



US00D730415S

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

(10) **Patent No.:** **US D730,415 S**

(45) **Date of Patent:** **** May 26, 2015**

(54) **GYRATORY CRUSHER**

100/207, 208, 214, 268, 282, 292;
241/31, 58, 159, 179, 186, 236, 285;
435/86, 135, 347, 348.5, 349, 350,
435/353, 355, 358, 360

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See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

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Larsson, Eslov (SE)

3,843,068	A *	10/1974	Allen et al.	241/285.1
8,070,084	B2 *	12/2011	Biggin et al.	241/209
D716,853	S *	11/2014	Malmqvist et al.	D15/123
2011/0006143	A1 *	1/2011	Gunnarsson et al.	241/215
2012/0223171	A1 *	9/2012	Flath et al.	241/207
2013/0075508	A1 *	3/2013	Stemper	241/207
2013/0334348	A1 *	12/2013	Dricken et al.	241/32
2014/0084095	A1 *	3/2014	Glauberman et al.	241/277

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* cited by examiner

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

Primary Examiner — Patricia Palasik

(21) Appl. No.: **29/450,772**

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(22) Filed: **Mar. 22, 2013**

(57) **CLAIM**

The ornamental design for a gyratory crusher, as shown.

(30) **Foreign Application Priority Data**

DESCRIPTION

Feb. 11, 2013	(EM)	001360325-0001
Feb. 11, 2013	(EM)	001360325-0002
Feb. 11, 2013	(EM)	001360325-0003
Feb. 11, 2013	(EM)	001360325-0004
Feb. 11, 2013	(EM)	001360325-0005
Feb. 11, 2013	(EM)	001360325-0006

FIG. 1 is a perspective view of a gyratory crusher;
FIG. 2 is a first side view thereof;
FIG. 3 is a second side view thereof;
FIG. 4 is a front view thereof;
FIG. 5 is a rear view thereof;
FIG. 6 is a top view thereof; and,
FIG. 7 is a bottom view thereof.

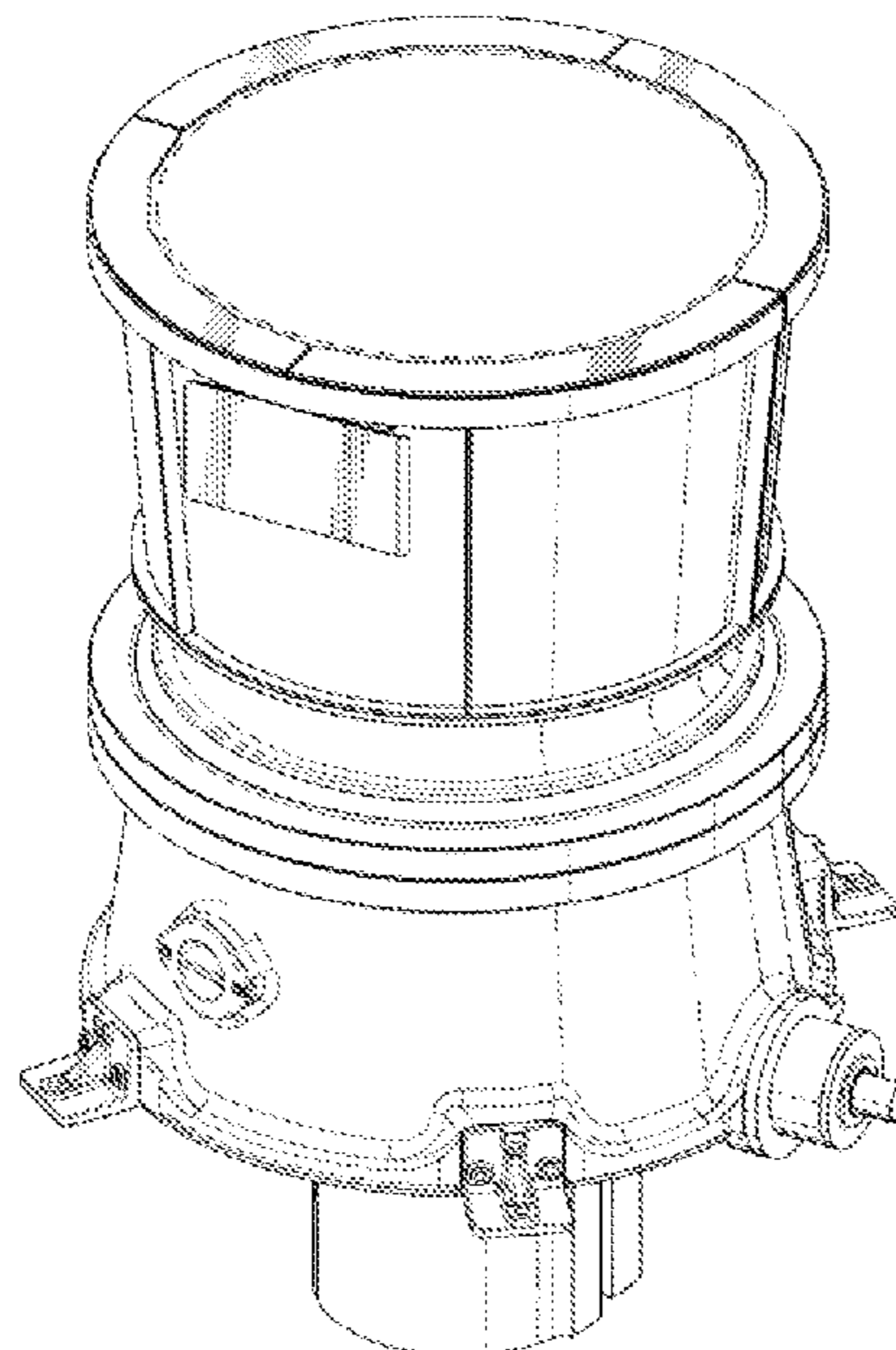
(51) **LOC (10) Cl.** **15-09**

The broken lines in the drawings depict unclaimed environmental subject matter.

(52) **U.S. Cl.**
USPC **D15/123**

(58) **Field of Classification Search**
USPC D15/122, 123; 72/448, 455, 465;

1 Claim, 7 Drawing Sheets



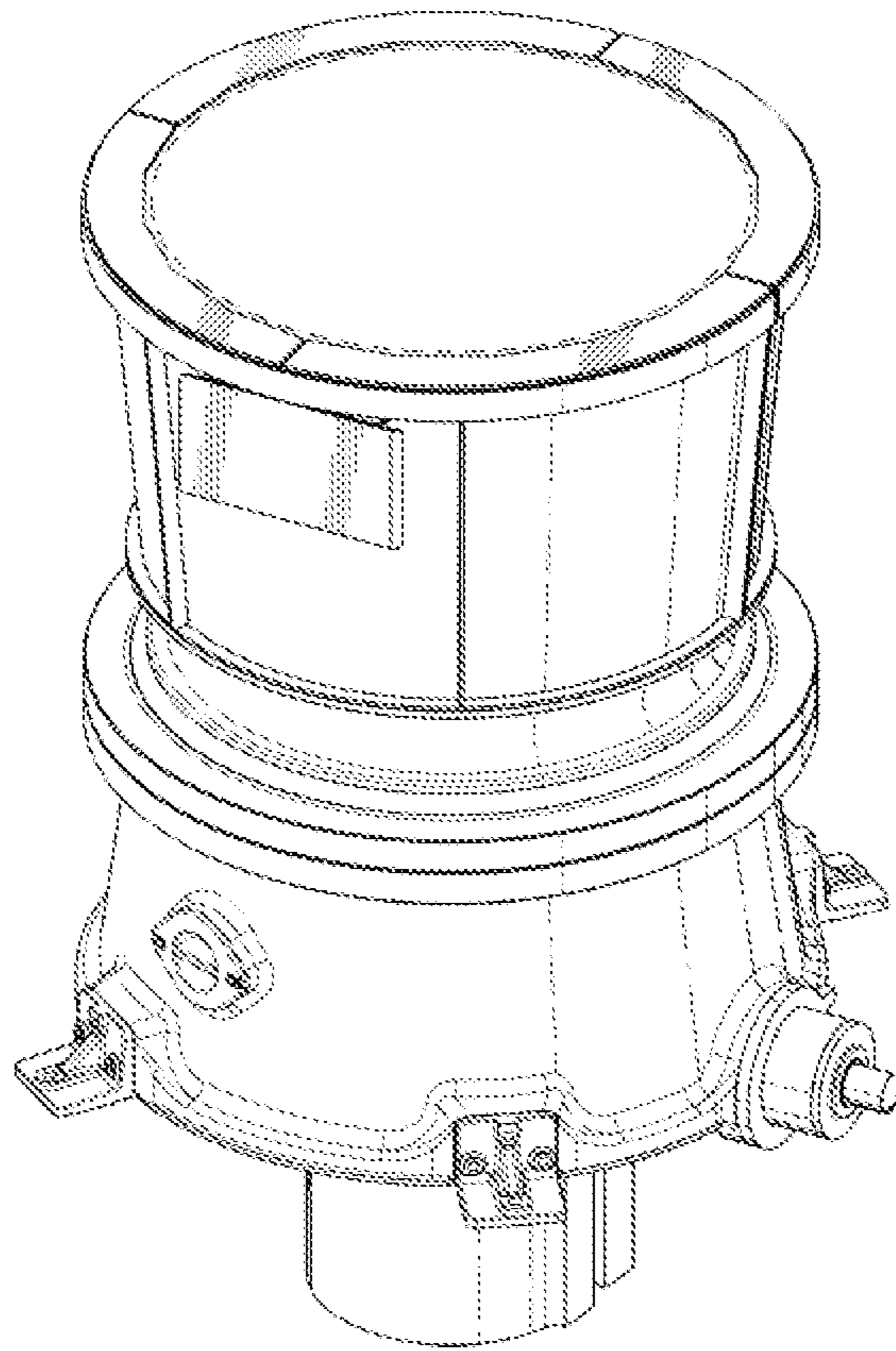


FIG. 1

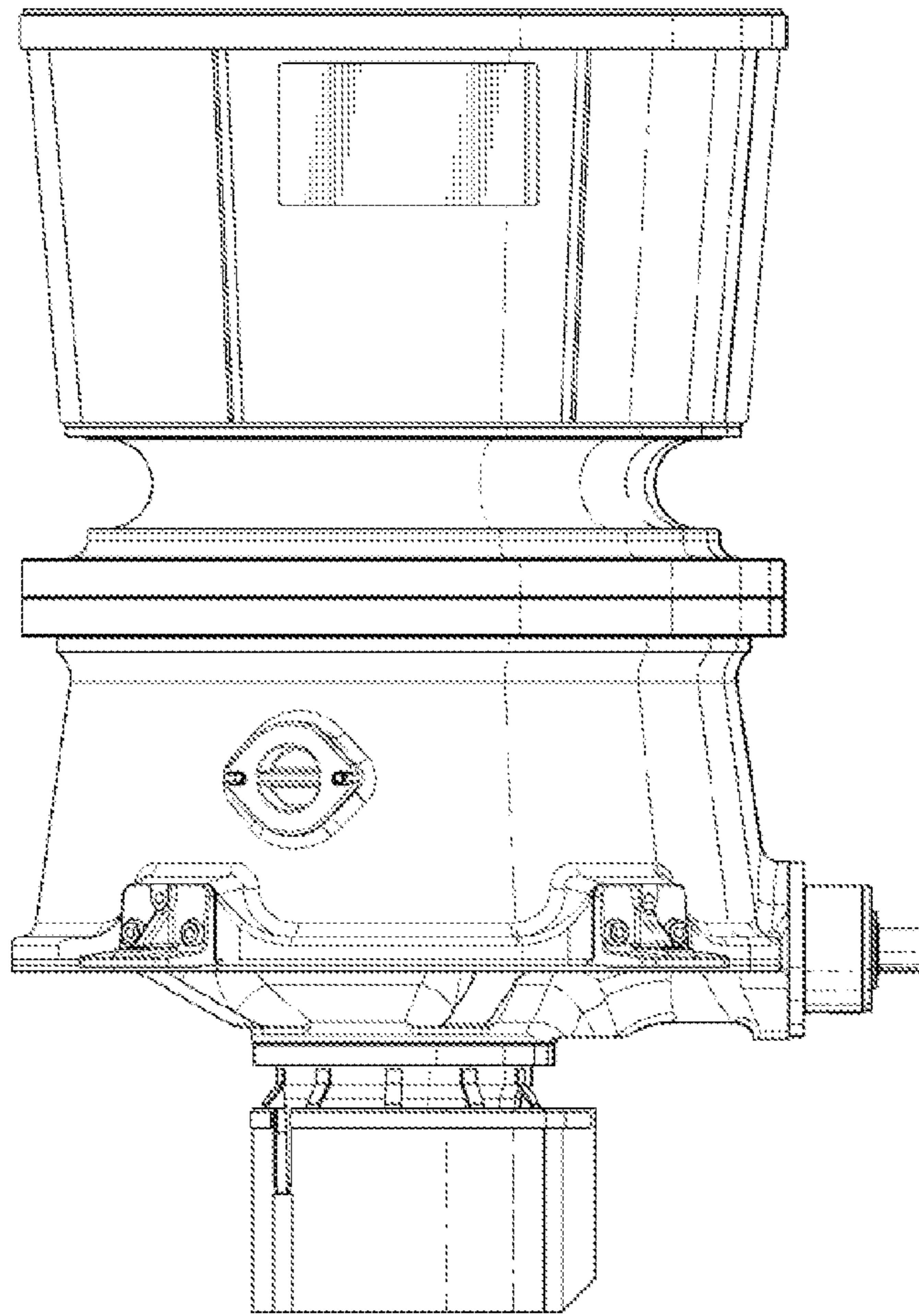


FIG. 2

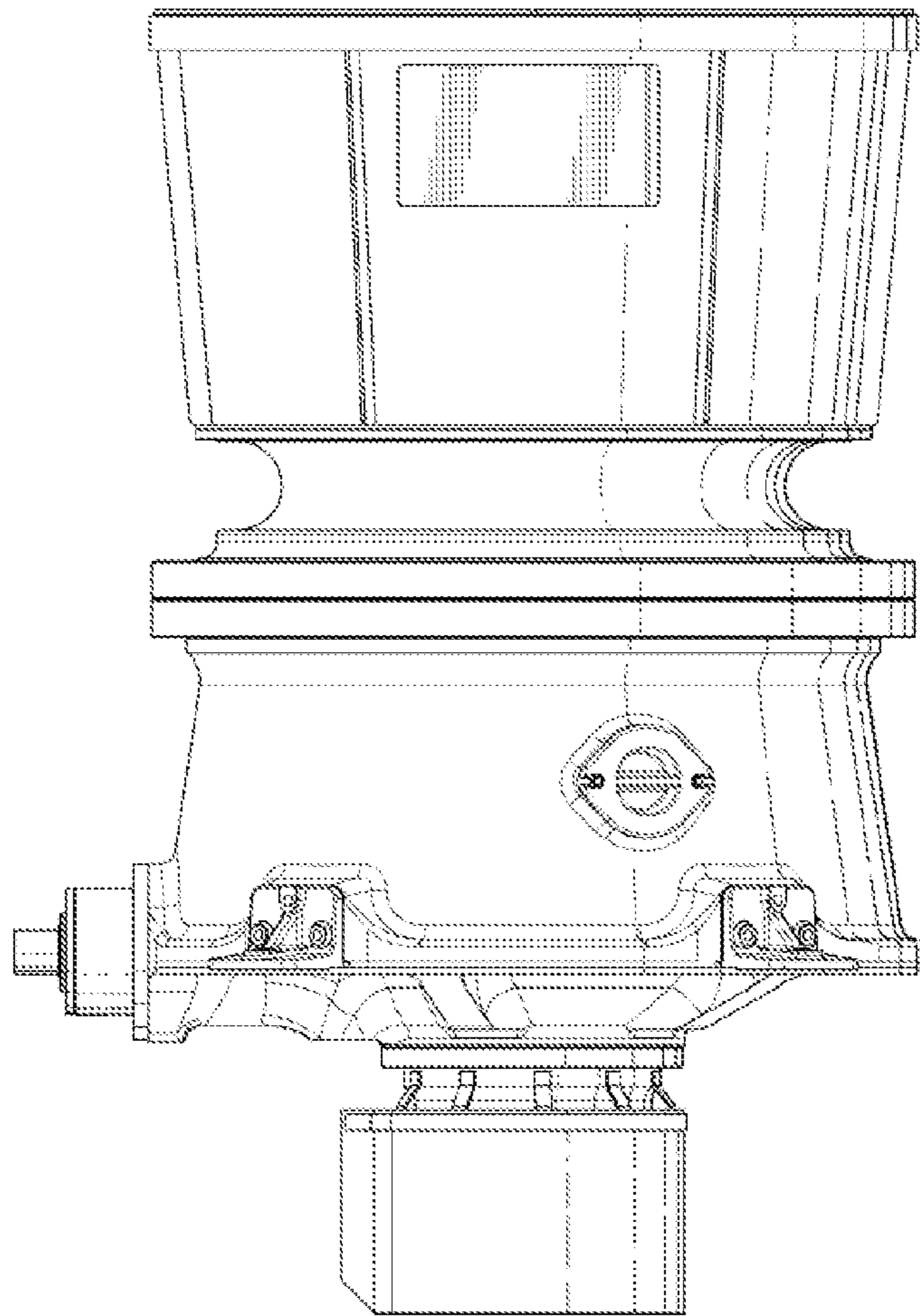


FIG. 3

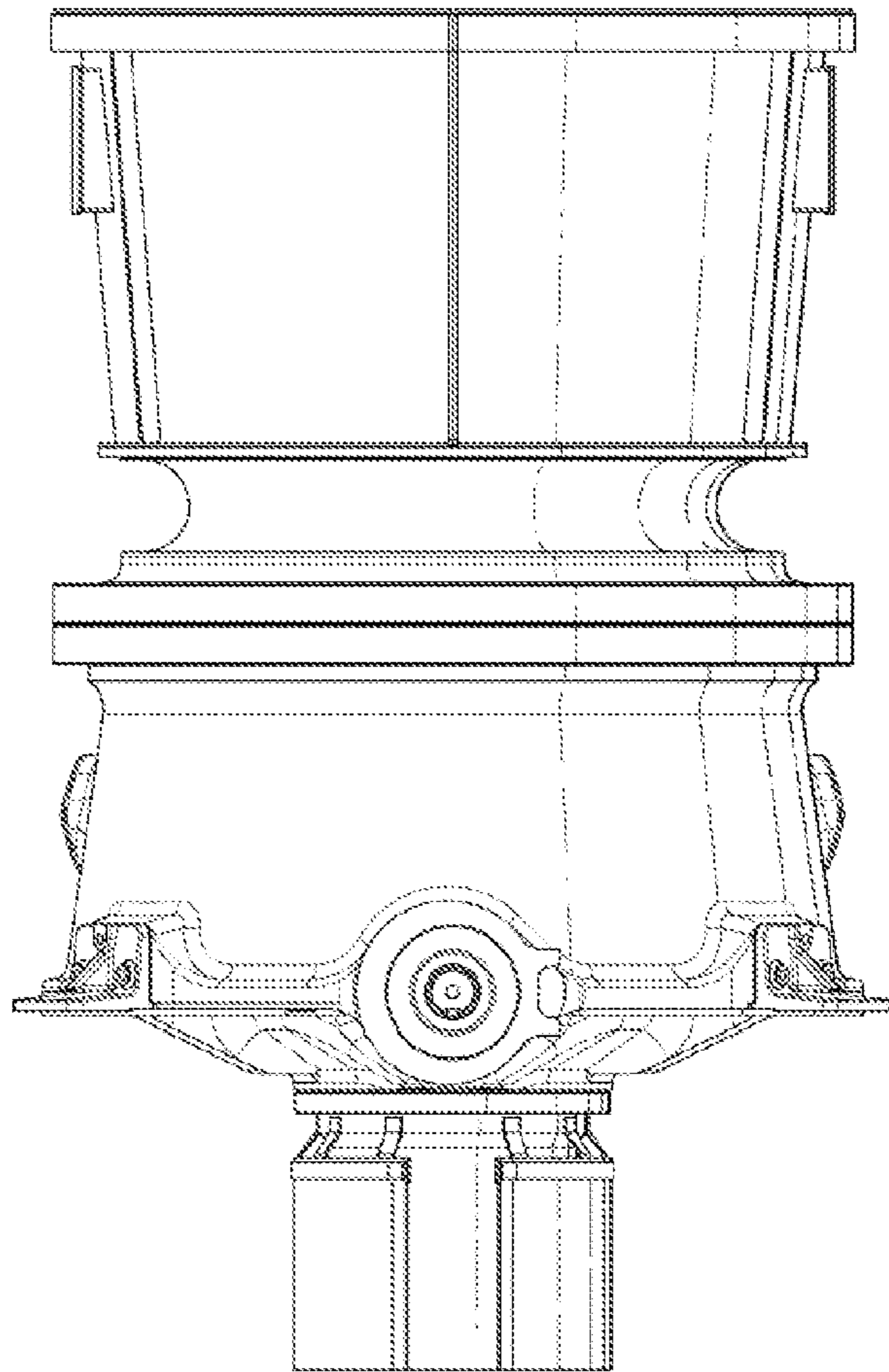


Fig. 4

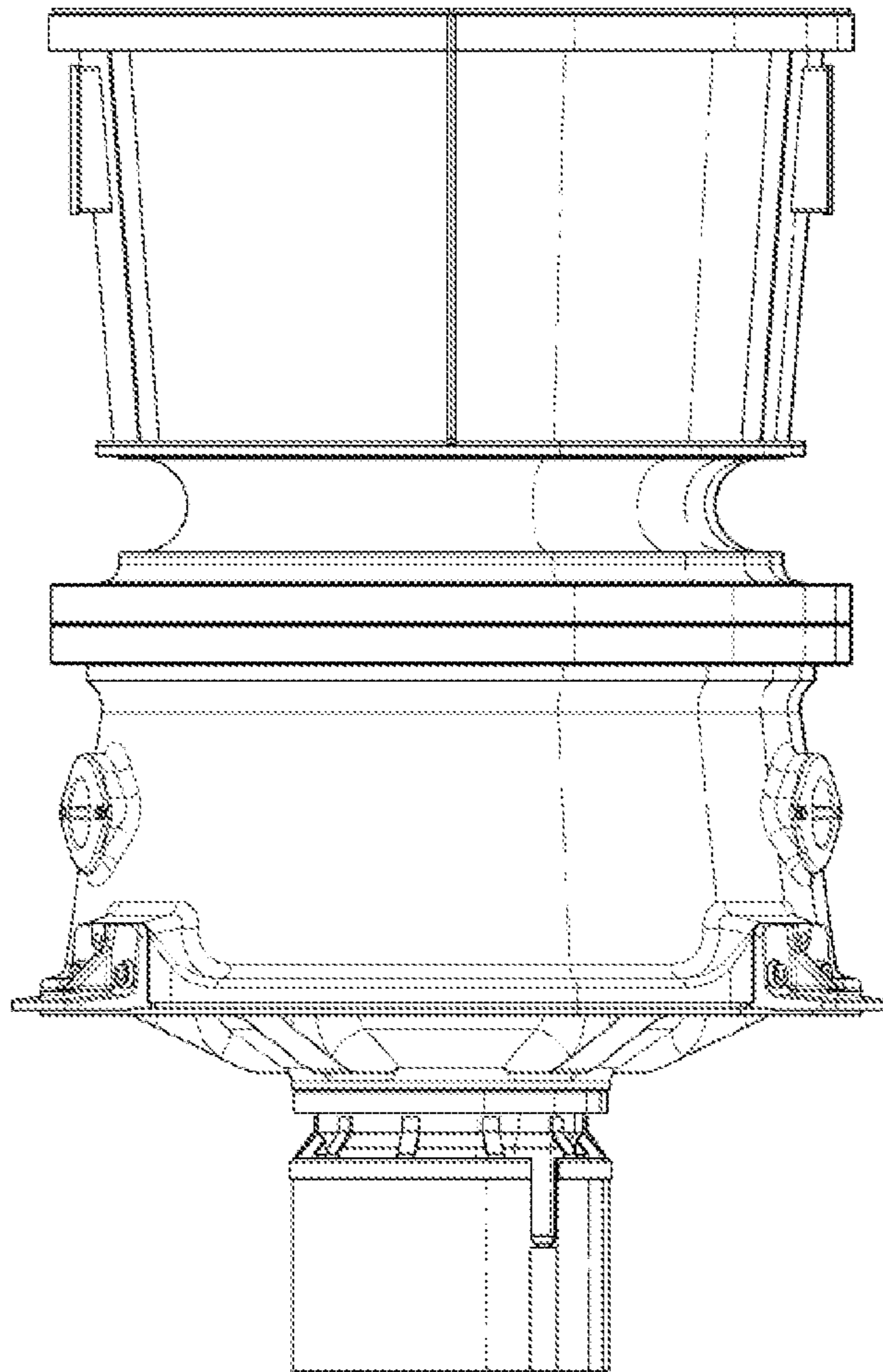


FIG. 5

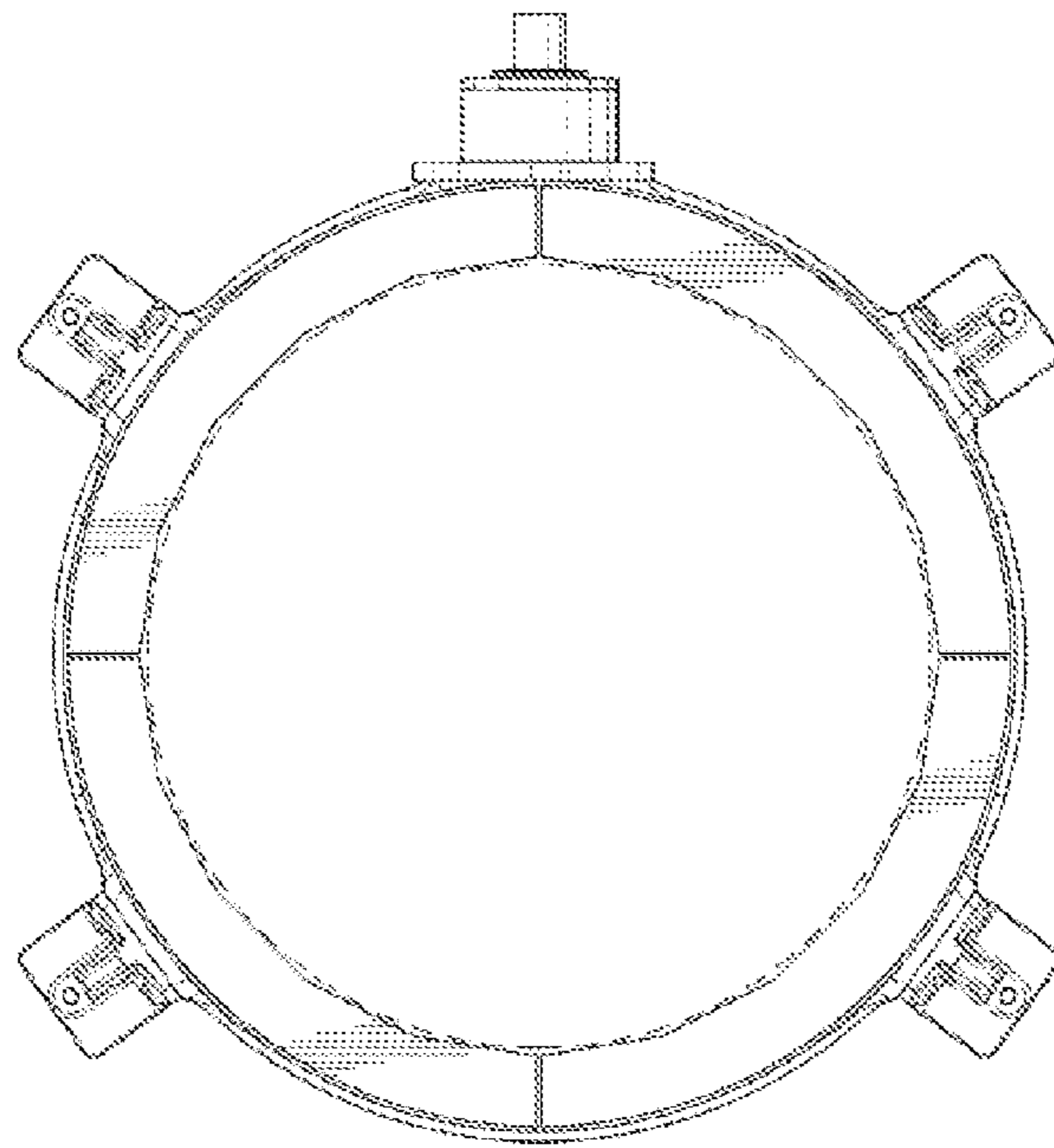


FIG. 6

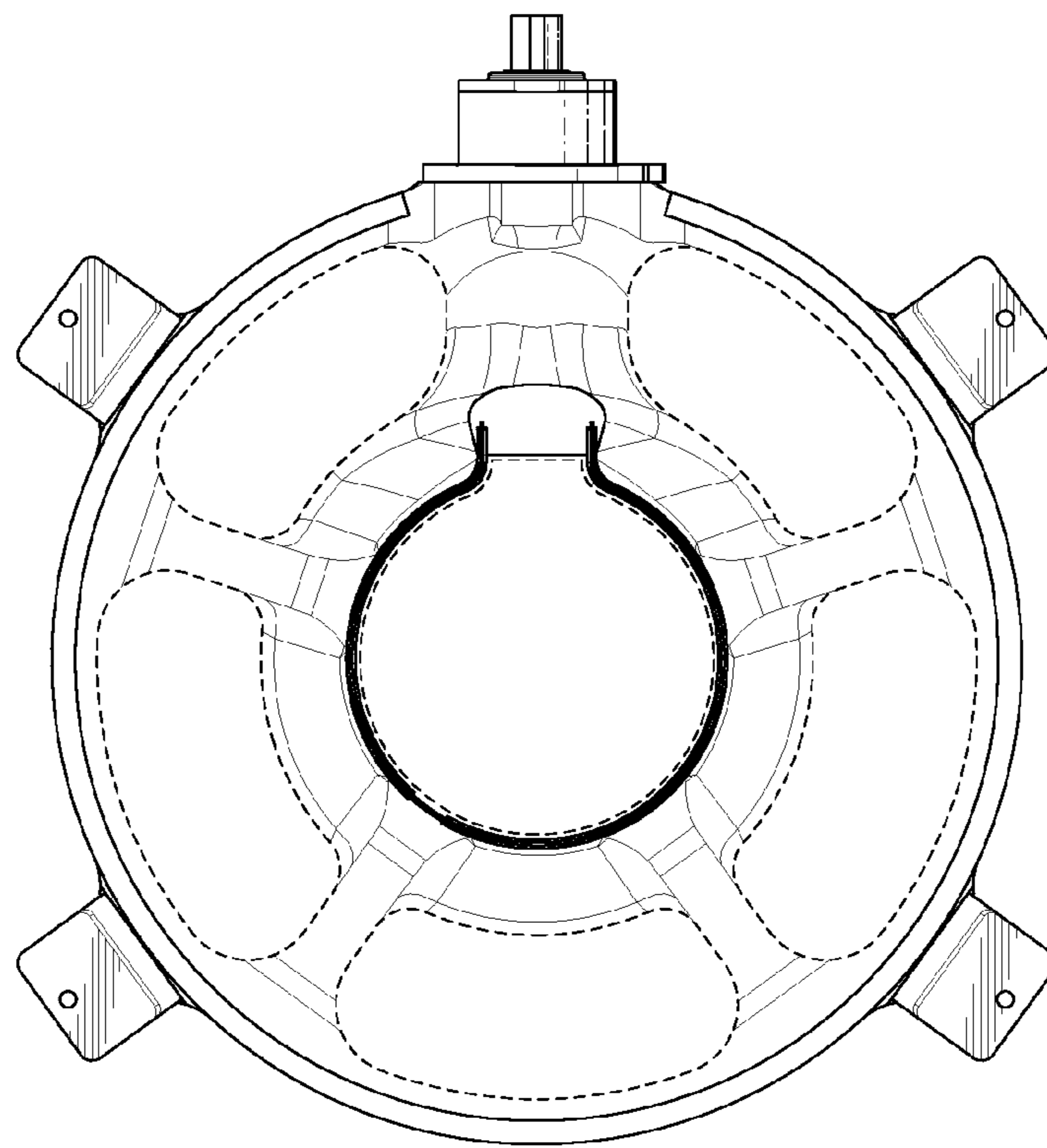


Fig. 7