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(12) **United States Design Patent**  
**Shen-Levin**

(10) **Patent No.:** **US D943,653 S**

(45) **Date of Patent:** **\*\* Feb. 15, 2022**

- (54) **DOUBLE SCOTCH YOKE ACTUATORS**
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- (72) Inventor: **Chun Shen-Levin**, Broken Arrow, OK (US)
- (73) Assignee: **Adqualve Flow Control Industry Group Limited**, Broken Arrow, OK (US)

D629,872 S *	12/2010	Marinoni	.....	D23/249
D785,686 S *	5/2017	Gong	.....	D15/148
D785,687 S *	5/2017	Gong	.....	D15/148
D810,798 S *	2/2018	Tabuchi	.....	D15/148
D821,472 S *	6/2018	Ishikawa	.....	D15/149
2014/0260953 A1 *	9/2014	Jaccoby	.....	F15B 15/1476 92/132
2014/0292114 A1 *	10/2014	Bell	.....	H01H 47/22 310/23

\* cited by examiner

*Primary Examiner* — Charles D Hanson

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

(21) Appl. No.: **29/721,000**

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(51) **LOC (13) Cl.** ..... **15-09**

(52) **U.S. Cl.**  
USPC ..... **D15/148**

(58) **Field of Classification Search**  
USPC ..... D15/148, 149  
CPC ..... H01H 47/22  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

3,559,536 A *	2/1971	Mason	.....	F15B 15/065 91/409
D494,659 S *	8/2004	Marinoni	.....	D15/143

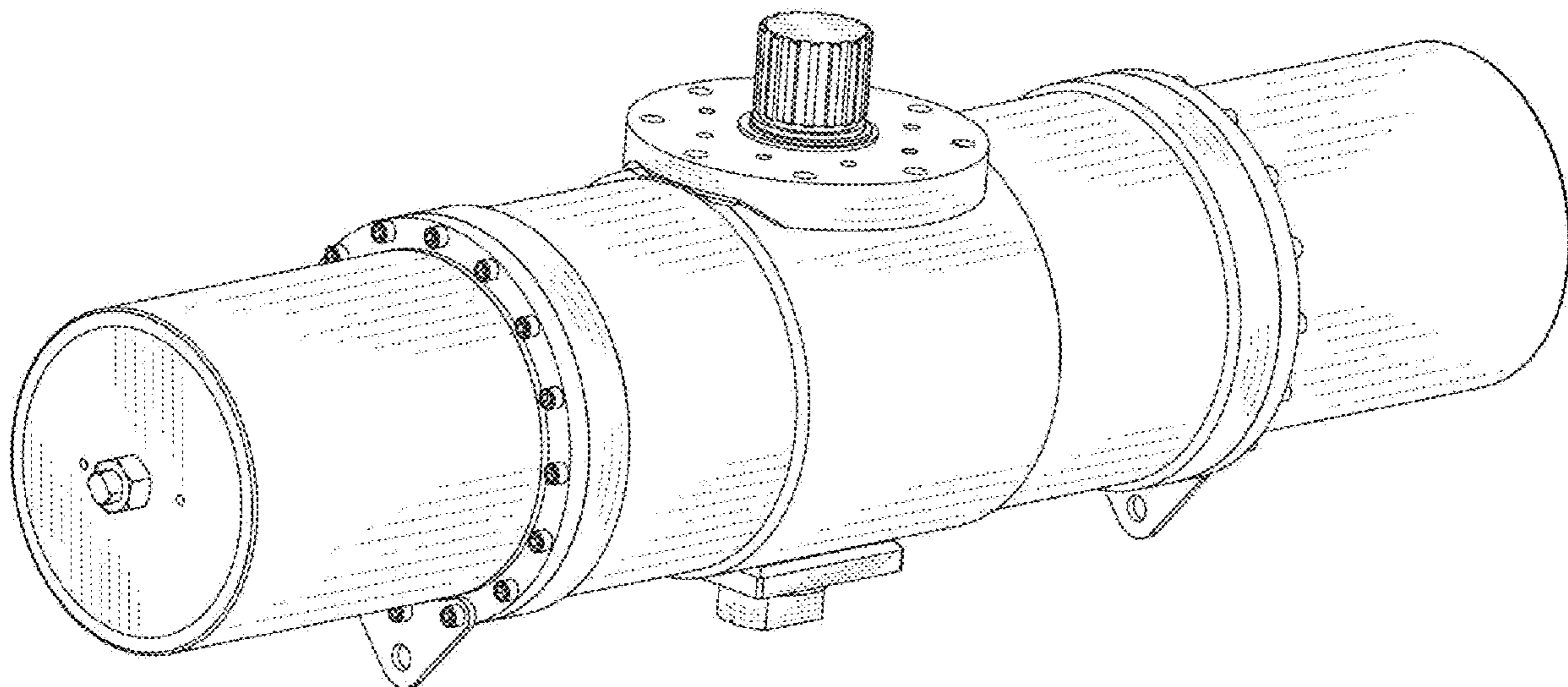
(57) **CLAIM**

The ornamental design for a double scotch yoke actuators, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of a double scotch yoke actuators showing my new design;  
FIG. 2 is another perspective view thereof;  
FIG. 3 is a front elevation view thereof;  
FIG. 4 is a rear elevation view thereof;  
FIG. 5 is a left side elevation view thereof;  
FIG. 6 is a right side elevation view thereof;  
FIG. 7 is a top plan view thereof; and,  
FIG. 8 is a bottom plan view thereof.

**1 Claim, 8 Drawing Sheets**



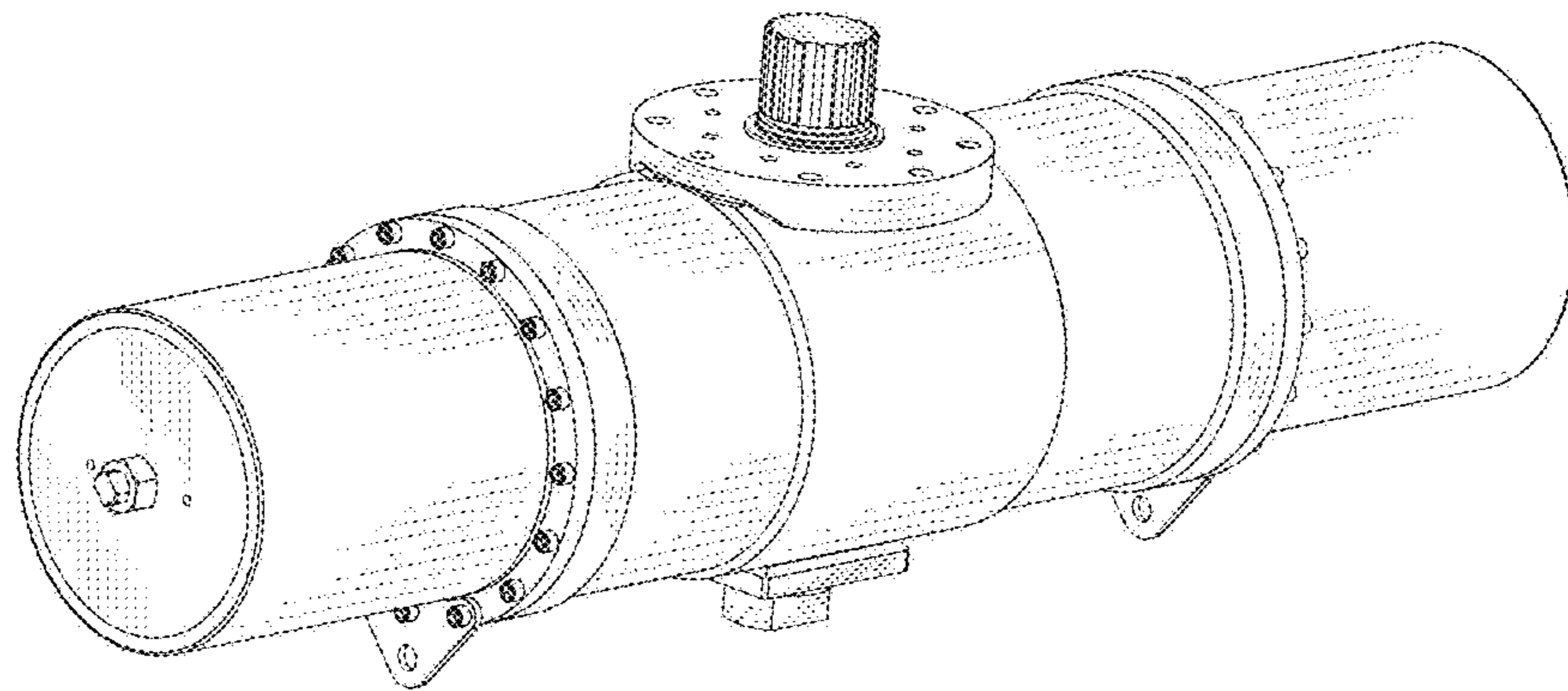


FIG.1

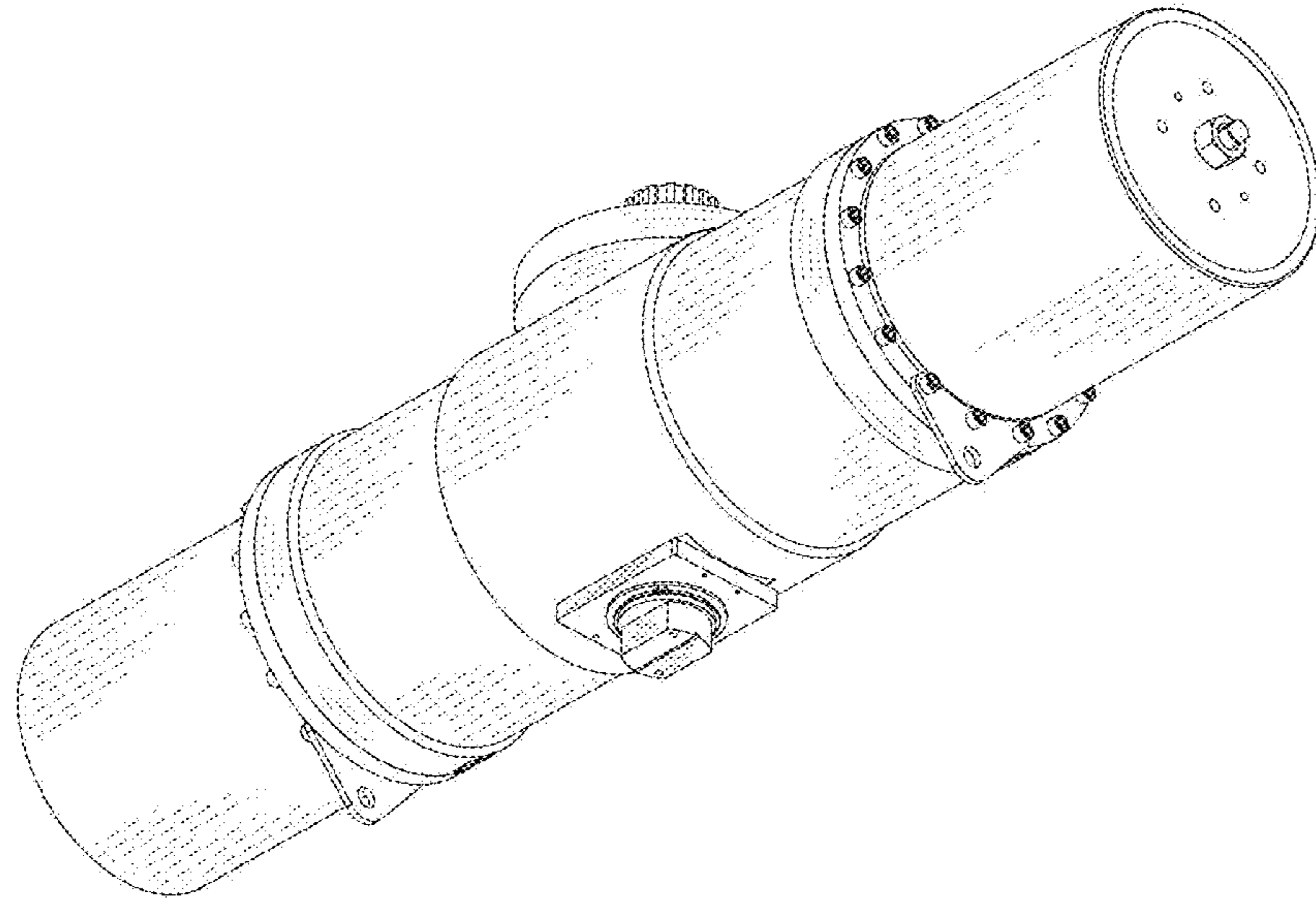


FIG.2

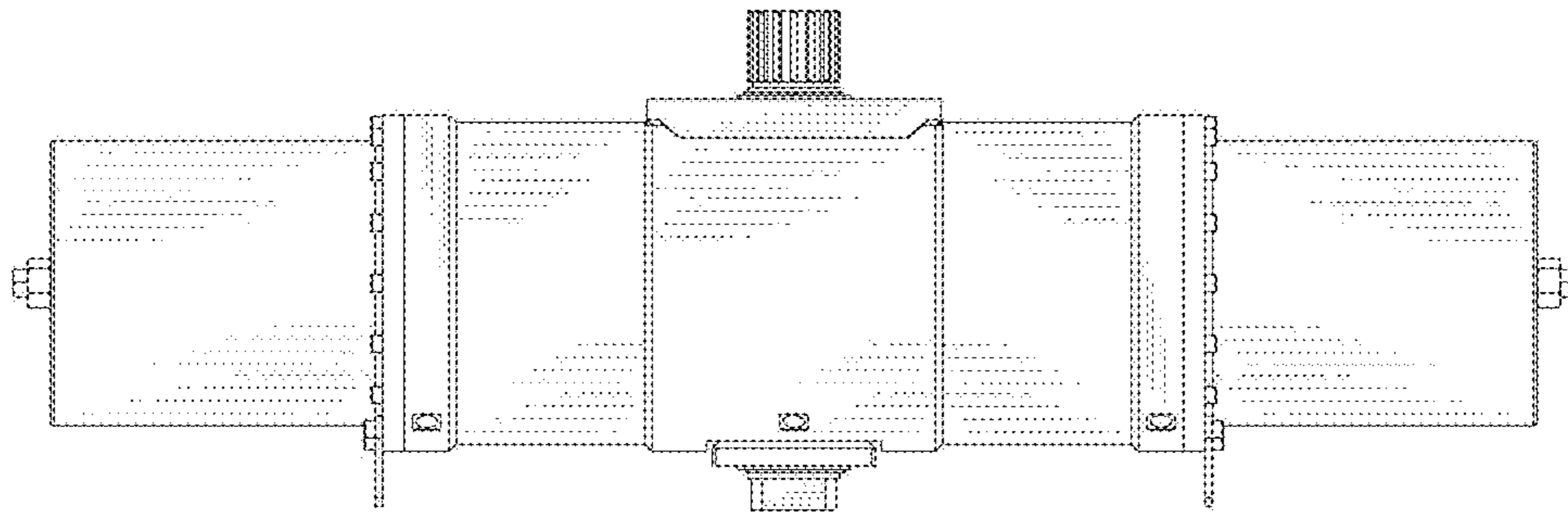


FIG.3

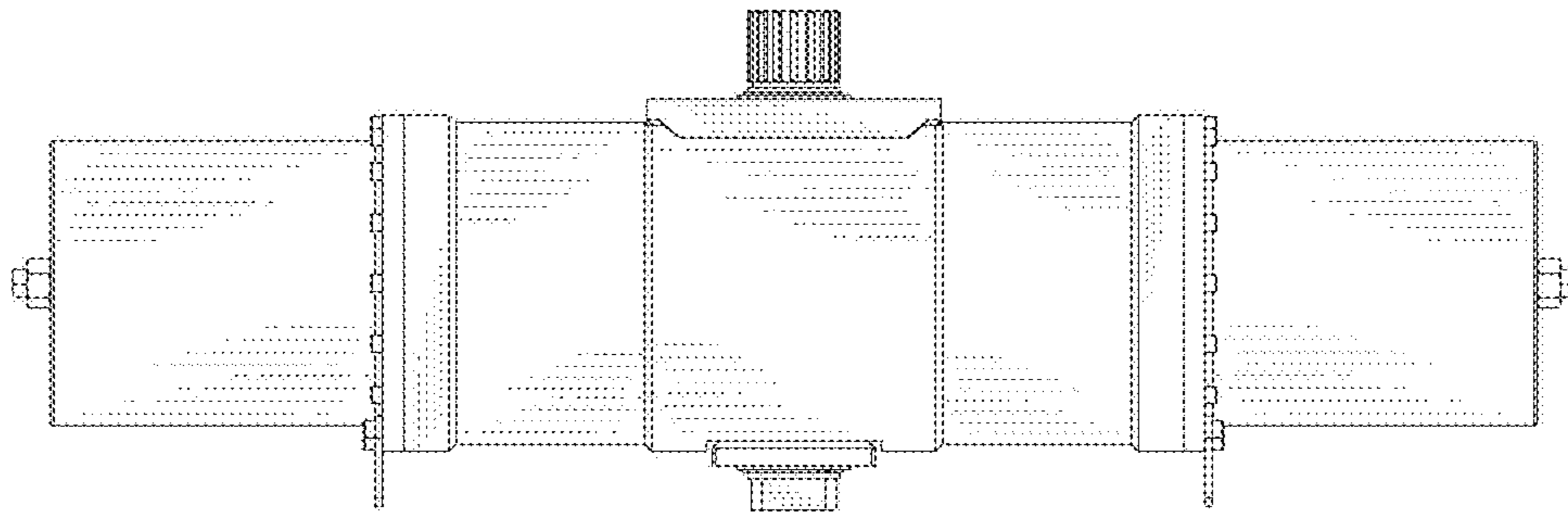


FIG.4

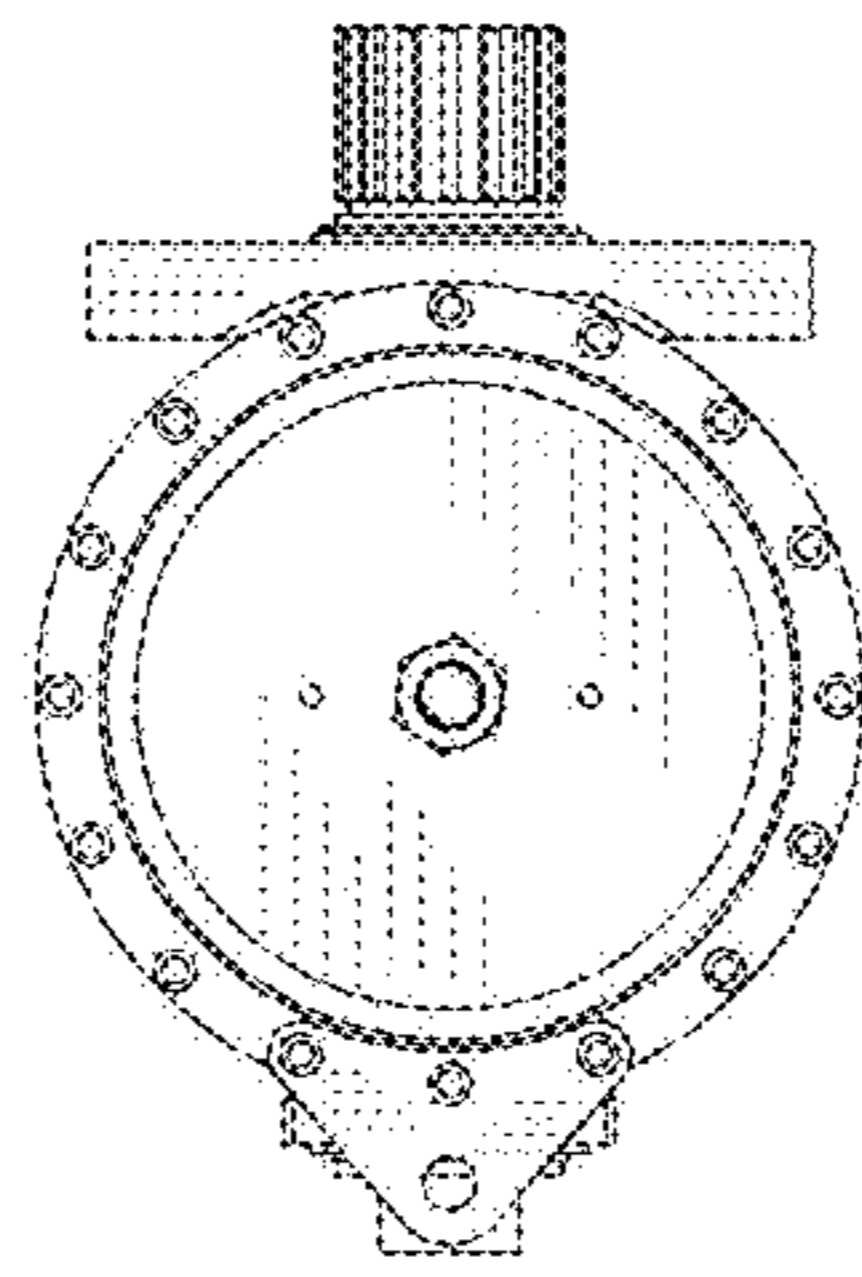


FIG.5

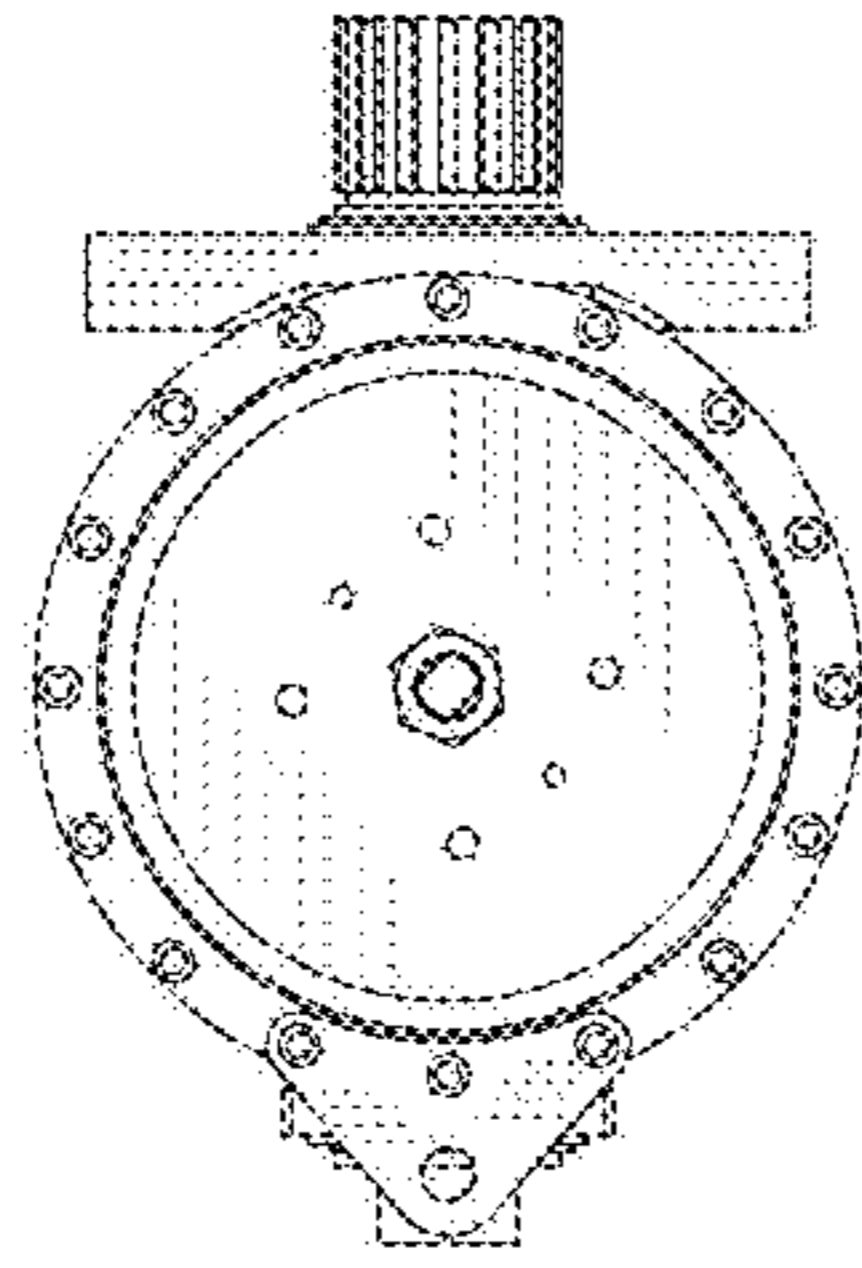


FIG.6

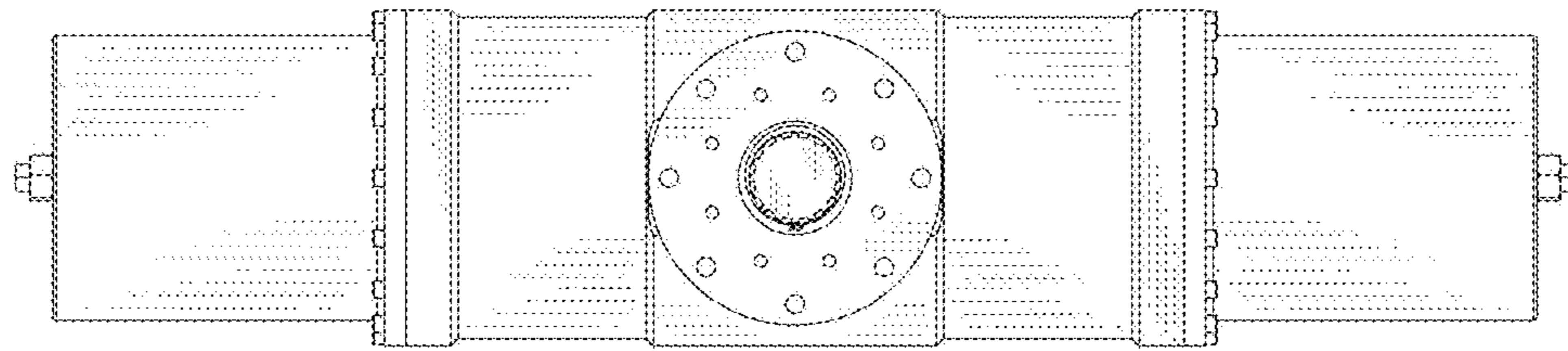


FIG. 7



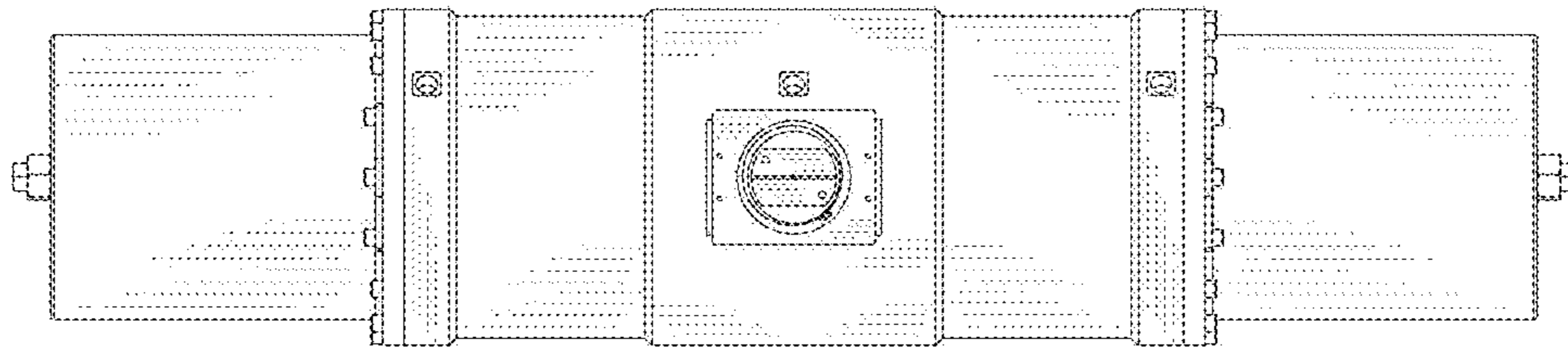


FIG. 8