



US00D884744S

(12) **United States Design Patent** (10) **Patent No.:** **US D884,744 S**  
**Jensen et al.** (45) **Date of Patent:** **\*\* May 19, 2020**

(54) **PUMP**(71) Applicant: **Grundfos Holding a/s**, Bjerringbro  
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**Steen Mikkelsen**, Bjerringbro (DK)(73) Assignee: **GRUNDFOS HOLDING A/S**,  
Bjerringbro (DK)(\*\*) Term: **15 Years**(21) Appl. No.: **29/603,371**(22) Filed: **May 9, 2017**(30) **Foreign Application Priority Data**

Nov. 10, 2016 (EM) ..... 003456946  
(51) LOC (12) Cl. ..... **15-03**  
(52) U.S. Cl.  
USPC ..... **D15/7**  
(58) Field of Classification Search  
USPC ..... D15/7-9; D23/225, 231, 232  
(Continued)

(56) **References Cited**

## U.S. PATENT DOCUMENTS

D284,380 S \* 6/1986 Berg ..... D15/7  
D471,561 S \* 3/2003 Kohsaka ..... D15/7  
(Continued)

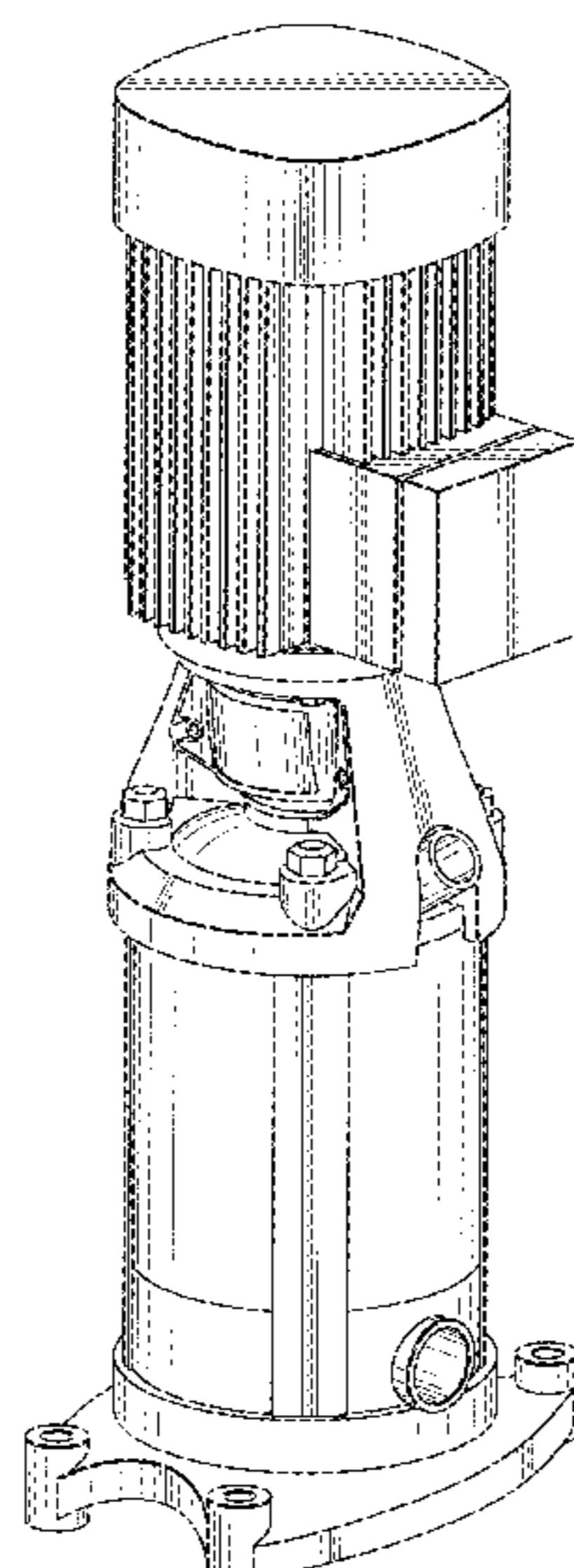
*Primary Examiner* — Khawaja Anwar(74) *Attorney, Agent, or Firm* — McGlew and Tuttle, P.C.(57) **CLAIM**

The ornamental design for a pump, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of the first embodiment of my design;

FIG. 2 is a front view of the design of FIG. 1;  
FIG. 3 is a rear view of the design of FIG. 1;  
FIG. 4 is a left side view of the design of FIG. 1;  
FIG. 5 is a right side view of the design of FIG. 1;  
FIG. 6 is a top view of the design of FIG. 1;  
FIG. 7 is a bottom view of the design of FIG. 1;  
FIG. 8 is a perspective view of the second embodiment of my design;  
FIG. 9 is a front view of the design of FIG. 8;  
FIG. 10 is a rear view of the design of FIG. 8;  
FIG. 11 is a left side view of the design of FIG. 8;  
FIG. 12 is a right side view of the design of FIG. 8;  
FIG. 13 is a top view of the design of FIG. 8;  
FIG. 14 is a bottom view of the design of FIG. 8;  
FIG. 15 is a perspective view of the third embodiment of my design;  
FIG. 16 is a front view of the design of FIG. 15;  
FIG. 17 is a rear view of the design of FIG. 15;  
FIG. 18 is a left side view of the design of FIG. 15;  
FIG. 19 is a right side view of the design of FIG. 15;  
FIG. 20 is a top view of the design of FIG. 15;  
FIG. 21 is a bottom view of the design of FIG. 15;  
FIG. 22 is a perspective view of the fourth embodiment of my design;  
FIG. 23 is a front view of the design of FIG. 22;  
FIG. 24 is a rear view of the design of FIG. 22;  
FIG. 25 is a left side view of the design of FIG. 22;  
FIG. 26 is a right side view of the design of FIG. 22;  
FIG. 27 is a top view of the design of FIG. 22;  
FIG. 28 is a bottom view of the design of FIG. 22;  
FIG. 29 is a perspective view of the fifth embodiment of my design;  
FIG. 30 is a front view of the design of FIG. 29;  
FIG. 31 is a rear view of the design of FIG. 29;  
FIG. 32 is a left side view of the design of FIG. 29;  
FIG. 33 is a right side view of the design of FIG. 29;  
FIG. 34 is a top view of the design of FIG. 29; and,  
FIG. 35 is a bottom view of the design of FIG. 29.

**1 Claim, 30 Drawing Sheets**

(58) **Field of Classification Search**

CPC ..... F02M 37/04; F02M 37/14; F04B 53/92;  
F04B 1/005; F04D 13/06; F04D 29/22;  
F04D 29/046; F04D 29/2266

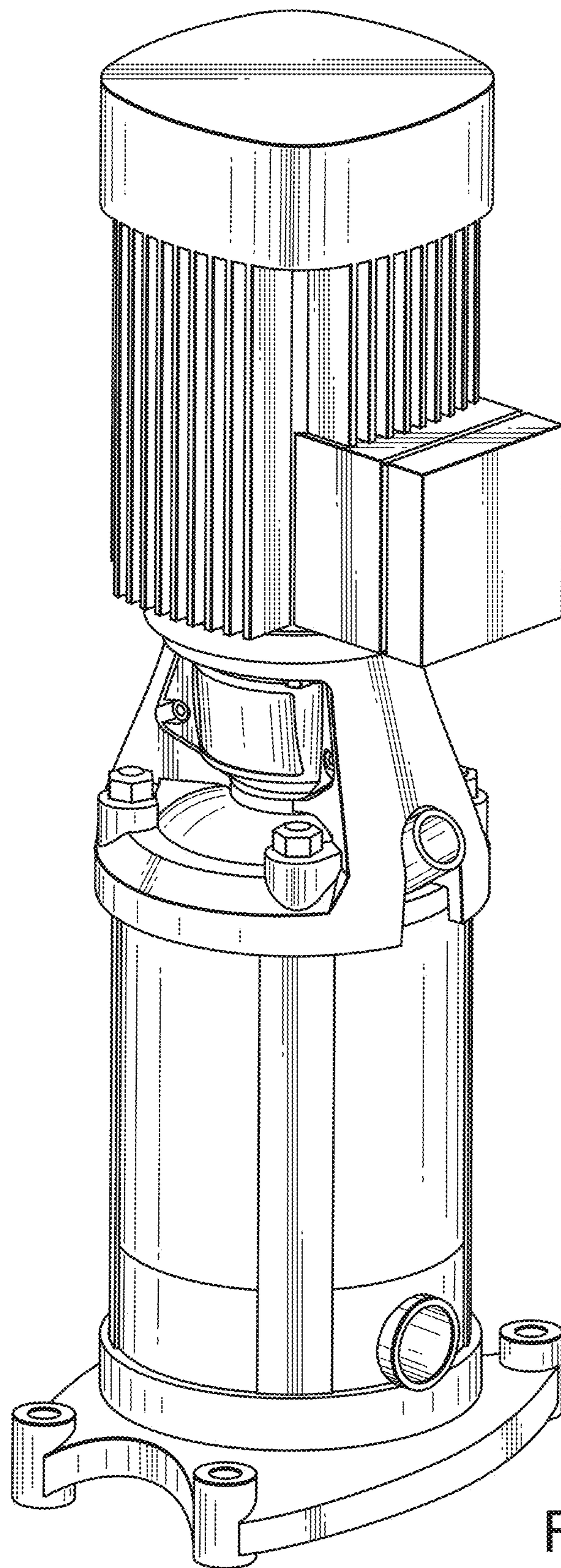
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D558,232	S	*	12/2007	Wang .....	D15/7
D609,595	S	*	2/2010	Soderstrom .....	D15/7
D647,537	S	*	10/2011	Mehnert .....	D15/7
D649,561	S	*	11/2011	Bauck .....	D15/7
D652,844	S	*	1/2012	Hanitsch .....	D15/7
D667,845	S	*	9/2012	Moysi .....	D15/7
D668,684	S	*	10/2012	Noguchi .....	D15/9
D677,282	S	*	3/2013	Soja .....	D15/7
D696,695	S	*	12/2013	Sofussen .....	D15/7
D696,696	S	*	12/2013	Sofussen .....	D15/7
D742,928	S	*	11/2015	West .....	D15/7
D771,148	S	*	11/2016	Soja .....	D15/7
D797,154	S	*	9/2017	Fujiwara .....	D15/7
D803,891	S	*	11/2017	Timmer .....	D15/7
D839,314	S	*	1/2019	Lee .....	D15/7

\* cited by examiner



**FIG. 1**

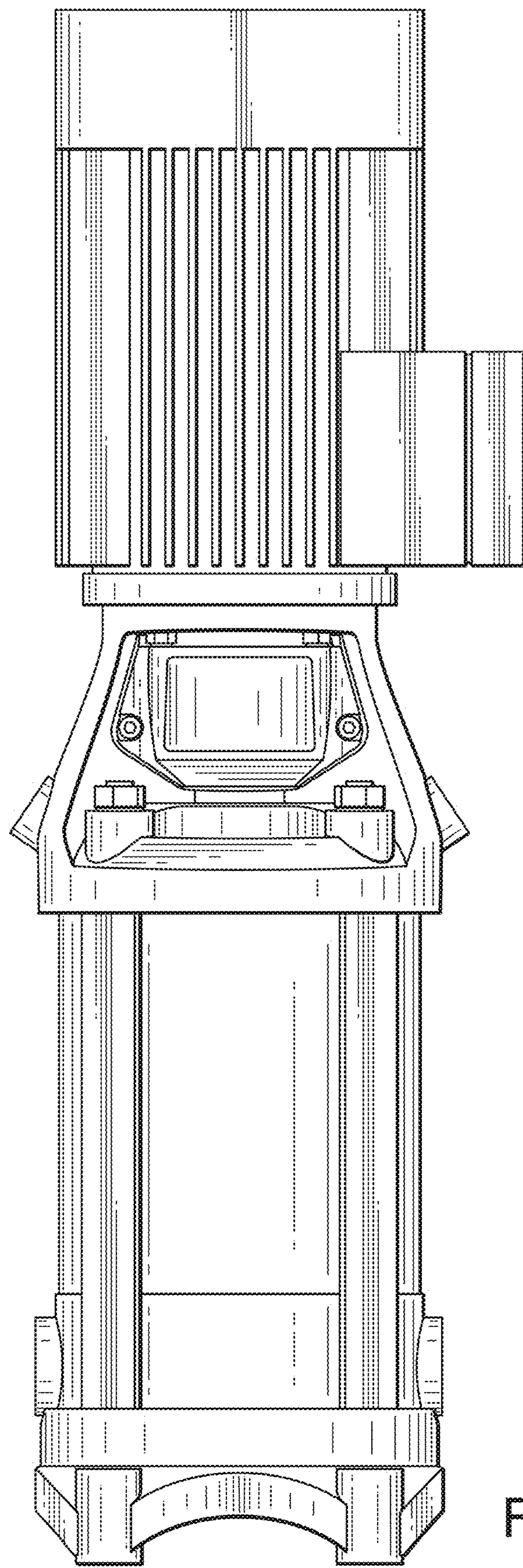


FIG. 2

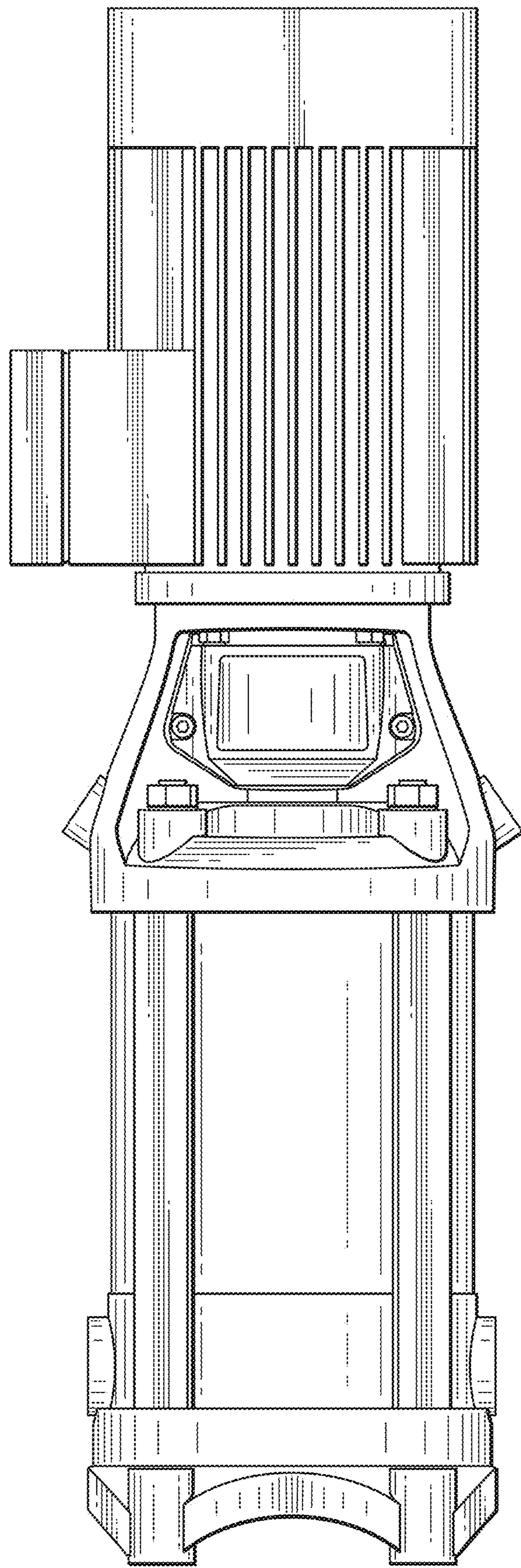


FIG. 3

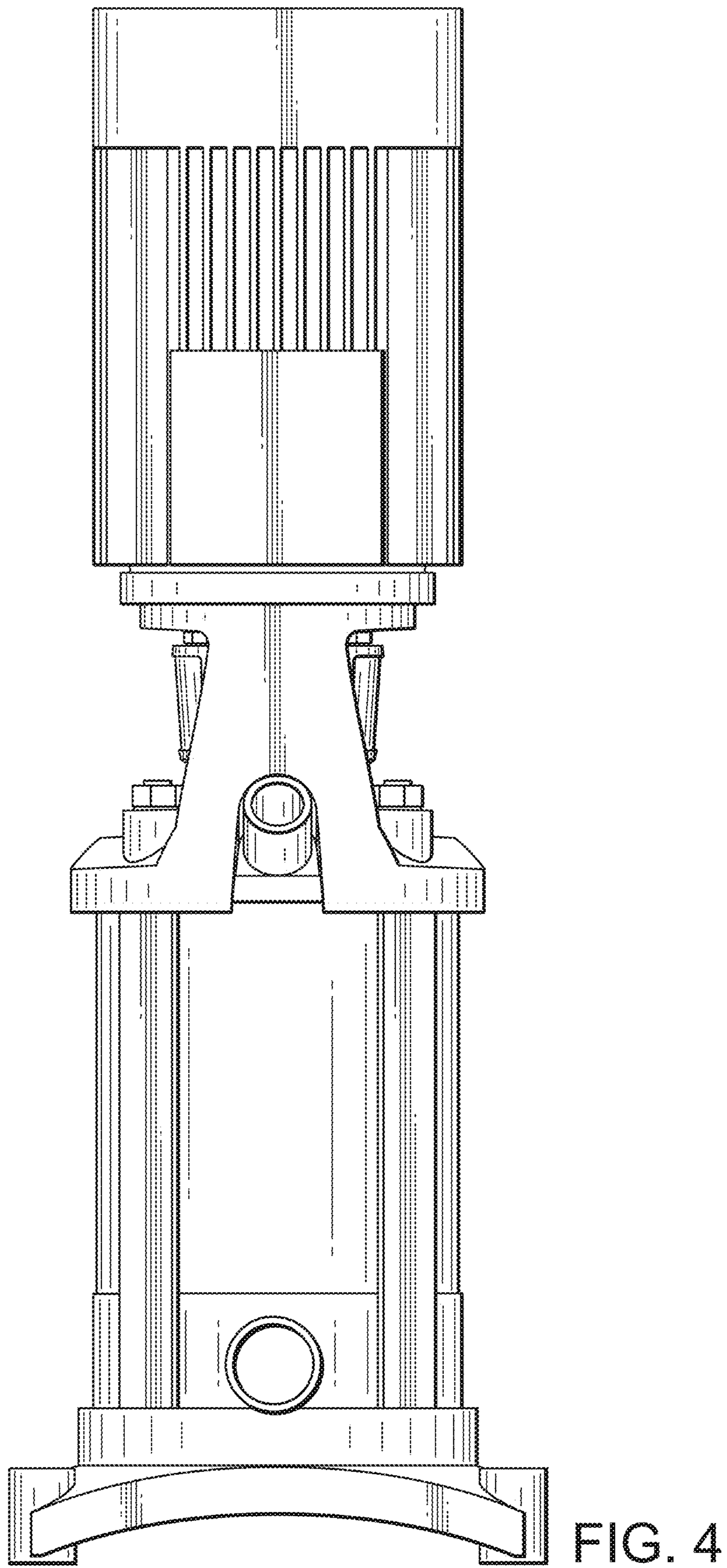


FIG. 4

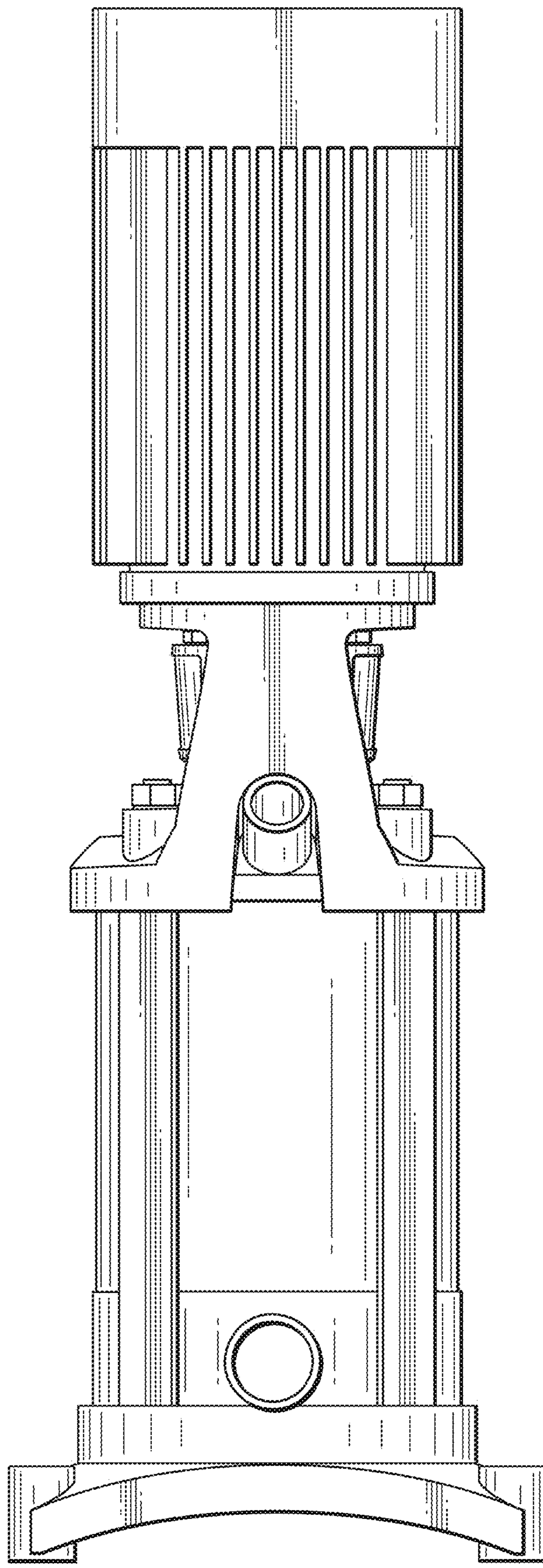


FIG. 5

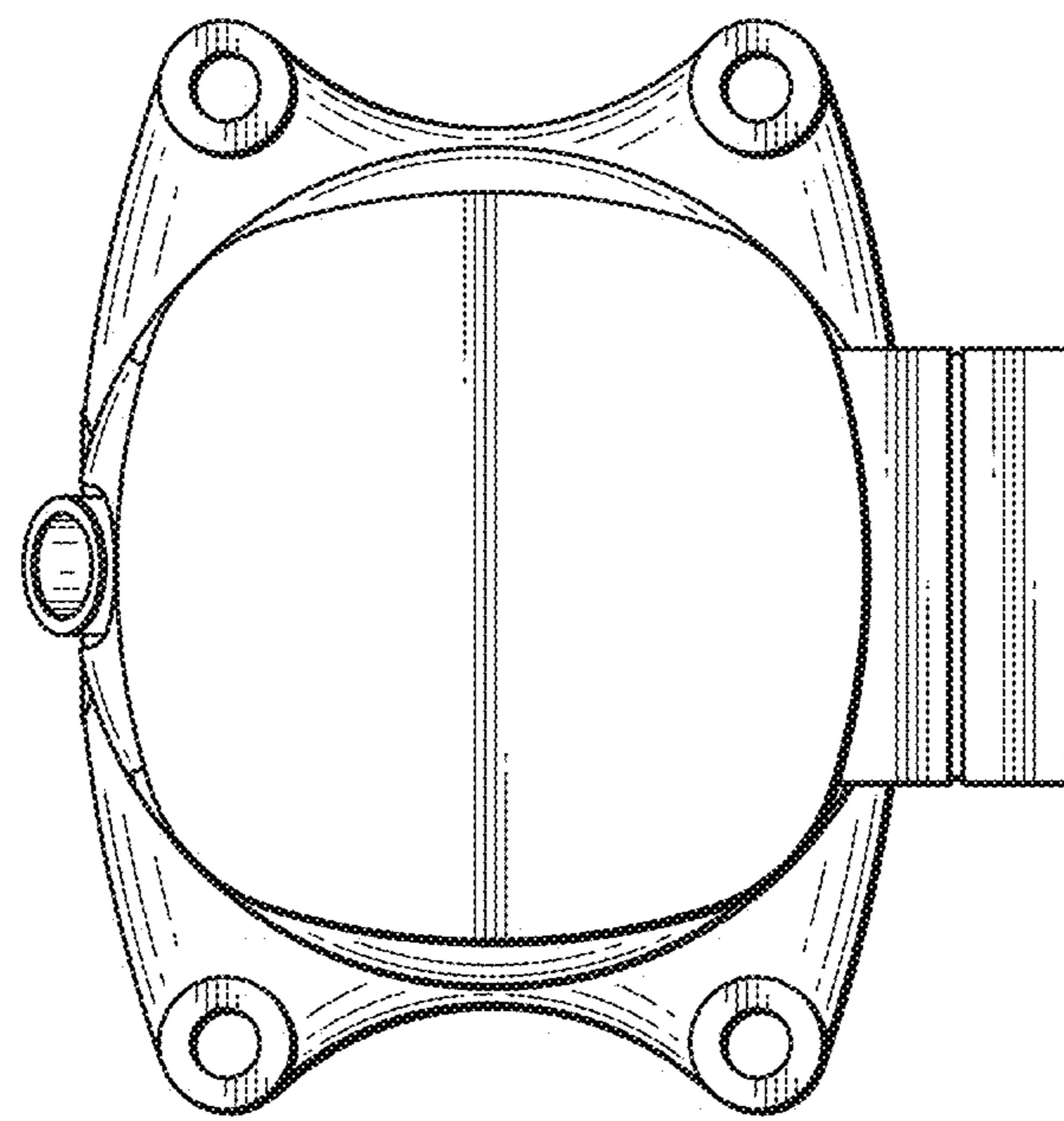


FIG. 6

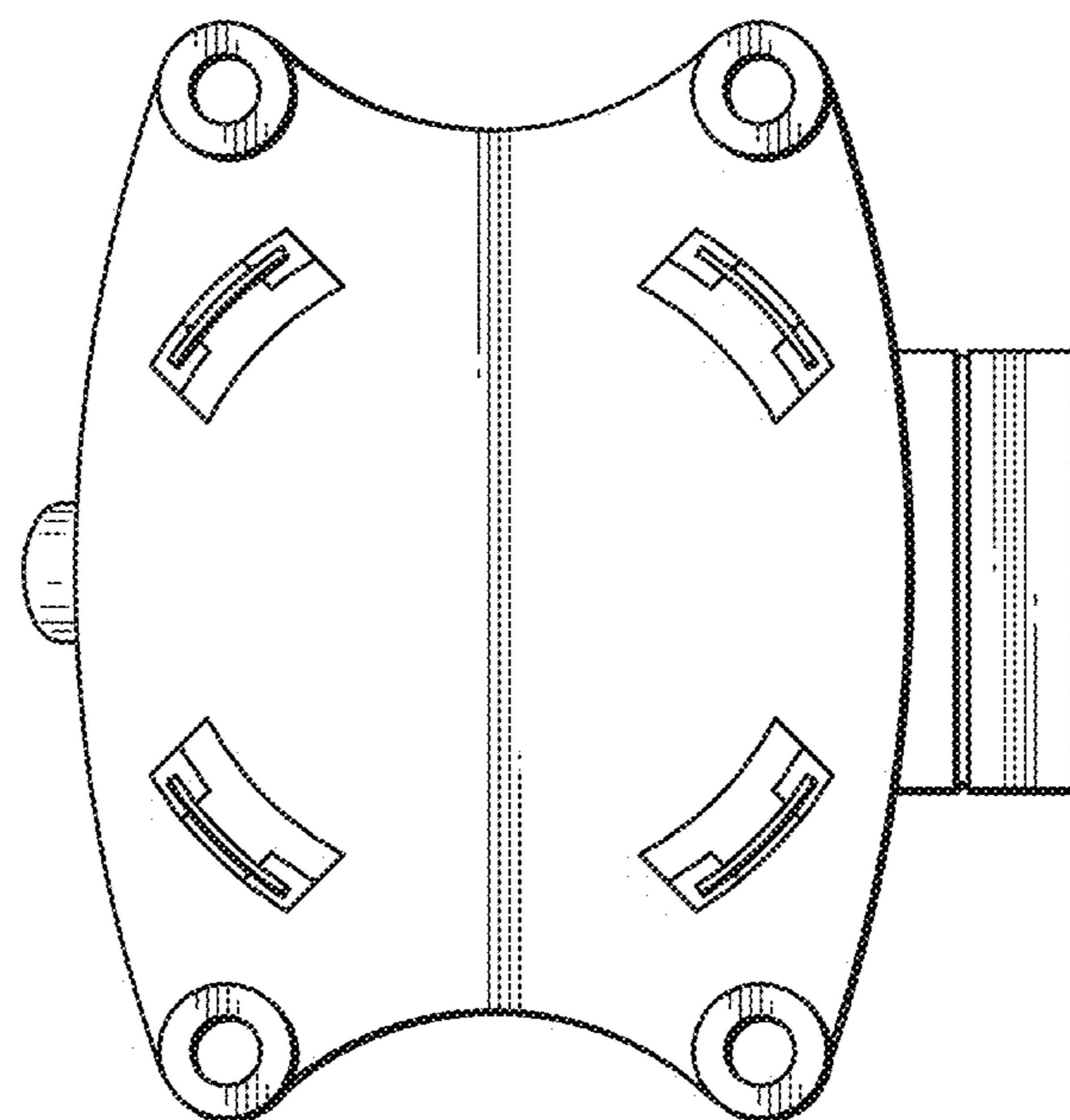
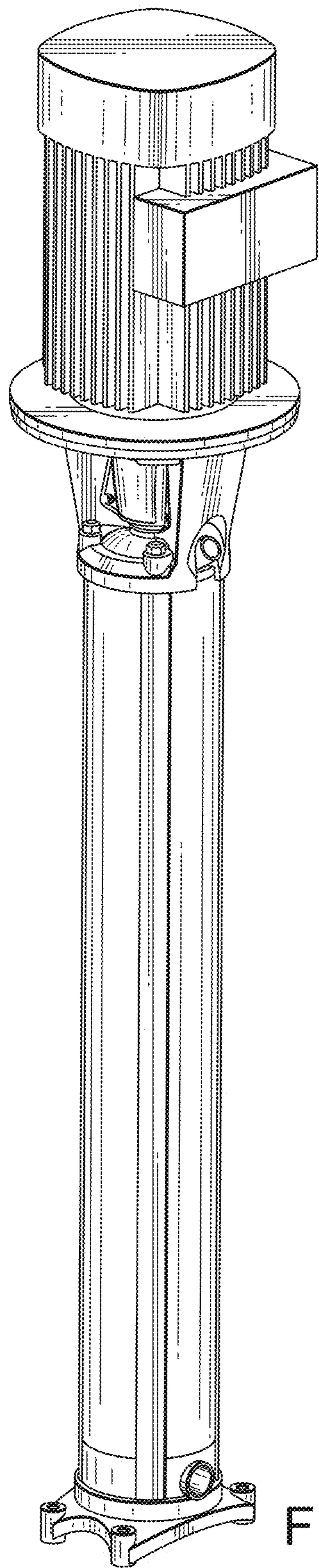
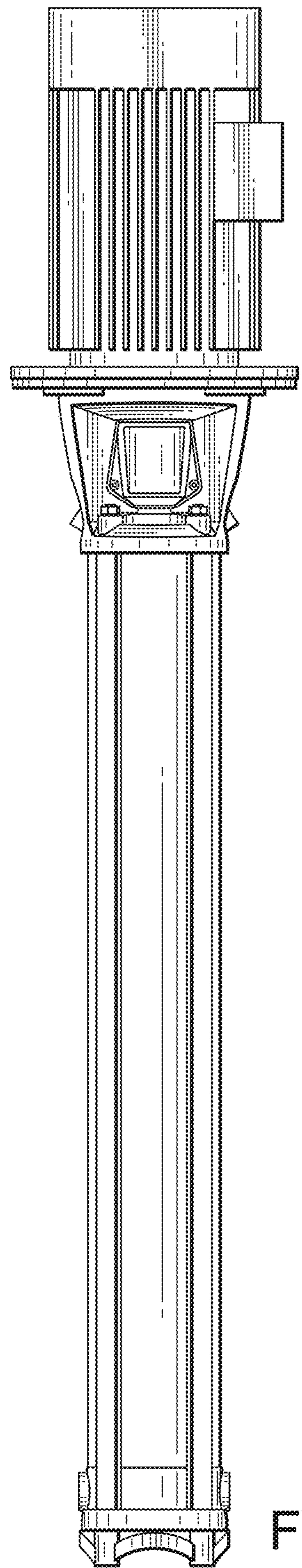


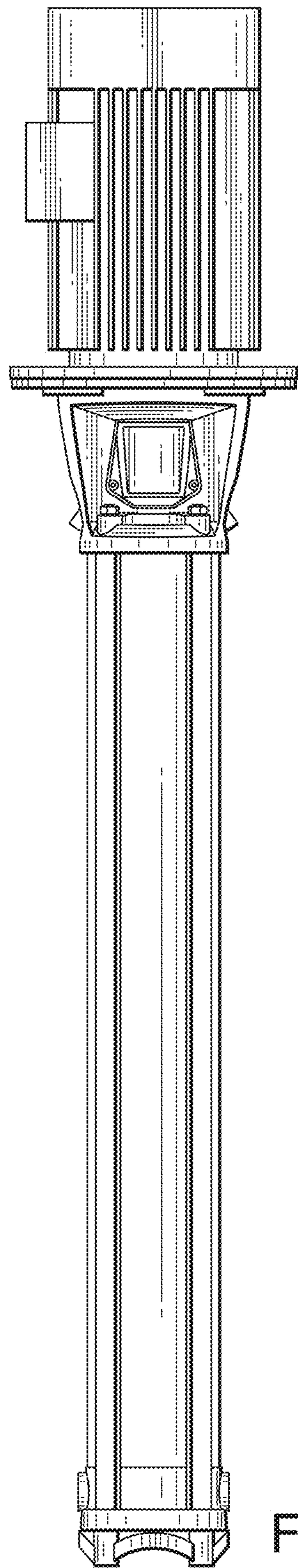
FIG. 7



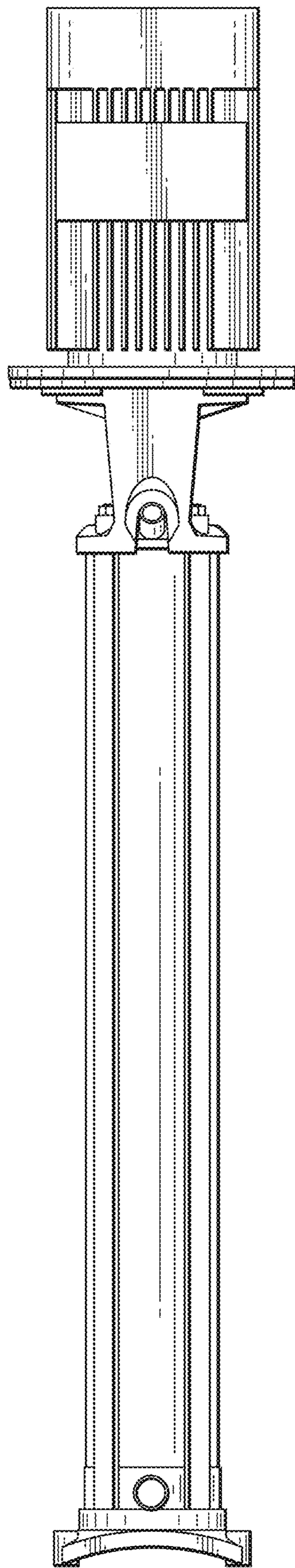
**FIG. 8**



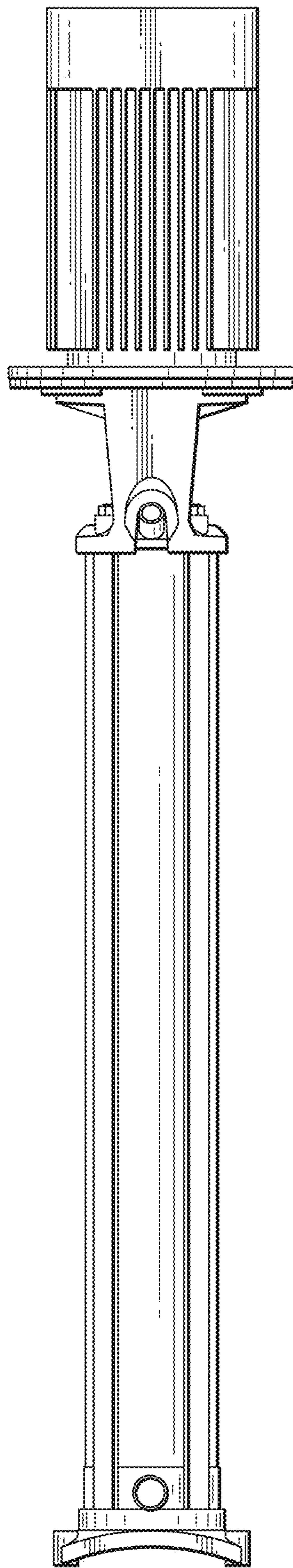
**FIG. 9**



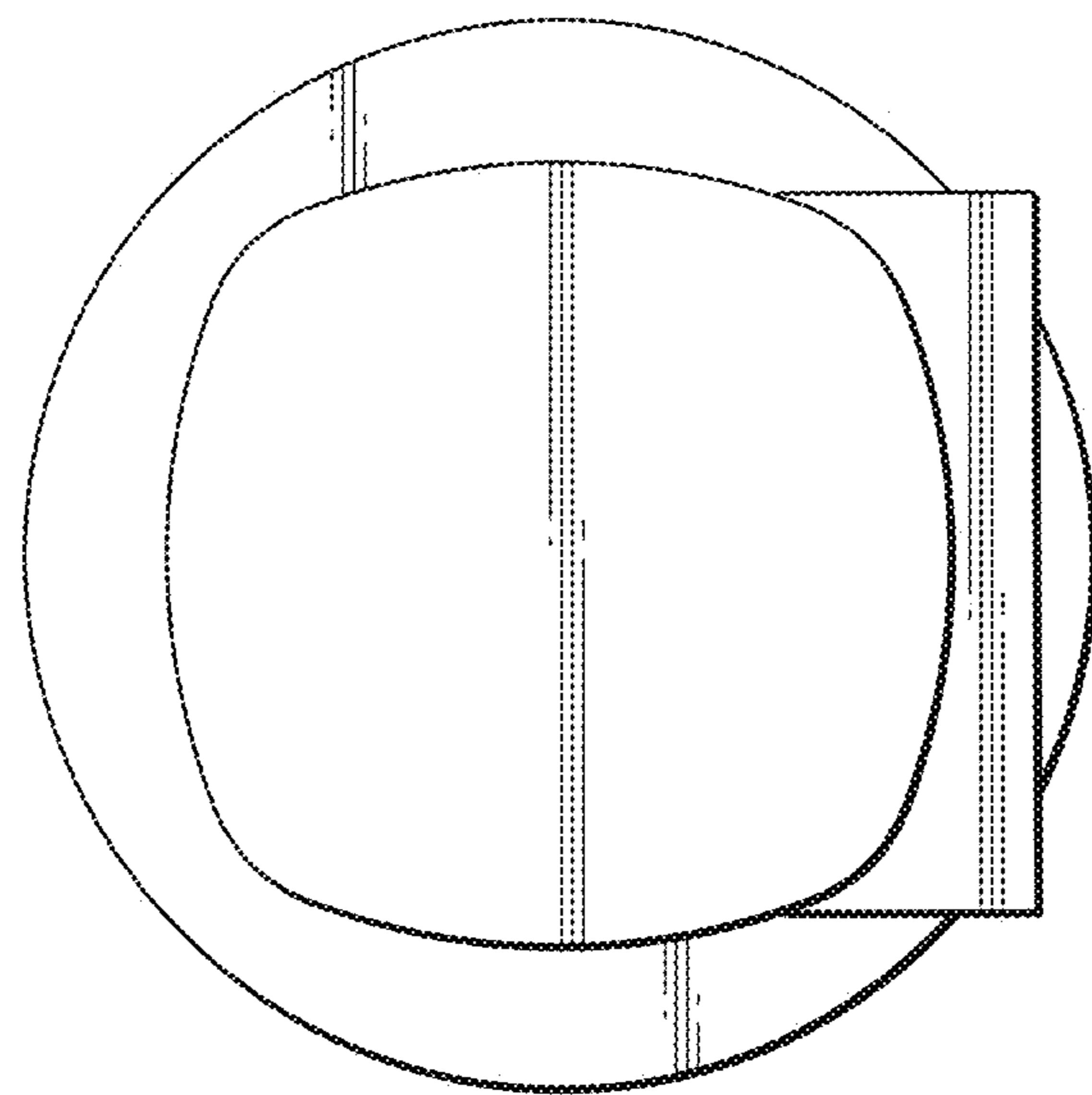
**FIG. 10**



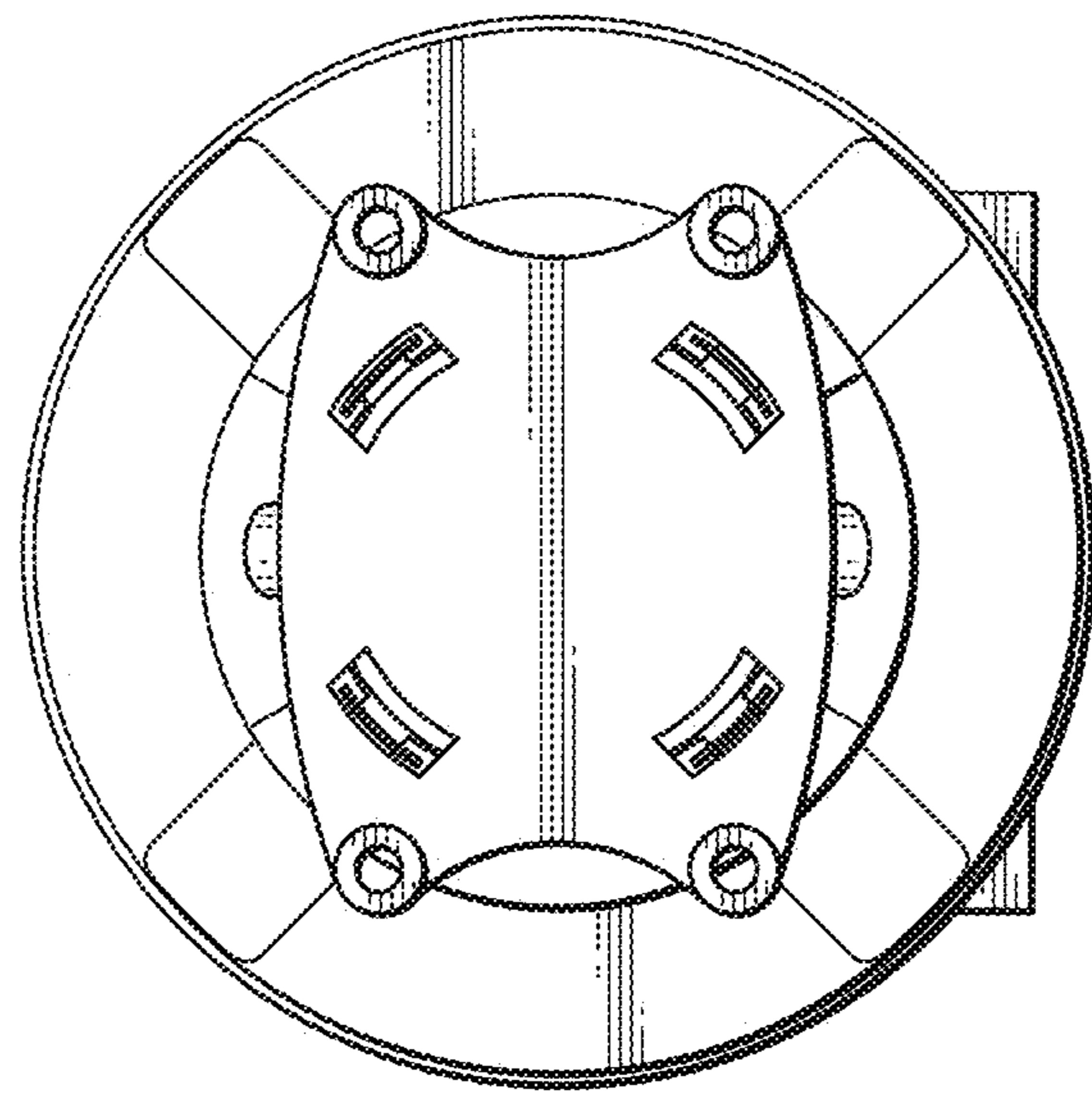
**FIG. 11**



**FIG. 12**



**FIG. 13**



**FIG. 14**

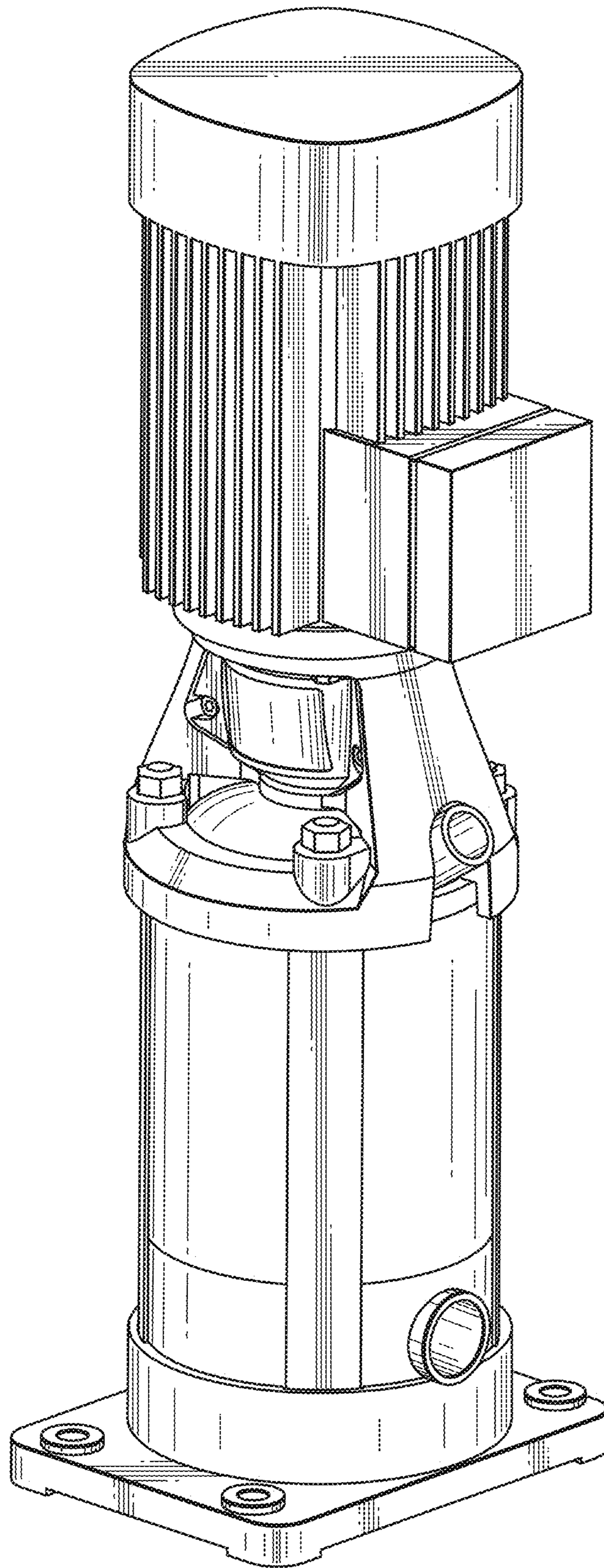


FIG. 15

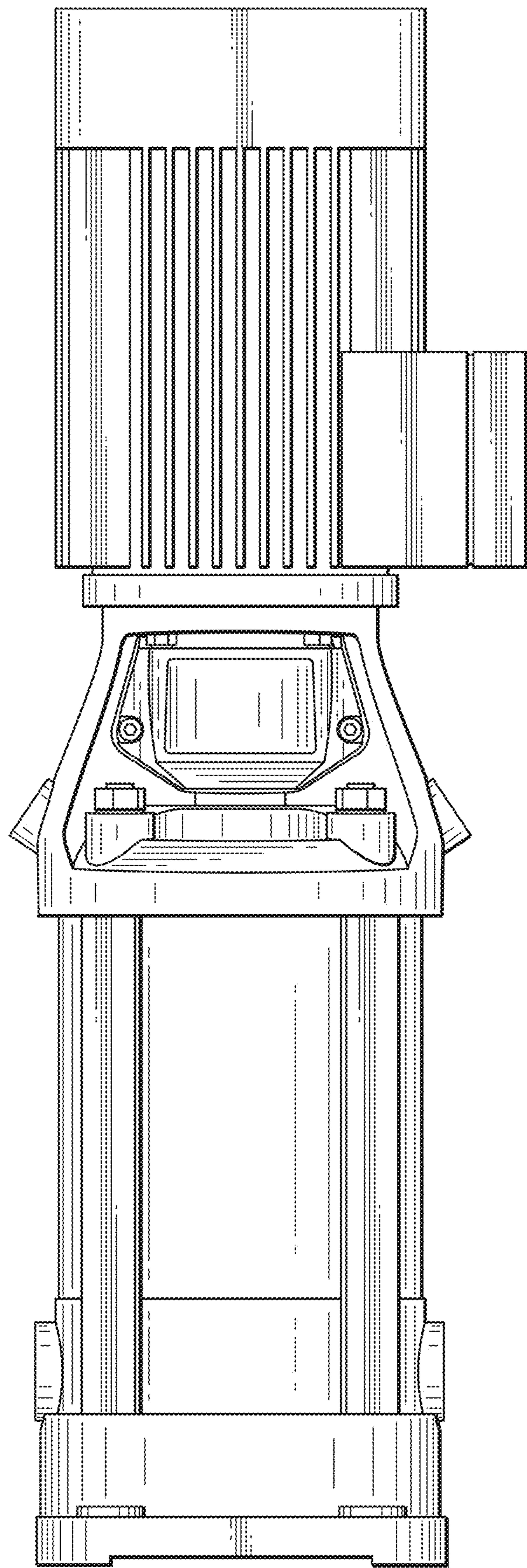


FIG. 16

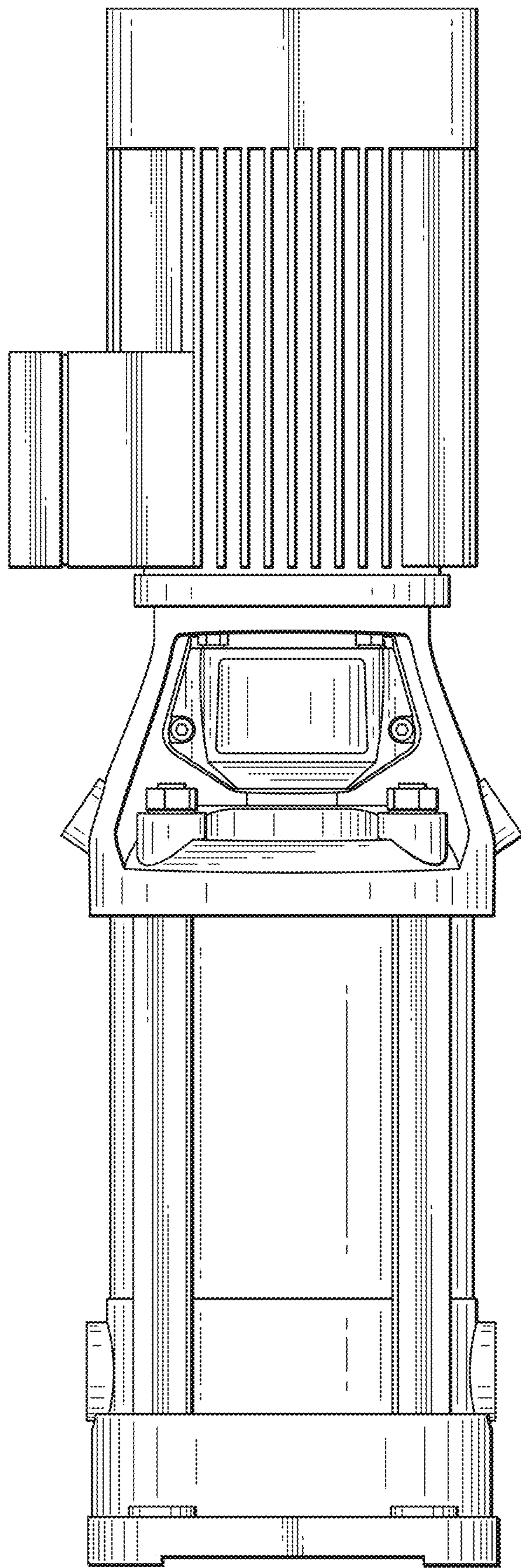


FIG. 17

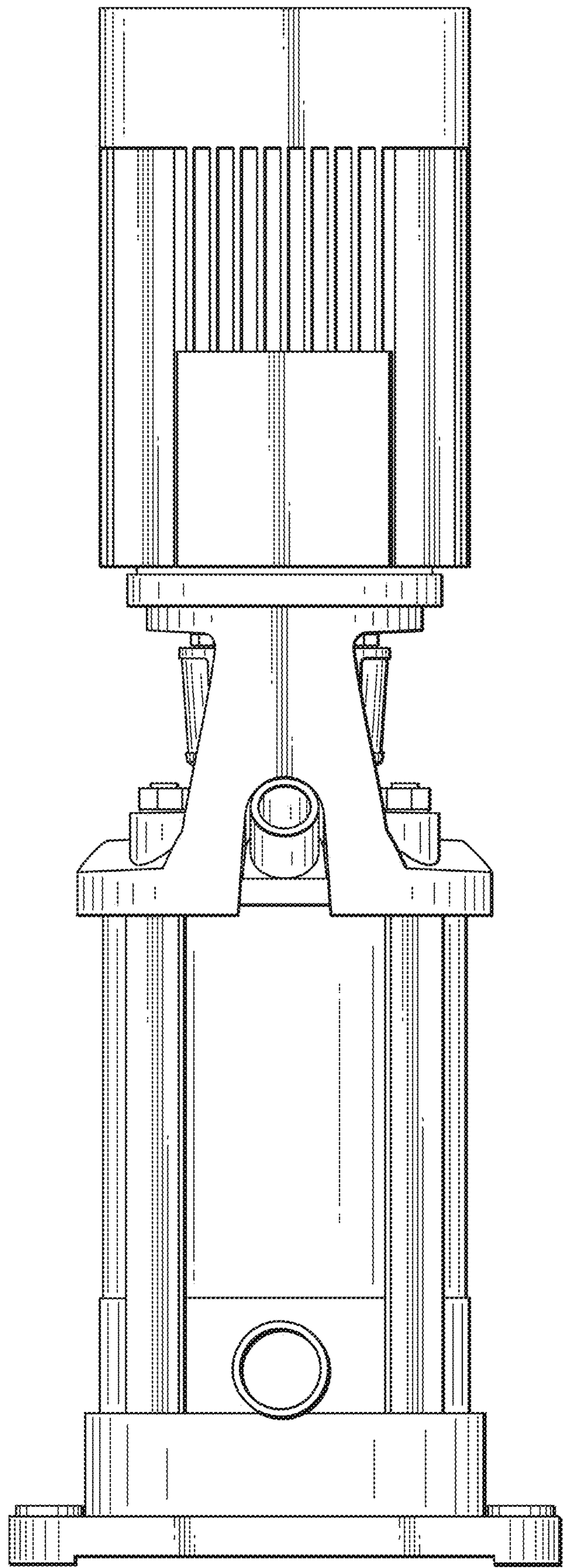


FIG. 18

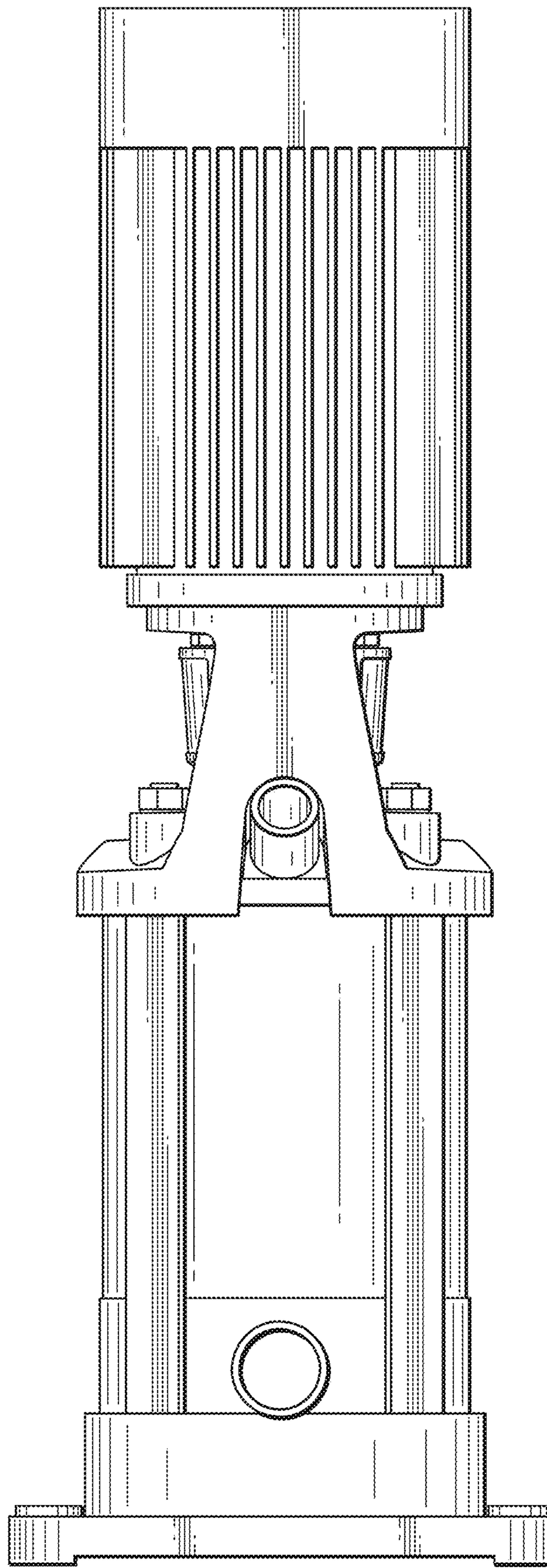


FIG. 19

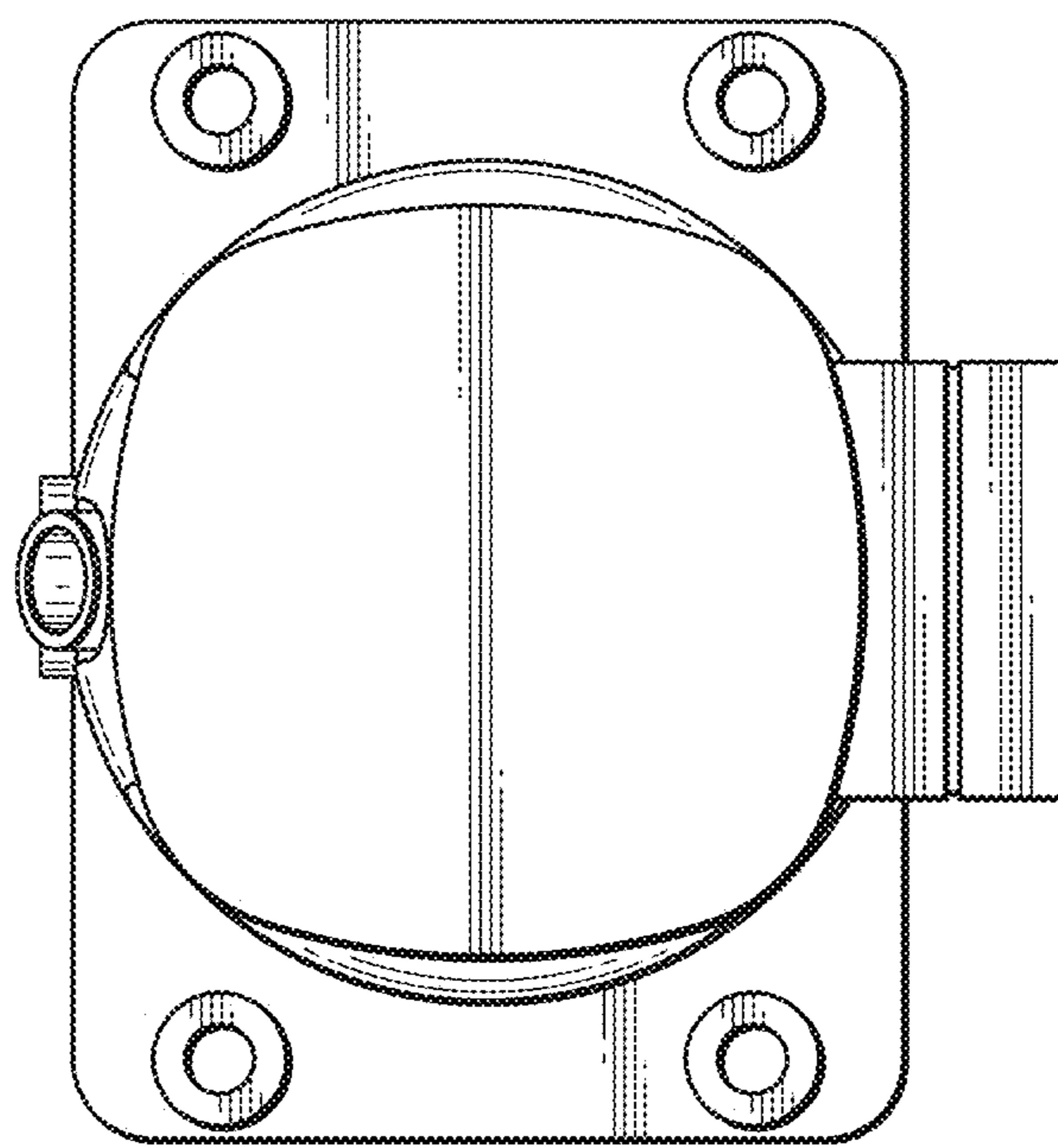


FIG. 20

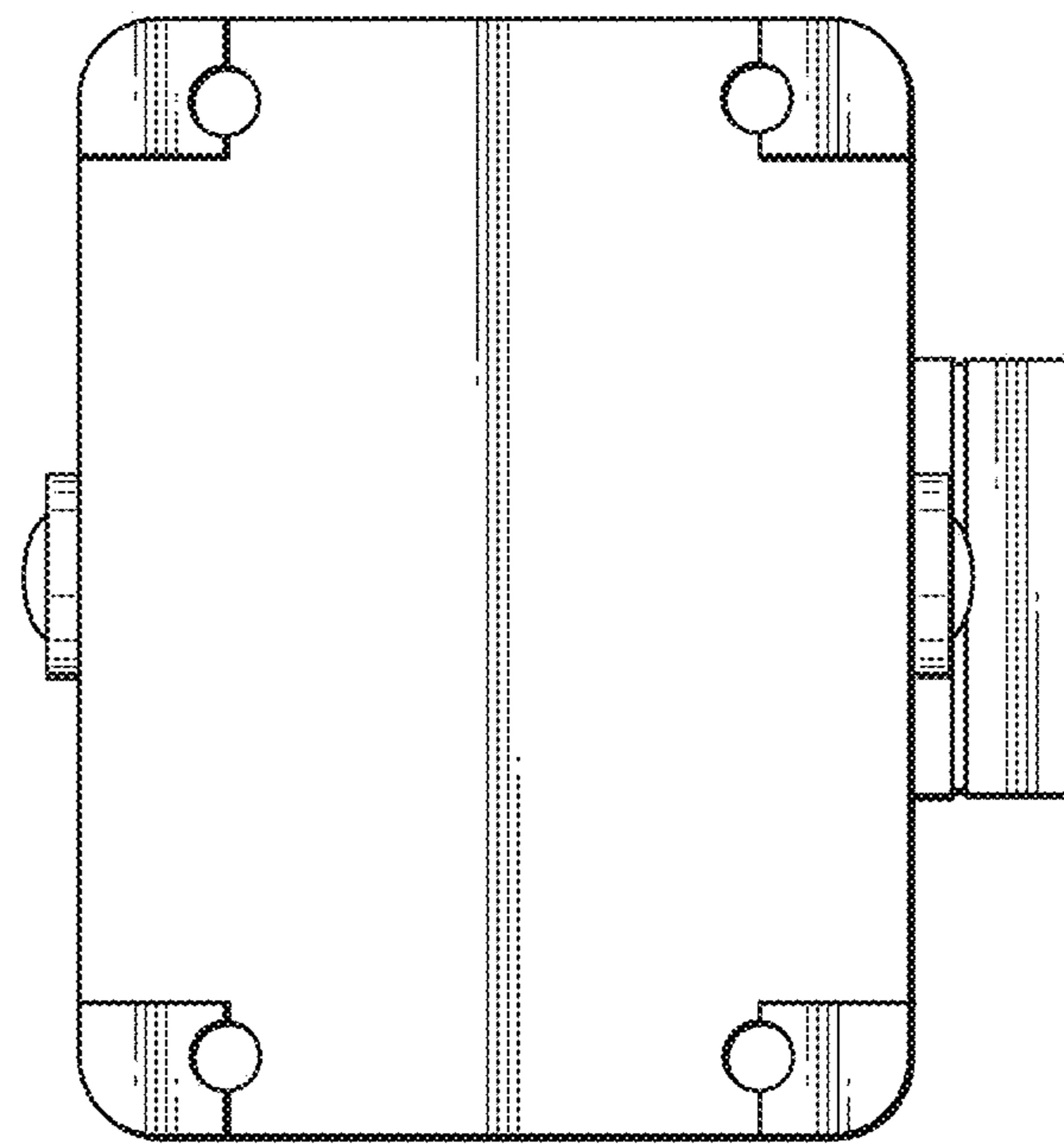
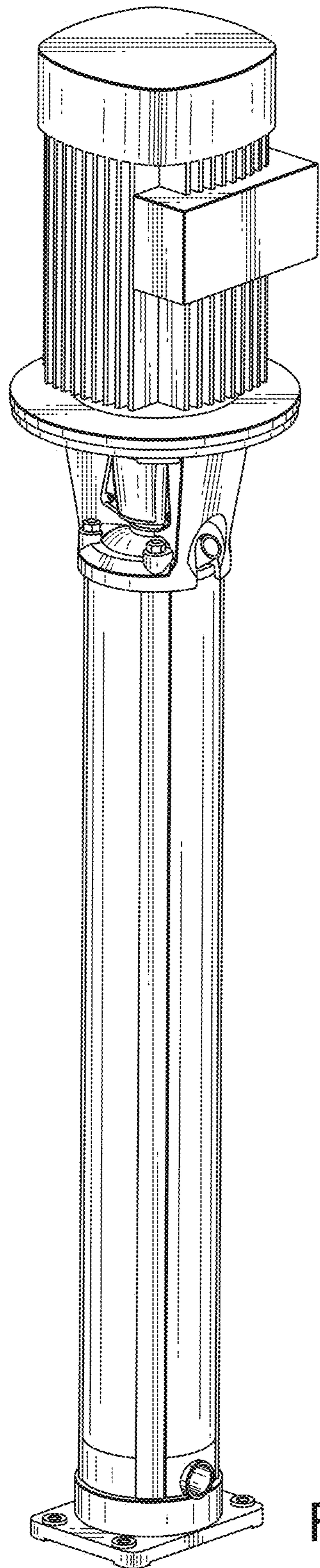
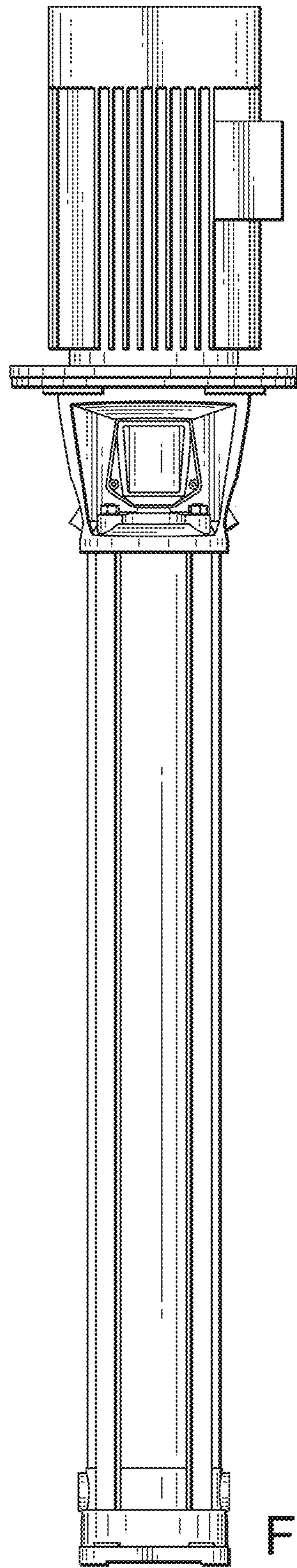


FIG. 21



**FIG. 22**



**FIG. 23**

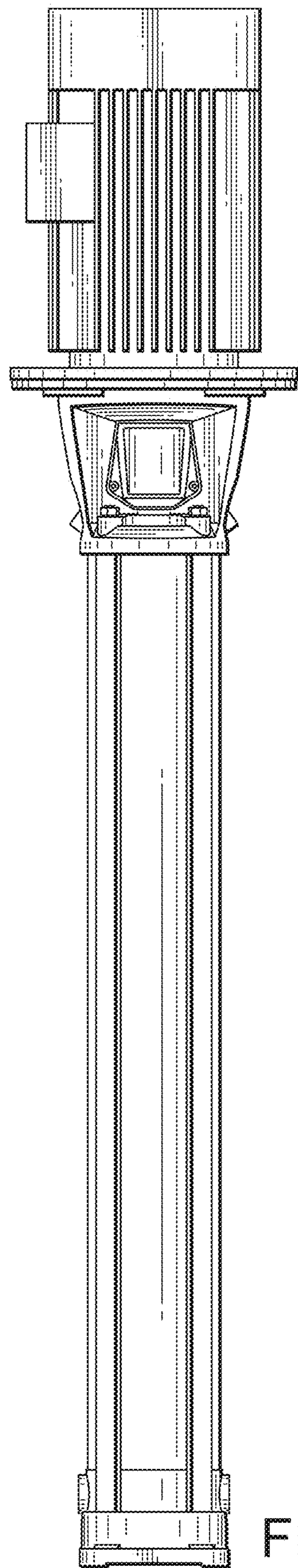
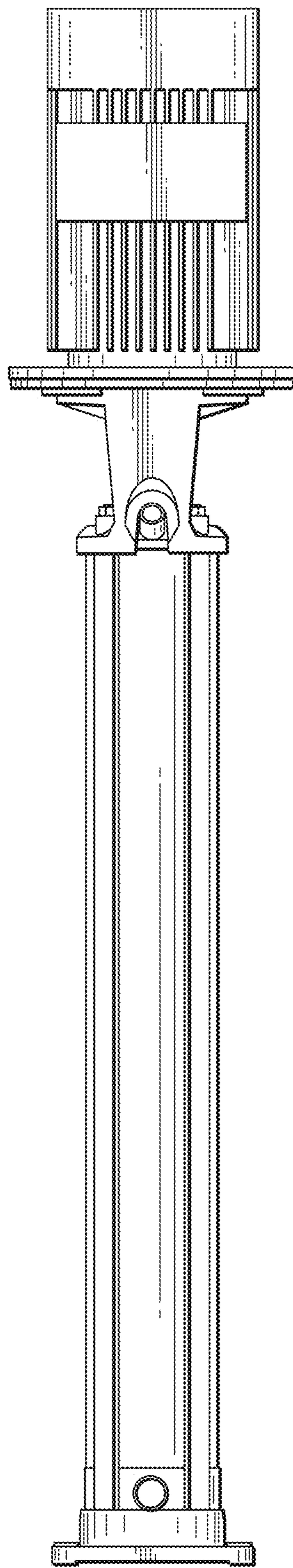
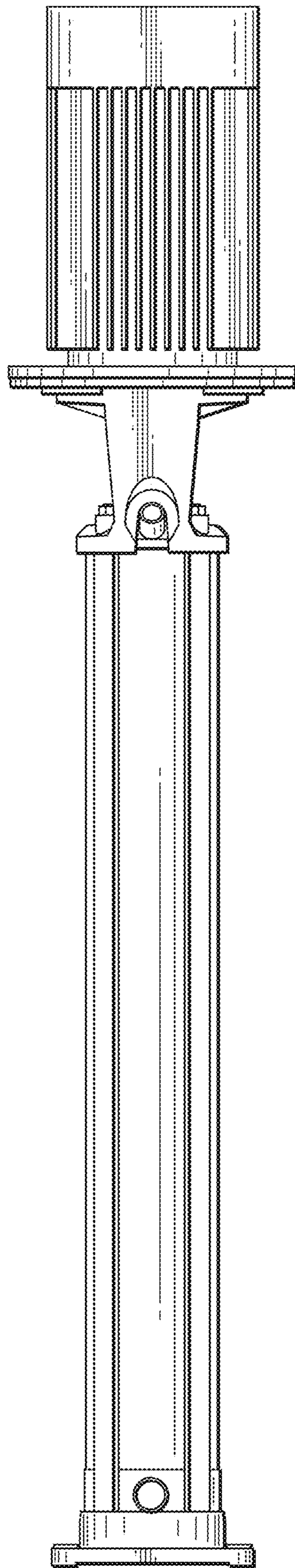


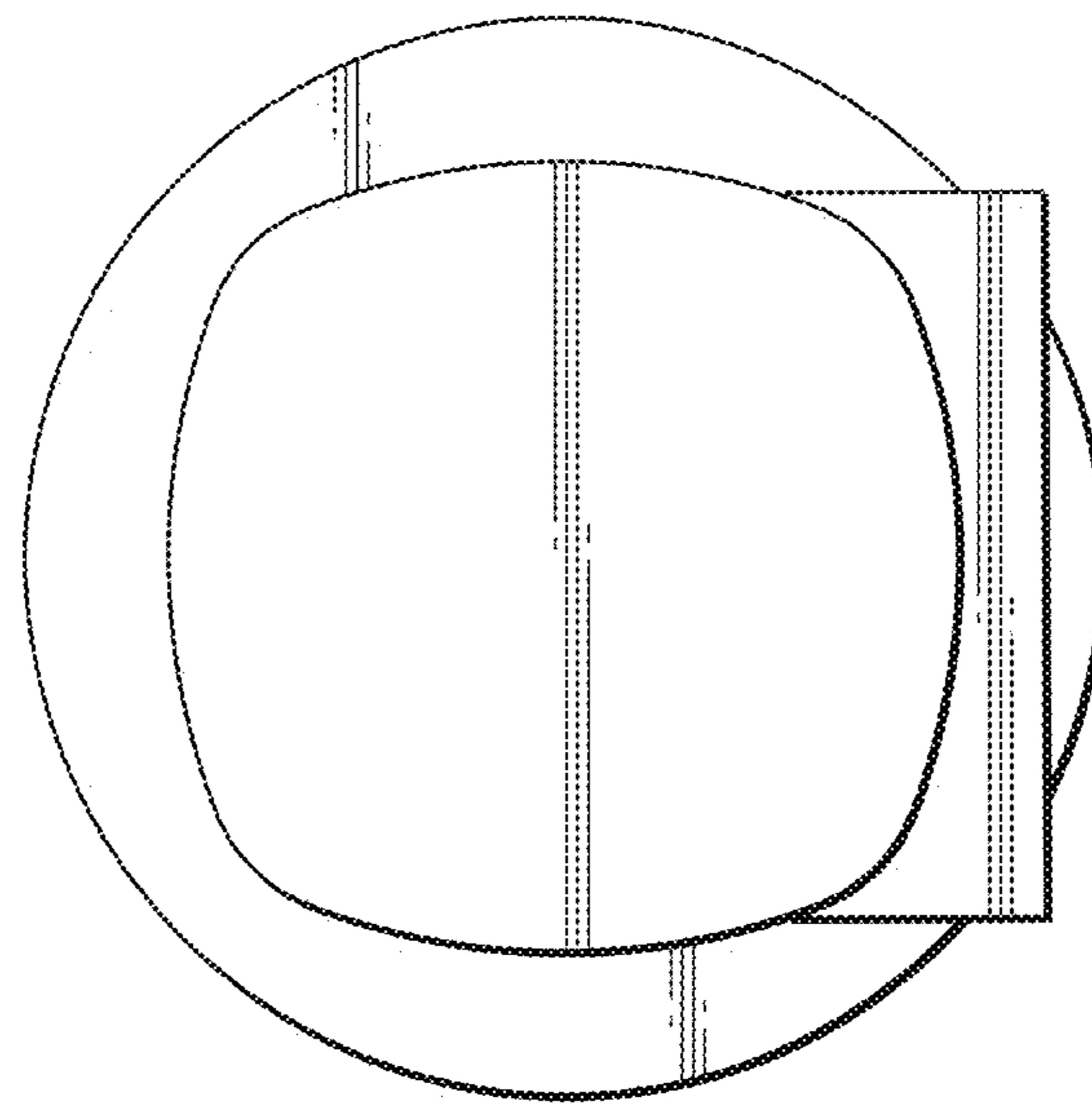
FIG. 24



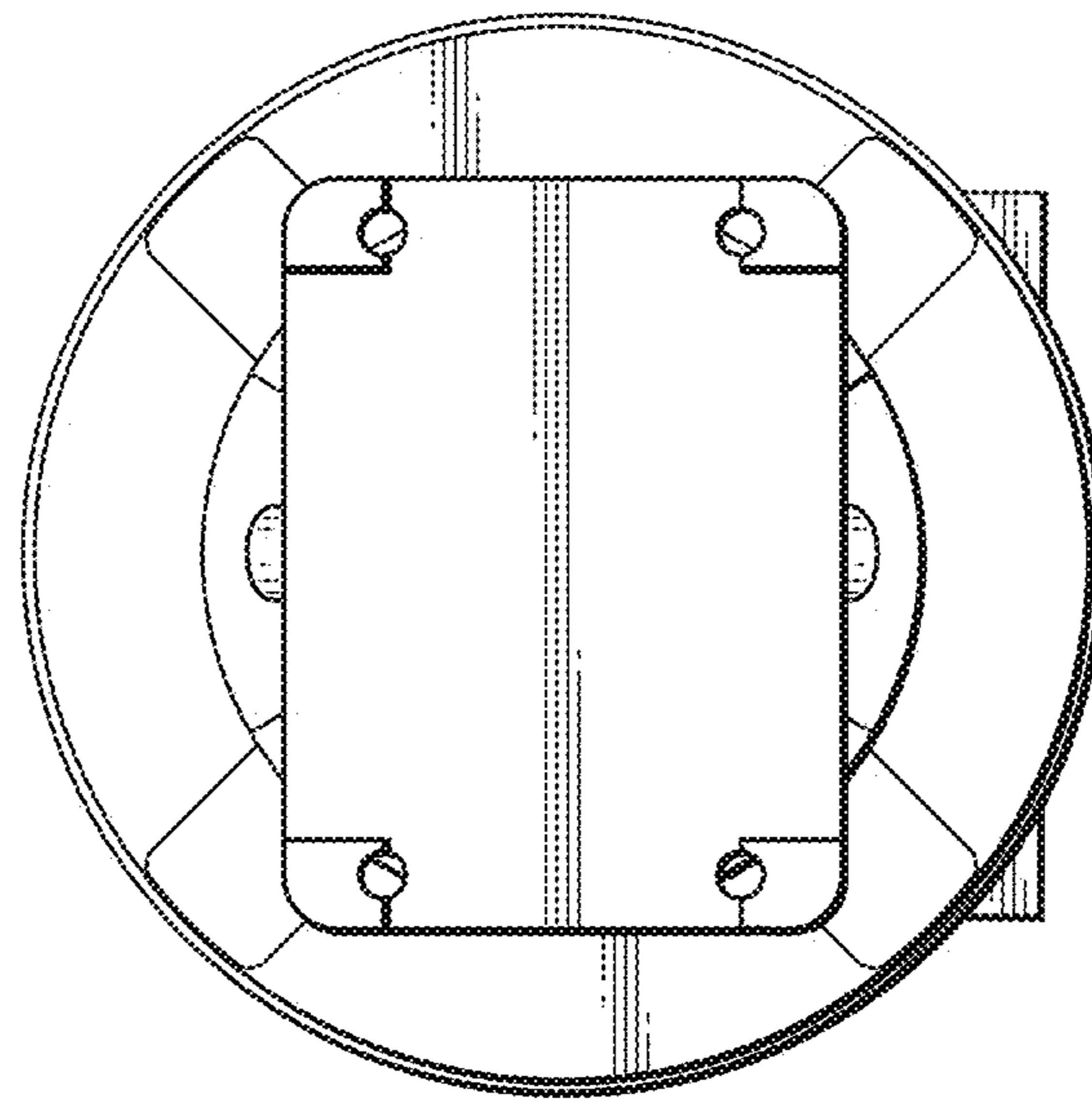
**FIG. 25**



**FIG. 26**



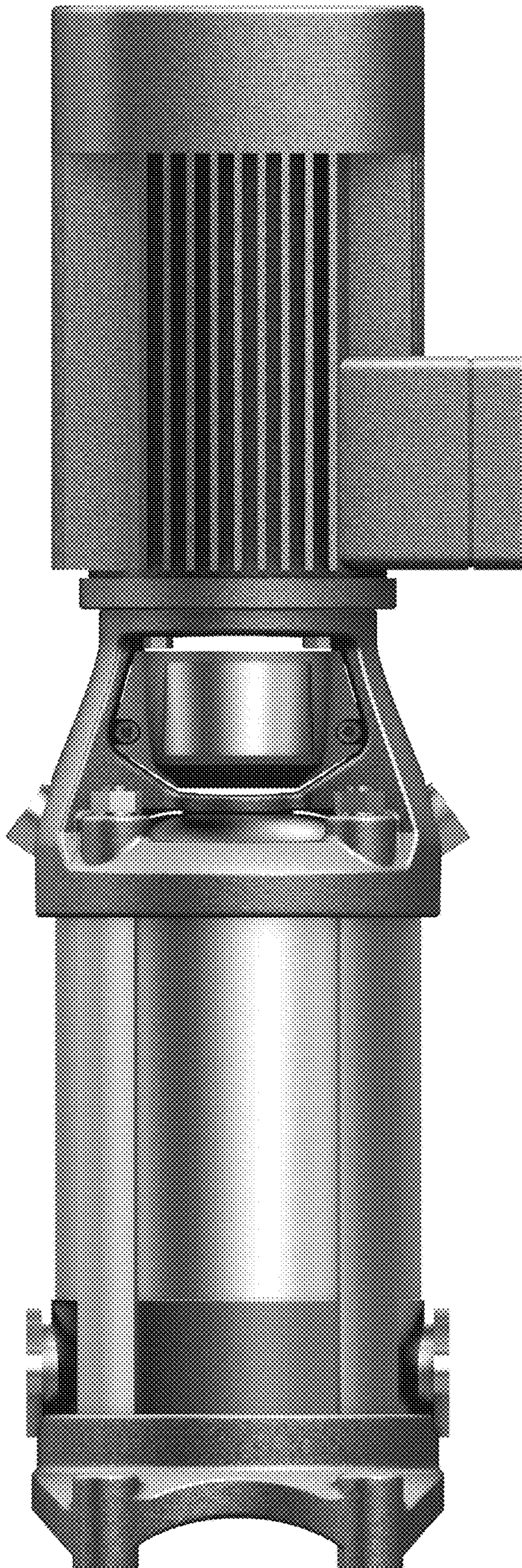
**FIG. 27**



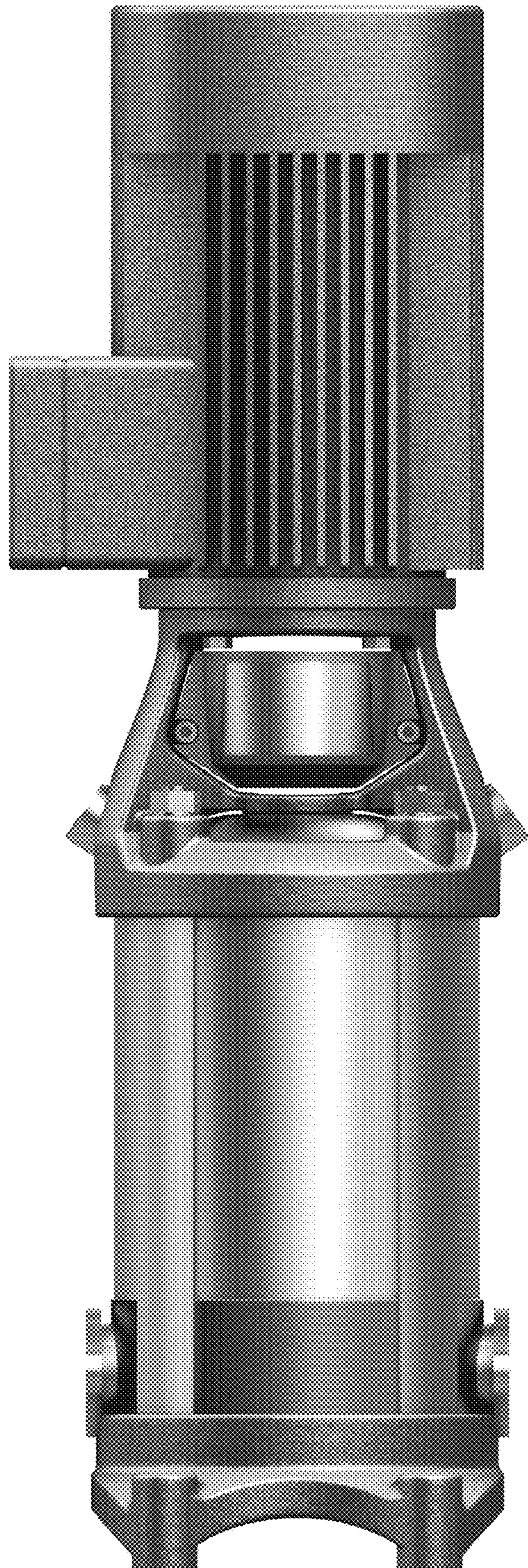
**FIG. 28**



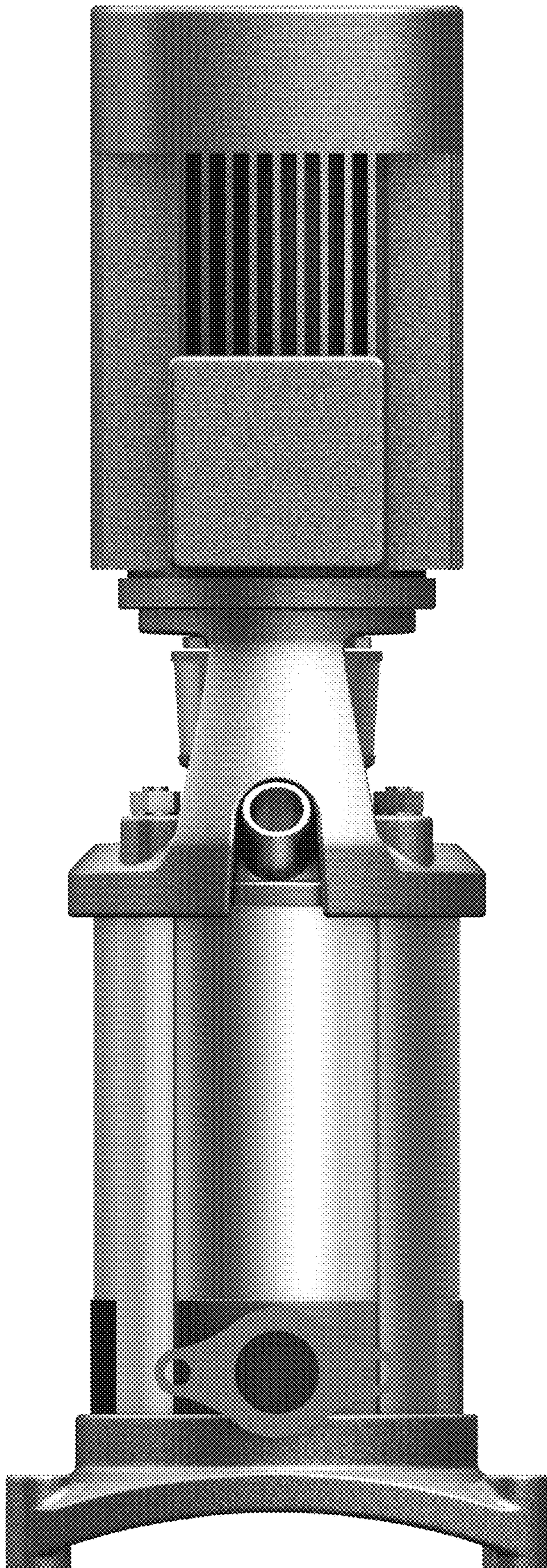
**FIG. 29**



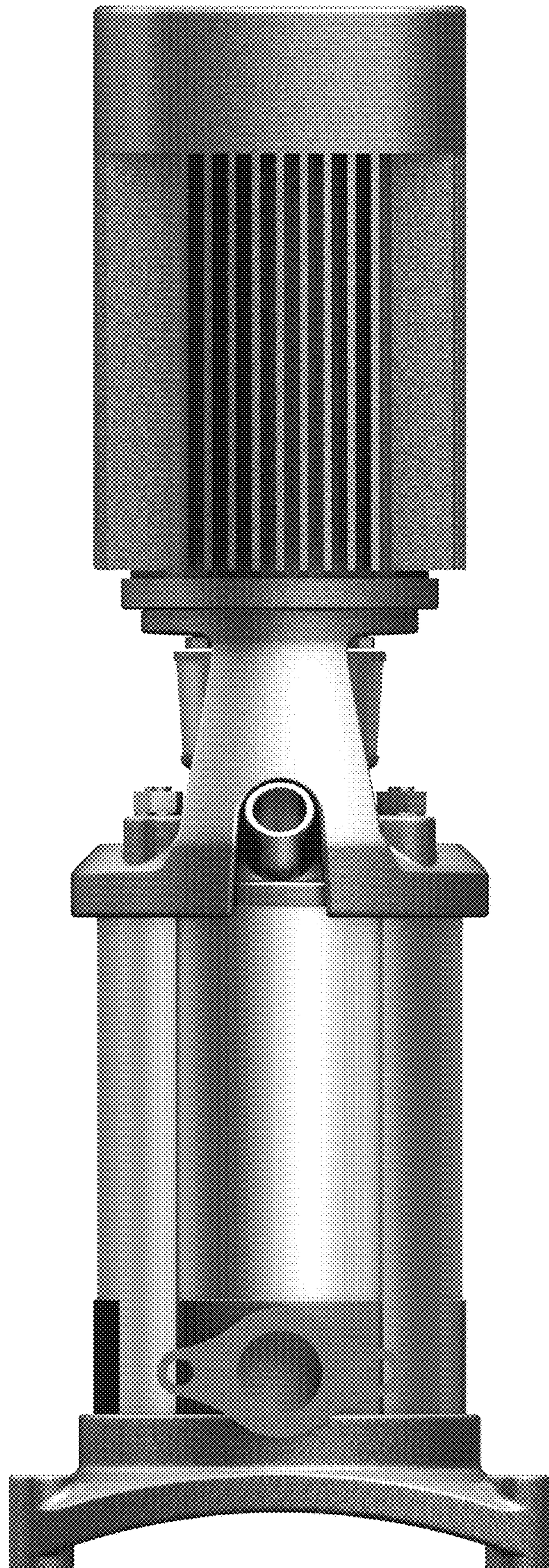
**FIG. 30**



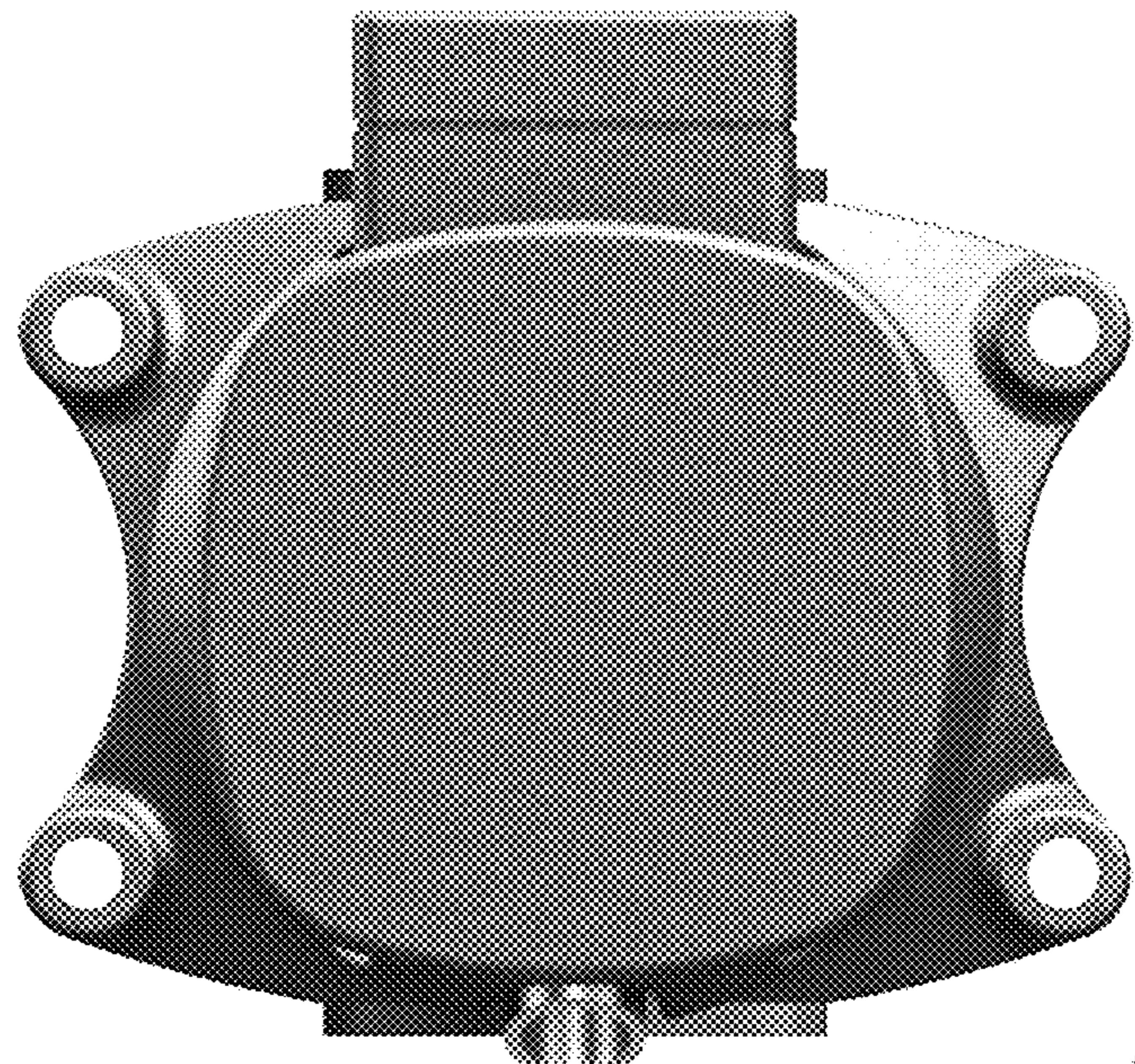
**FIG. 31**



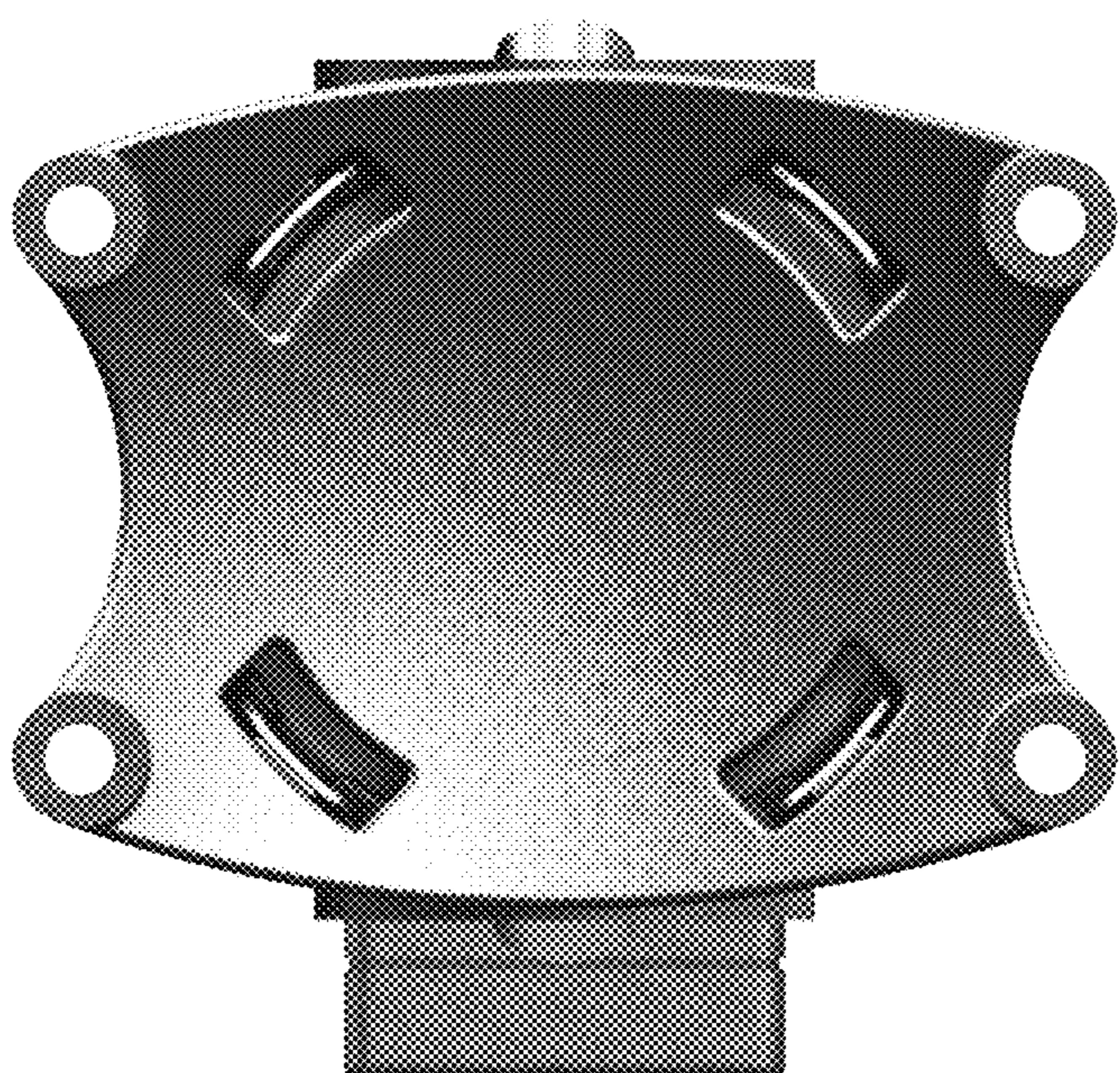
**FIG. 32**



**FIG. 33**



**FIG. 34**



**FIG. 35**