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(12) **United States Design Patent**  
**Kagaya**

(10) **Patent No.:** **US D968,240 S**

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(54) **MOBILE MAPPING DEVICE FOR VEHICLE**

(71) Applicant: **Mitsubishi Electric Corporation,**  
Tokyo (JP)

(72) Inventor: **Atsuhiko Kagaya,** Tokyo (JP)

(73) Assignee: **Mitsubishi Electric Corporation,**  
Tokyo (JP)

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

(21) Appl. No.: **29/674,643**

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(30) **Foreign Application Priority Data**

Jun. 29, 2018 (JP) ..... 2018-014430  
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(Continued)

(51) **LOC (13) Cl.** ..... **10-04**

(52) **U.S. Cl.**  
USPC ..... **D10/65; D10/70**

(58) **Field of Classification Search**  
USPC ..... D14/304, 388; D12/1, 14, 320, 96, 174;  
D10/46, 61-63, 65-67, 70, 74, 98, 103;  
D16/205, 207-208, 210-211, 215  
(Continued)

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(Continued)

*Primary Examiner* — Kathleen L Jones

(74) *Attorney, Agent, or Firm* — Studebaker & Brackett  
PC

(57) **CLAIM**

The ornamental design for a mobile mapping device for vehicle, as shown and described.

**DESCRIPTION**

FIG. 1 is a front, top, and right perspective view of a mobile mapping device for vehicle showing the first embodiment of my new design;

FIG. 2 is a front view thereof;

FIG. 3 is a rear view thereof;

FIG. 4 is a left side view thereof;

FIG. 5 is a right side view thereof;

FIG. 6 is a top view thereof;

FIG. 7 is a bottom view thereof;

FIG. 8 is a front, top, and right perspective view of a mobile mapping device for vehicle showing the second embodiment of my new design;

FIG. 9 is a front view thereof;

FIG. 10 is a rear view thereof;

FIG. 11 is a left side view thereof;

FIG. 12 is a right side view thereof;

FIG. 13 is a top view thereof;

FIG. 14 is a bottom view thereof;

FIG. 15 is a front, top, and right perspective view of a mobile mapping device for vehicle showing the third embodiment of my new design;

FIG. 16 is a front view thereof;

FIG. 17 is a rear view thereof;

FIG. 18 is a left side view thereof;

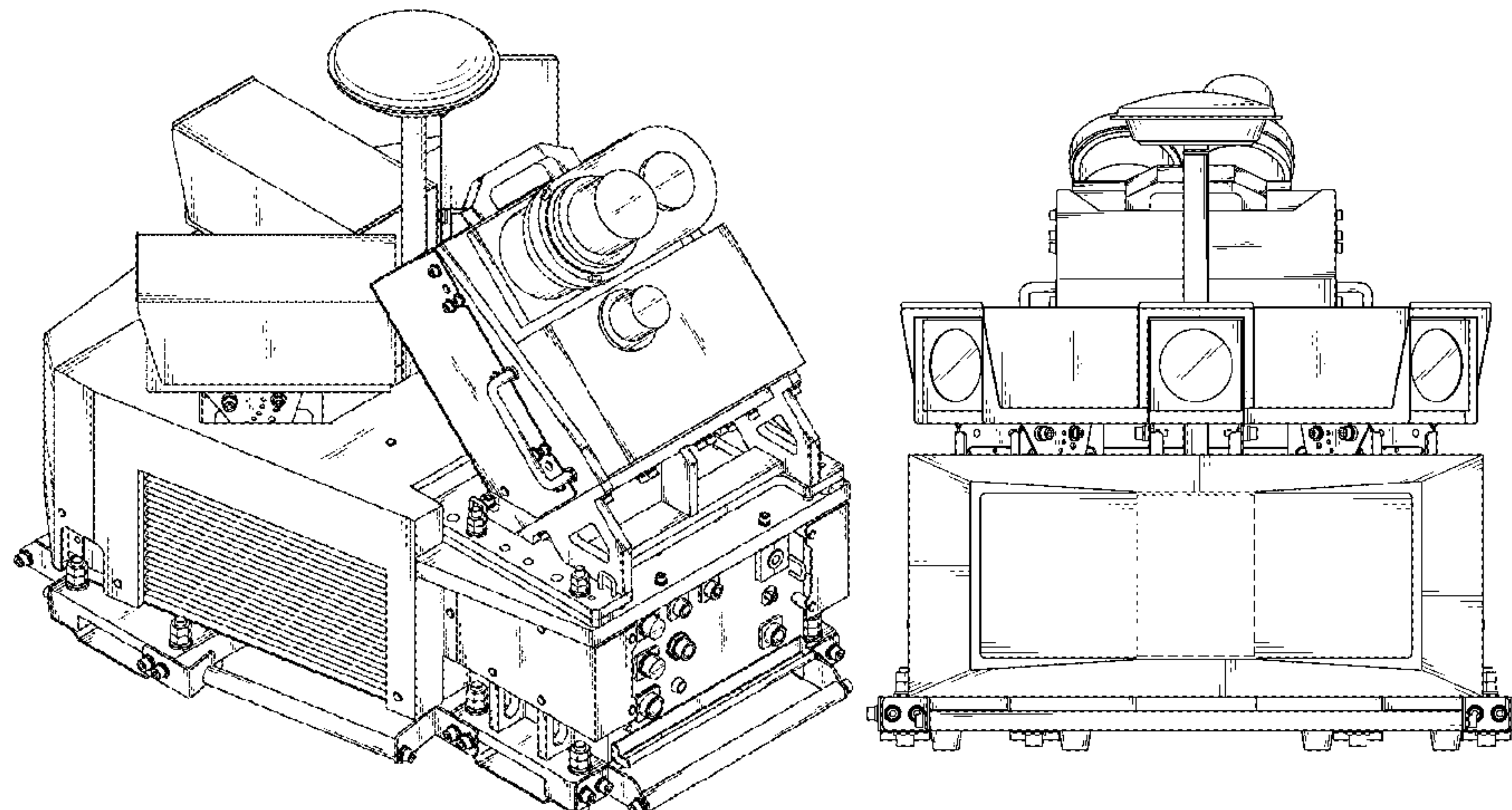
FIG. 19 is a right side view thereof;

FIG. 20 is a top view thereof; and,

FIG. 21 is a bottom view thereof.

The broken lines showing portions of the mobile mapping device for vehicle form no part of the claimed design.

**1 Claim, 21 Drawing Sheets**



(30) **Foreign Application Priority Data**

Jun. 29, 2018 (JP) ..... 2018-014432  
 Jun. 29, 2018 (JP) ..... 2018-014433  
 Jun. 29, 2018 (JP) ..... 2018-014434

(58) **Field of Classification Search**

CPC ..... G08G 1/00; G08G 1/096775; Y02T  
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 B60W 30/12; E01C 19/004; E01C  
 19/006; E01C 19/008; G01B 2210/16;  
 G01B 2210/24; G01B 2210/28; G01B  
 21/16; G01S 15/88

See application file for complete search history.

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FIG. 1

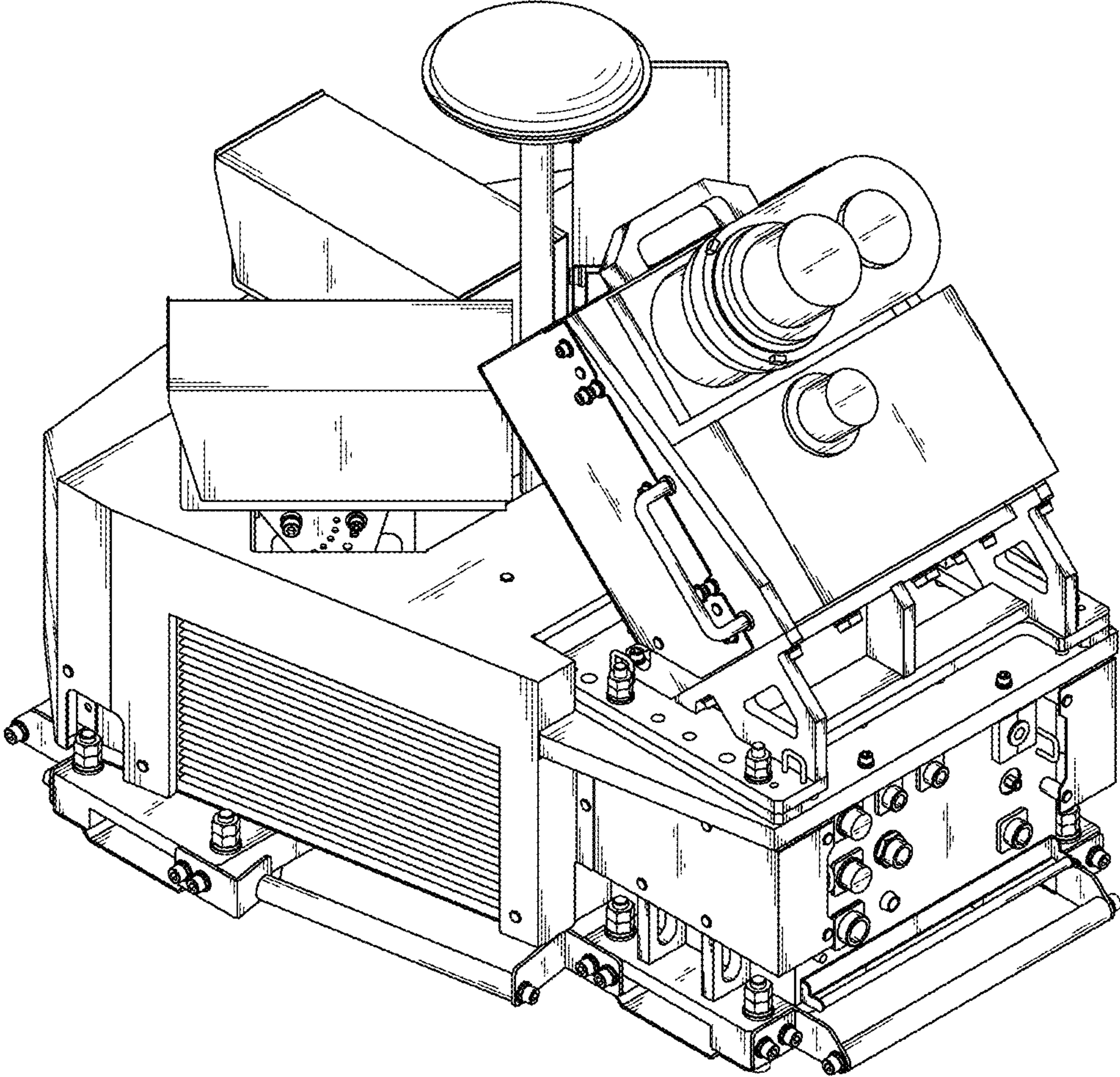


FIG. 2

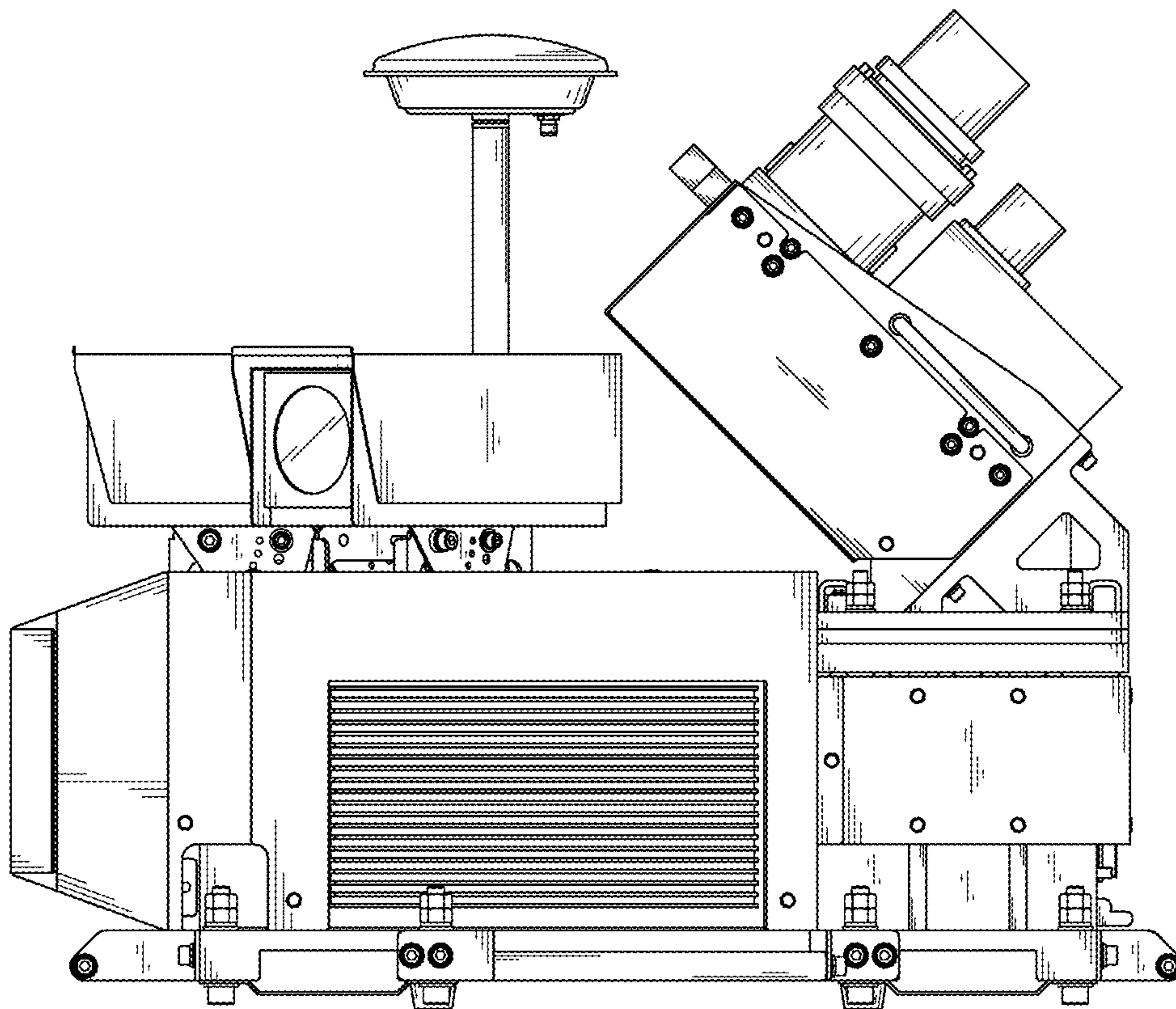


FIG. 3

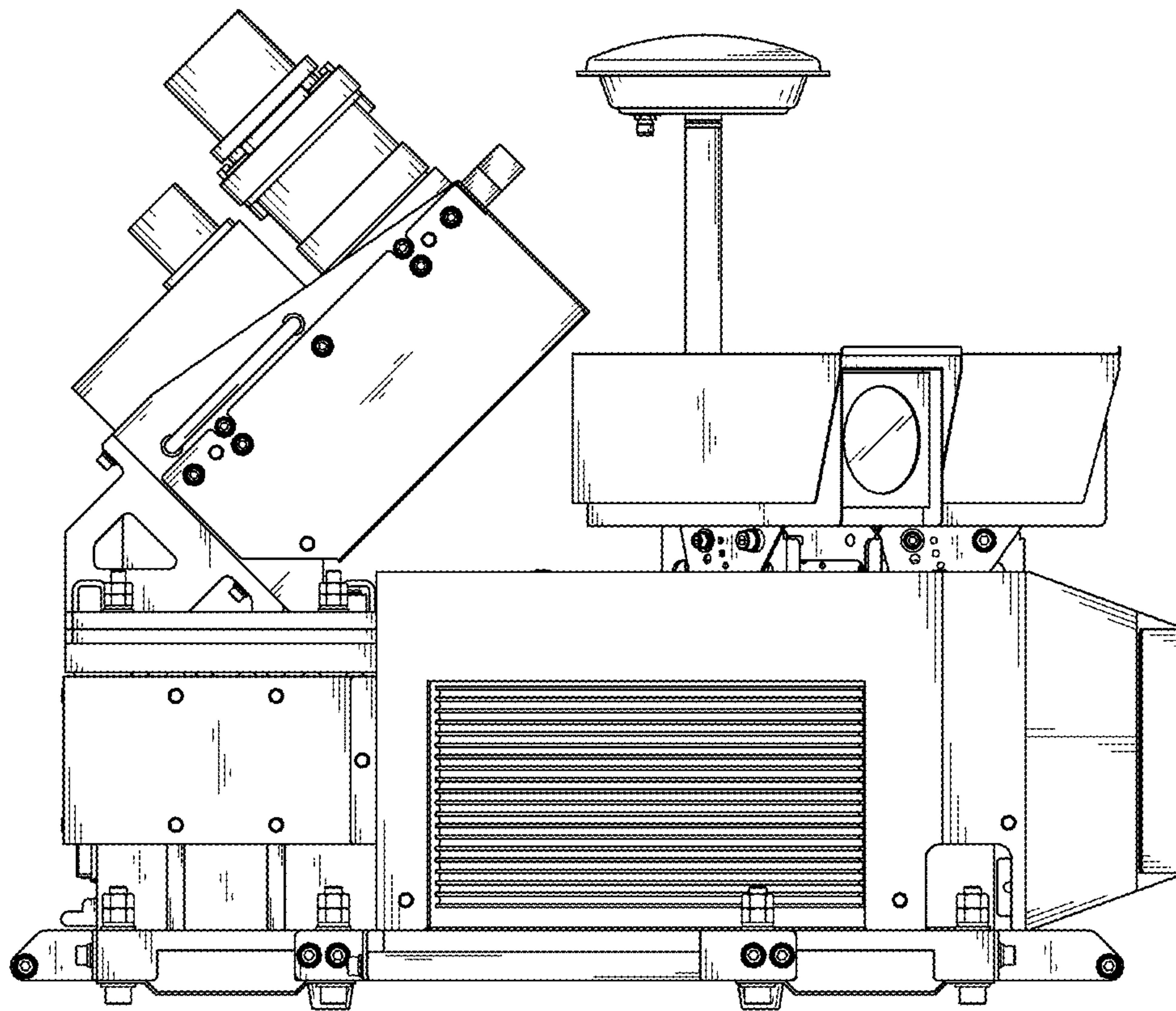


FIG. 4

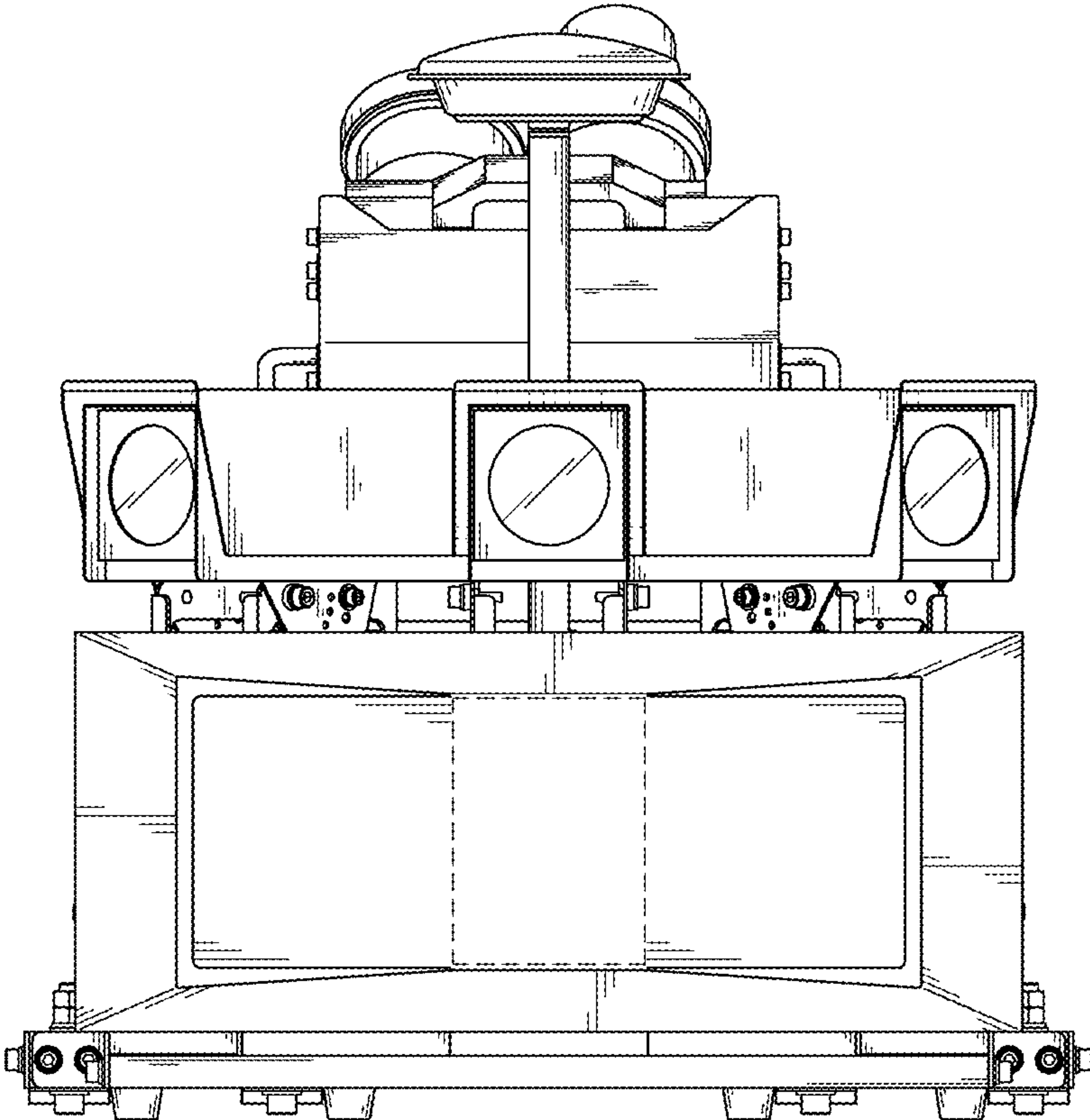




FIG. 5

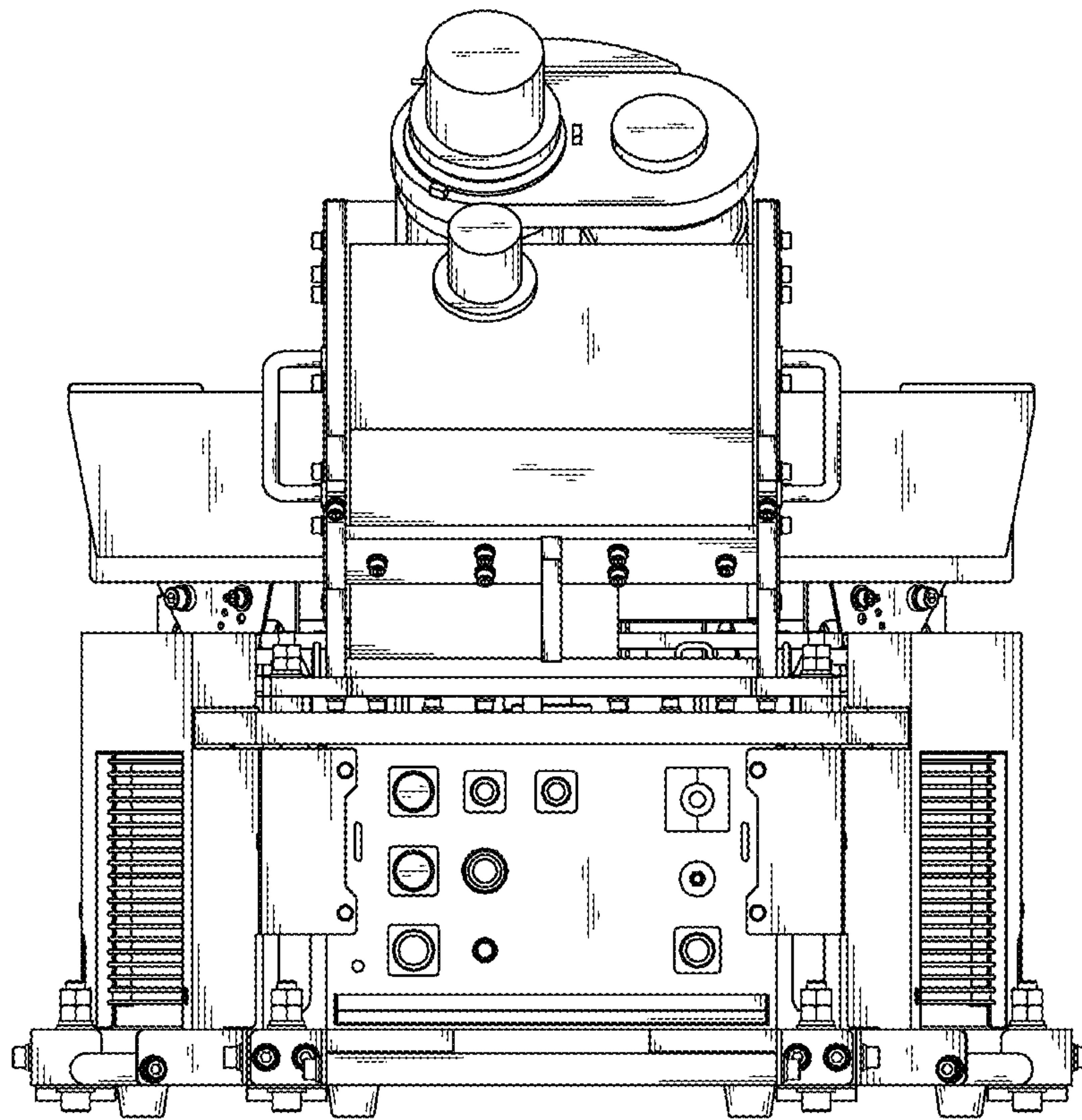


FIG. 6

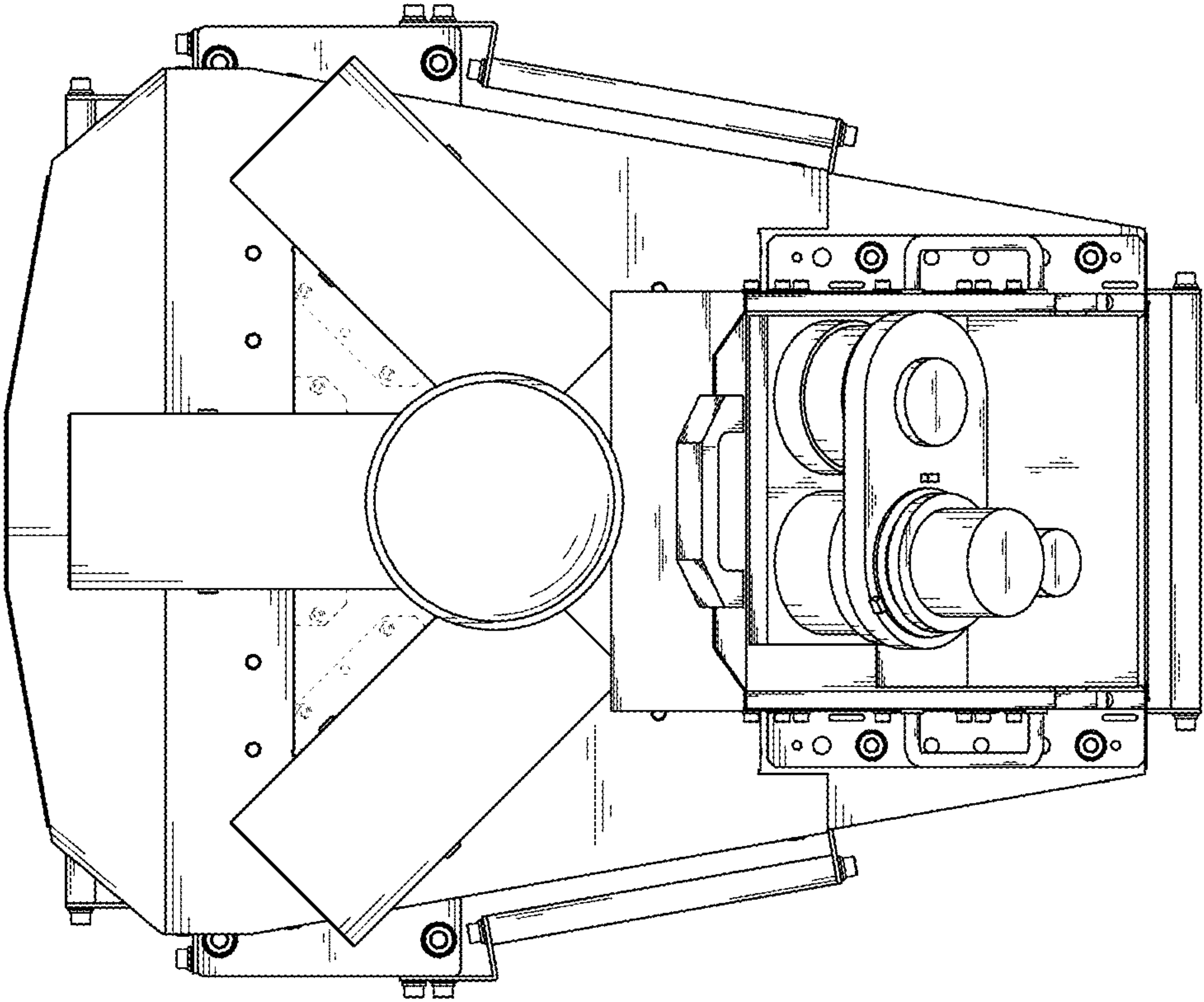




FIG. 7

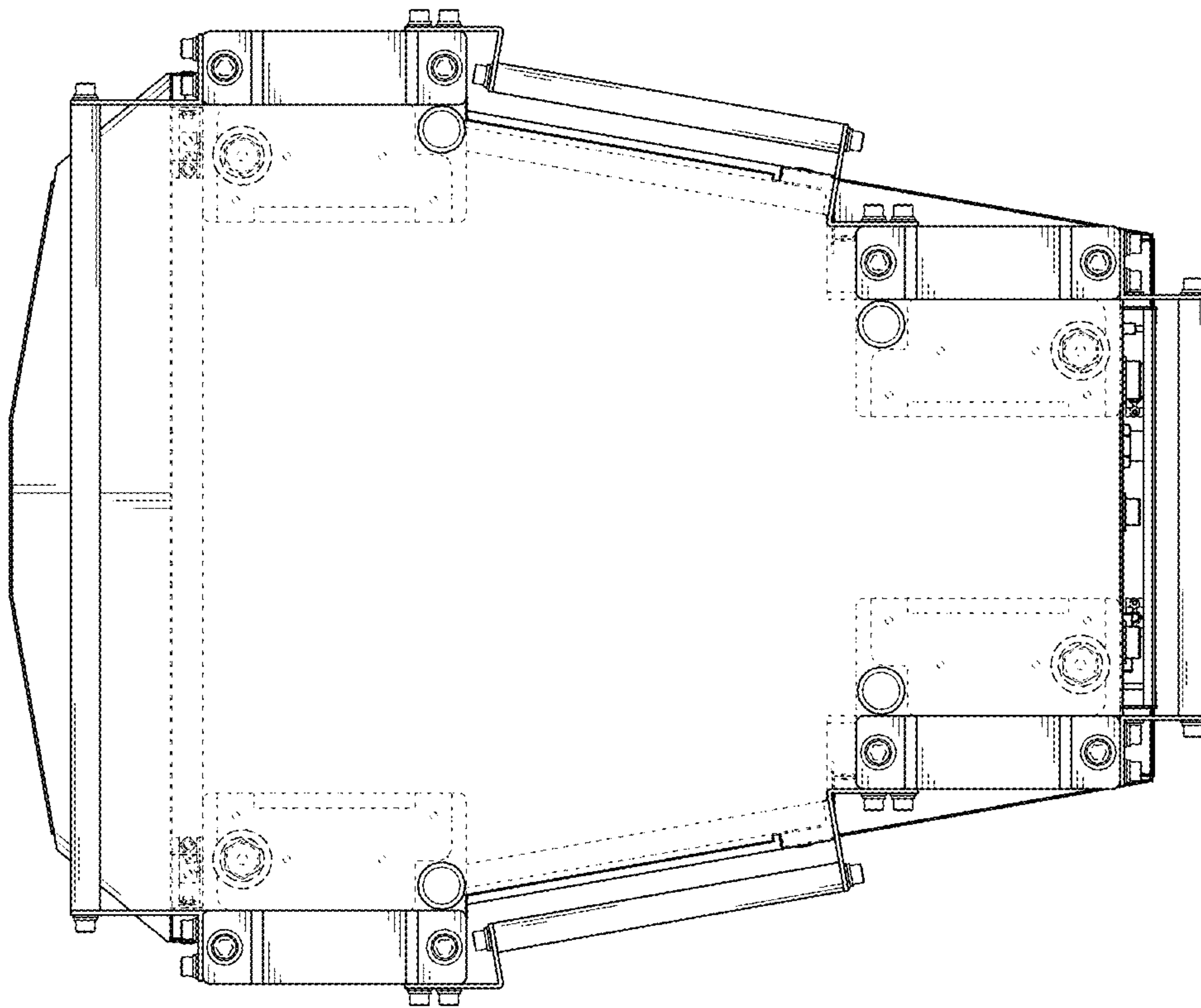


FIG. 8

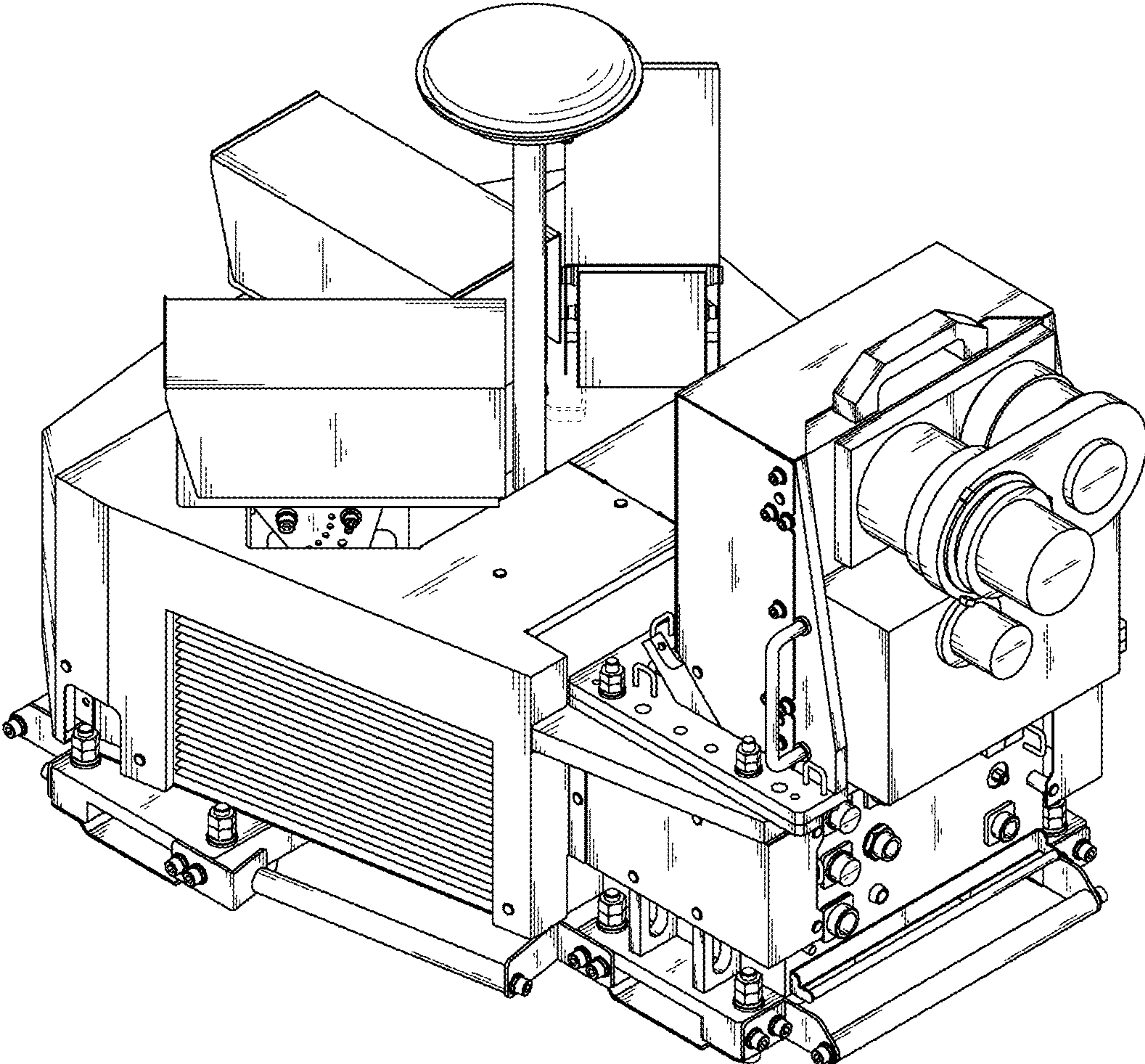


FIG. 9

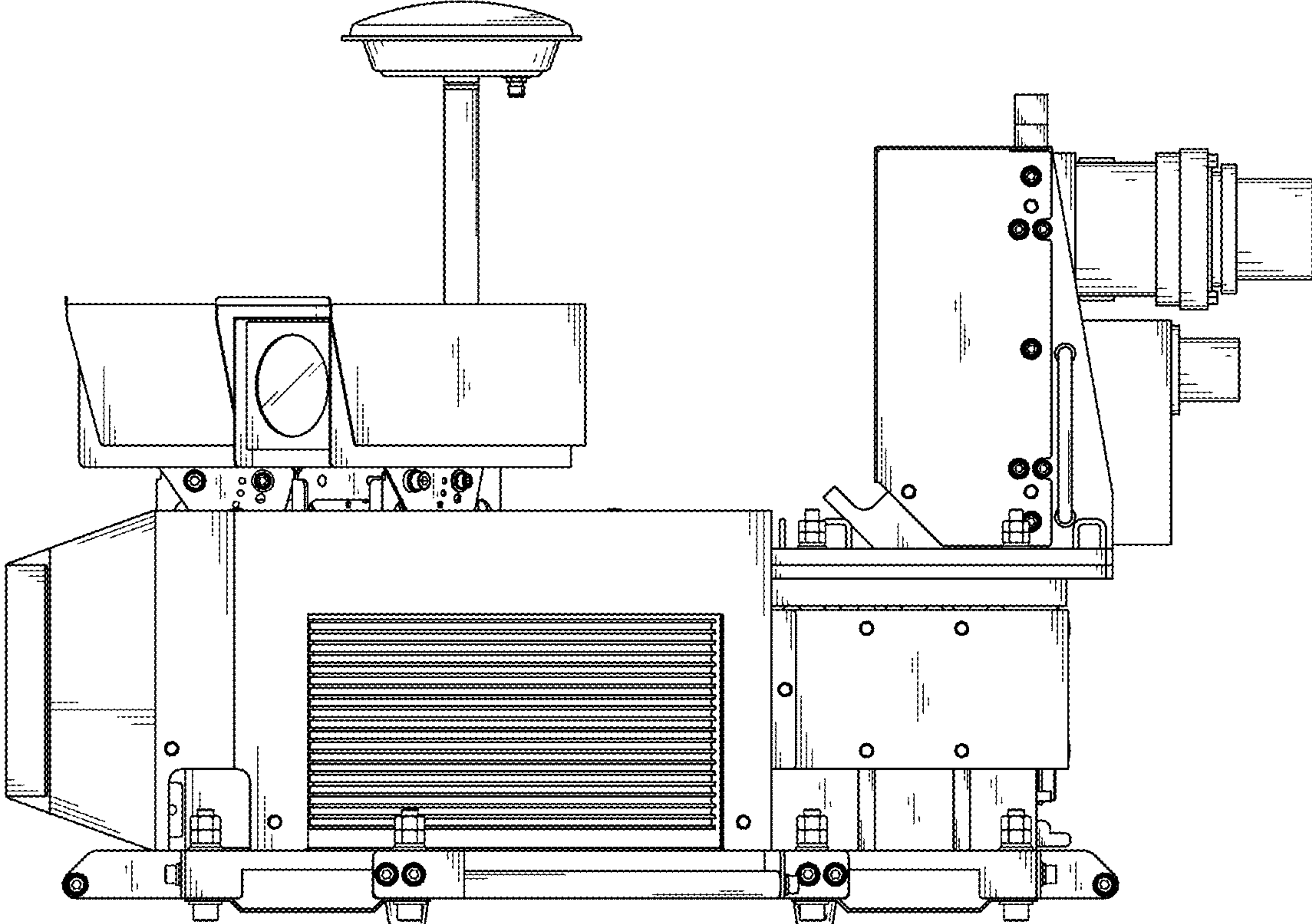




FIG. 10

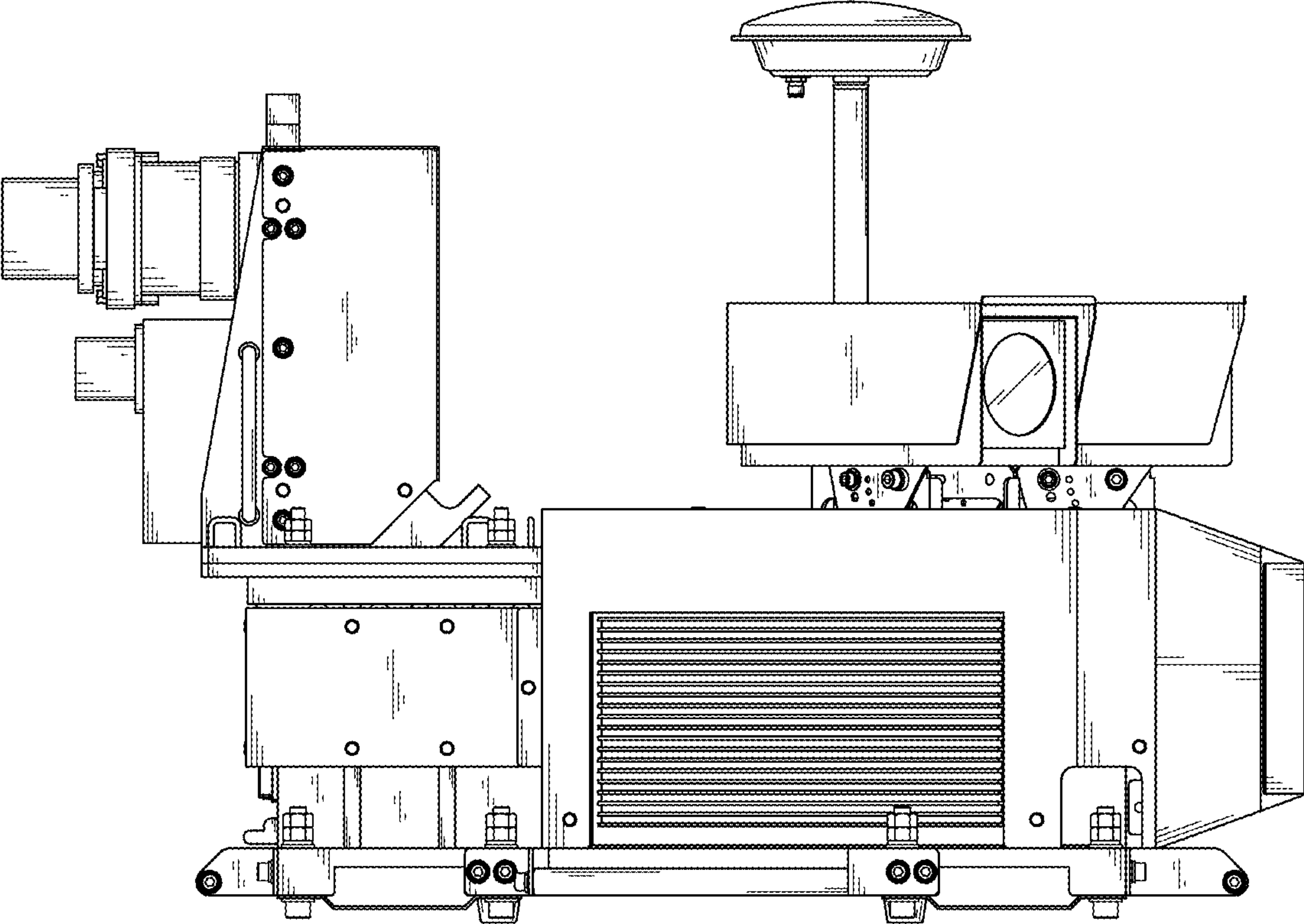


FIG. 11

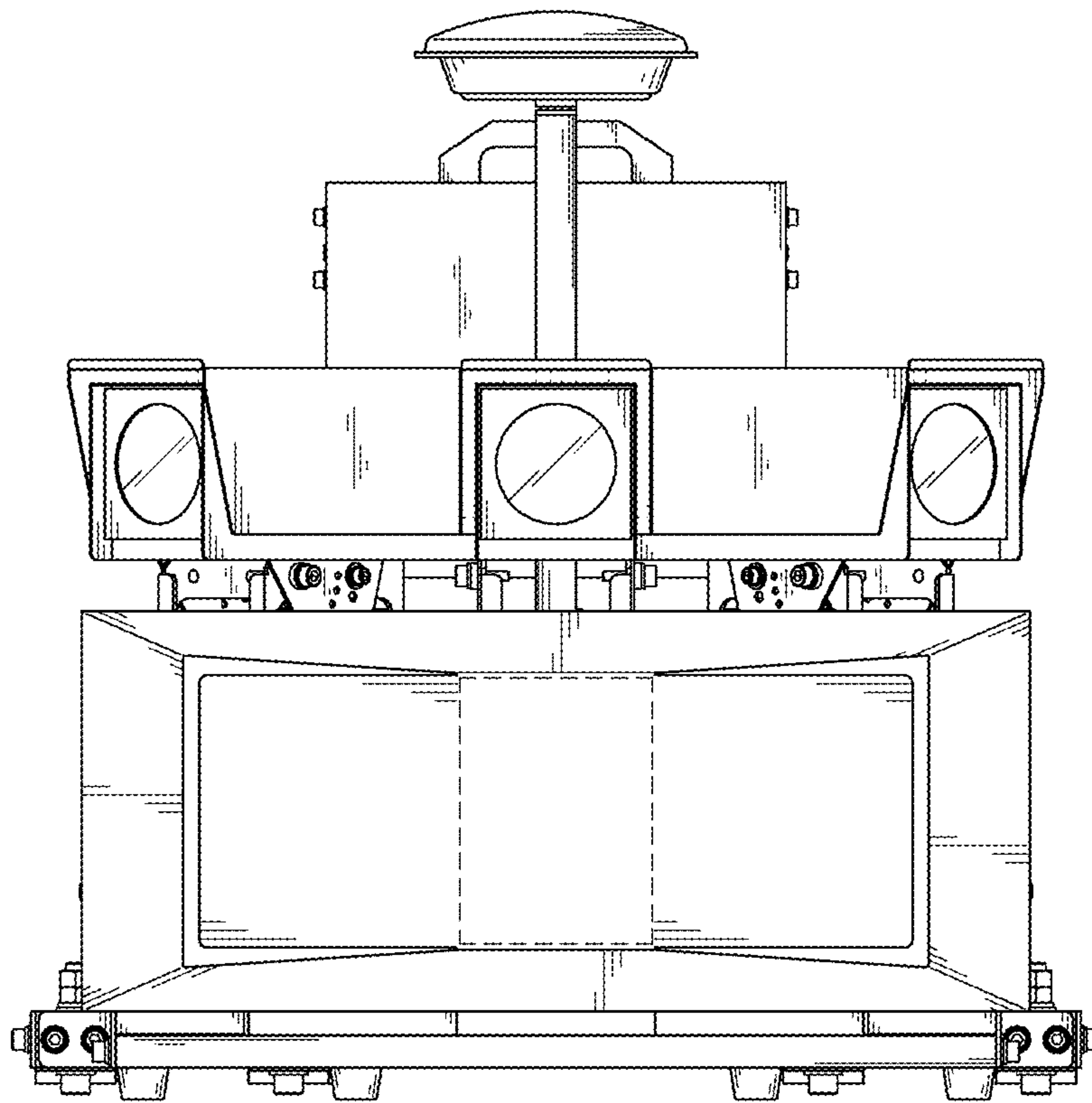


FIG. 12

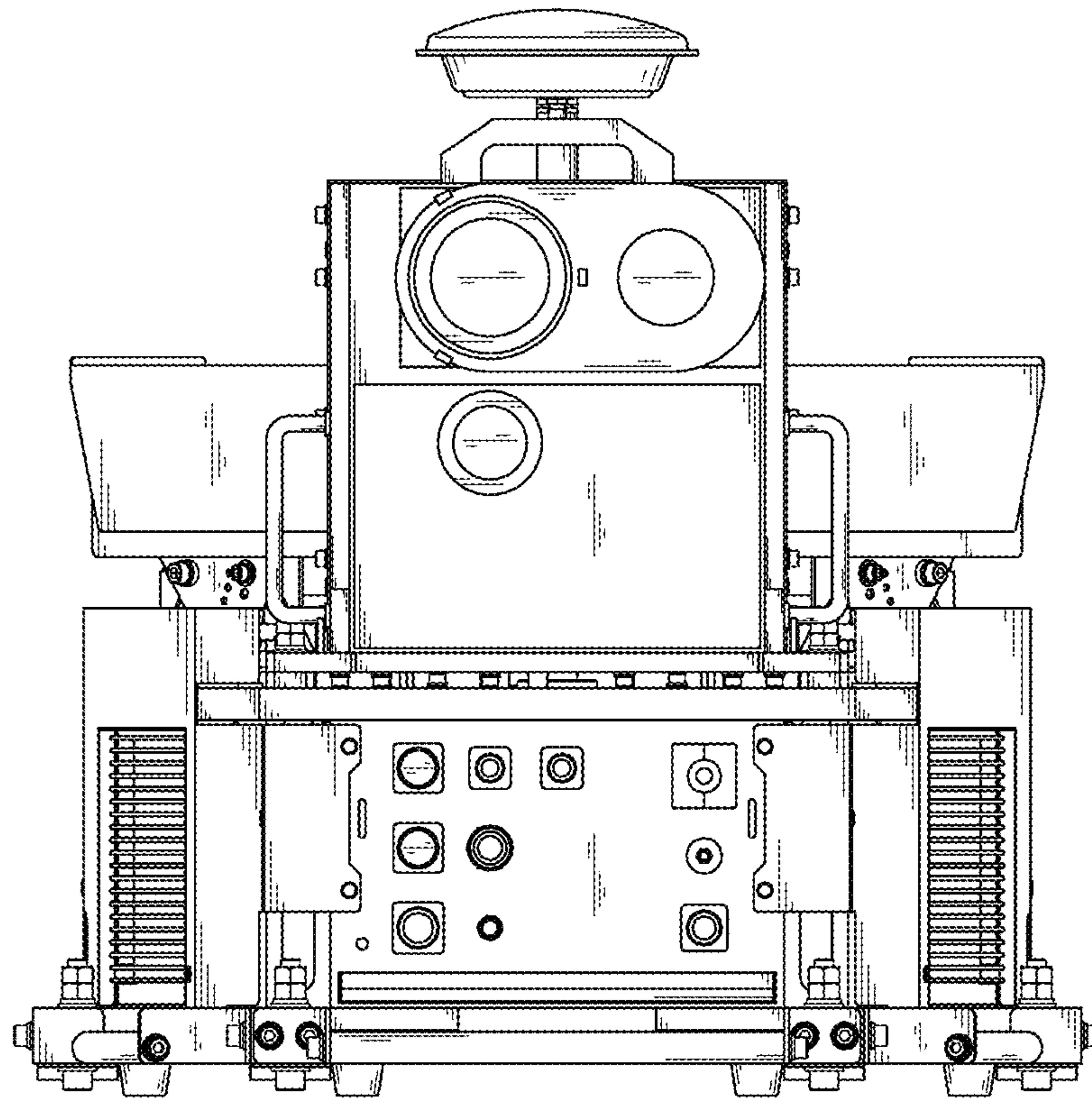




FIG. 13

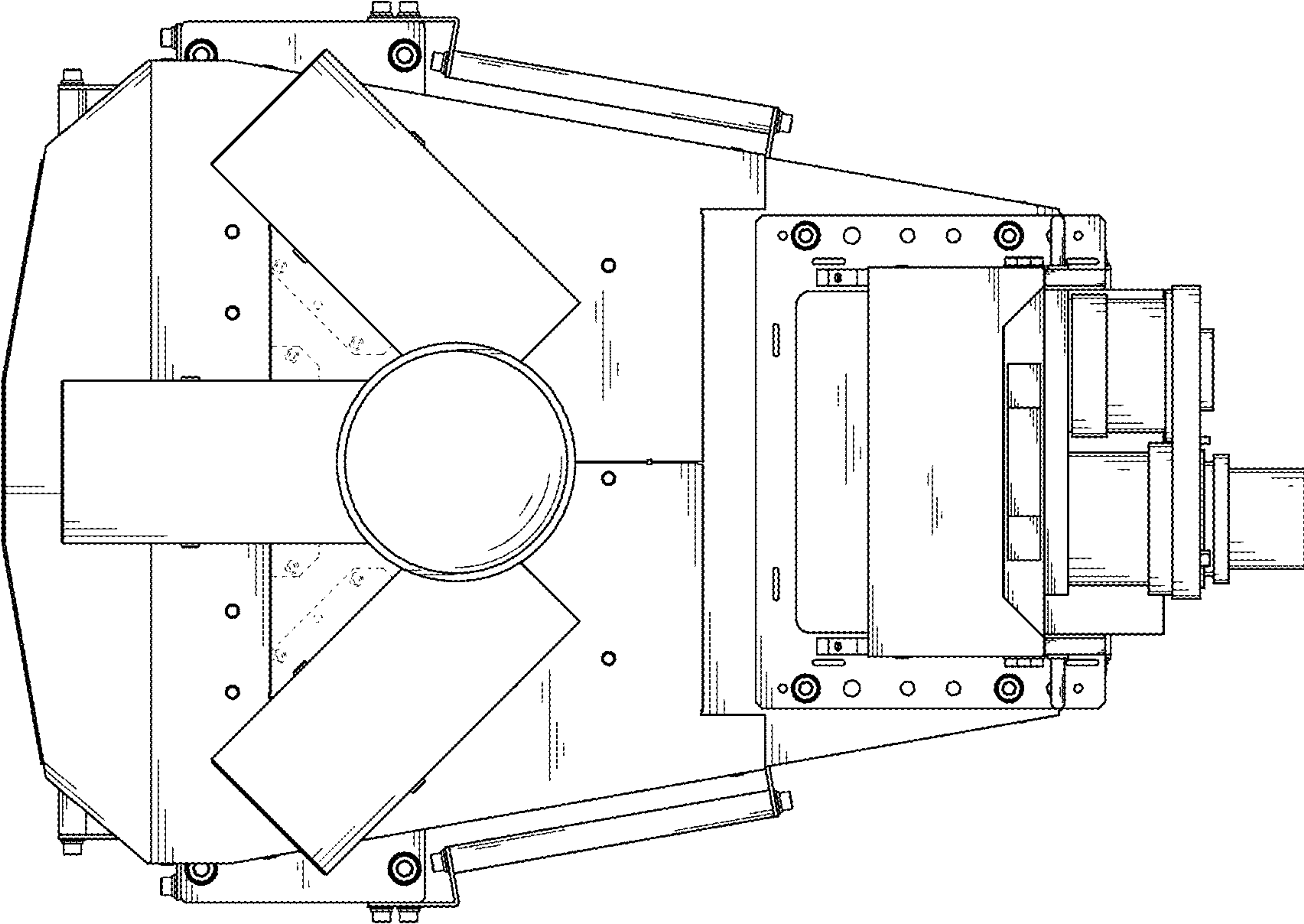


FIG. 14

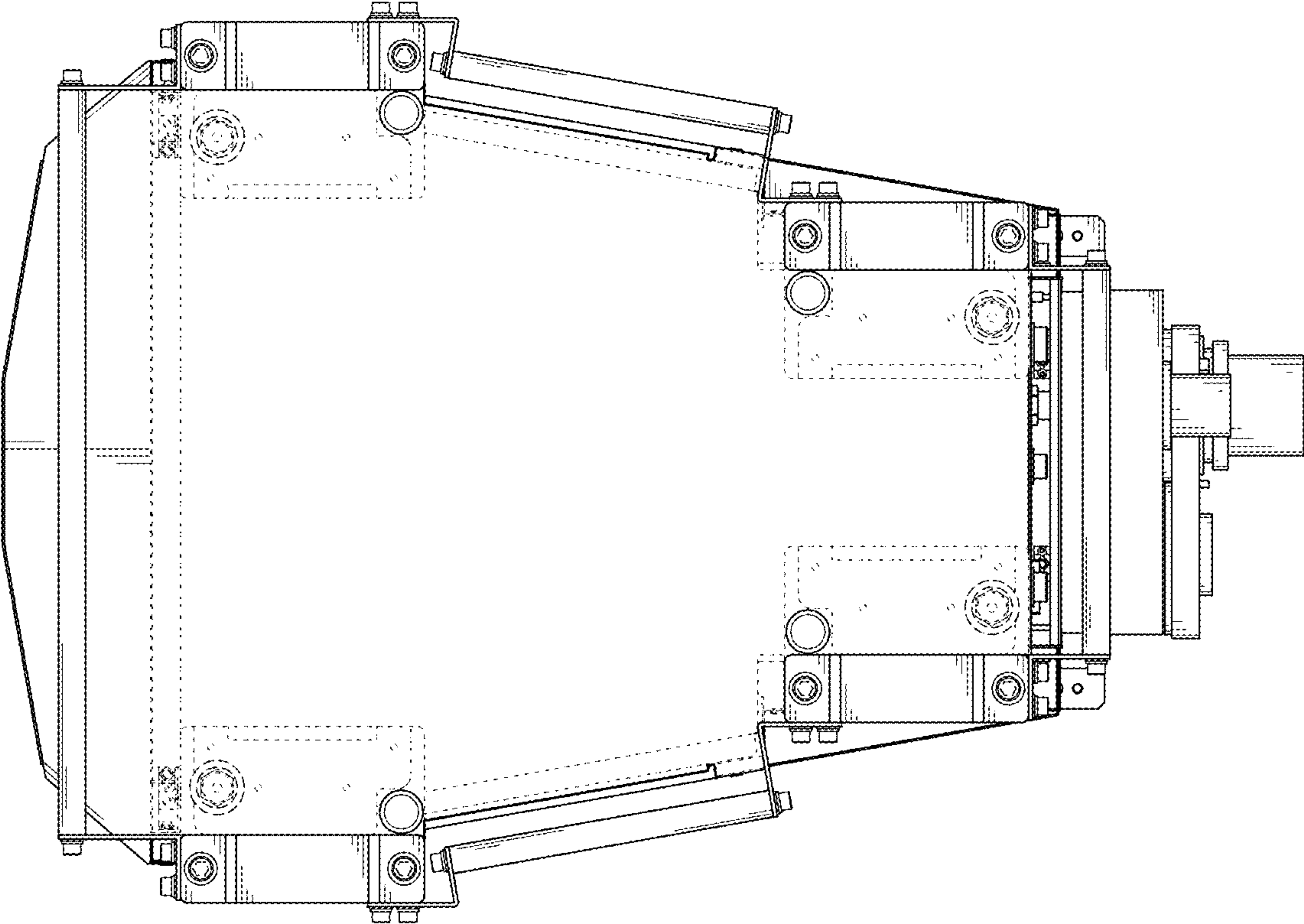


FIG. 15

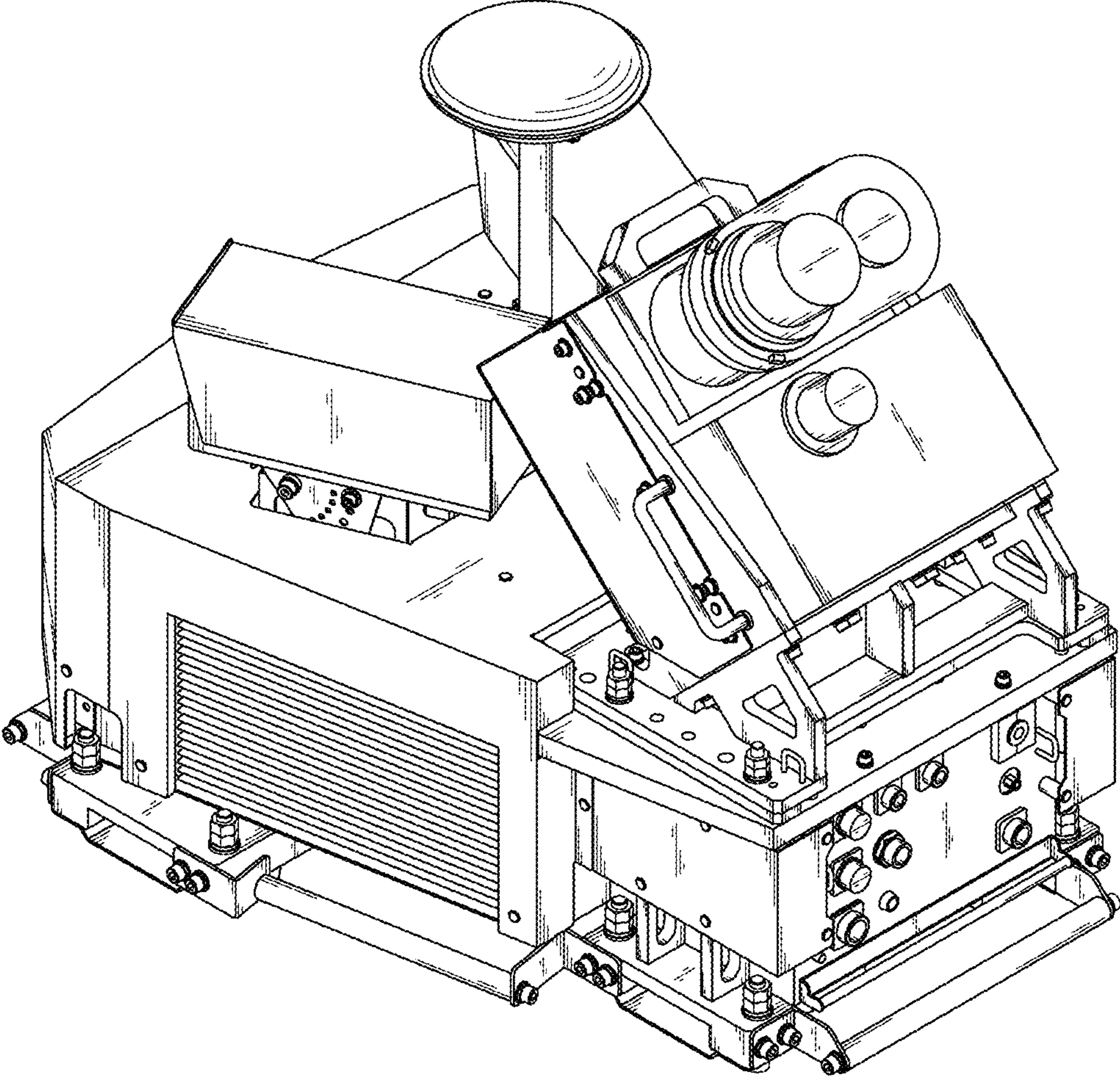




FIG. 16

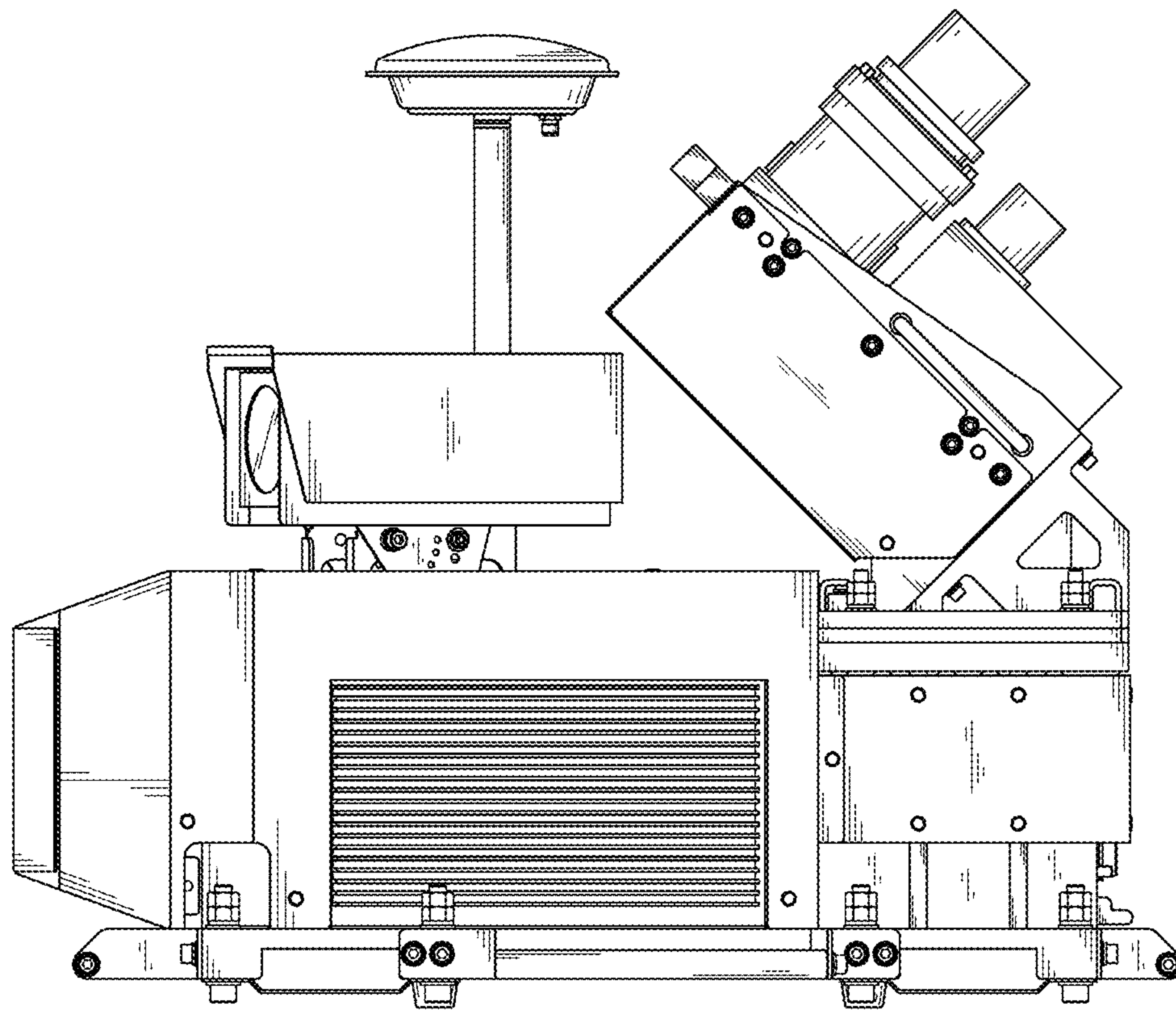


FIG. 17

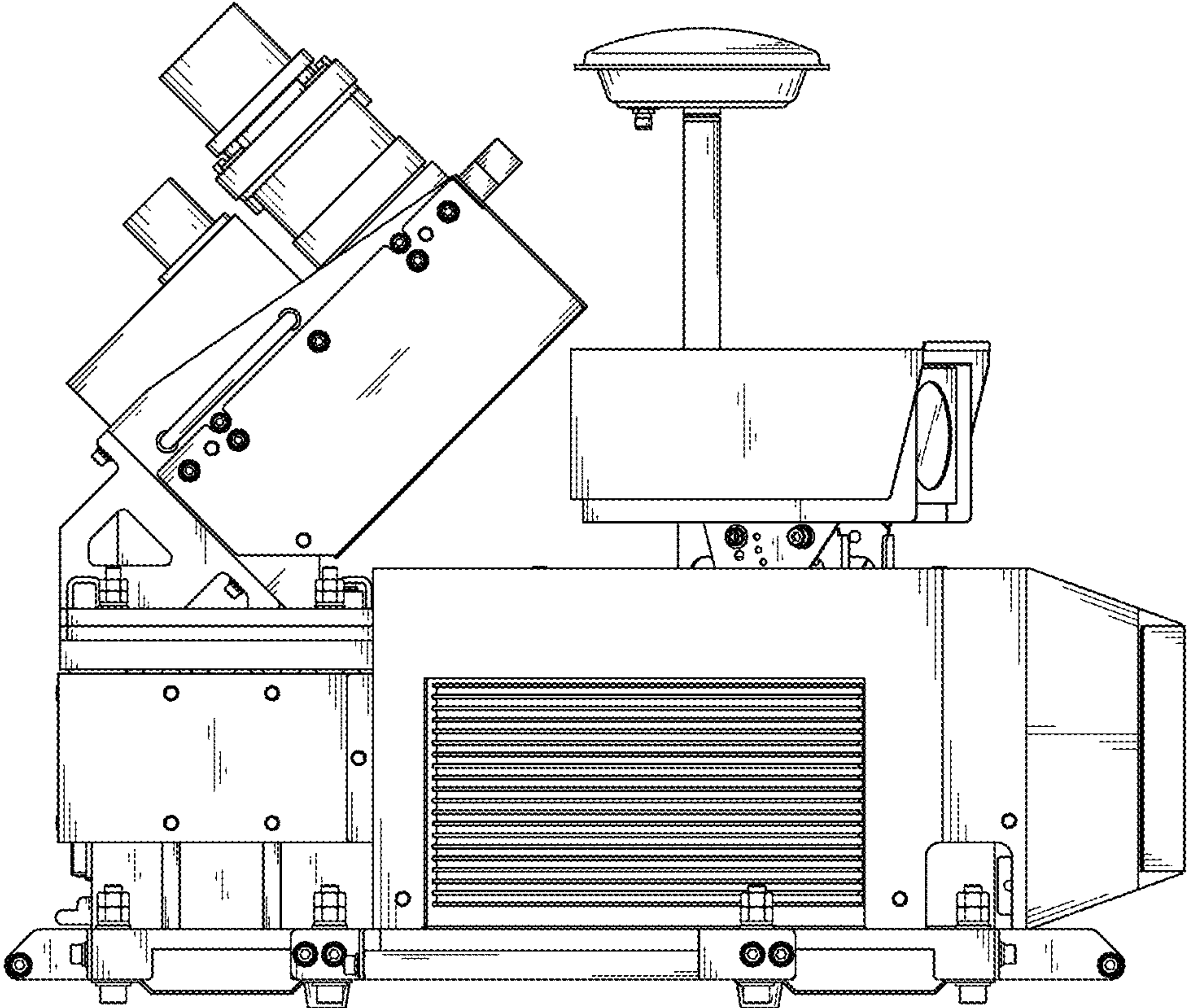


FIG. 18

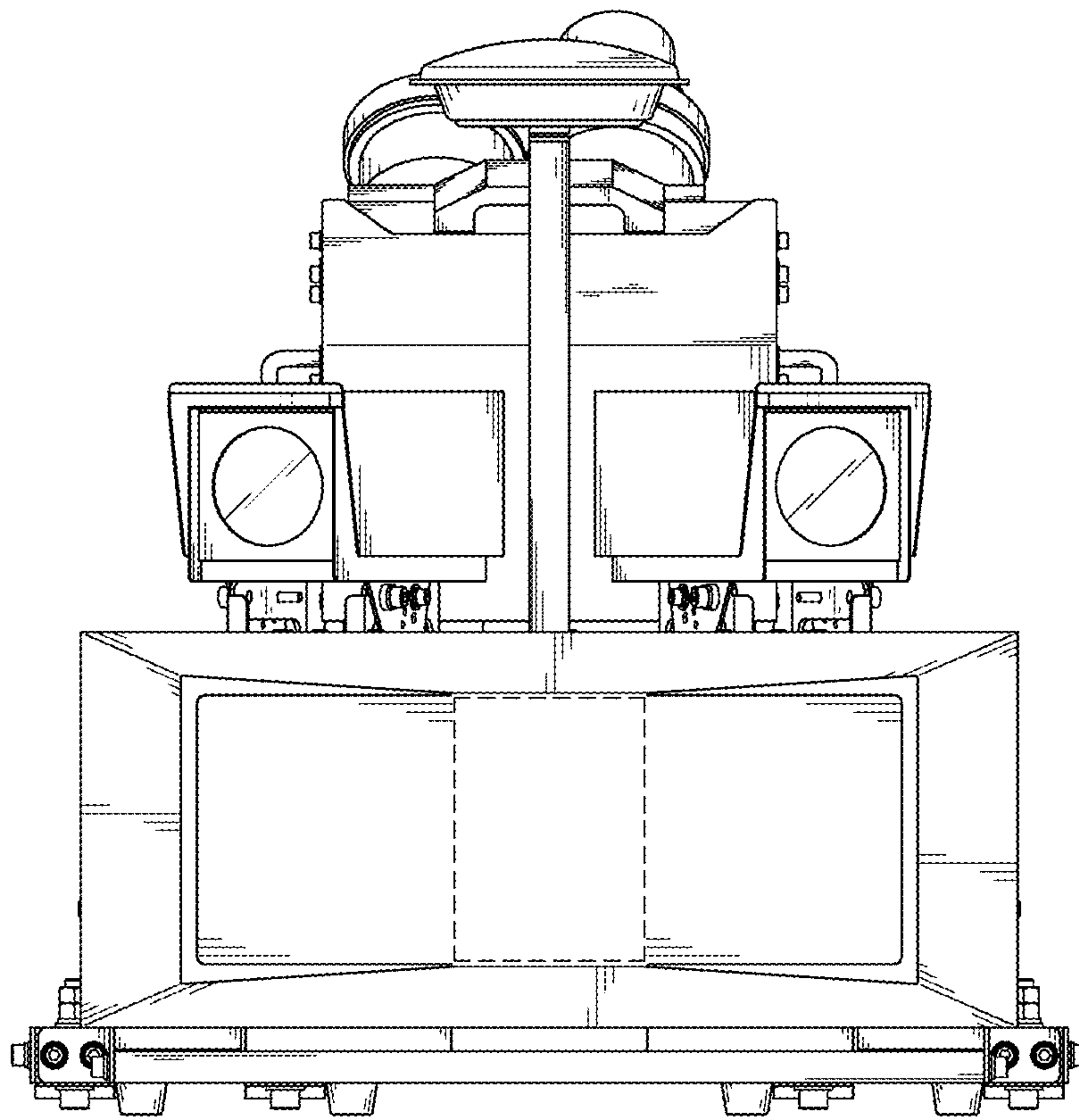




FIG. 19

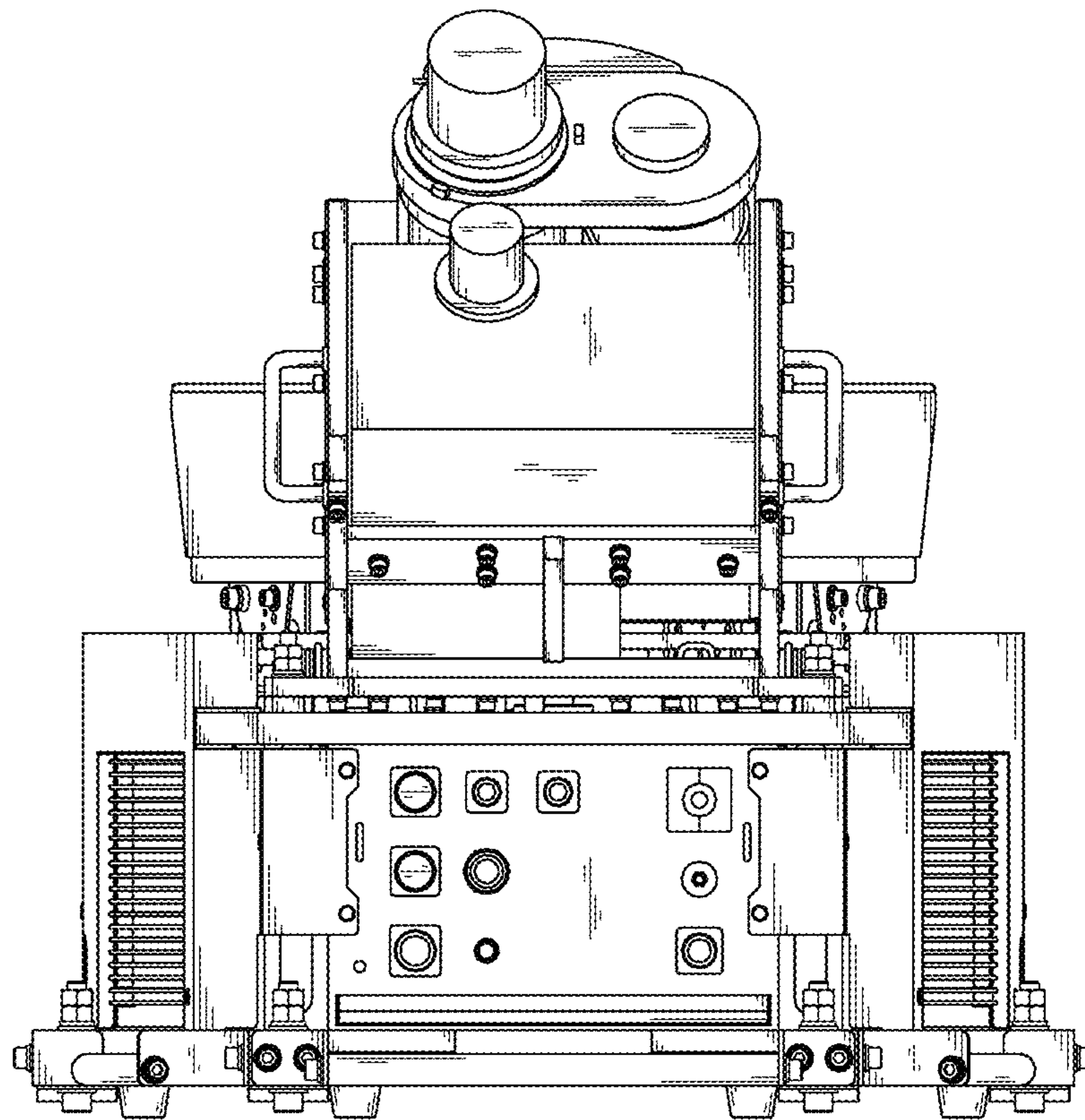


FIG. 20

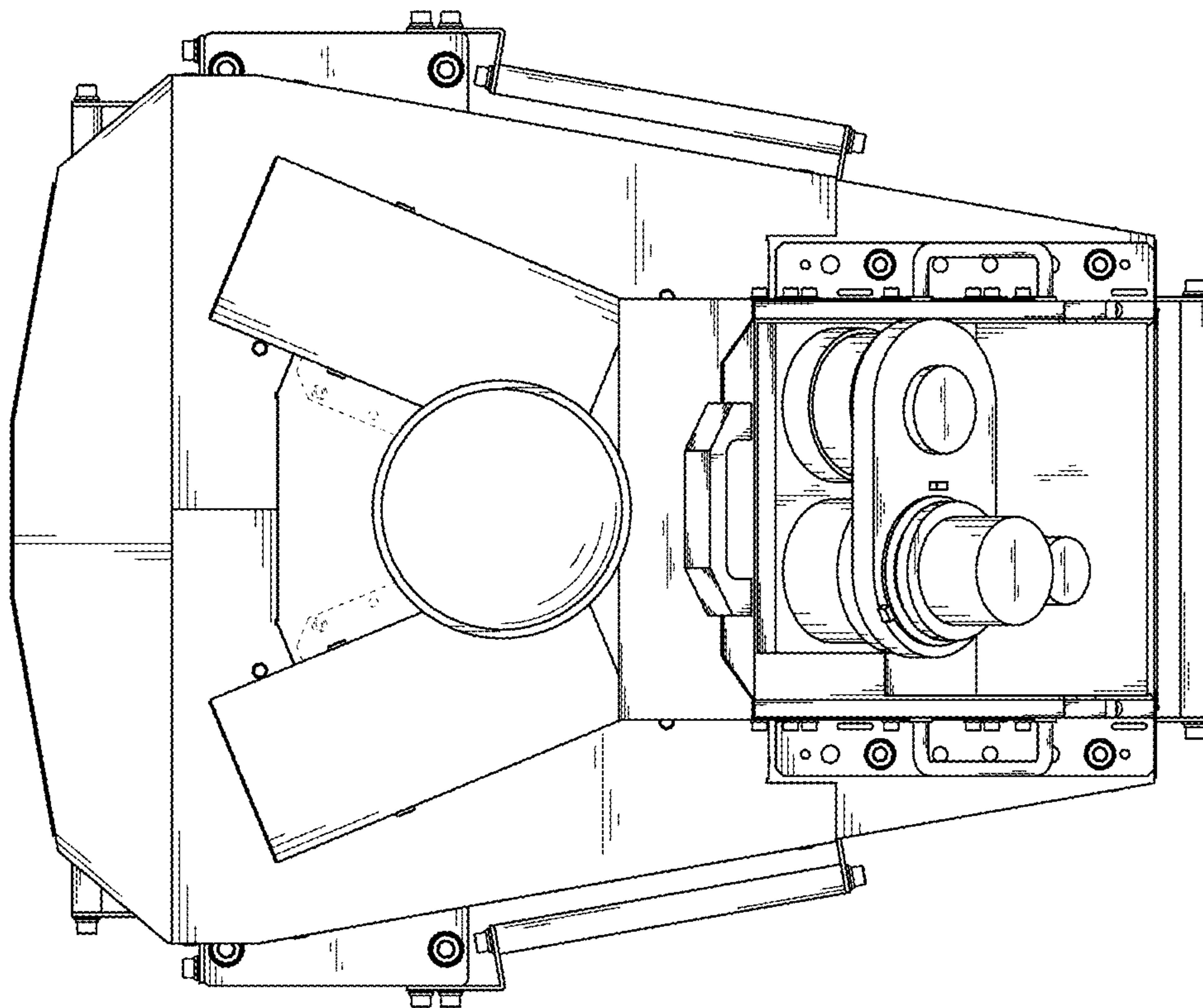


FIG. 21

