



US00D456819S

(12) **United States Design Patent** (10) **Patent No.:** **US D456,819 S**
Sebion et al. (45) **Date of Patent:** **** May 7, 2002**

(54) **RECIPROCATING PISTON PUMP**

(75) Inventors: **Michael J. Sebion**, Apple Valley; **Mark T. Weinberger**, Mounds View, both of MN (US)

(73) Assignee: **Graco Minnesota Inc.**, Minneapolis, MN (US)

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

(21) Appl. No.: **29/135,572**

(22) Filed: **Jan. 12, 2001**

(51) **LOC (7) Cl.** **15-02**

(52) **U.S. Cl.** **D15/7**

(58) **Field of Search** D15/7-9.1; D23/259; 138/33; 285/24, 156, 8, 148.13, 41, 61, 155, 292, 382, 423; 137/208; 221/61; 417/234, 368, 254, 443, 454, 554; 92/248

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,330,217 A * 7/1967 Baur et al. 417/454
4,568,249 A * 2/1986 Todd 417/238
4,699,572 A * 10/1987 Balkau et al. 417/254

5,346,037 A * 9/1994 Flaig et al. 184/24
D354,495 S * 1/1995 Tojo D15/7
5,456,583 A * 10/1995 Handzel 417/454
D371,371 S * 7/1996 Hammond D15/7
D372,034 S * 7/1996 Handzel et al. D15/7
D392,649 S * 3/1998 Plummer et al. D15/7
5,951,259 A * 9/1999 Gardner et al. 417/254

* cited by examiner

Primary Examiner—Ralf Seifert

(74) *Attorney, Agent, or Firm*—Douglas B. Farrow

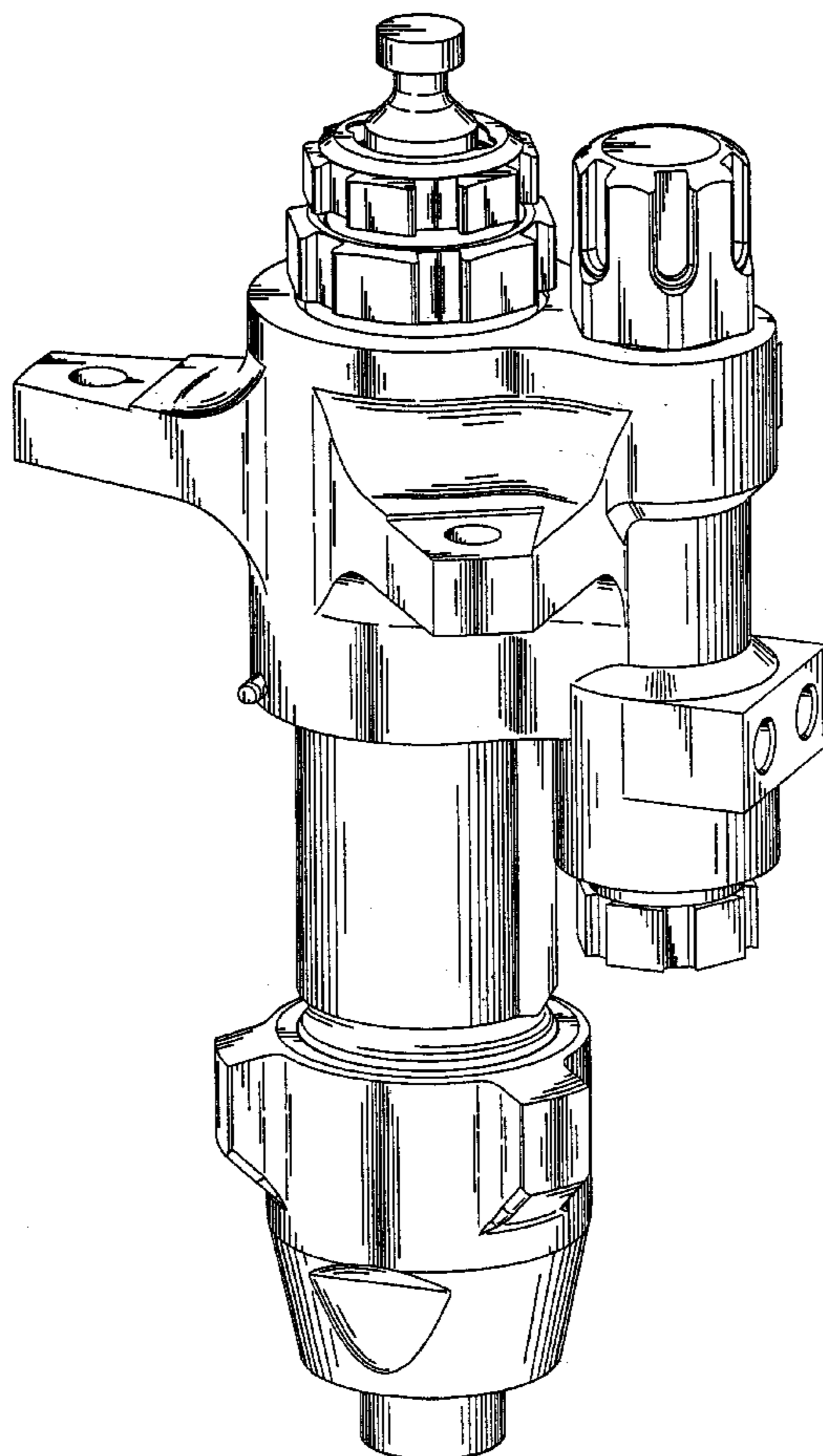
(57) **CLAIM**

The ornamental design for the reciprocating piston pump, as shown and described.

DESCRIPTION

FIG. 1 is a front elevation view of the reciprocating piston pump;
FIG. 2 is a rear elevation view thereof;
FIG. 3 is a left side elevation view thereof;
FIG. 4 is a right side elevation view thereof;
FIG. 5 is a top elevation view thereof;
FIG. 6 is a bottom elevation view thereof; and,
FIG. 7 is a perspective view thereof.

1 Claim, 7 Drawing Sheets



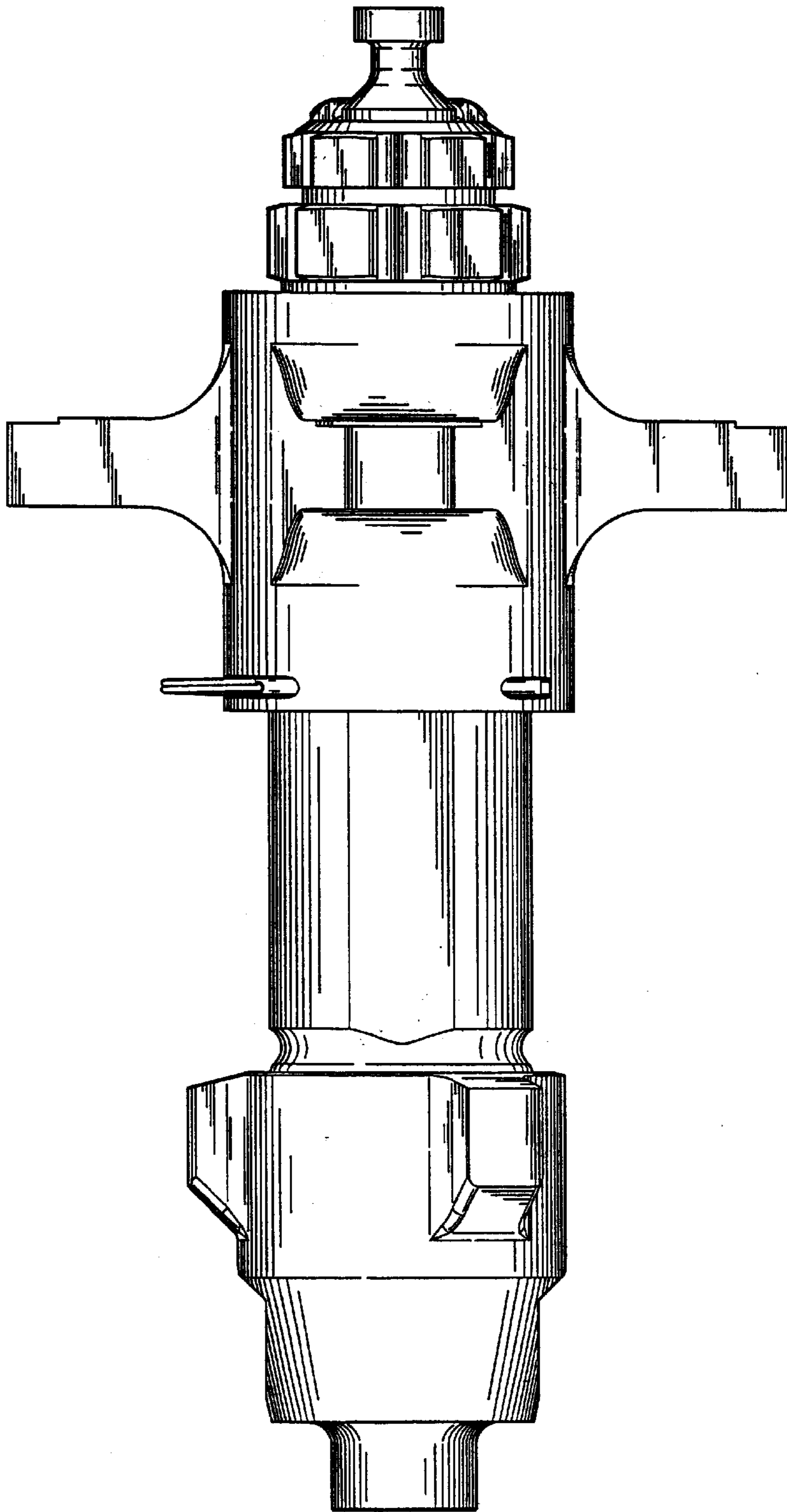


FIG. 1

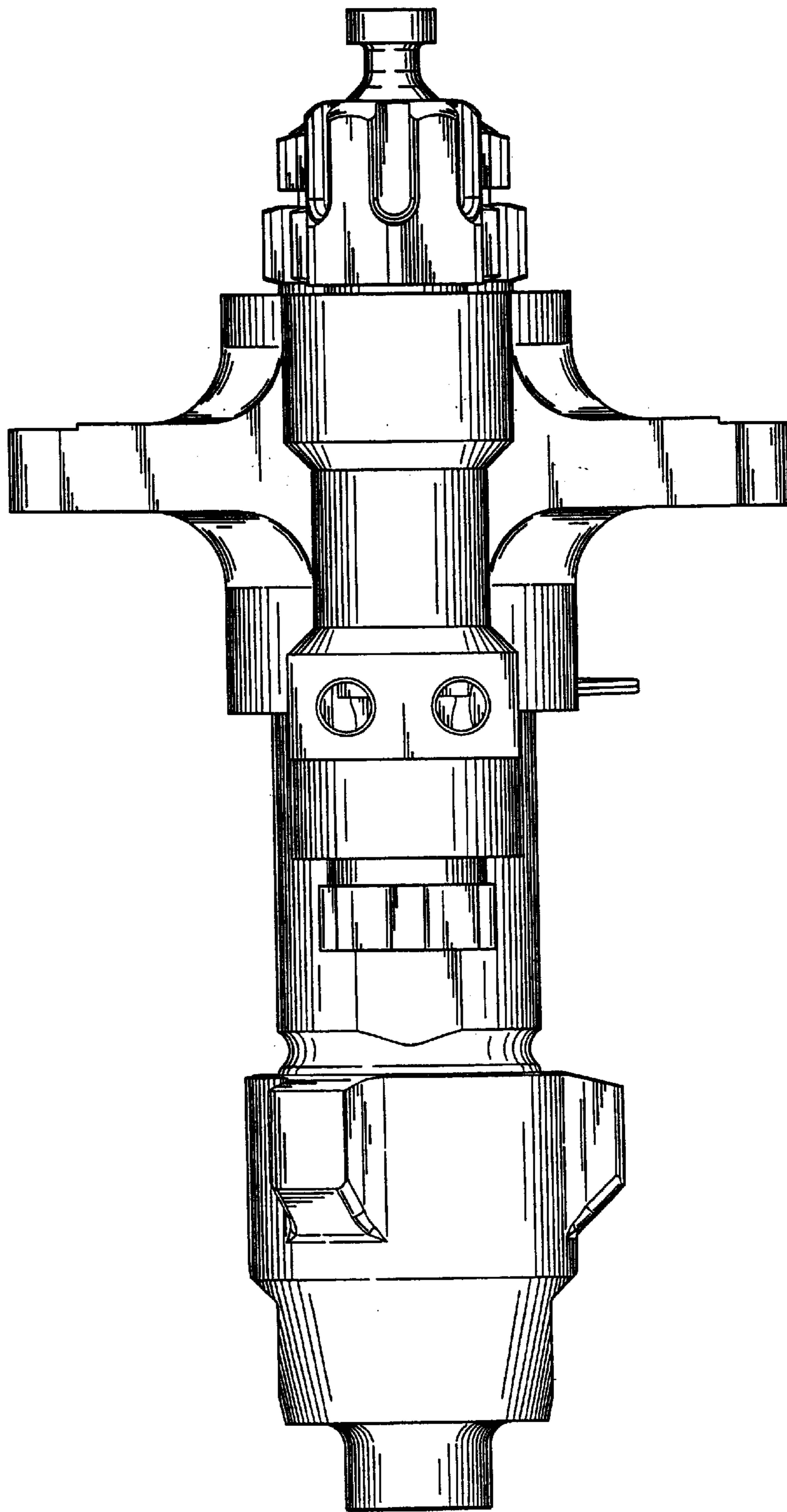


FIG. 2

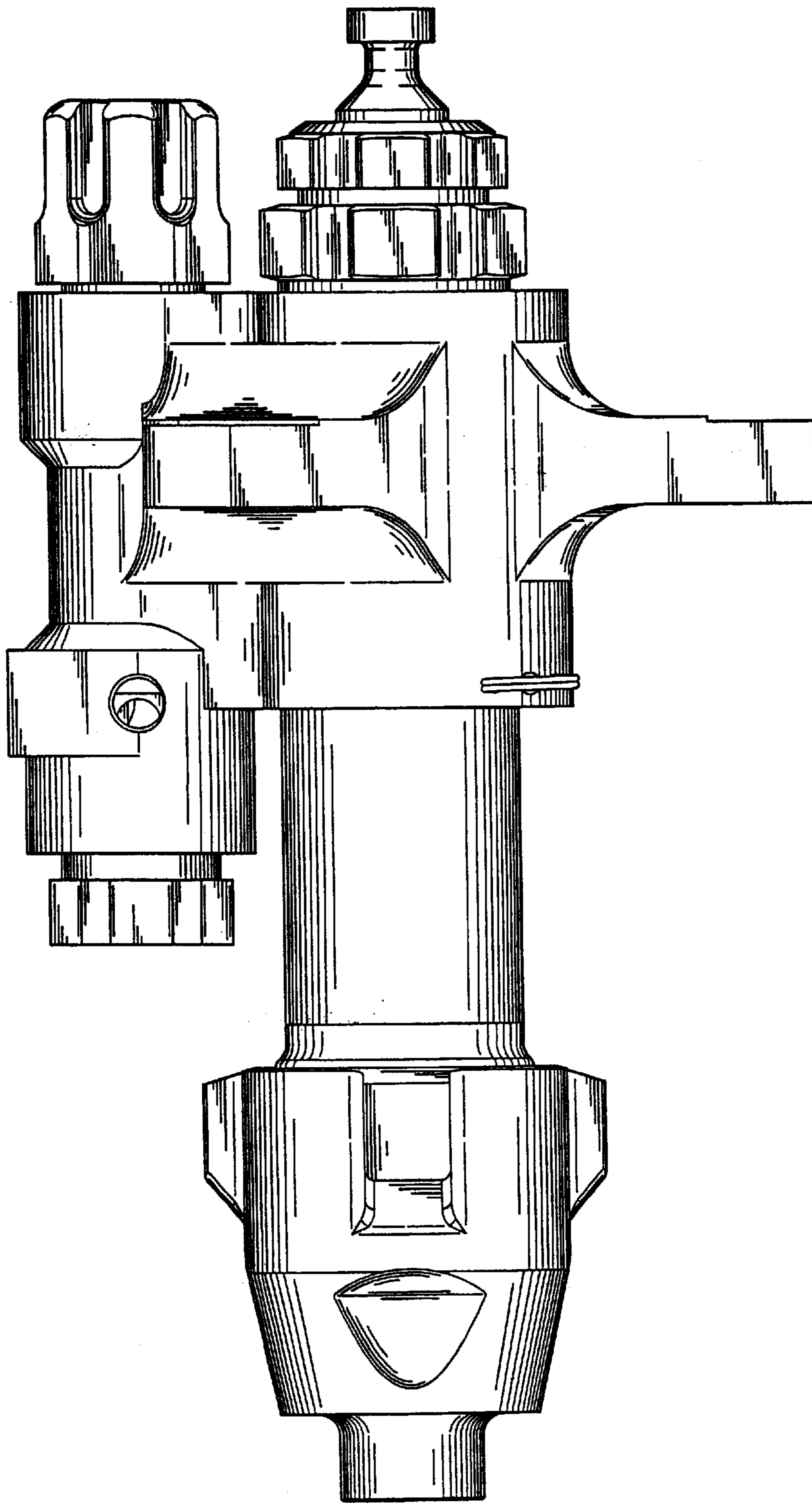


FIG. 3

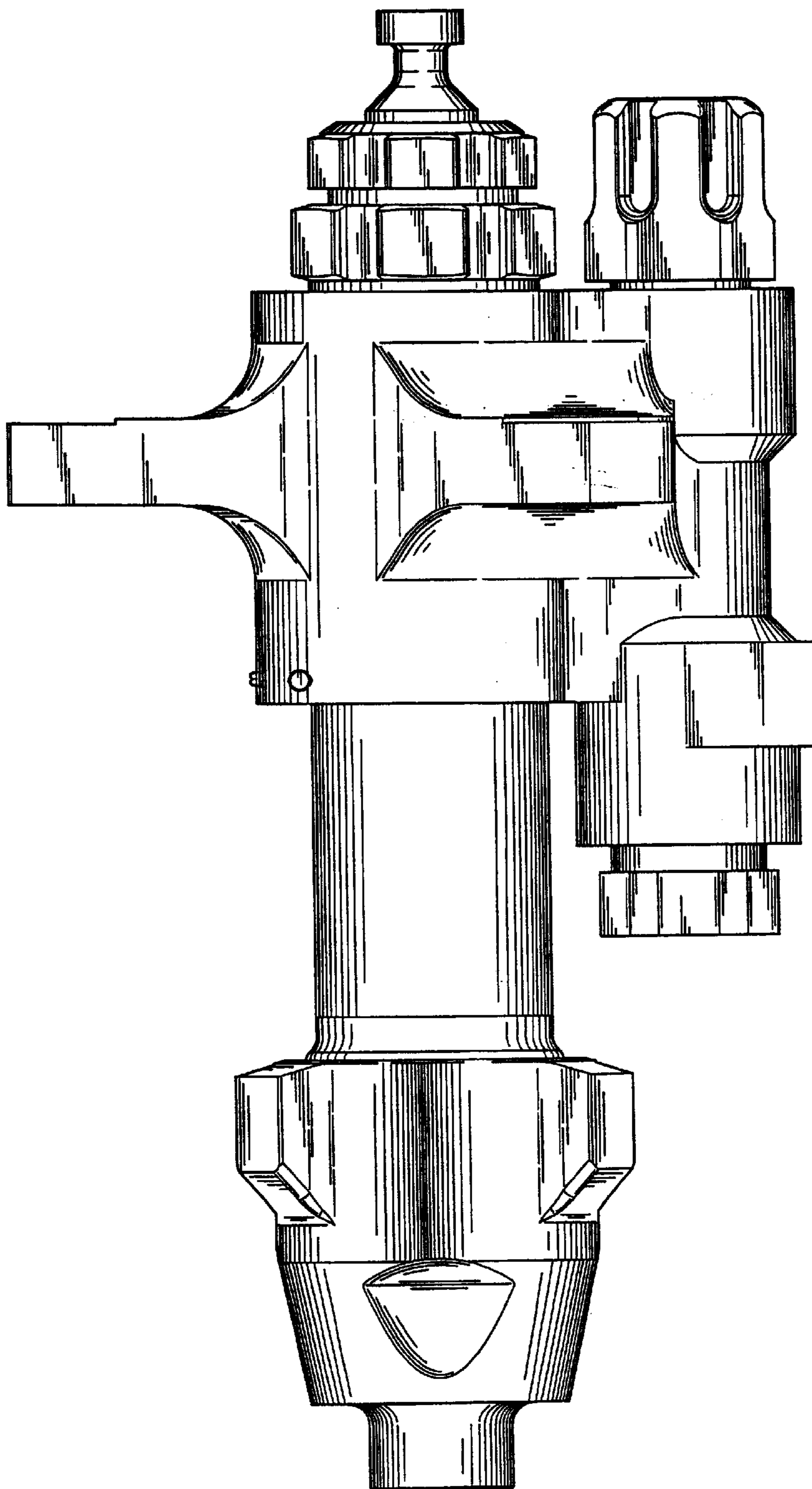


FIG. 4

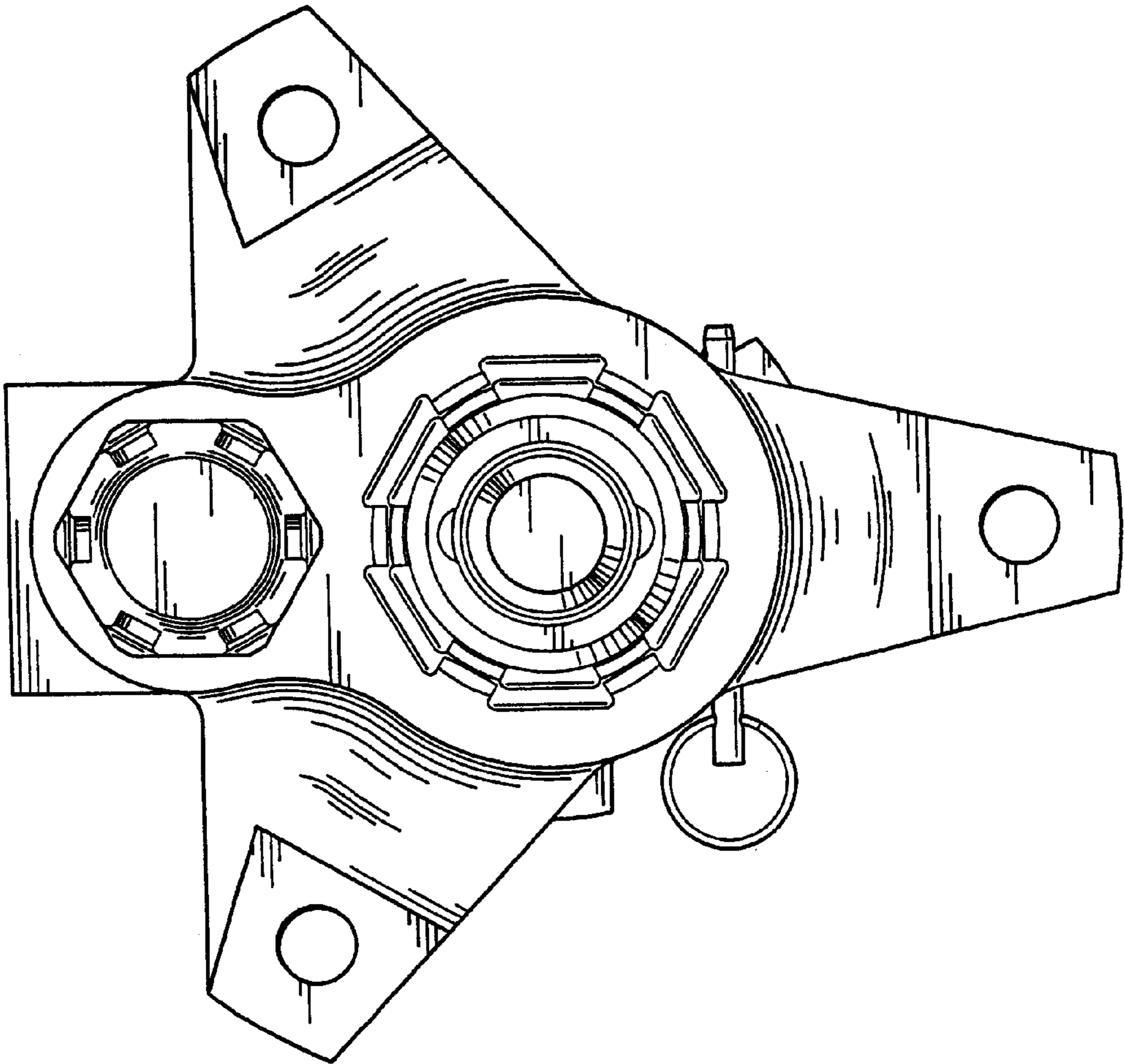


FIG. 5

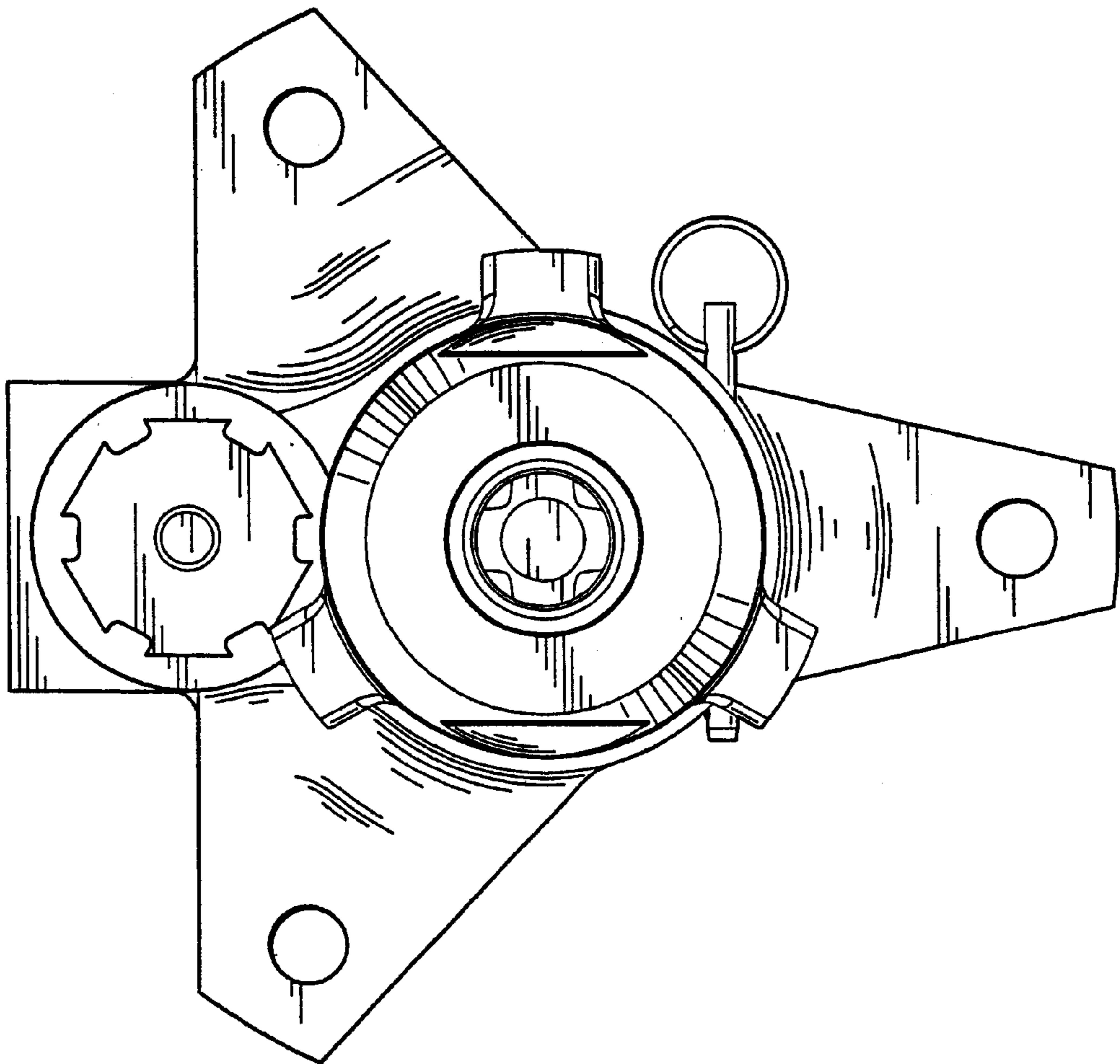


FIG. 6

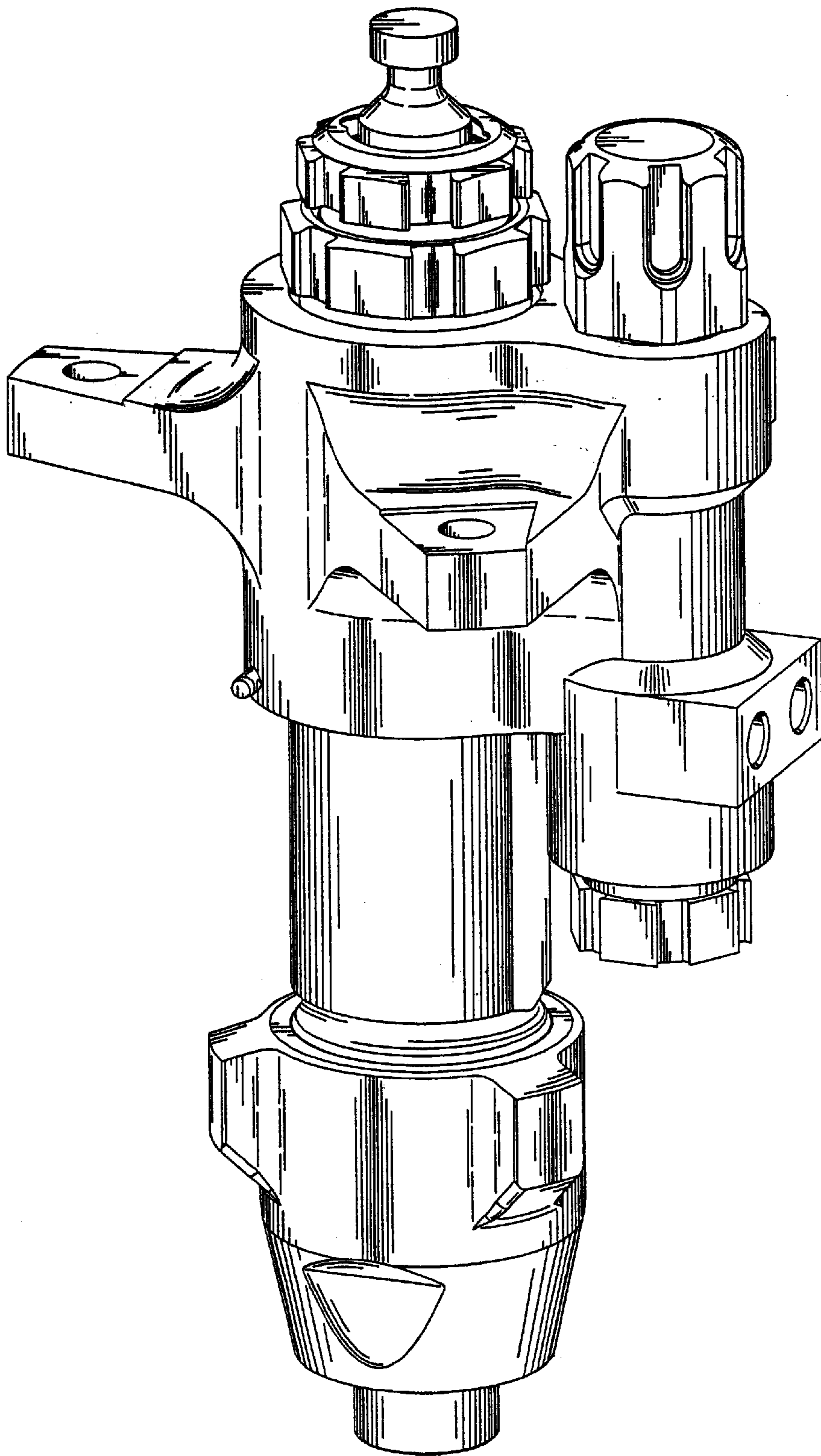


FIG. 7