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(12) **United States Design Patent**  
**Wang et al.**

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(45) **Date of Patent:** **\*\* Apr. 26, 2016**

(54) **CENTRIFUGAL COMPRESSOR**

CPC ..... F02M 37/04; F02M 37/14  
See application file for complete search history.

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(56) **References Cited**

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U.S. PATENT DOCUMENTS

|              |         |                     |       |
|--------------|---------|---------------------|-------|
| D450,327 S * | 11/2001 | Mori et al. ....    | D15/7 |
| D485,565 S * | 1/2004  | Martinello .....    | D15/7 |
| D668,684 S * | 10/2012 | Noguchi .....       | D15/9 |
| D684,197 S * | 6/2013  | Kienzle et al. .... | D15/9 |
| D690,324 S * | 9/2013  | Kienzle et al. .... | D15/9 |
| D695,318 S * | 12/2013 | Link et al. ....    | D15/9 |
| D699,763 S * | 2/2014  | Fitch et al. ....   | D15/7 |
| D719,192 S * | 12/2014 | Schlenker .....     | D15/7 |

\* cited by examiner

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

(57) **CLAIM**

(21) Appl. No.: **29/512,821**

The ornamental design for a centrifugal compressor, as shown and described.

(22) Filed: **Dec. 23, 2014**

**DESCRIPTION**

(30) **Foreign Application Priority Data**

Jul. 8, 2014 (CN) ..... 2014 3 0227851

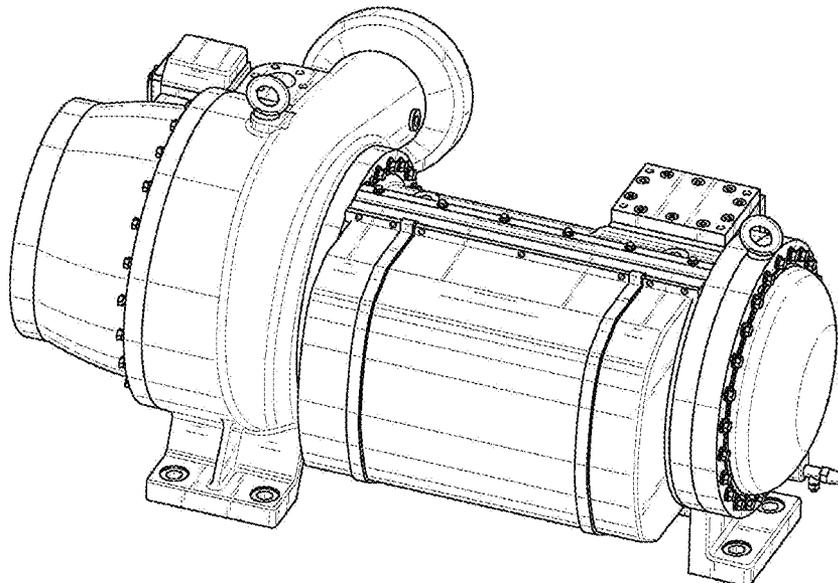
(51) **LOC (10) Cl.** ..... **15-02**

(52) **U.S. Cl.** ..... **D15/9**  
USPC .....

(58) **Field of Classification Search**  
USPC ..... D15/7-9; D23/231, 232, 225; 417/60, 417/235, 265, 321, 355, 358, 363, 359, 417/410.1, 415-416, 405, 900; 60/408, 60/412; 184/26-37; 415/140-147; 123/495, 509; 137/565.34

FIG. 1 is a front perspective view of a centrifugal compressor in accordance with the present invention;  
FIG. 2 is a front side plan view thereof;  
FIG. 3 is a rear side plan view thereof;  
FIG. 4 is a top plan view thereof;  
FIG. 5 is a bottom plan view thereof;  
FIG. 6 is a right side plan view thereof; and,  
FIG. 7 is a left side plan view thereof.  
The broken lines are included for the purpose of illustrating portions of the centrifugal compressor that form no part of the claimed design.

**1 Claim, 7 Drawing Sheets**



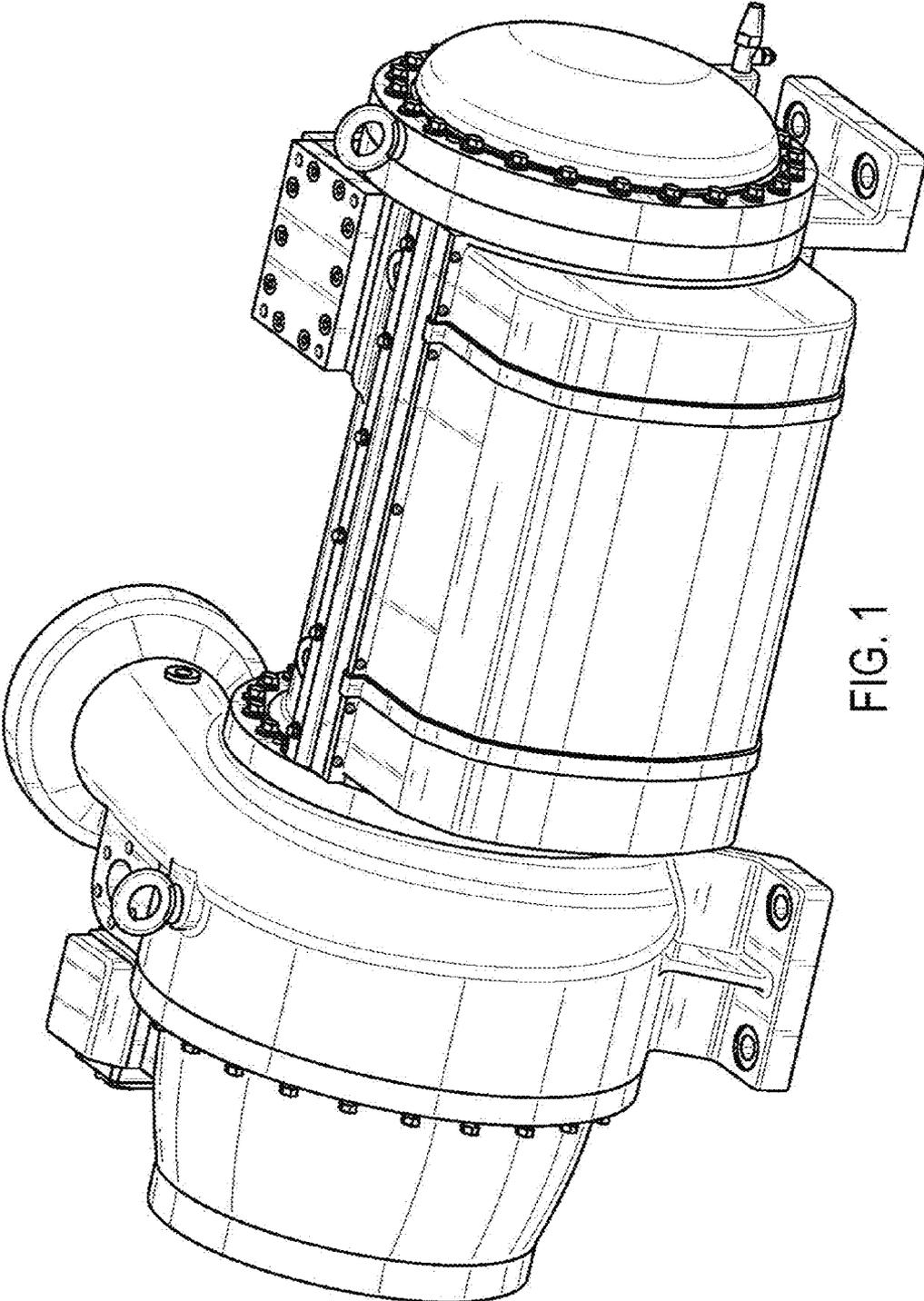


FIG. 1

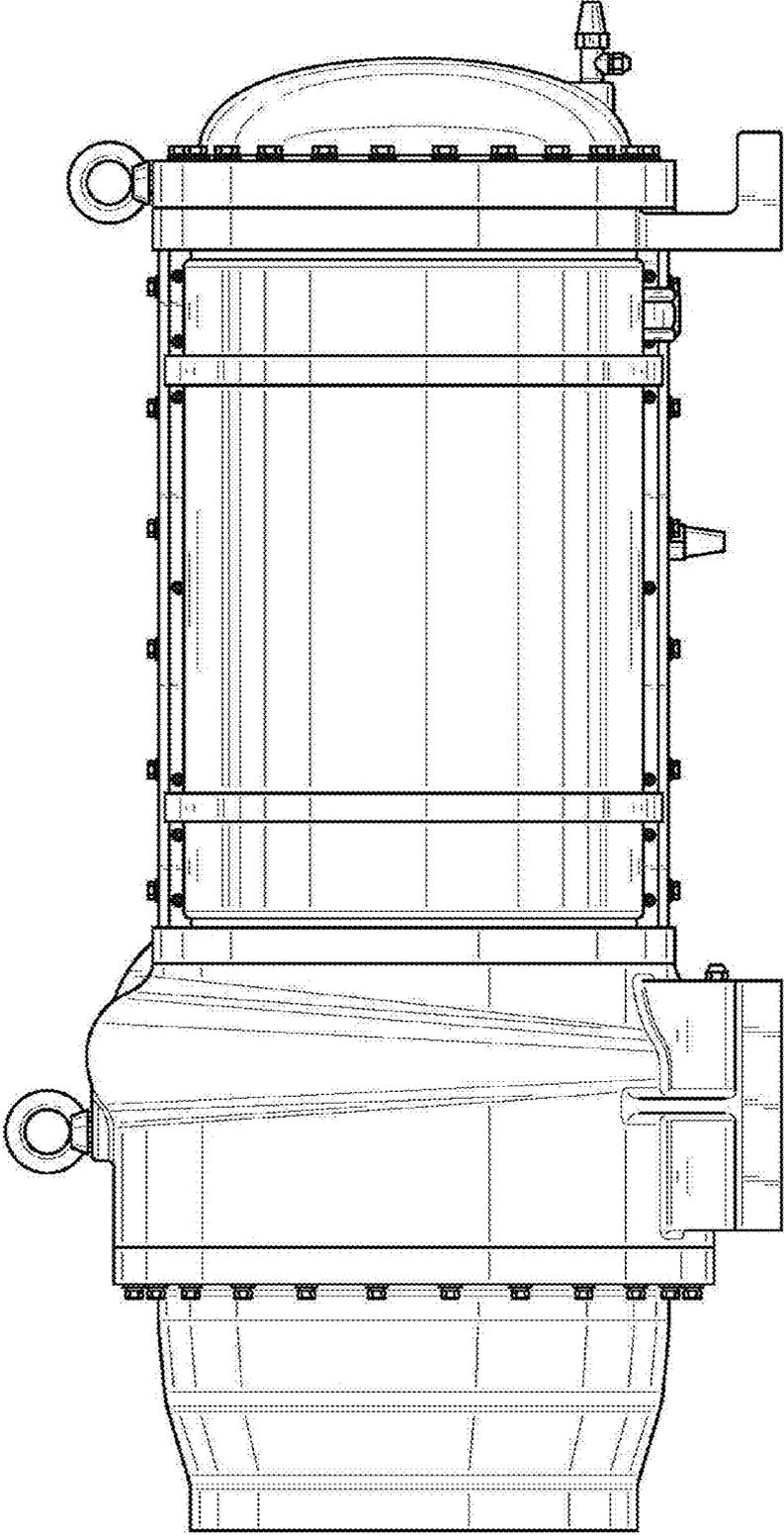


FIG. 2

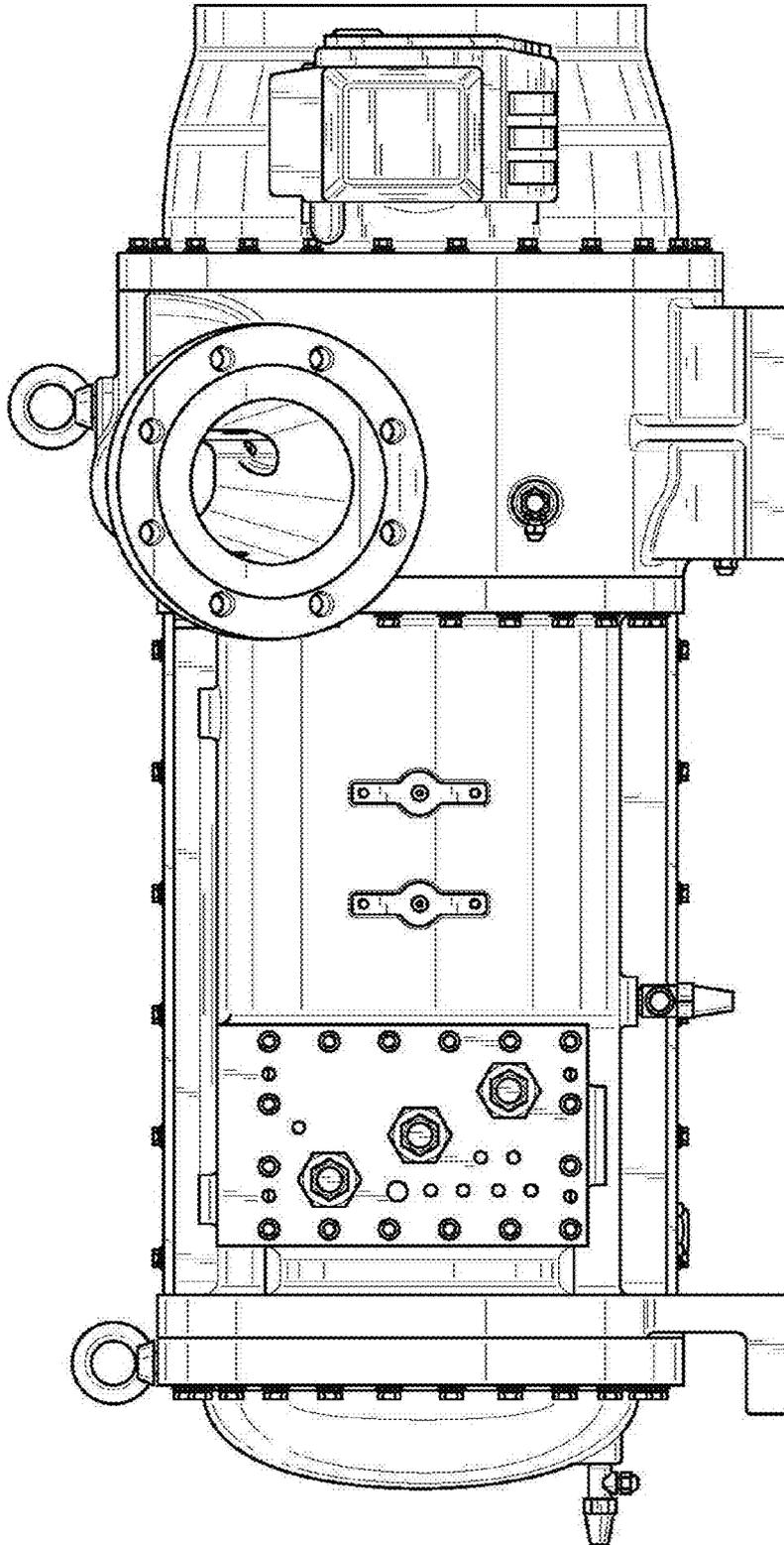


FIG. 3

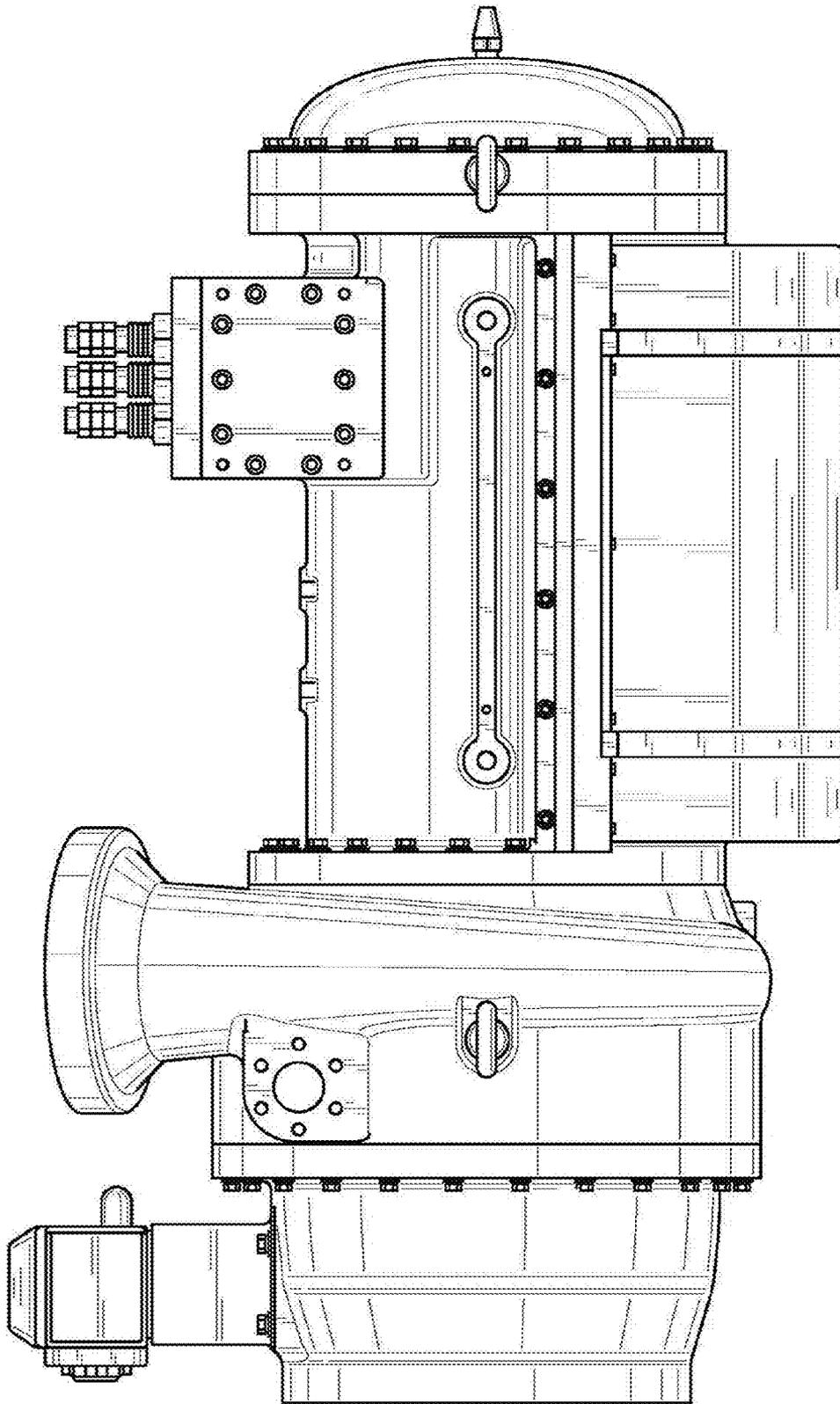


FIG. 4

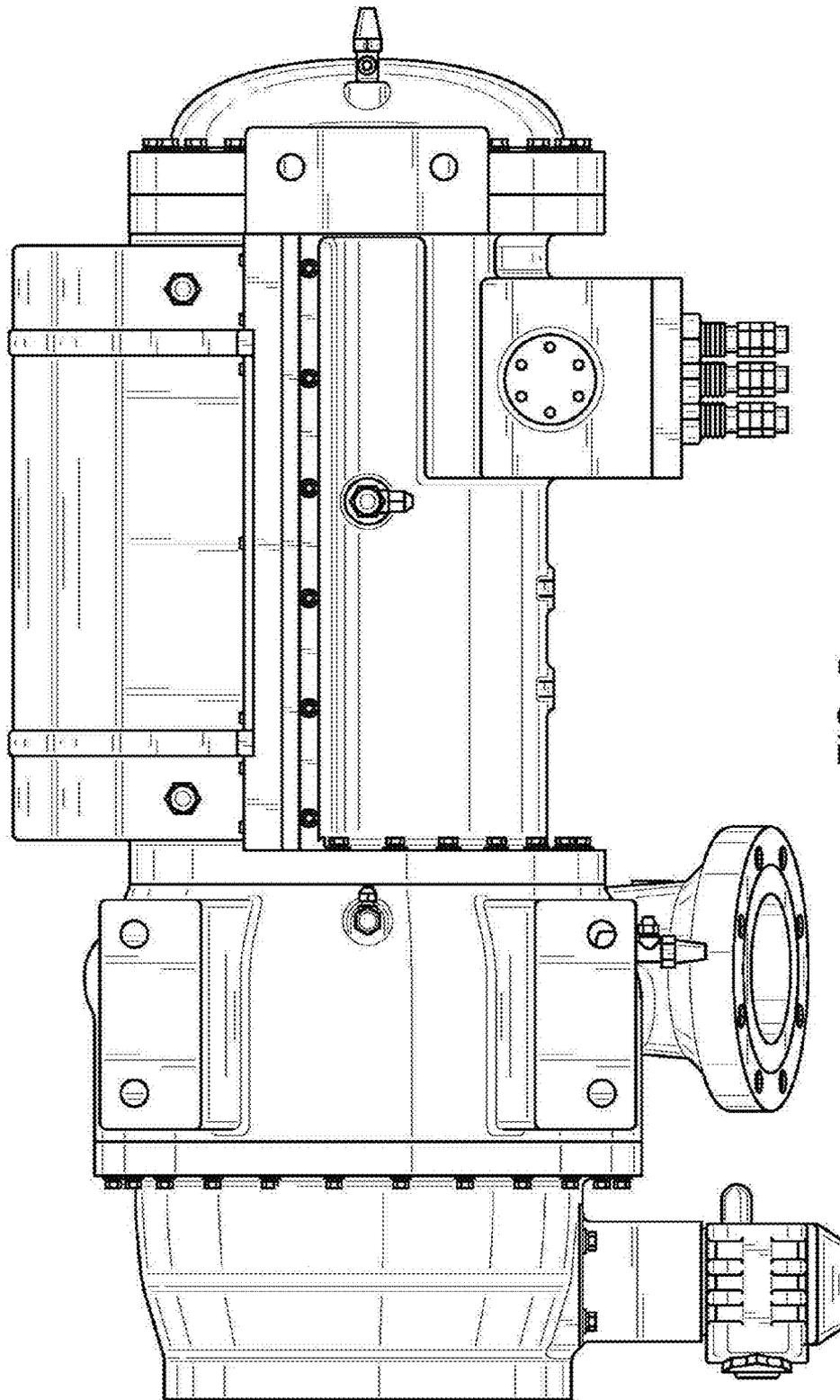


FIG. 5

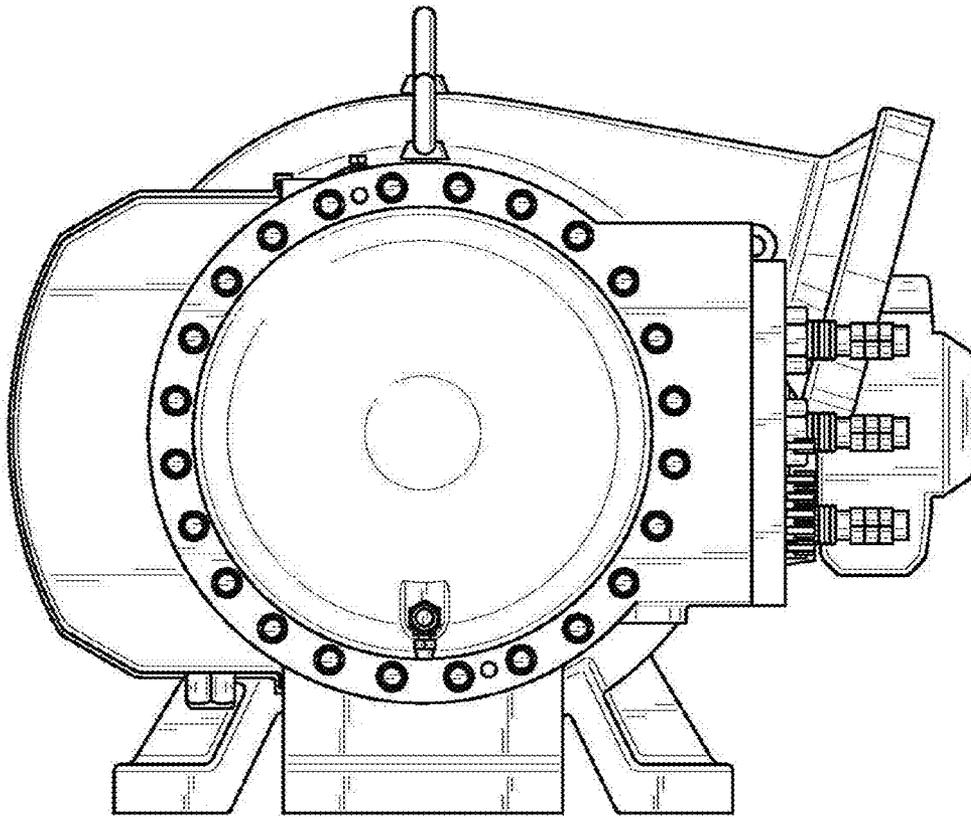


FIG. 6

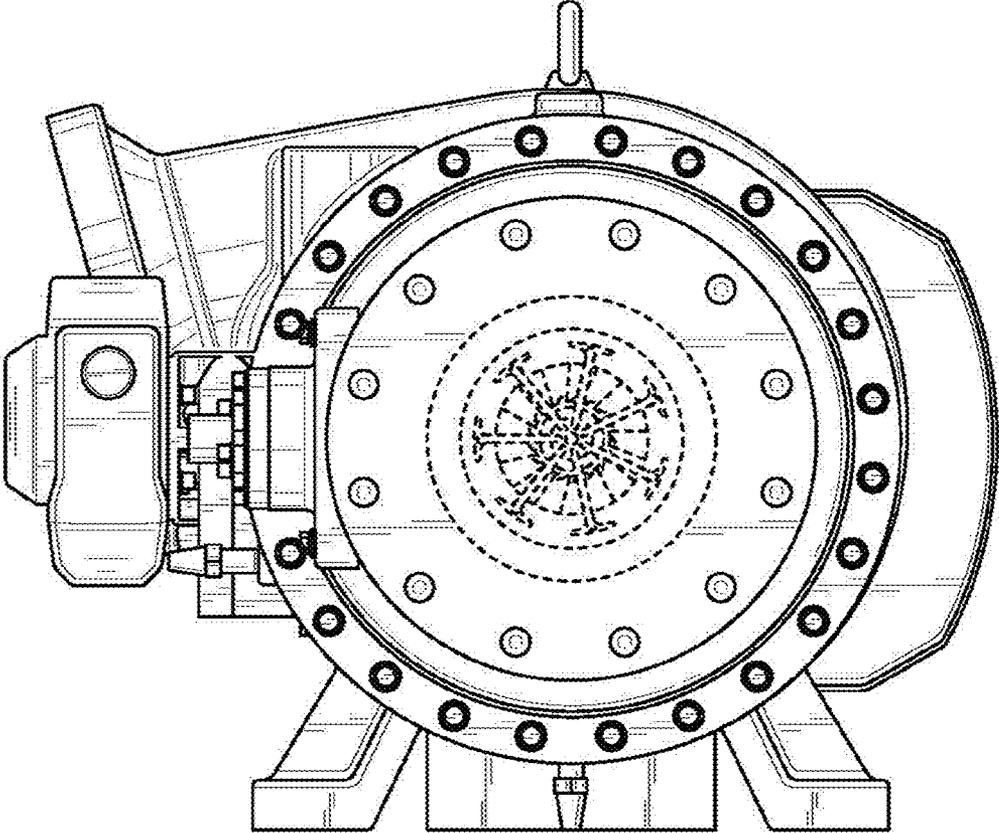


FIG. 7