

US00D516087S

(12) **United States Design Patent** (10) **Patent No.:** **US D516,087 S**
Van Norman (45) **Date of Patent:** **** Feb. 28, 2006**

- (54) **PUMP GEARBOX BEARING RETAINERS
AND DRIVE SHAFTS**
- (75) Inventor: **Drew J. Van Norman**, Whitewater, WI
(US)
- (73) Assignee: **SPX Corporation**, Charlotte, NC (US)
- (**) Term: **14 Years**
- (21) Appl. No.: **29/228,482**
- (22) Filed: **Apr. 25, 2005**

Related U.S. Application Data

- (62) Division of application No. 29/205,006, filed on May 10, 2004, now Pat. No. Des. 509,226.
- (51) **LOC (8) Cl.** **15-01**
- (52) **U.S. Cl.** **D15/5**
- (58) **Field of Classification Search** D15/1-5,
D15/7, 9.1; 417/321, 413.1, 415, 423.3, 486,
417/521, 534; 415/148; 123/26, 434, 180 E,
123/438, 510, 534, 549; 261/DIG. 21, DIG. 28,
261/DIG. 43, DIG. 45, DIG. 51, DIG. 73
See application file for complete search history.

- (56) **References Cited**
U.S. PATENT DOCUMENTS

D324,052 S * 2/1992 Dean D15/5

D329,651 S * 9/1992 Kuwada et al. D15/9.1
D333,475 S * 2/1993 Kuwada et al. D15/9.1
5,447,078 A 9/1995 Robinson et al. 74/606 R
D377,657 S 1/1997 Winters, Sr. D15/149
D406,596 S 3/1999 Ziegler et al. D15/148
D427,218 S 6/2000 Jordan D15/149
6,125,717 A 10/2000 Phillips 74/606 R
D453,939 S 2/2002 Ochiai D15/9

* cited by examiner

Primary Examiner—Caron D. Veynar
Assistant Examiner—Maurice Stevens
(74) *Attorney, Agent, or Firm*—Baker & Hostetler LLP

(57) **CLAIM**

The ornamental design for a pump gearbox bearing retainers and drive shafts, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a pump gearbox bearing retainers and drive shafts, showing the inventive design thereof;
FIG. 2 is a front view thereof;
FIG. 3 is a right side view thereof;
FIG. 4 is a left side view thereof;
FIG. 5 is a top view thereof; and,
FIG. 6 is a detail view thereof.
The broken lines shown in all of the figures are for illustrative purposes only and form no part of the claimed design.

1 Claim, 6 Drawing Sheets

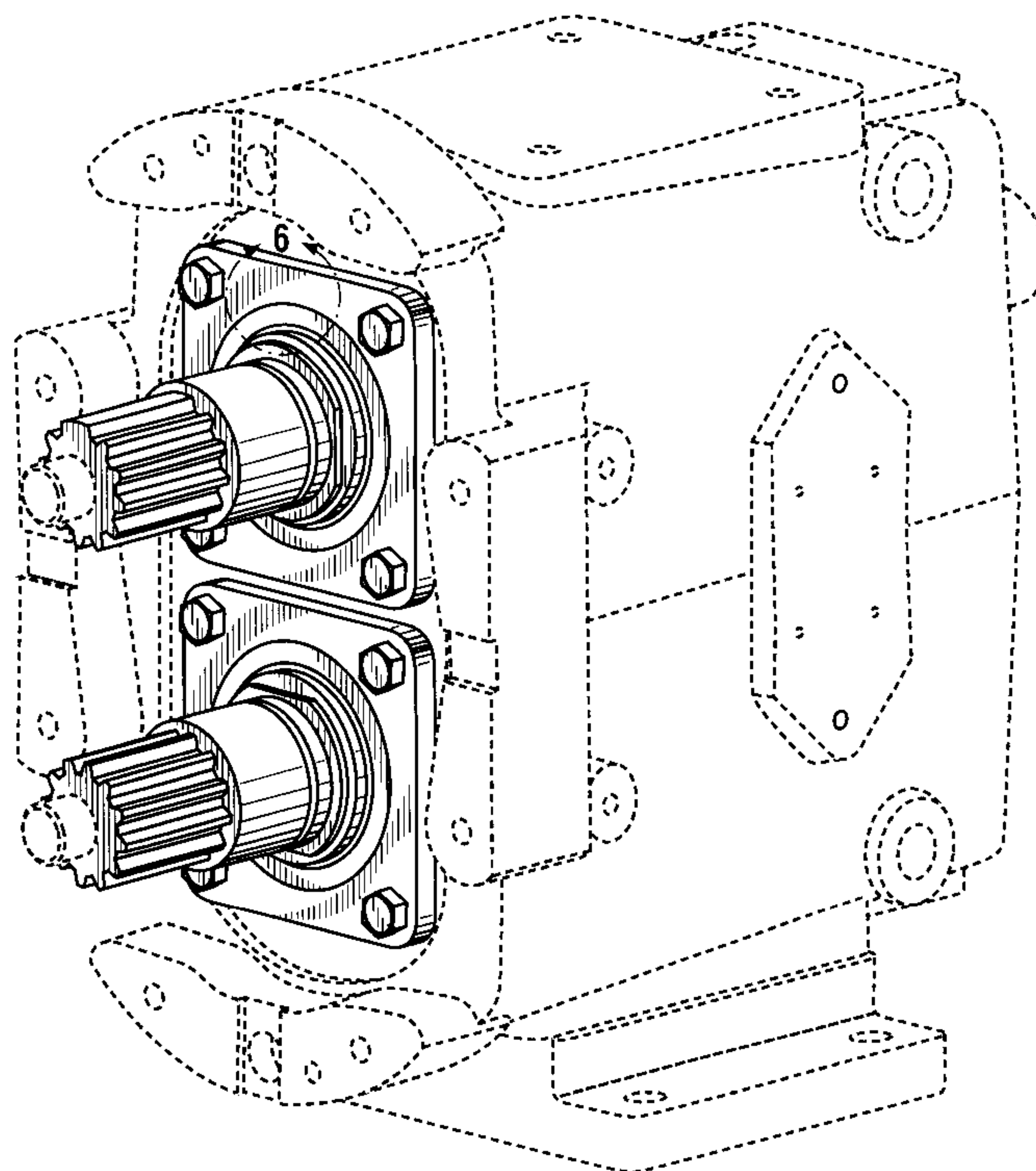


FIG. 1

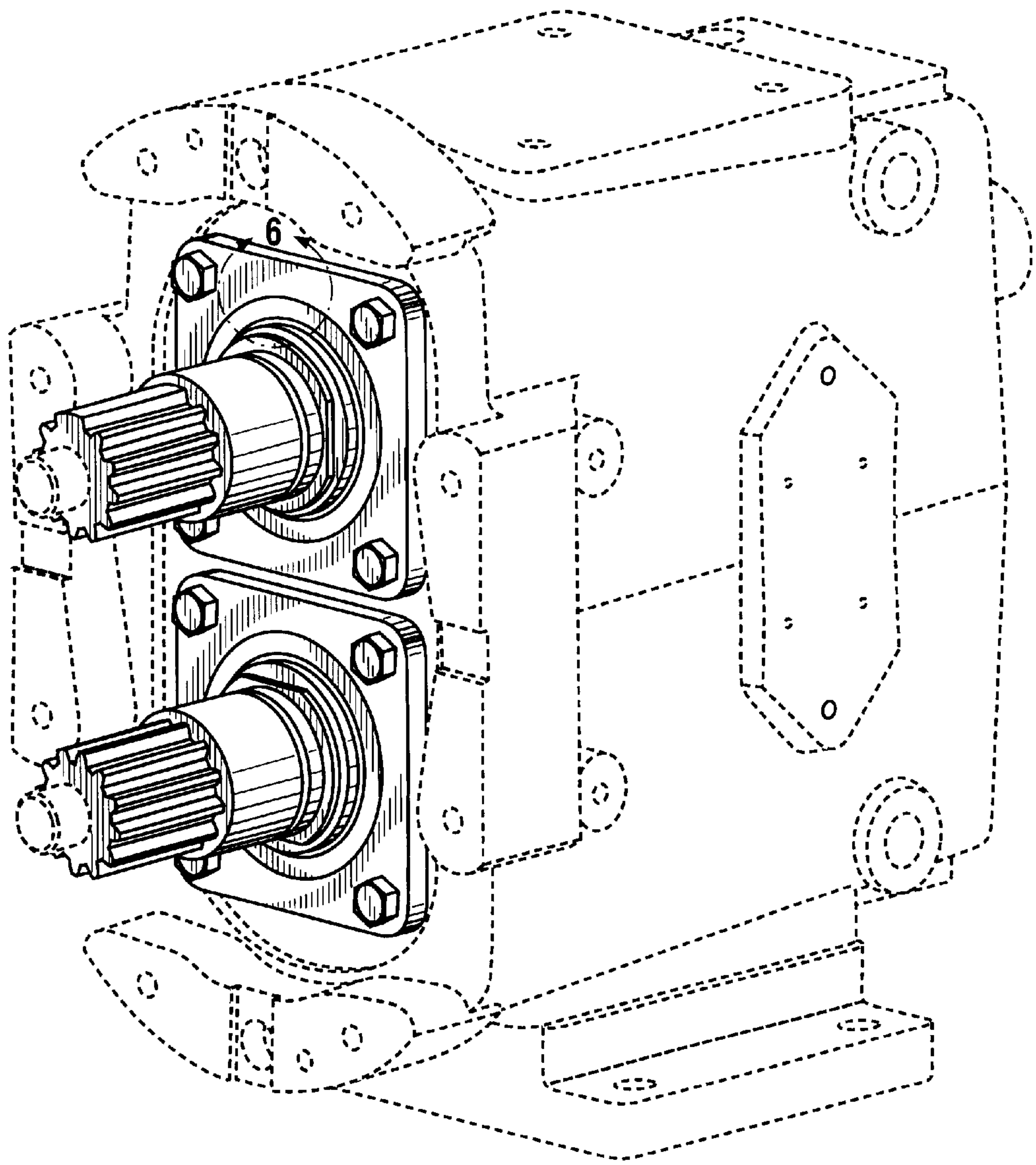


FIG. 2

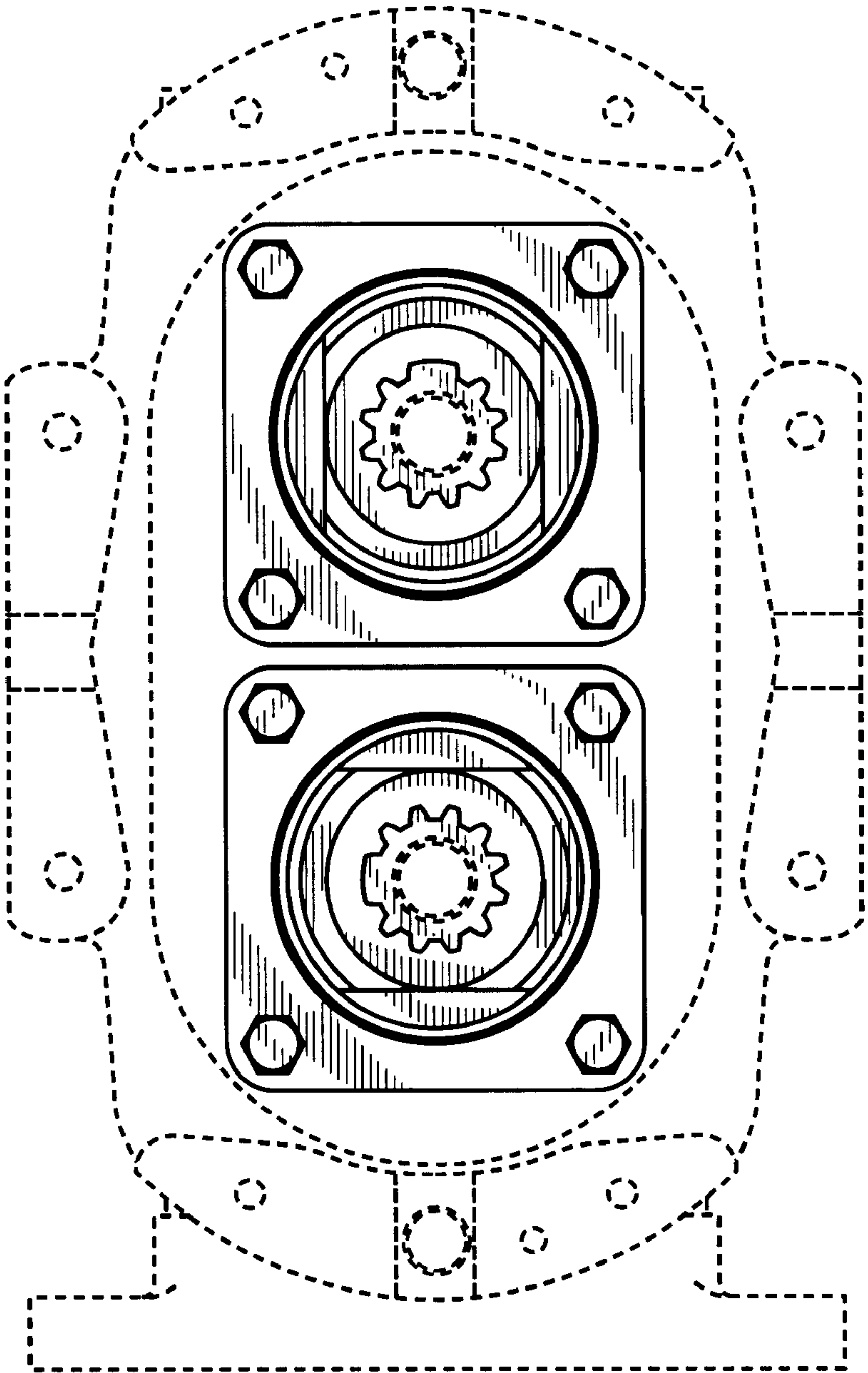


FIG. 3

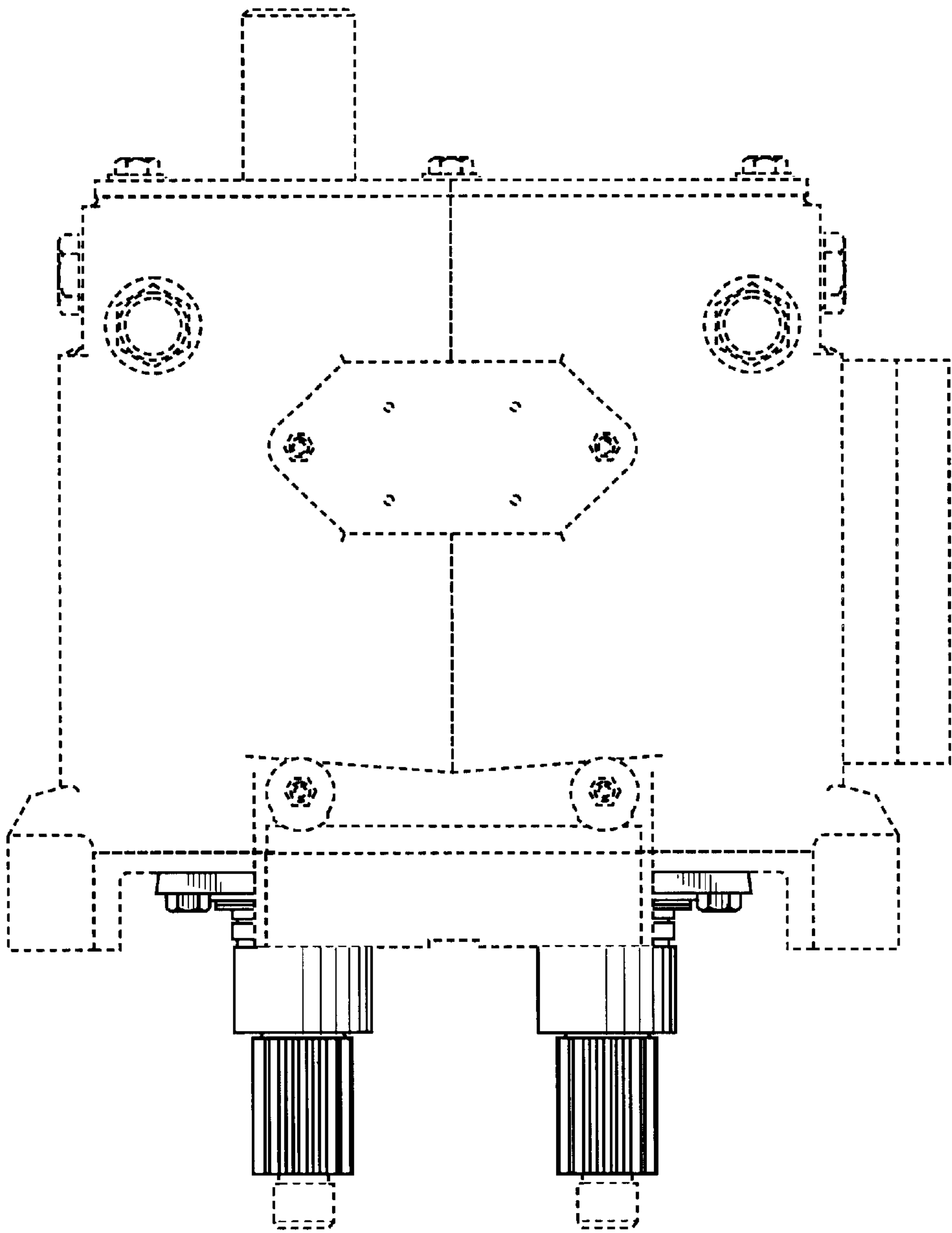


FIG. 4

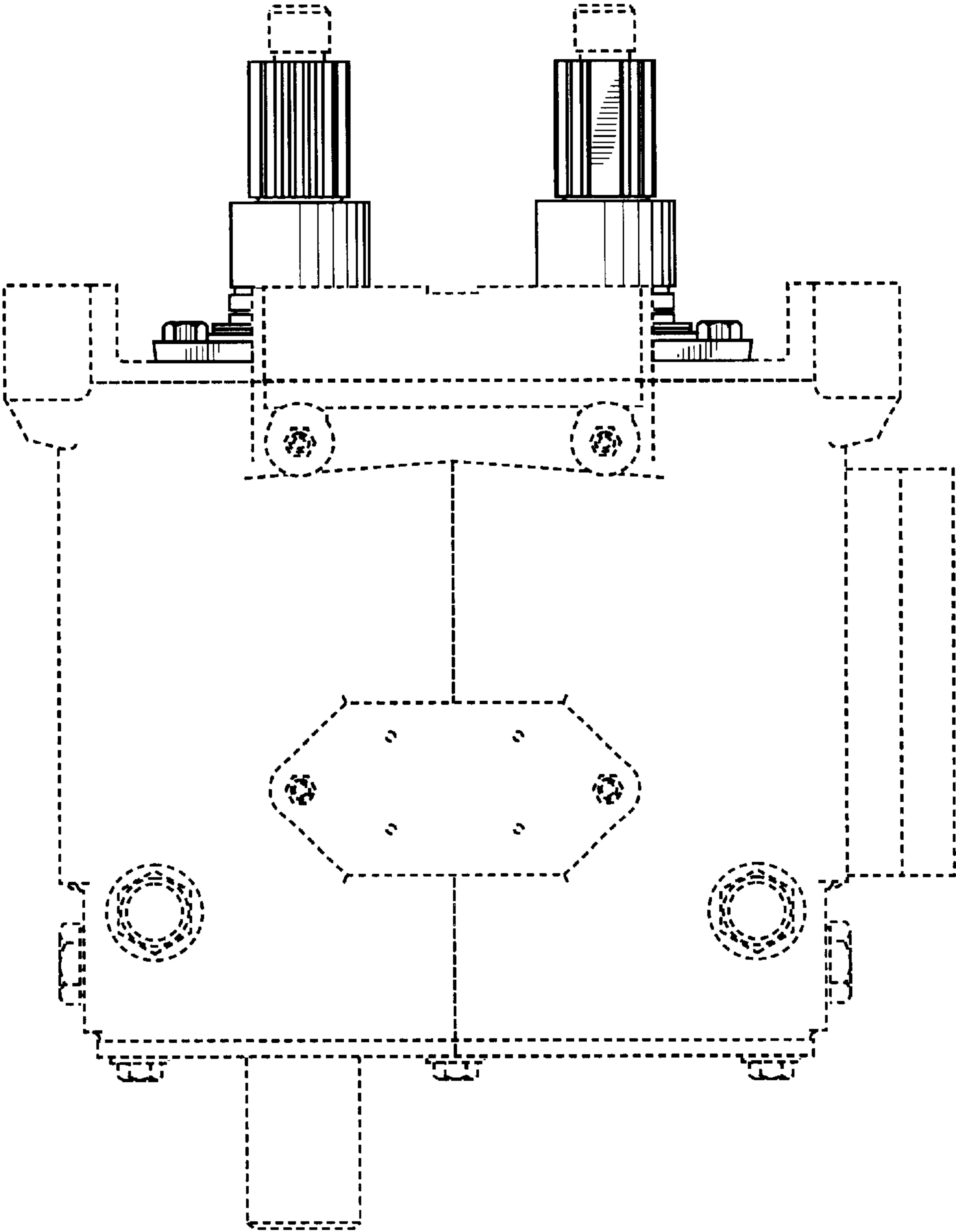


FIG. 5

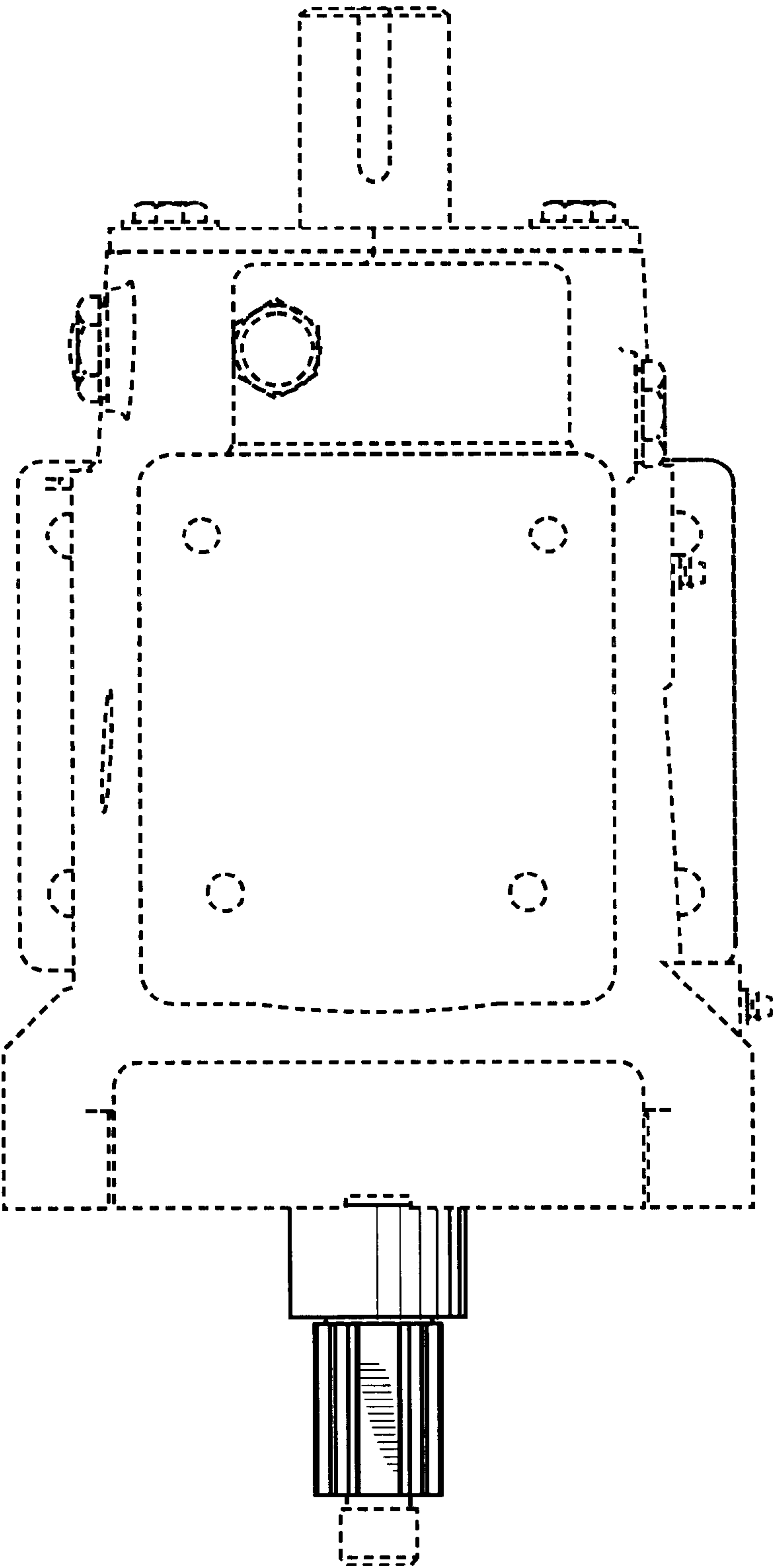


FIG. 6

