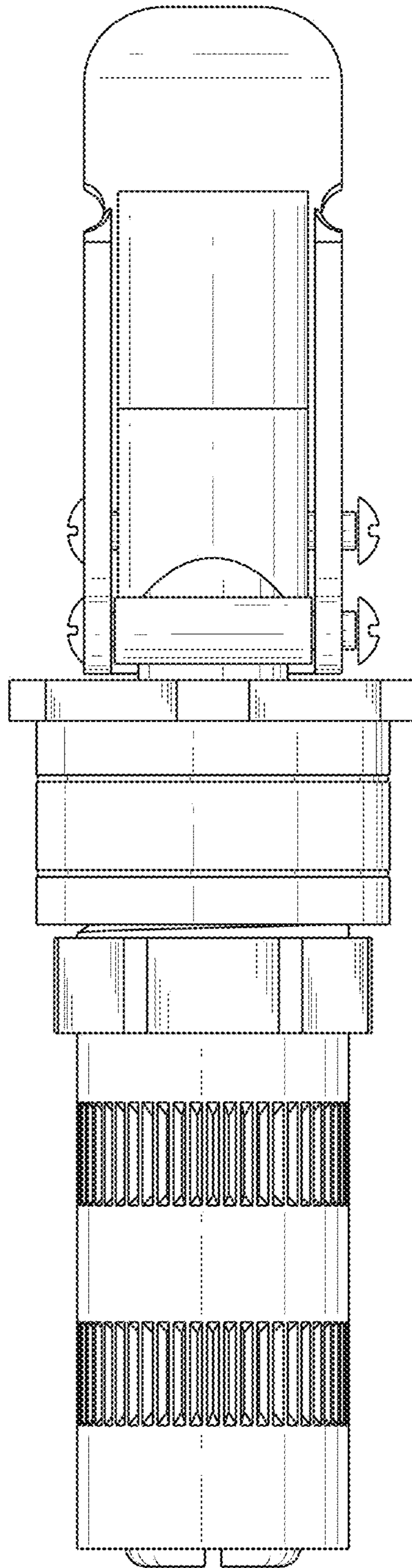


Fig.4

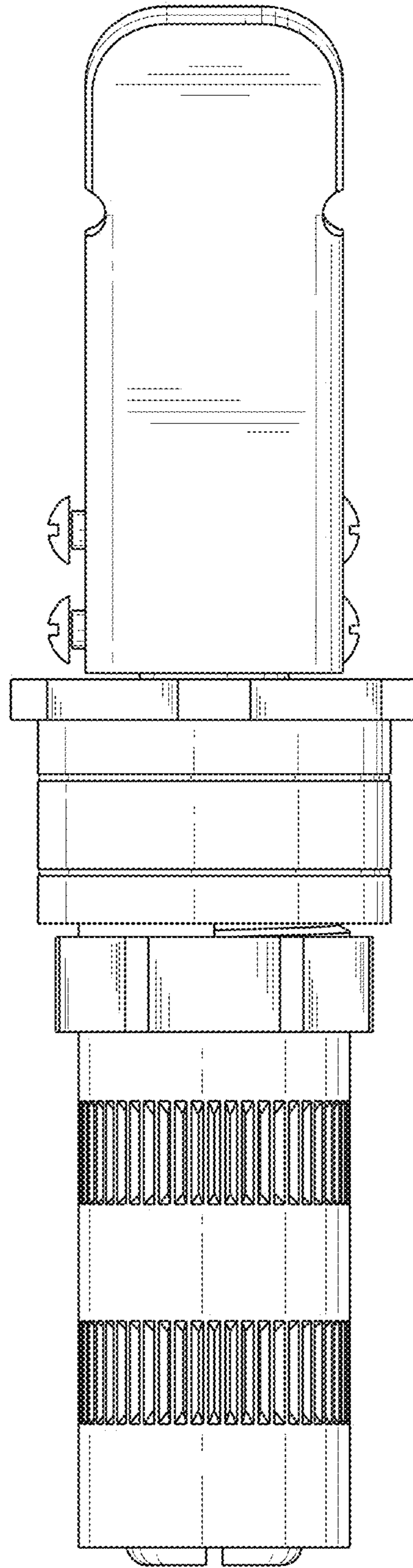


Fig.5

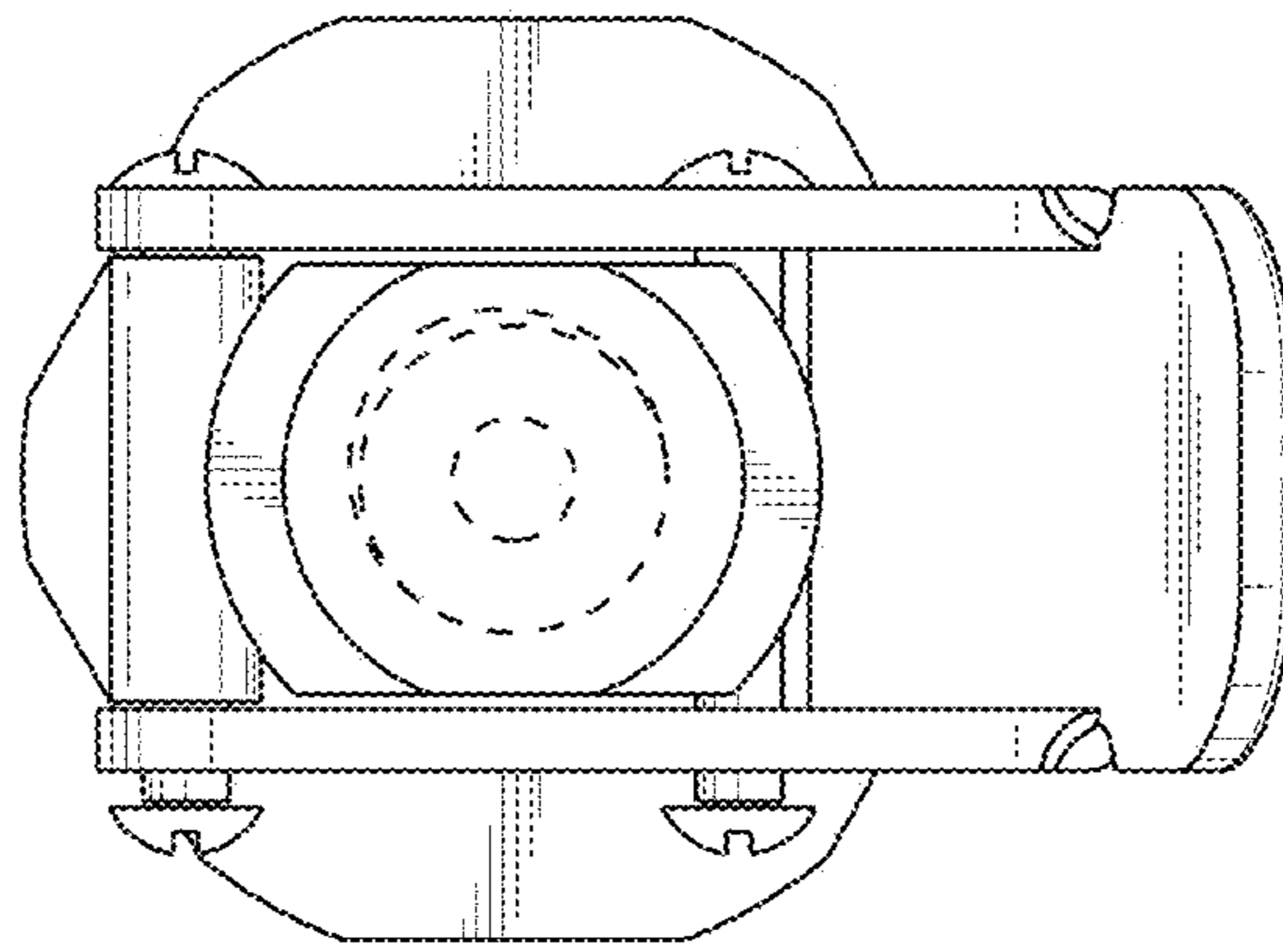


Fig.6

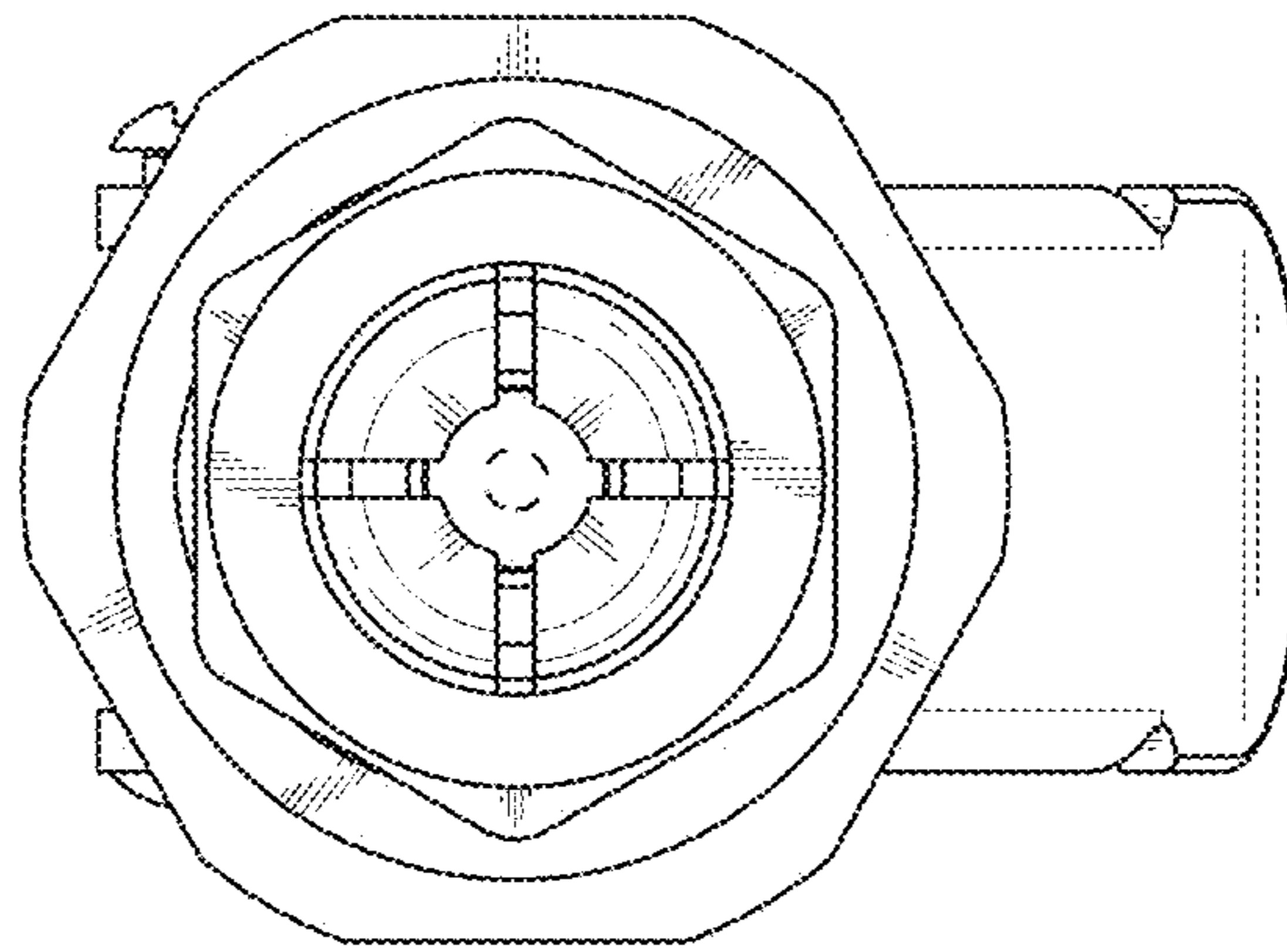


Fig.7