



US00D880546S

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

(10) **Patent No.:** **US D880,546 S**

(45) **Date of Patent:** **** Apr. 7, 2020**

(54) **INJECTION MOLDING MACHINE**

(71) Applicant: **ARBURG GMBH + CO KG**, Loßburg (DE)

(72) Inventors: **Juliane Hehl**, Lossburg (DE); **Jürgen Reiner Schmid**, Ammerbuch (DE)

(73) Assignee: **ARBURG GMBH + CO KG**, Lossburg (DE)

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

(21) Appl. No.: **29/601,068**

(22) Filed: **Apr. 18, 2017**

(30) **Foreign Application Priority Data**

Oct. 18, 2016 (DE) 40 2016 101 284

(51) **LOC (12) Cl.** **15-03**

(52) **U.S. Cl.**
USPC **D15/135**

(58) **Field of Classification Search**
USPC D15/122, 135, 136, 137, 138, 141, 142,
D15/199; D12/1, 2, 8; D8/313;
D7/339-341, 348-349, 402-404
(Continued)

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(Continued)

Primary Examiner — Khawaja Anwar

(74) *Attorney, Agent, or Firm* — Cantor Colburn LLP

(57) **CLAIM**

We claim, the ornamental design for an injection molding machine, as shown and described.

DESCRIPTION

The file of this patent contains at least one drawing/photograph executed in color. Copies of this patent with color

drawing(s)/photograph(s) will be provided by the Office upon request and payment of the necessary fee.

FIG. 1 is a perspective view of an injection molding machine, showing my new design;

FIG. 2 is another perspective view thereof;

FIG. 3 is another perspective view thereof;

FIG. 4 is a front view thereof;

FIG. 5 is a top view thereof;

FIG. 6 is a rear thereof;

FIG. 7 is a side view thereof, the opposite side being a mirror image thereof;

FIG. 8 is a perspective view of another embodiment thereof;

FIG. 9 is another perspective view thereof;

FIG. 10 is another perspective view thereof;

FIG. 11 is a front view thereof;

FIG. 12 is a top view thereof;

FIG. 13 is a rear thereof;

FIG. 14 is a side view thereof, the opposite side being a mirror image thereof;

FIG. 15 is a perspective view of another embodiment thereof;

FIG. 16 is another perspective view thereof;

FIG. 17 is another perspective view thereof;

FIG. 18 is a side view thereof, the opposite side being a mirror image thereof;

FIG. 19 is a rear thereof;

FIG. 20 is a top view thereof;

FIG. 21 is front view thereof;

FIG. 22 is a perspective view of another embodiment thereof;

FIG. 23 is another perspective view thereof;

FIG. 24 is another perspective view thereof;

FIG. 25 is a side view thereof, the opposite side being a mirror image thereof;

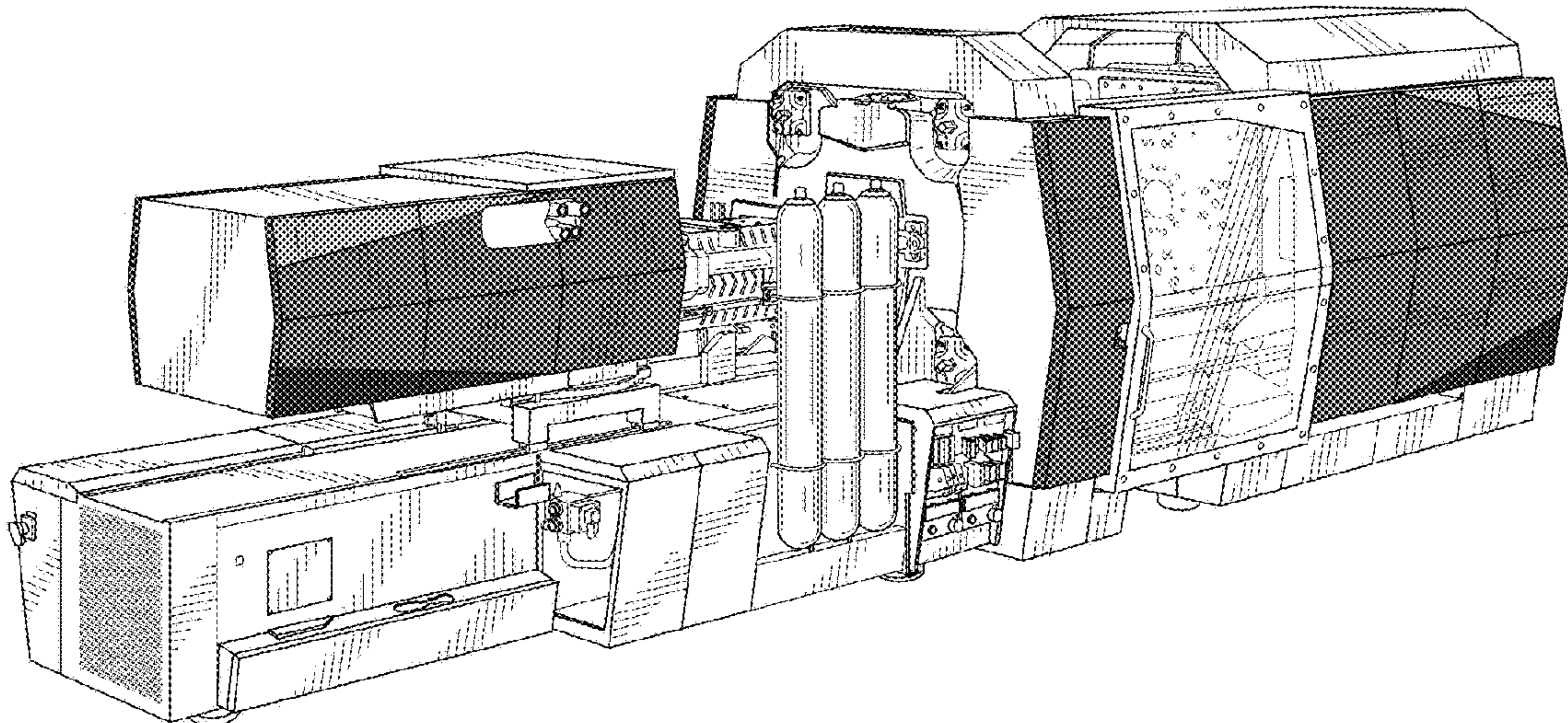
FIG. 26 is a rear thereof;

FIG. 27 is a top view thereof; and,

FIG. 28 is front view thereof.

Portions shown in broken lines form no part of the claimed design.

1 Claim, 28 Drawing Sheets
(14 of 28 Drawing Sheet(s) Filed in Color)



(58) **Field of Classification Search**

CPC B29C 45/0001; B29C 2043/3427; B29C
2043/349; B29C 2045/0006; B29C
2045/0043; B29C 2045/0049; B29C
2045/14803; B29C 2945/76444; B29C
43/24; B29C 45/0005; B29C 45/0025;
B29C 45/006; B29C 45/14311; B29C
45/14778; B29C 45/1481; B29C
45/14819; B29C 45/1657; B29C 45/1671;
B29C 45/1761; B29C 45/2708; B29C
445/40; B29C 45/401; B29C 45/42; B29C
45/84; B29C 47/0004; B29C 47/0021

See application file for complete search history.

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* cited by examiner

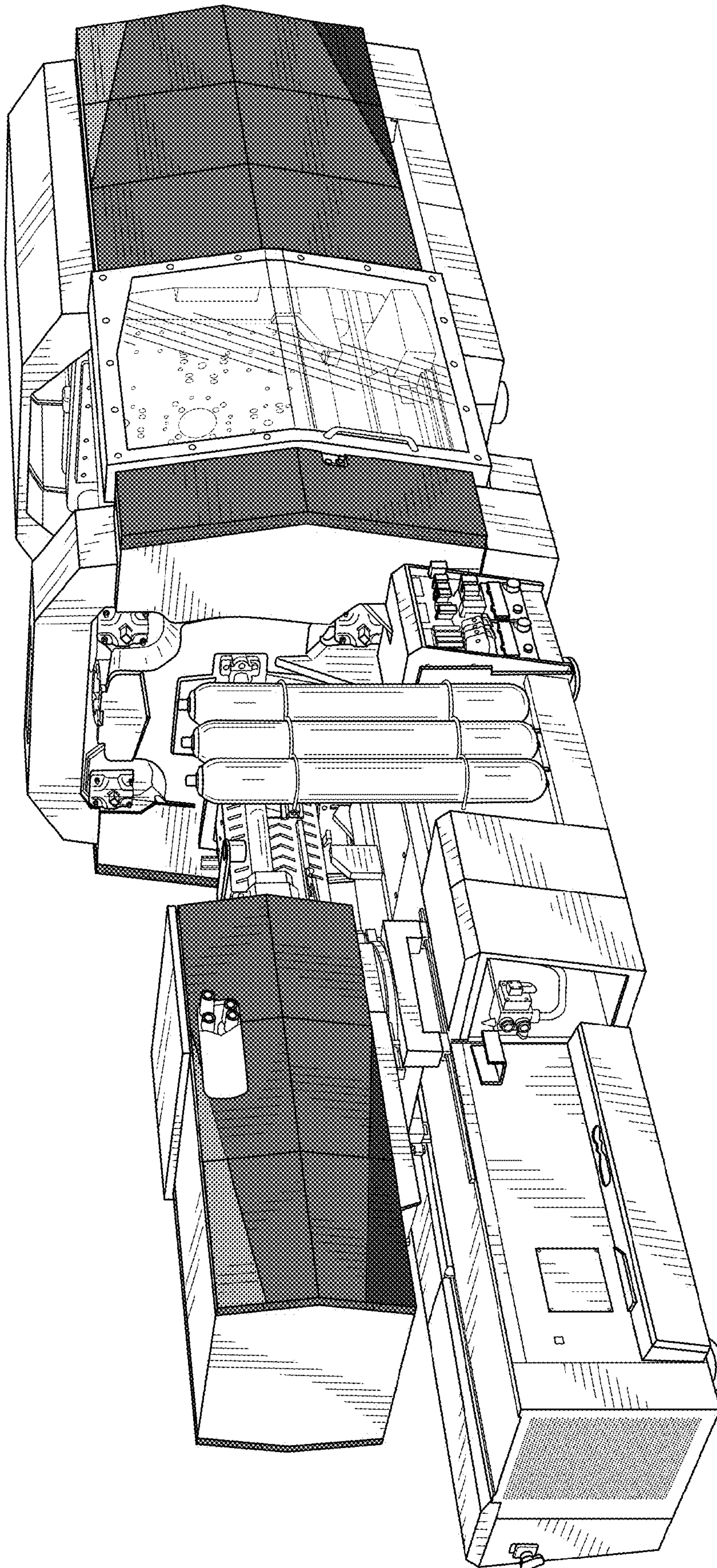


FIG. 1

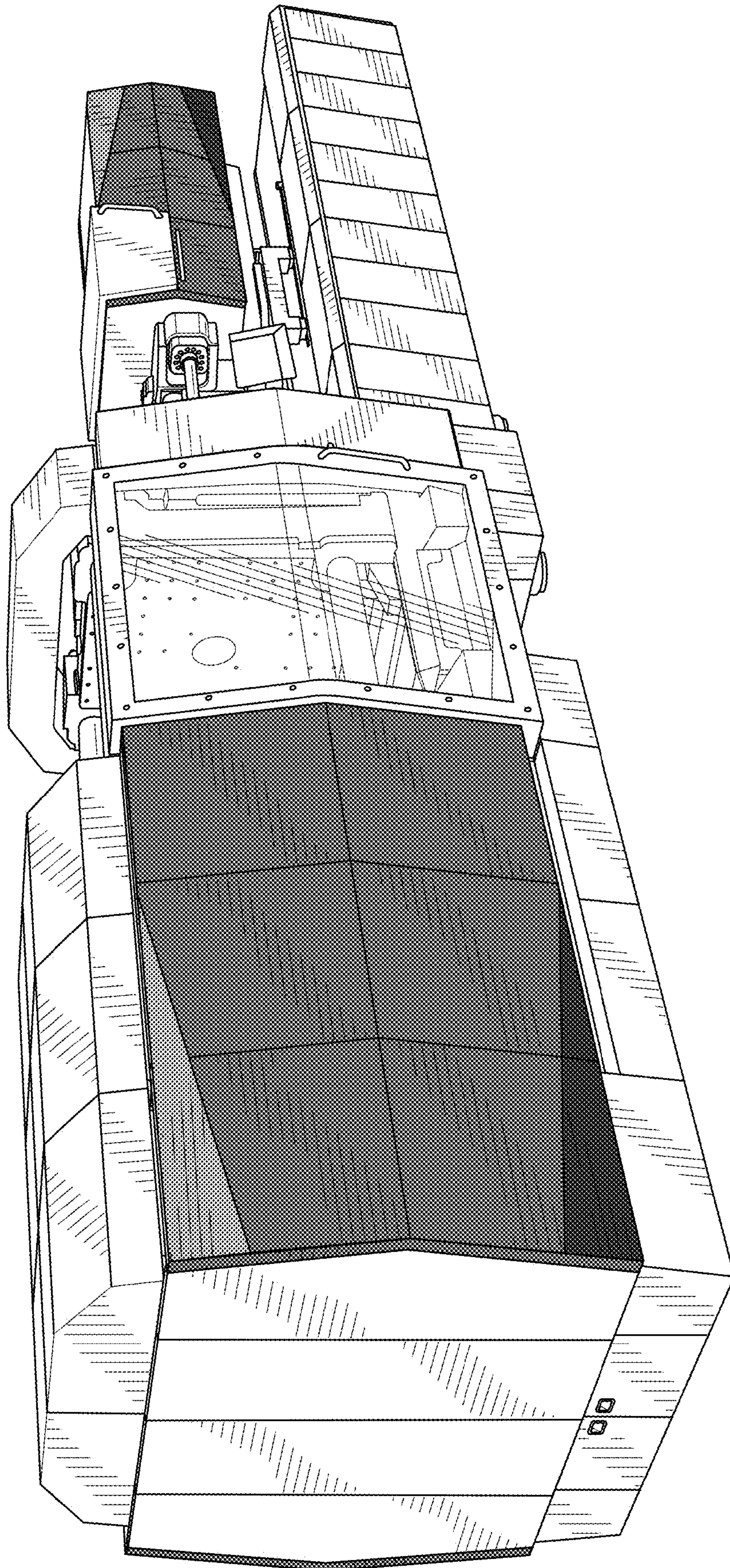


FIG. 2

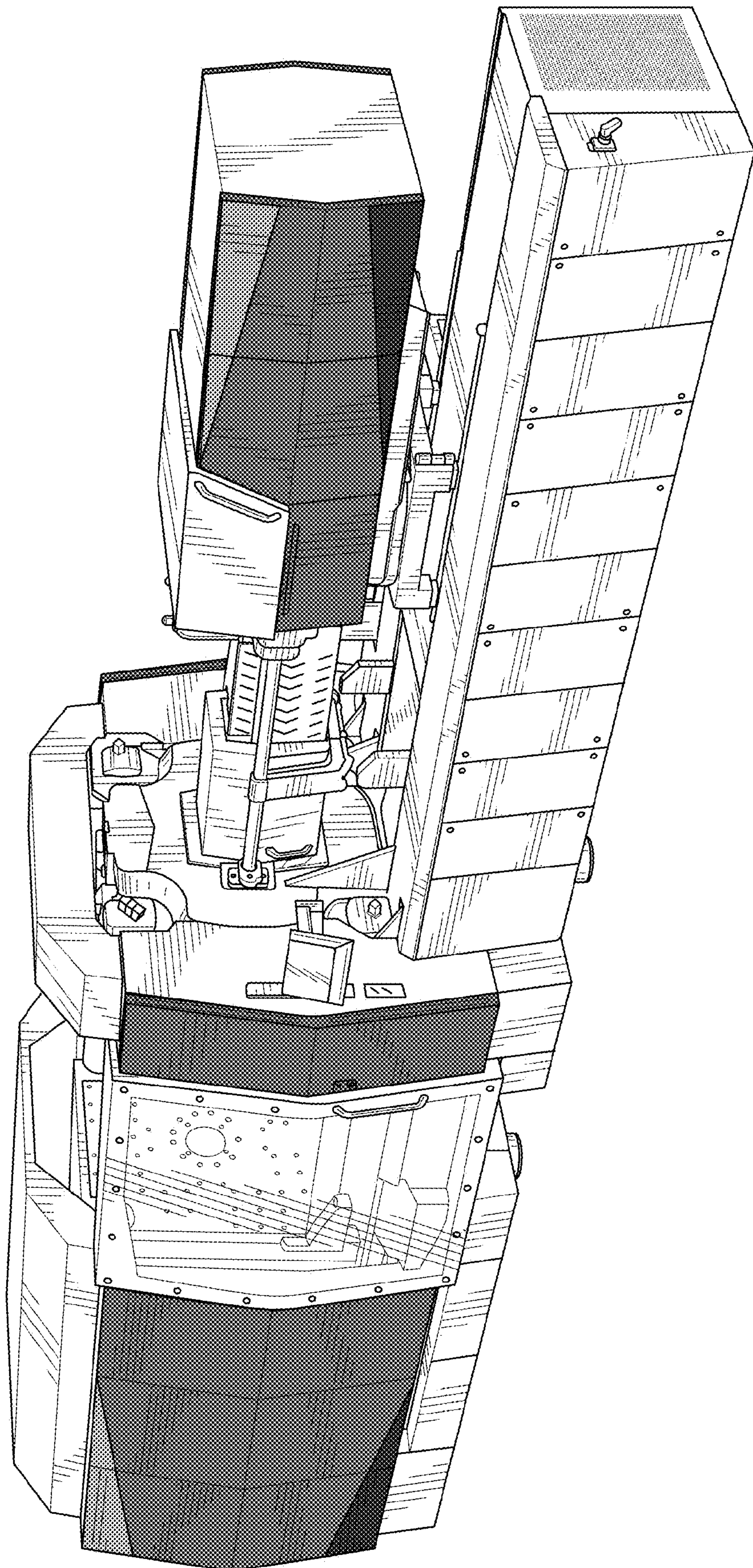


FIG. 3

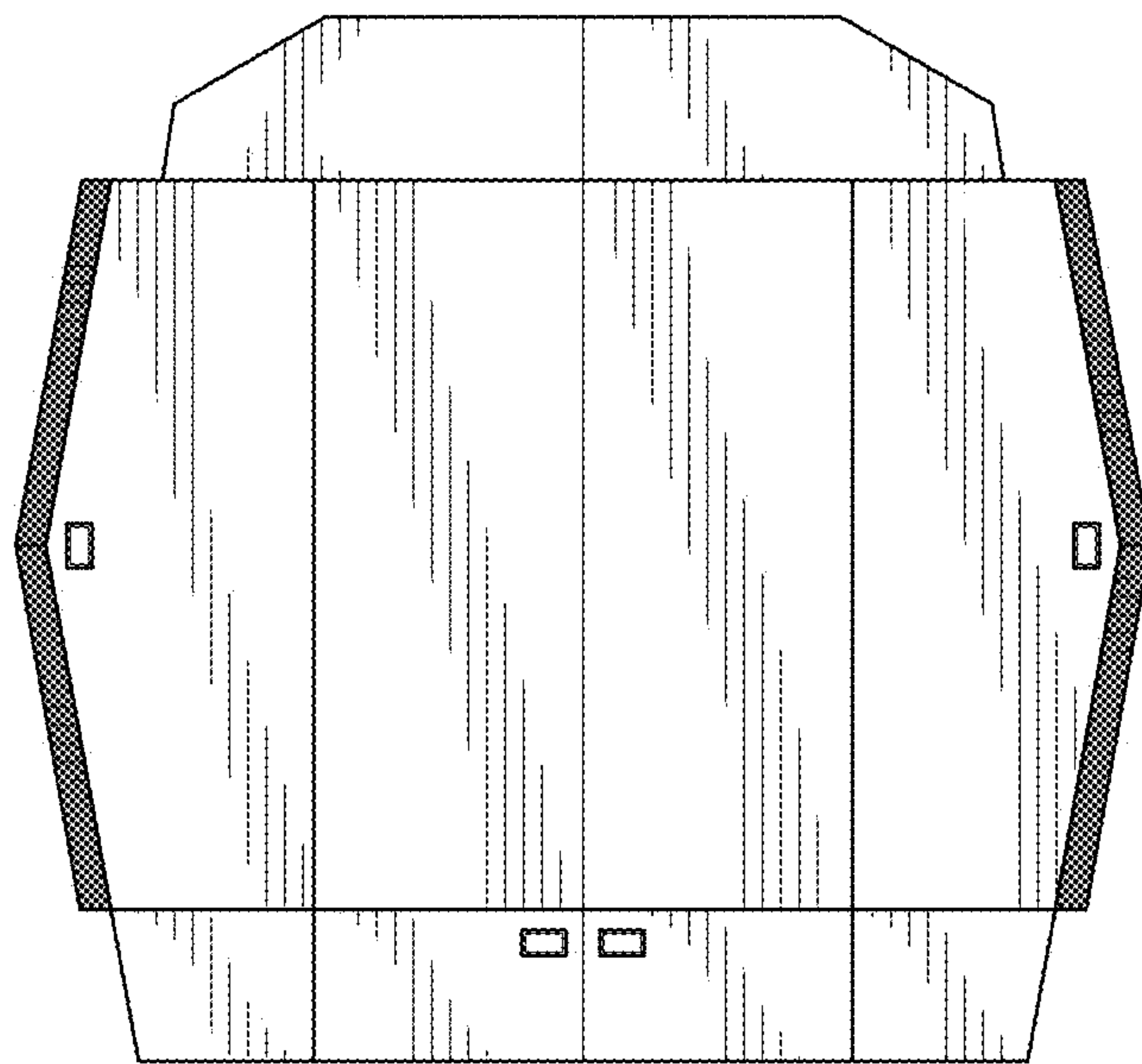


FIG. 4

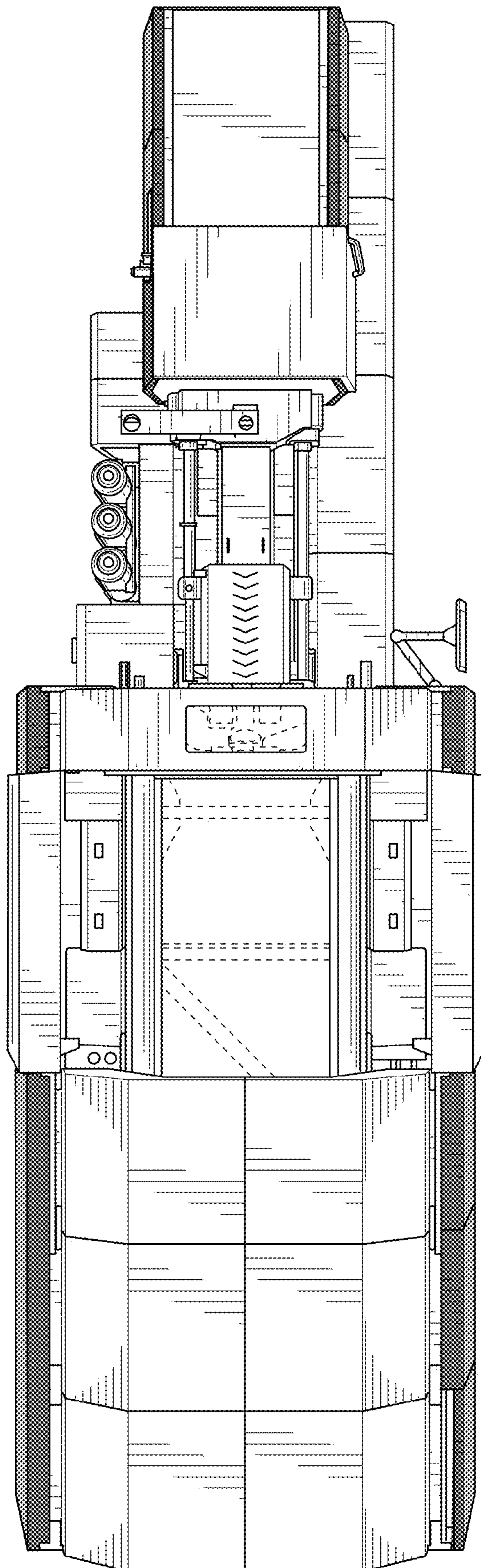


FIG. 5

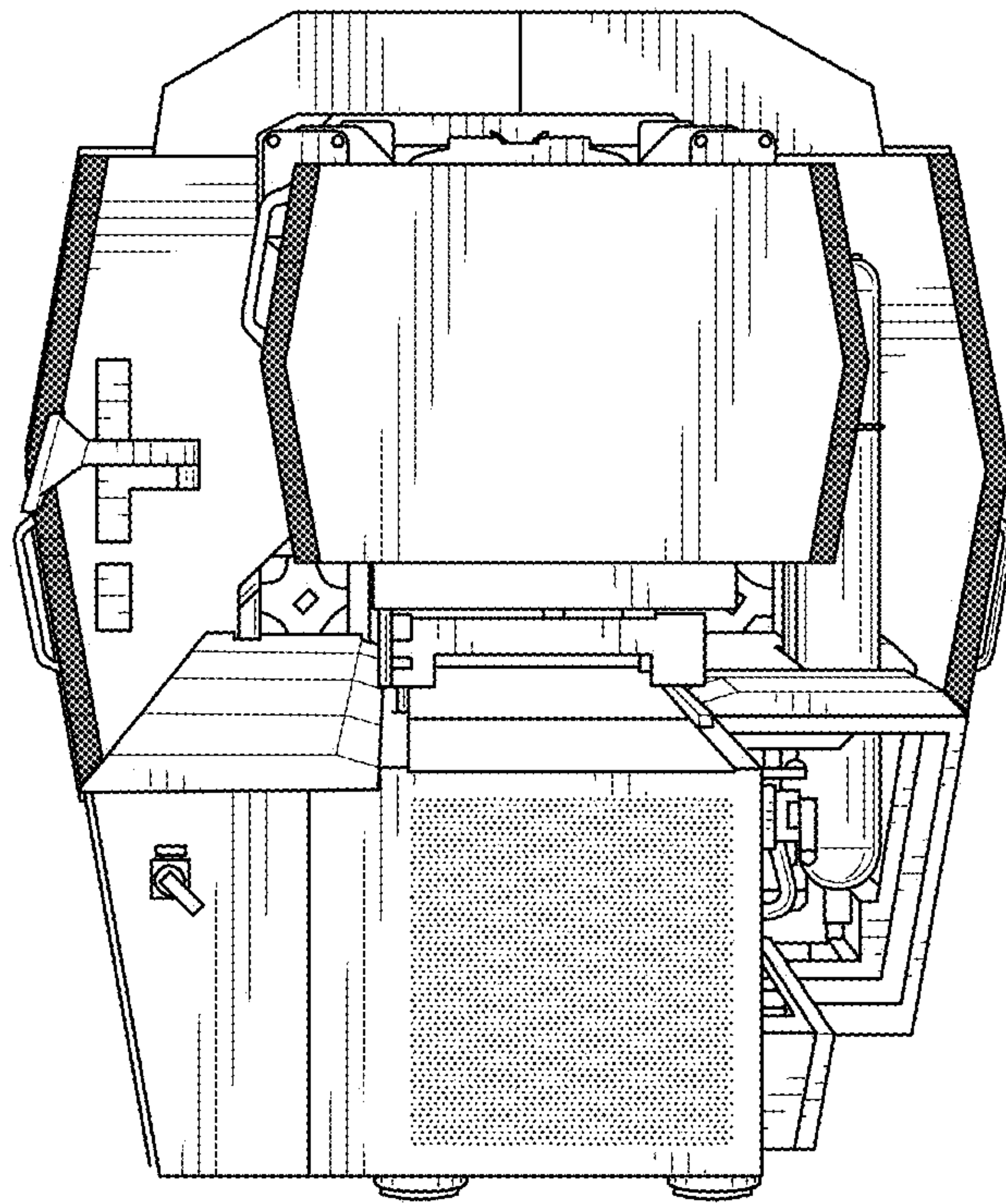


FIG. 6

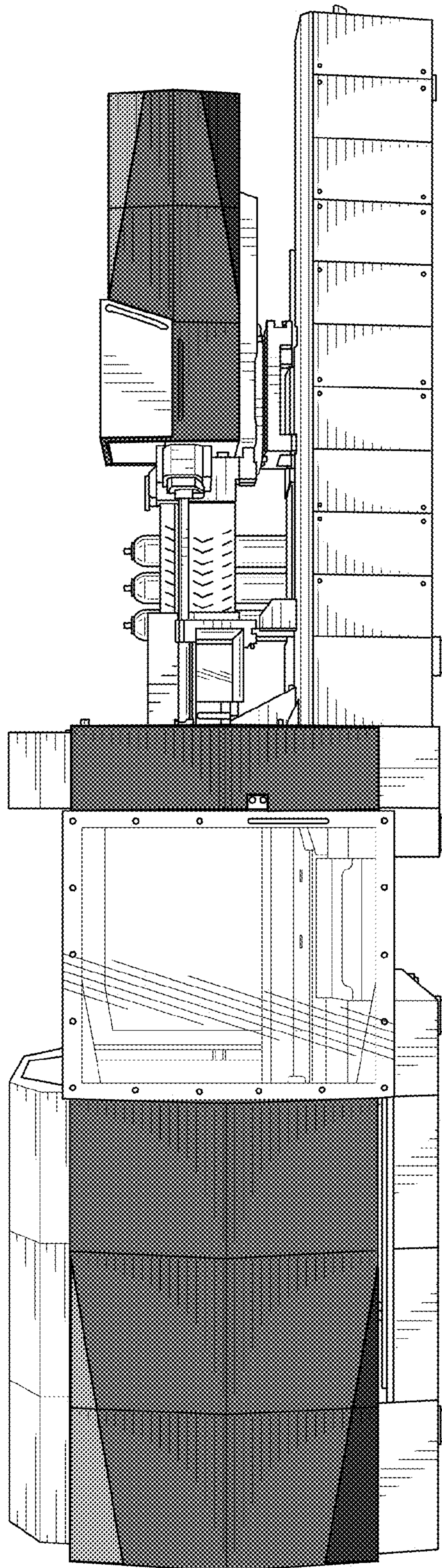


FIG. 7

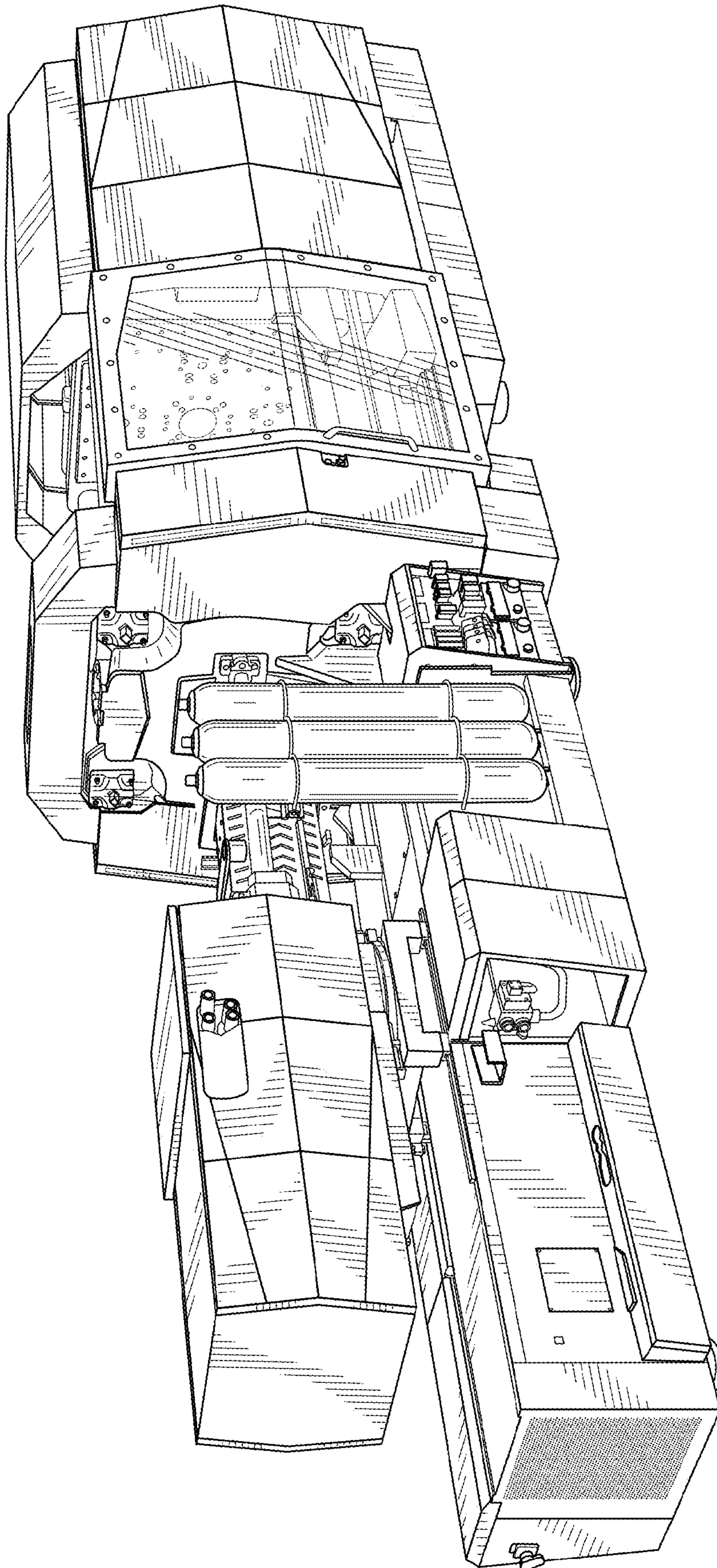


FIG. 8

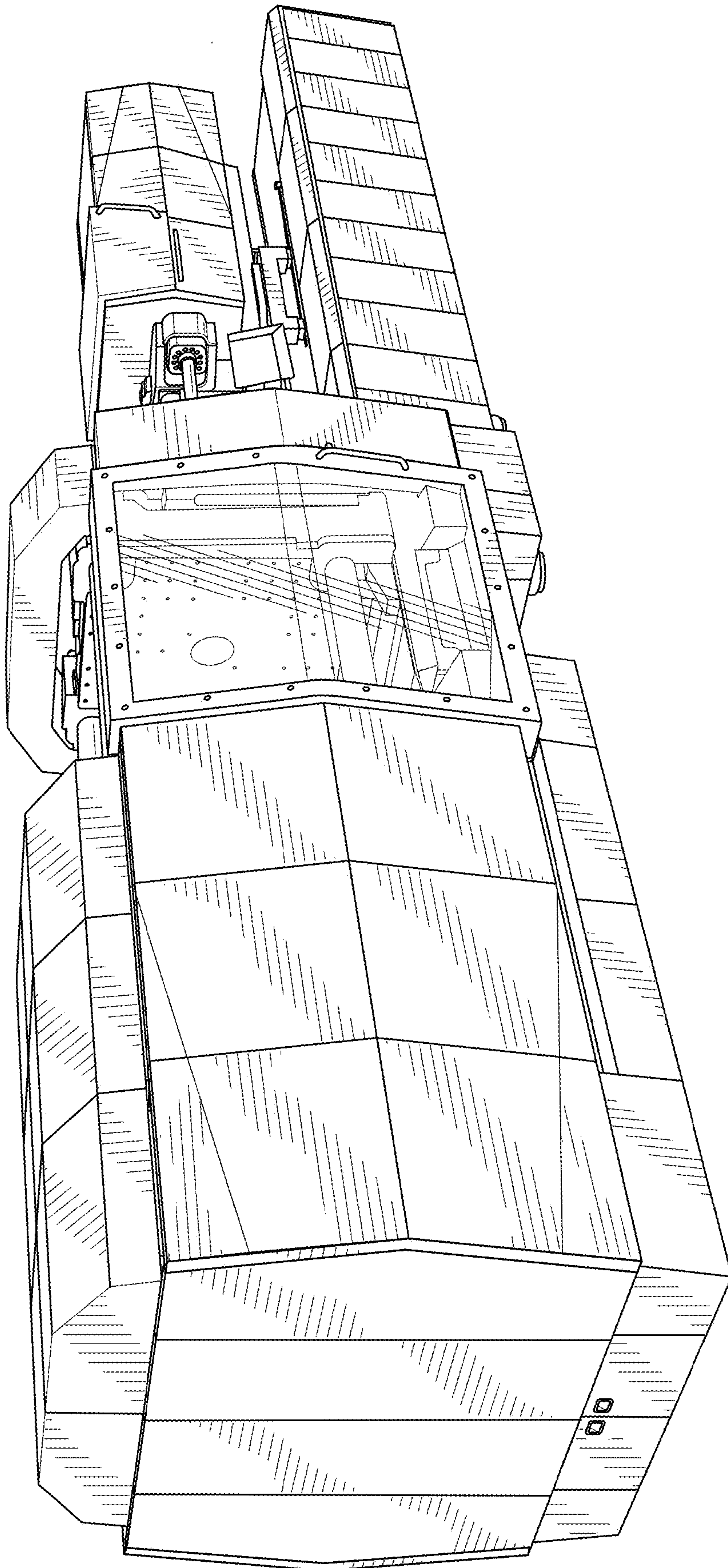


FIG. 9

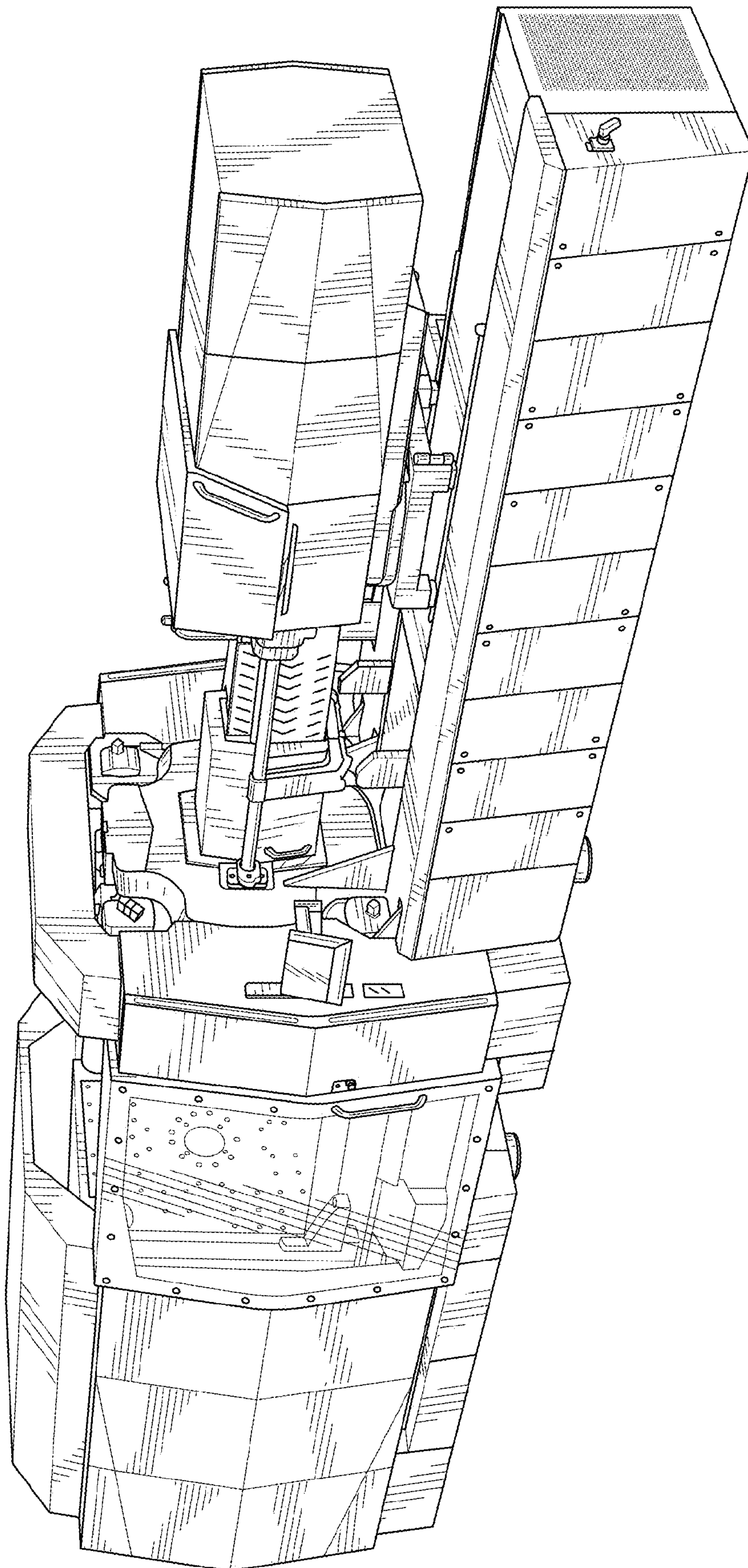


FIG. 10

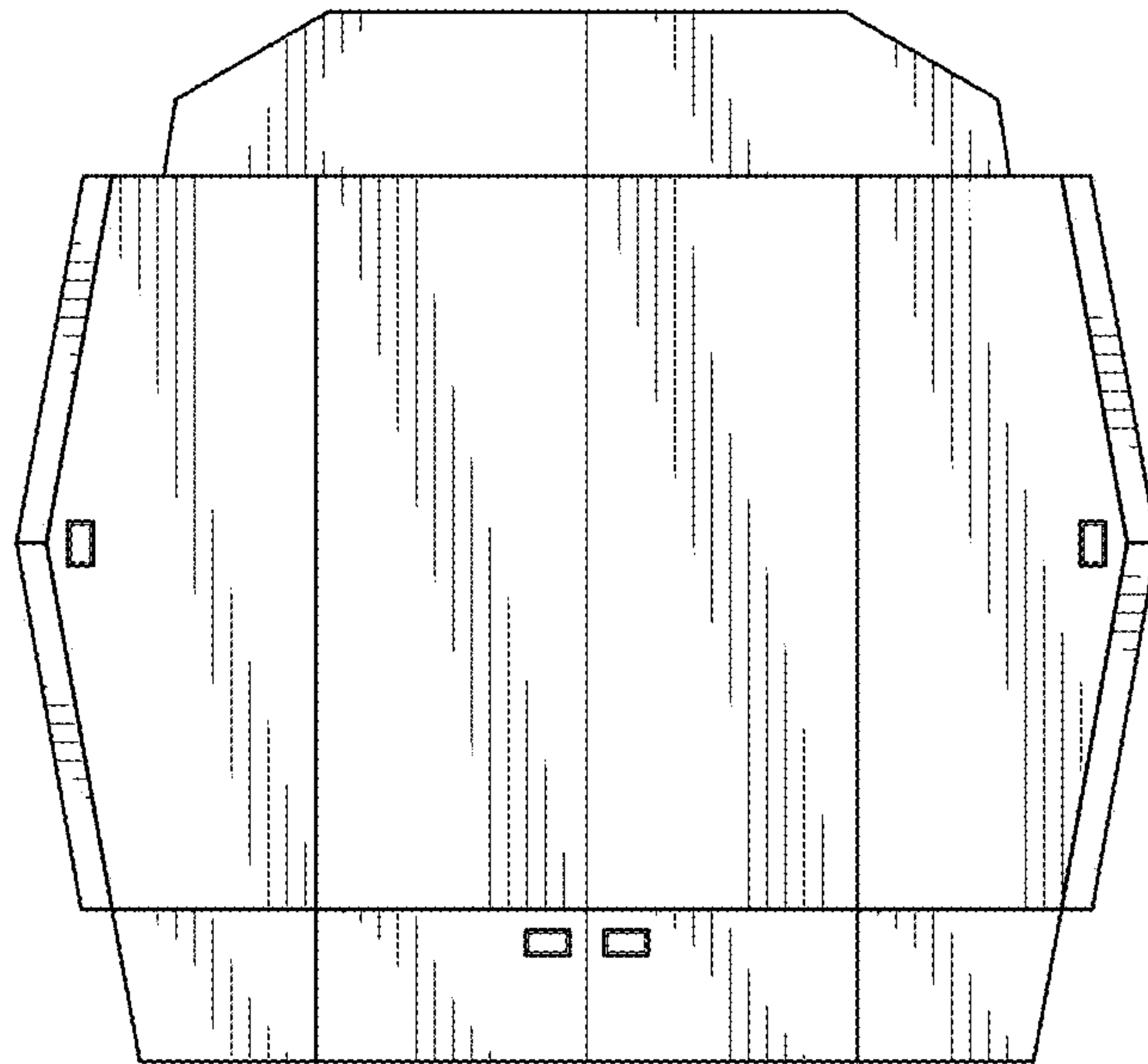


FIG. 11

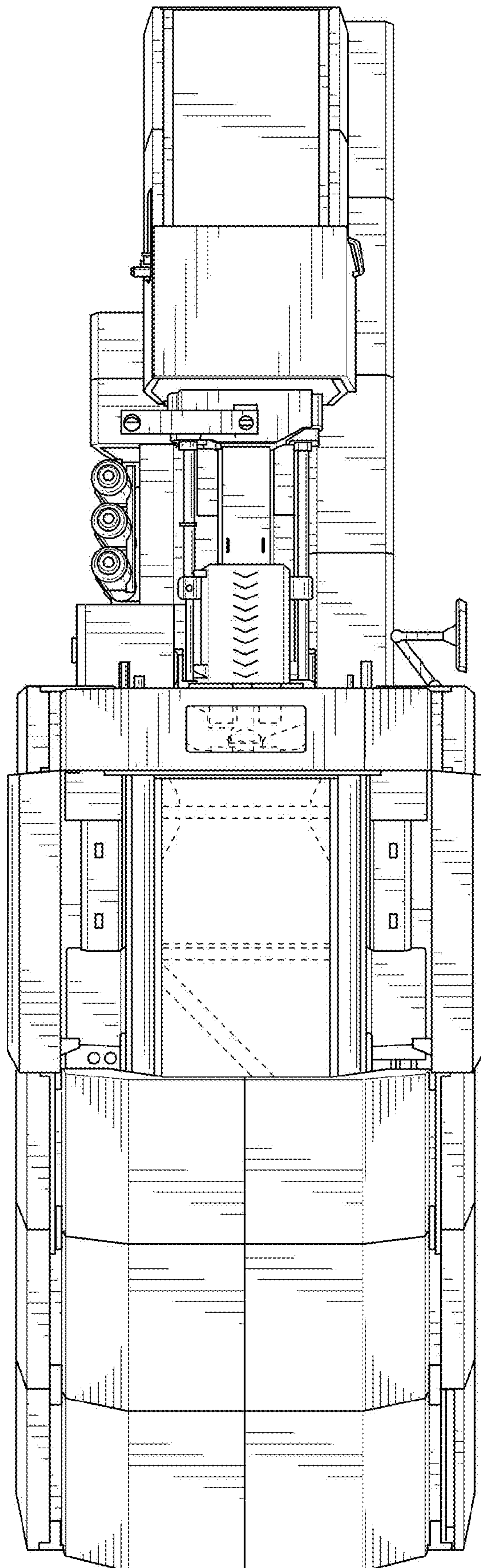


FIG. 12

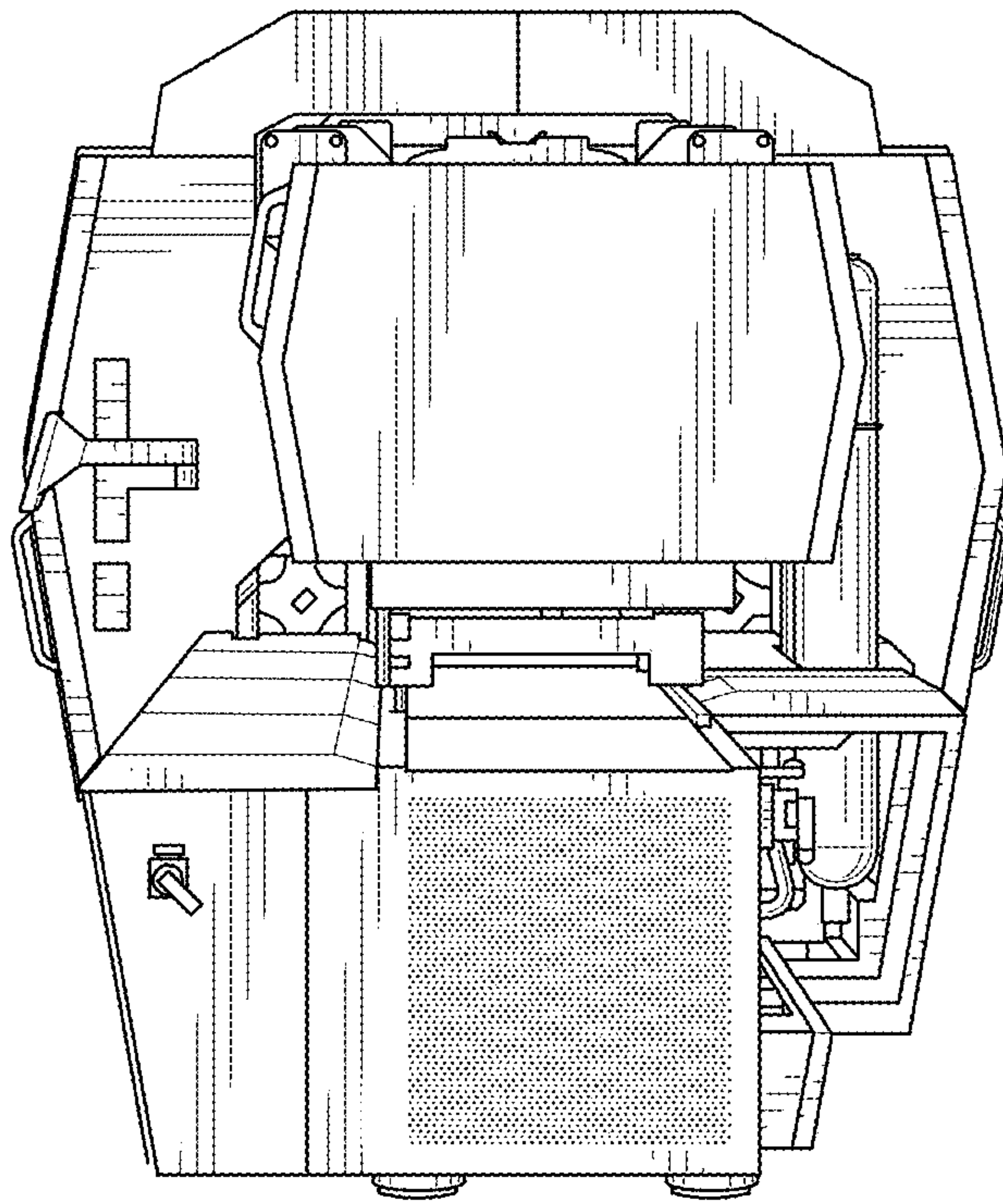


FIG. 13

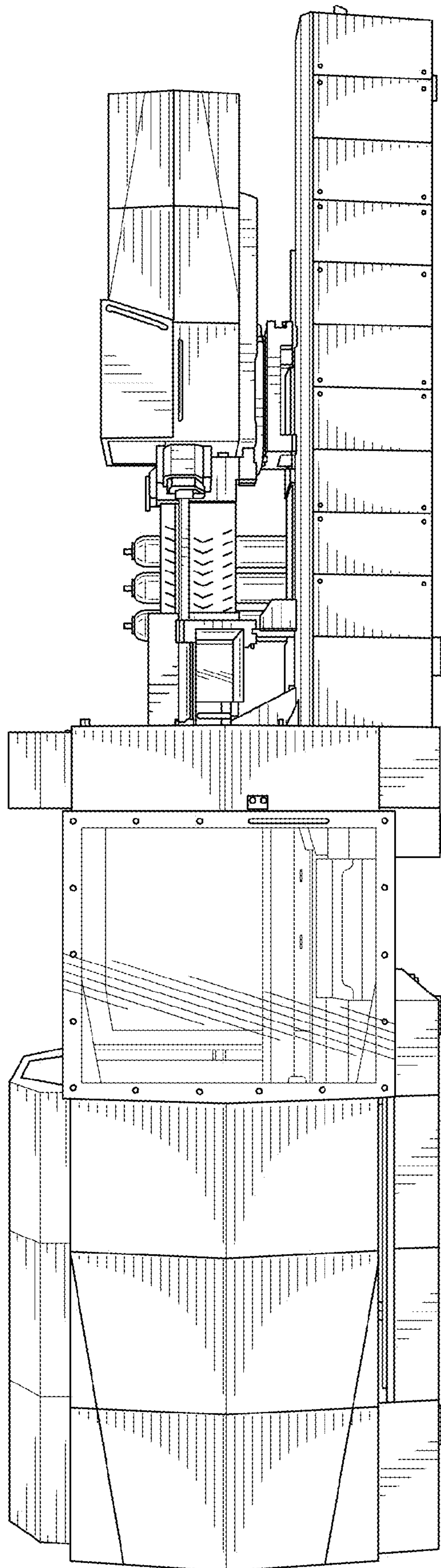


FIG. 14

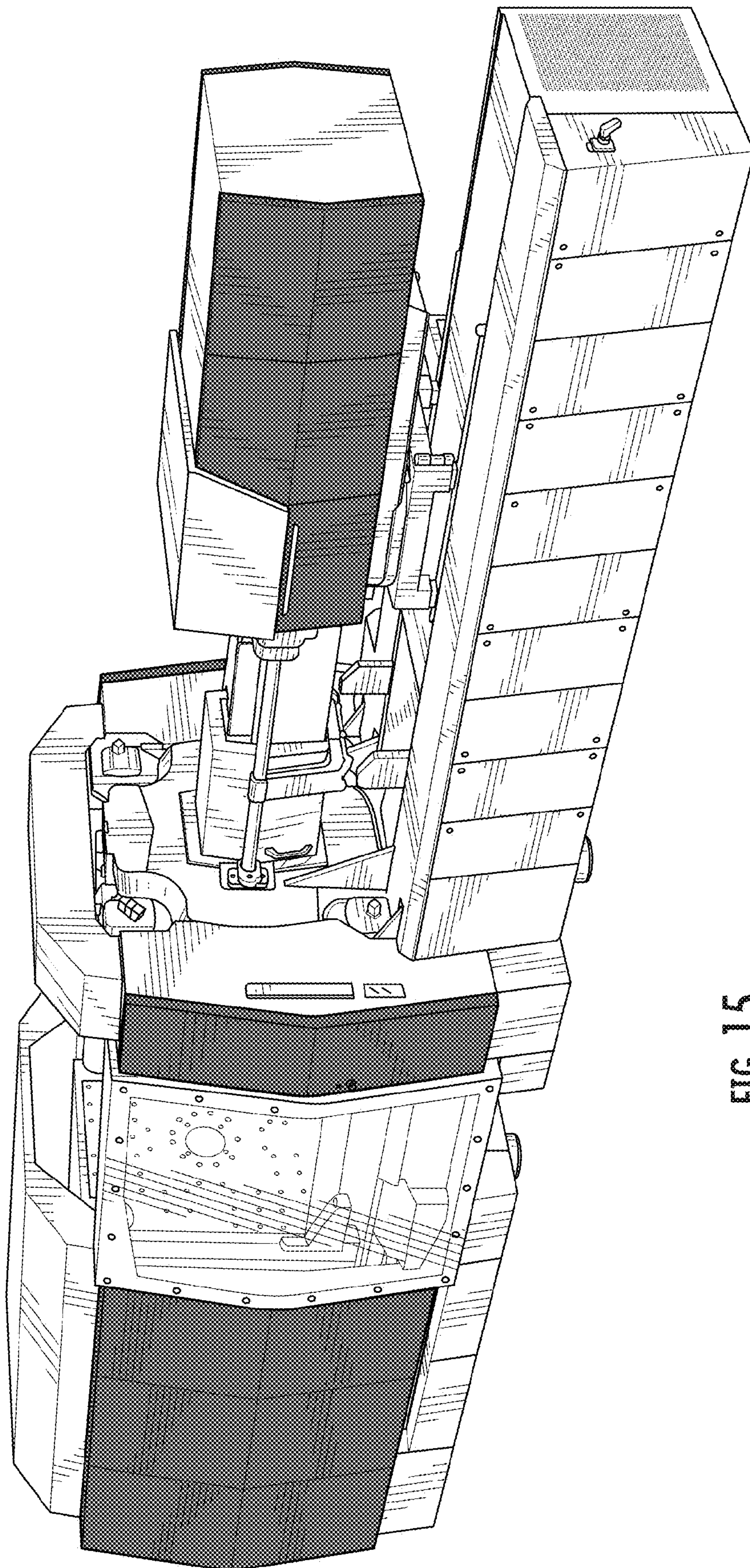


FIG. 15

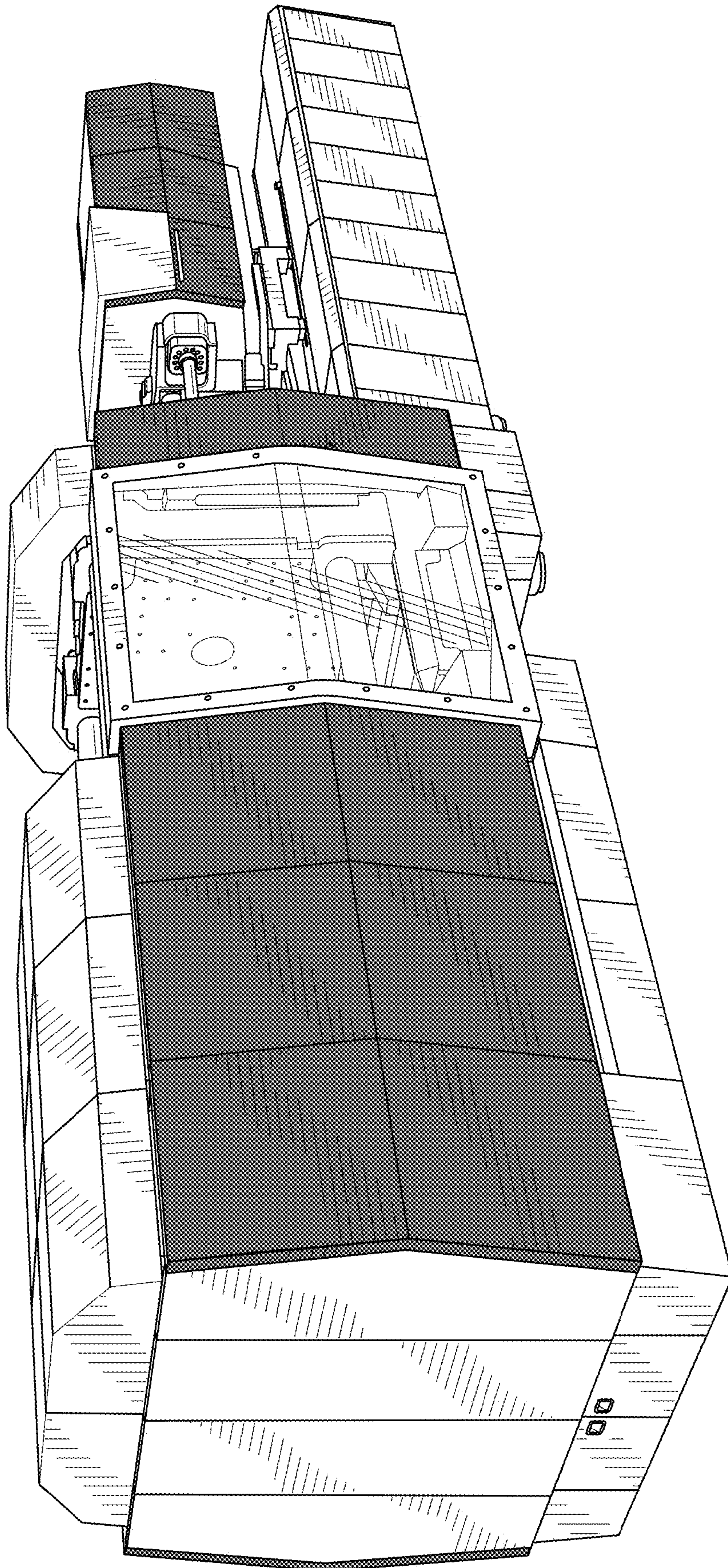


FIG. 16

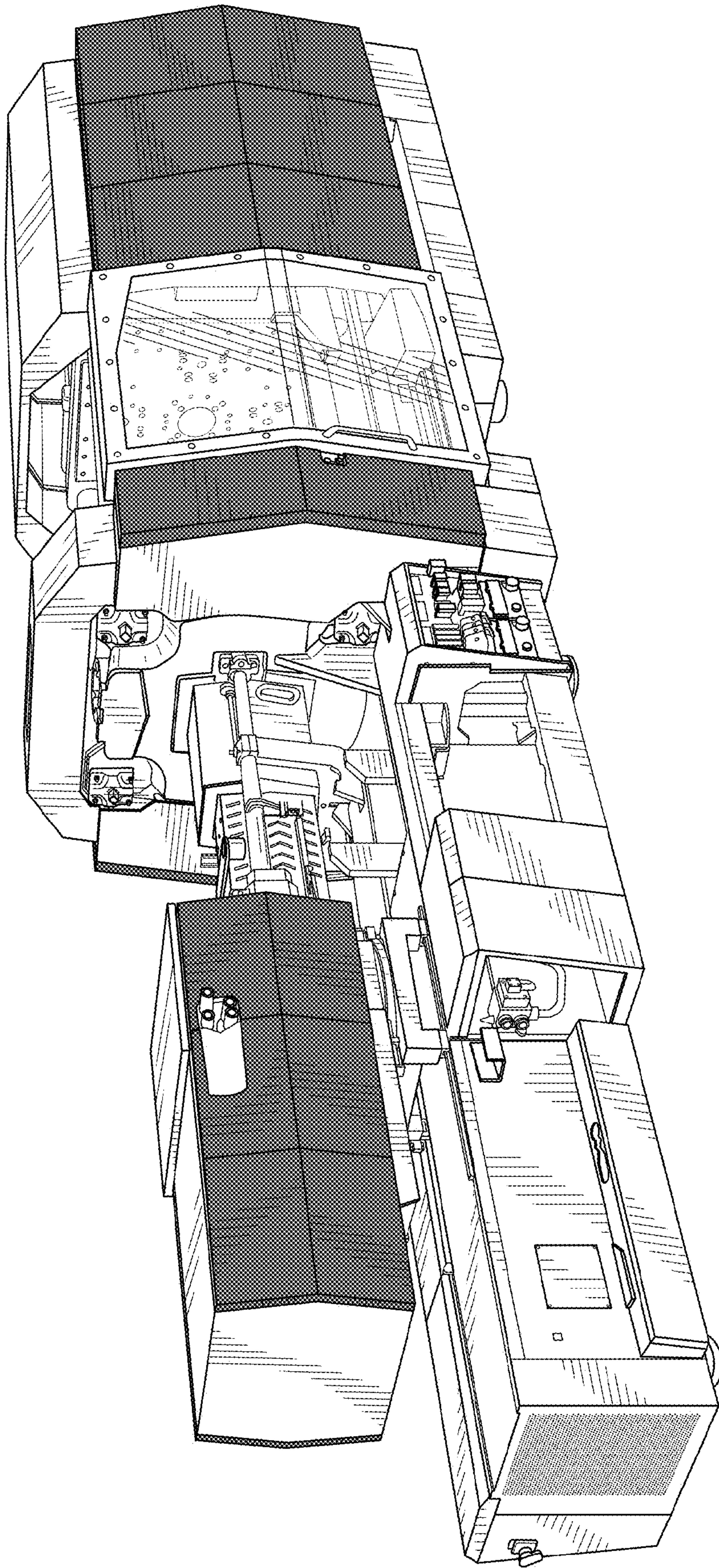


FIG. 17

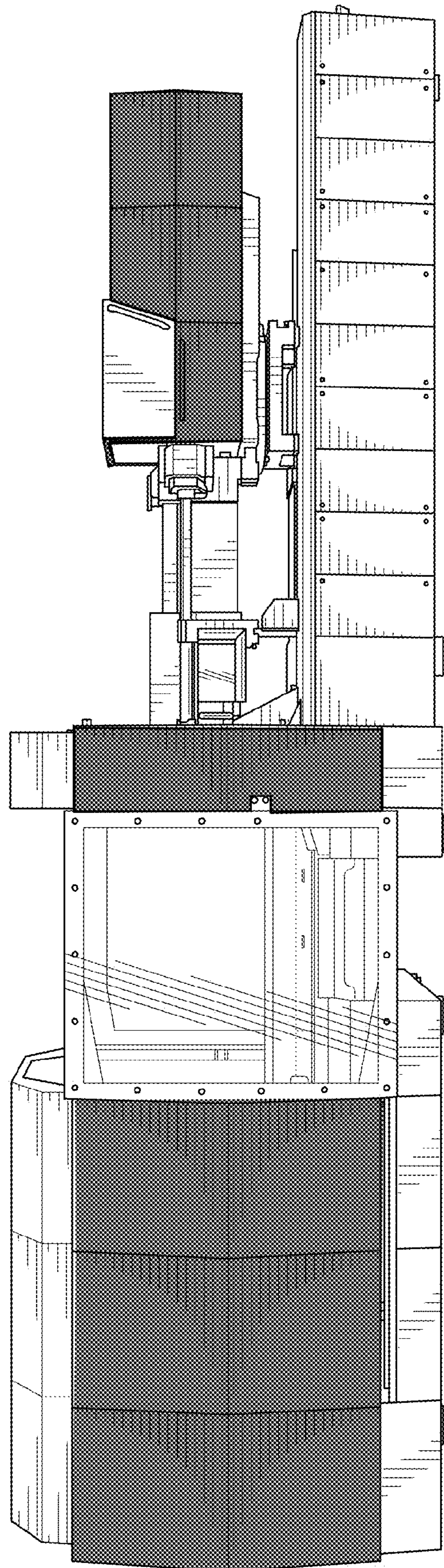


FIG. 18

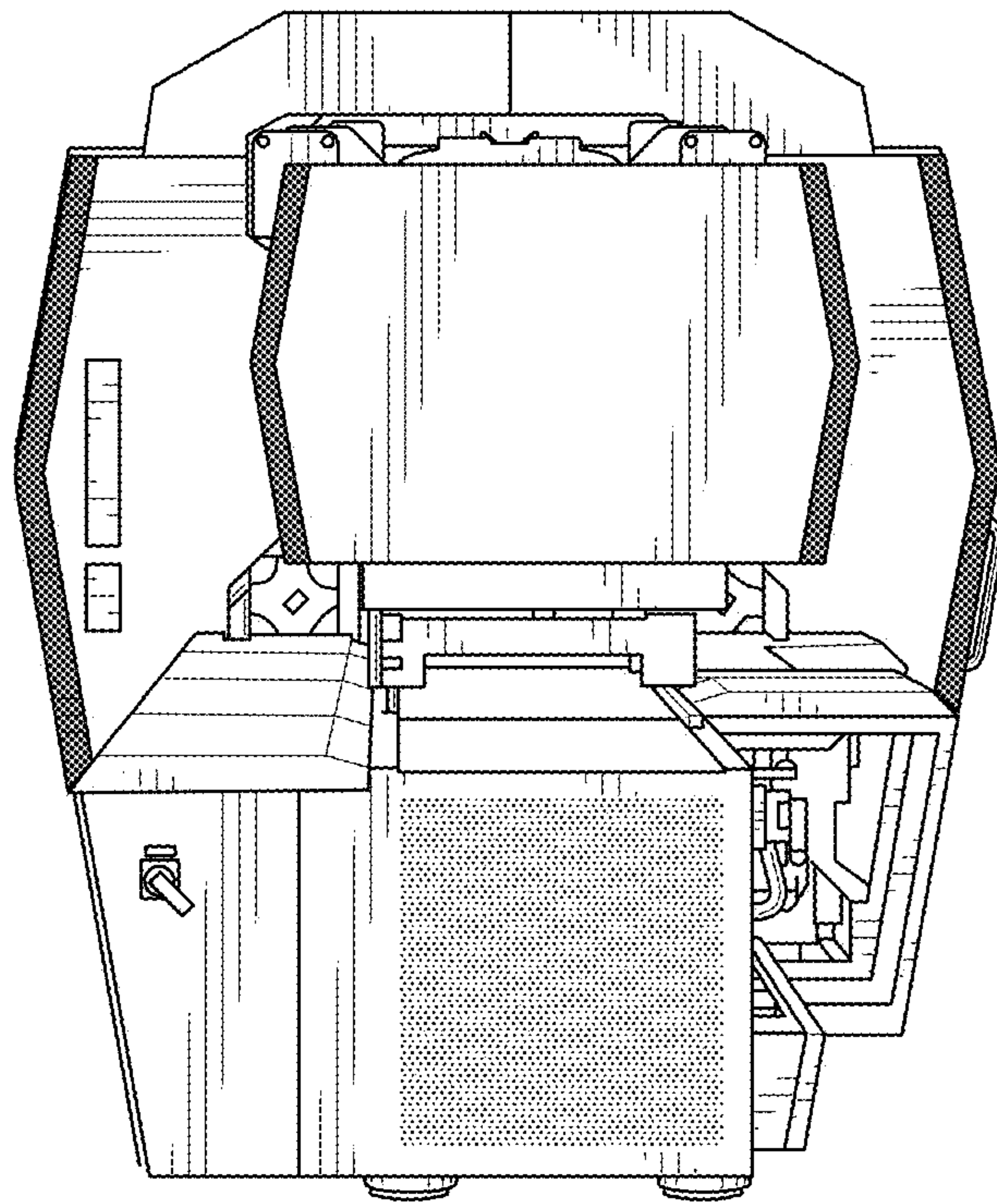


FIG. 19

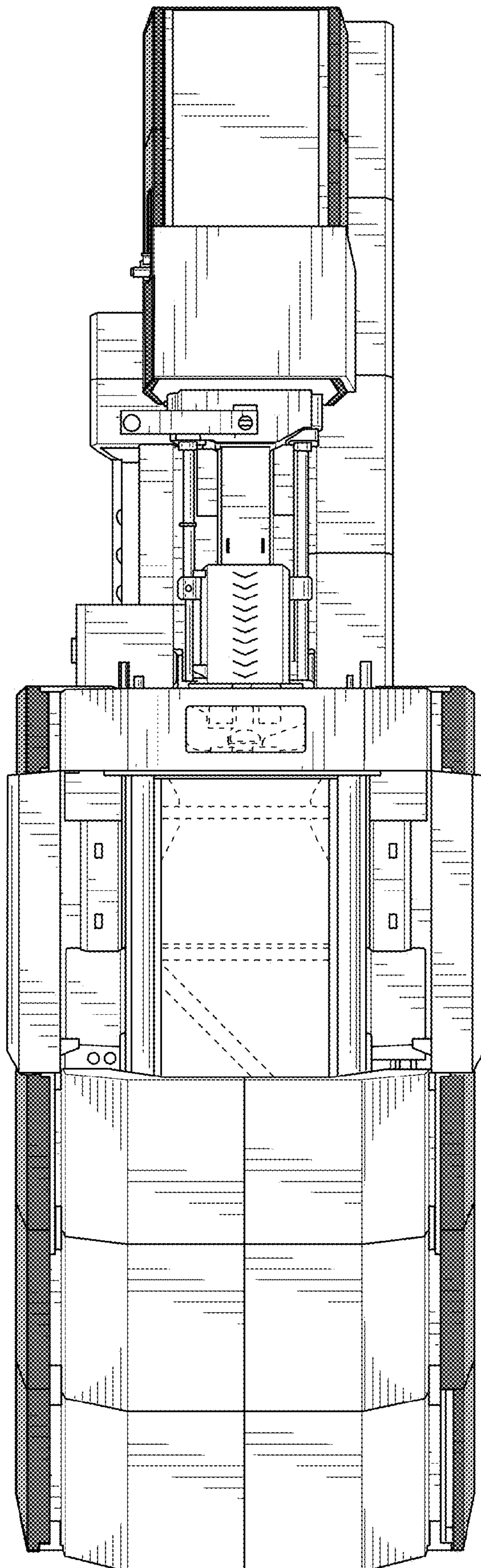


FIG. 20

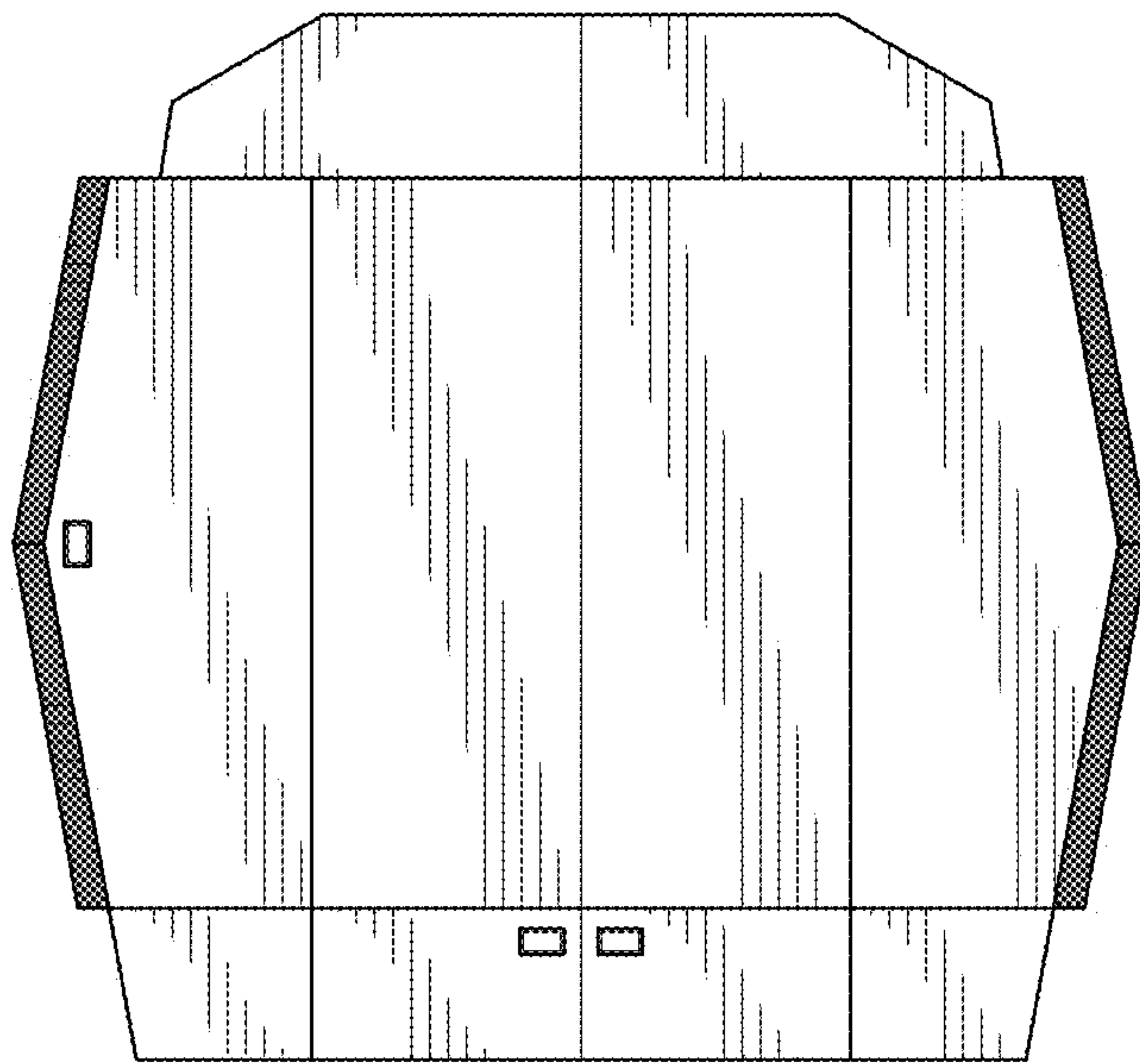


FIG. 21

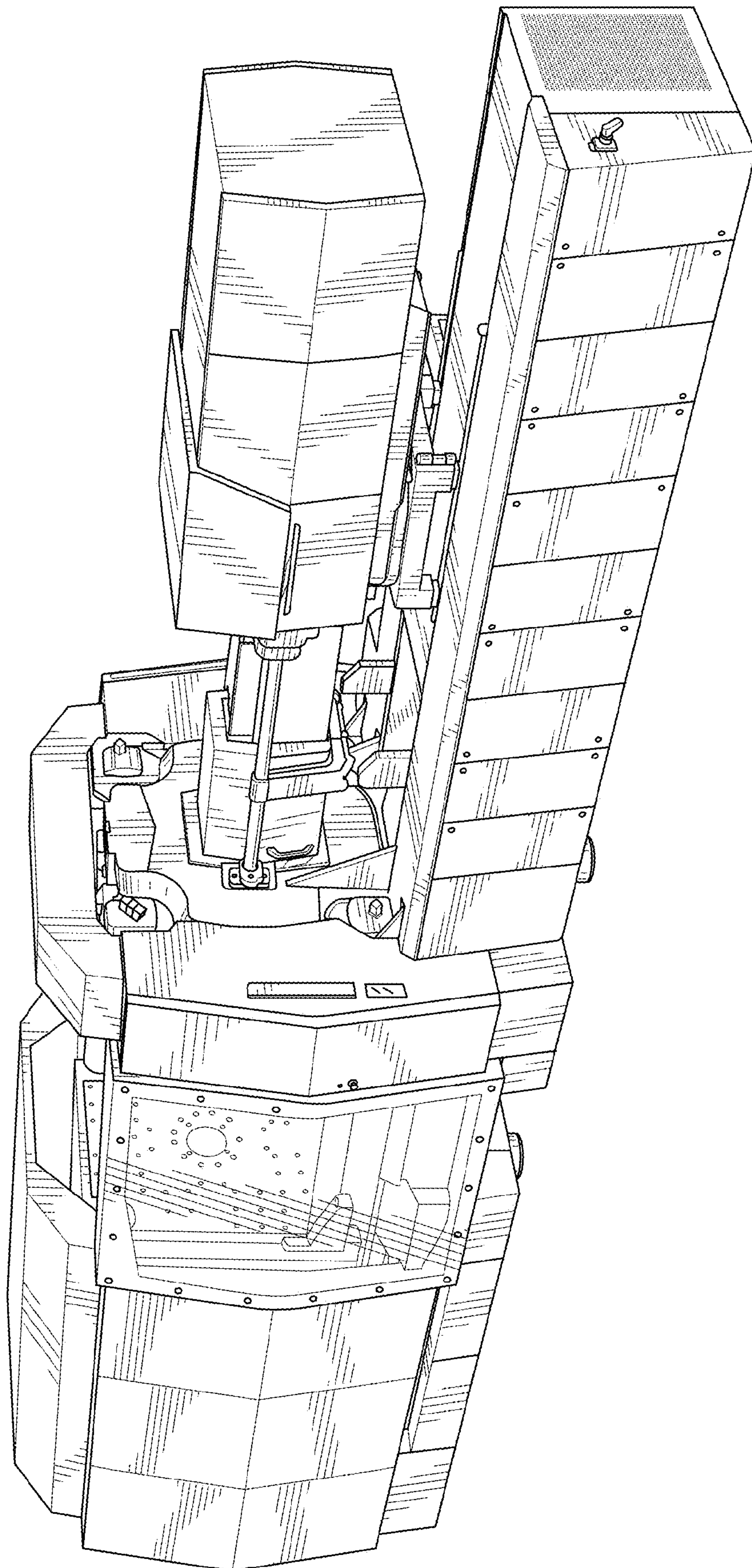


FIG. 22

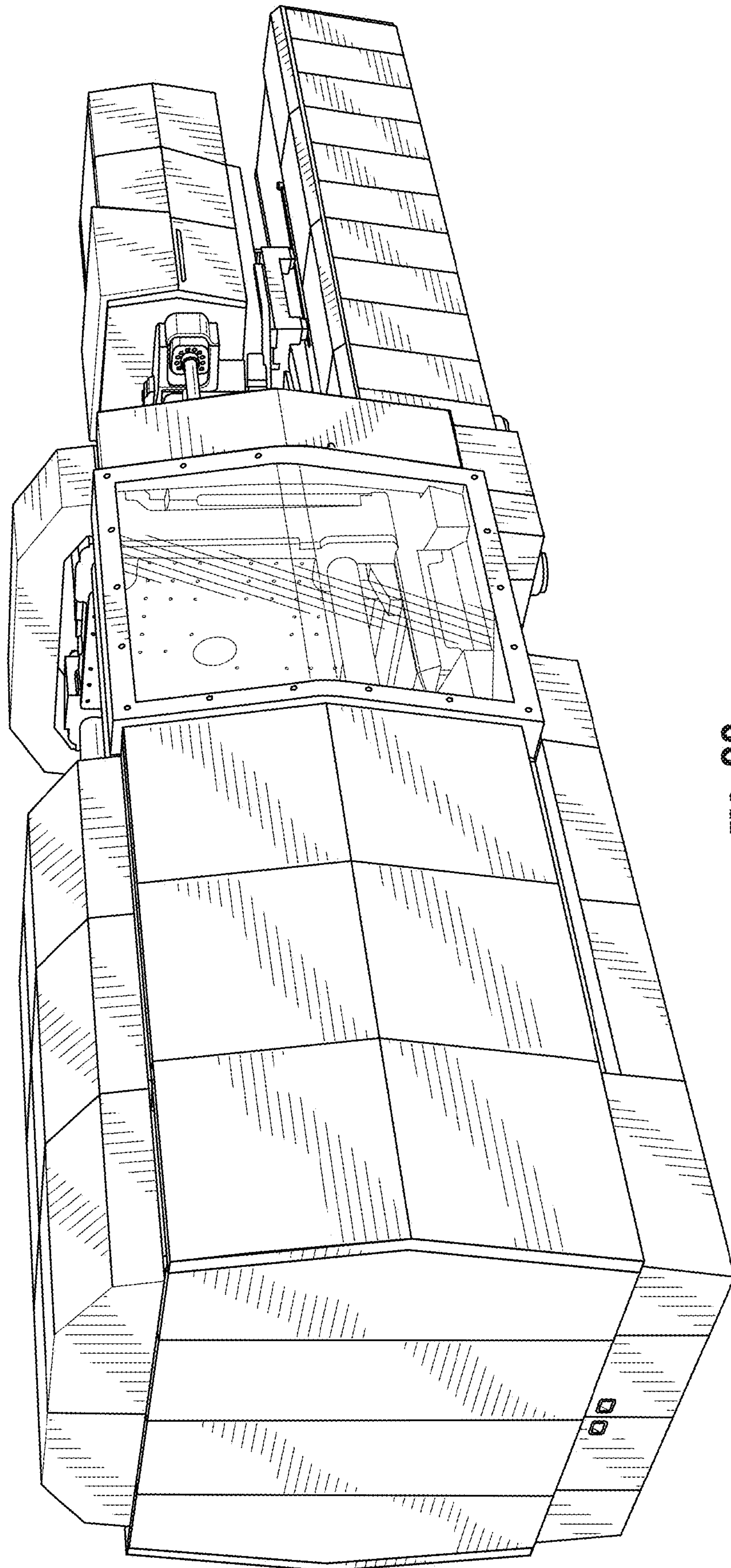


FIG. 23

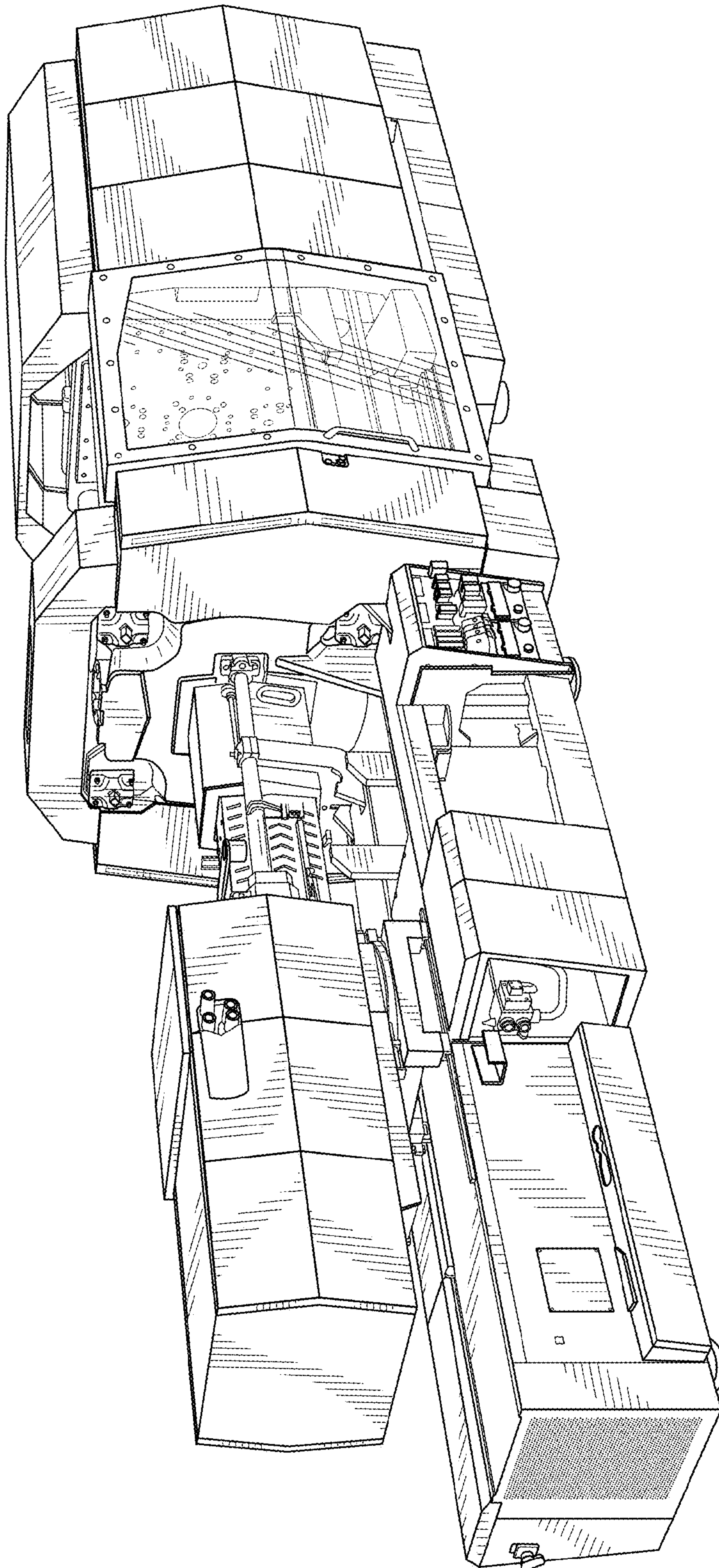


FIG. 24

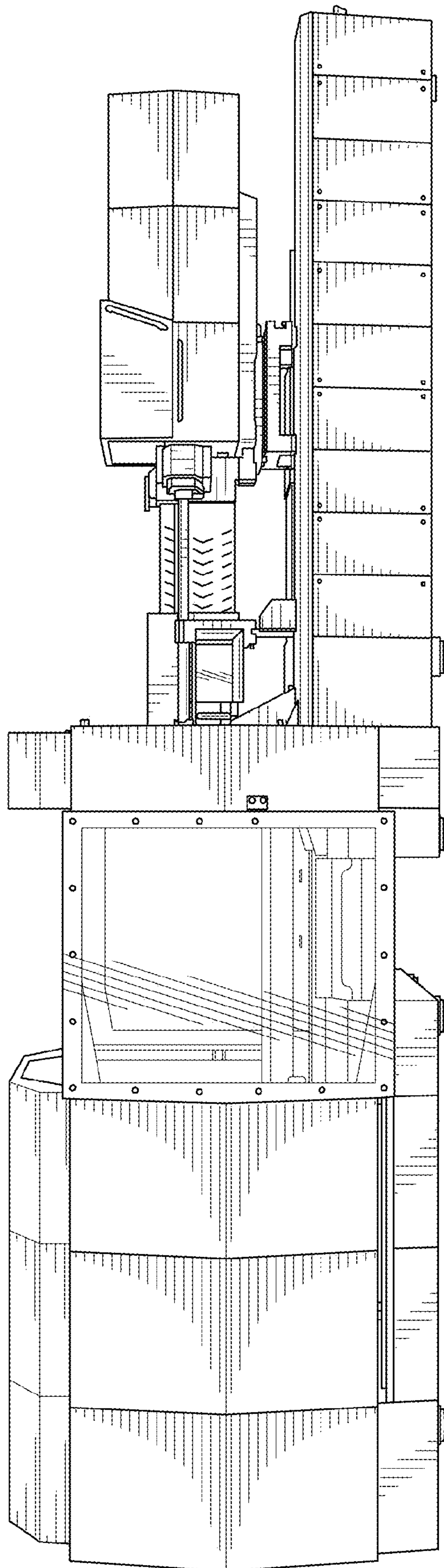


FIG. 25

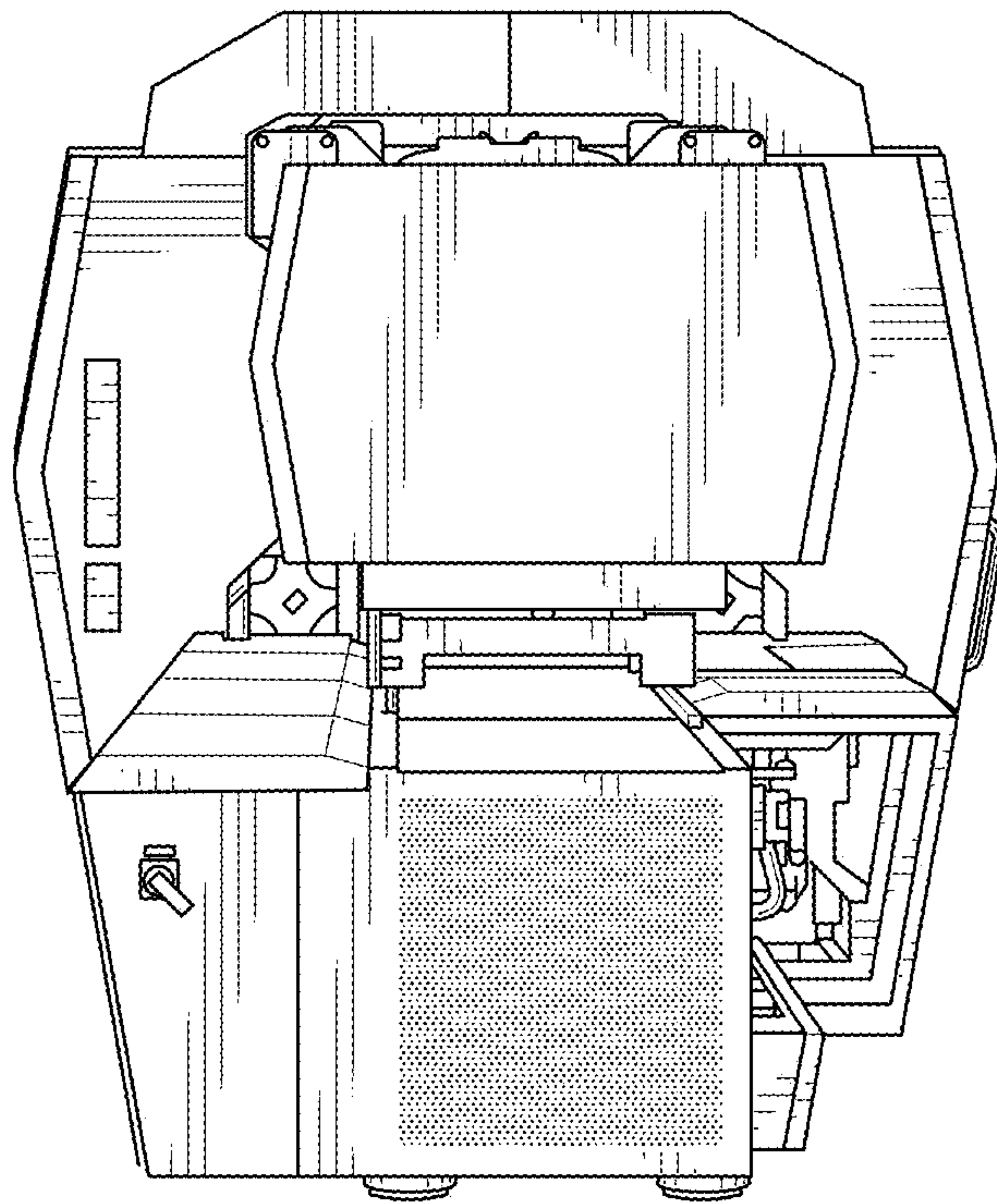


FIG. 26

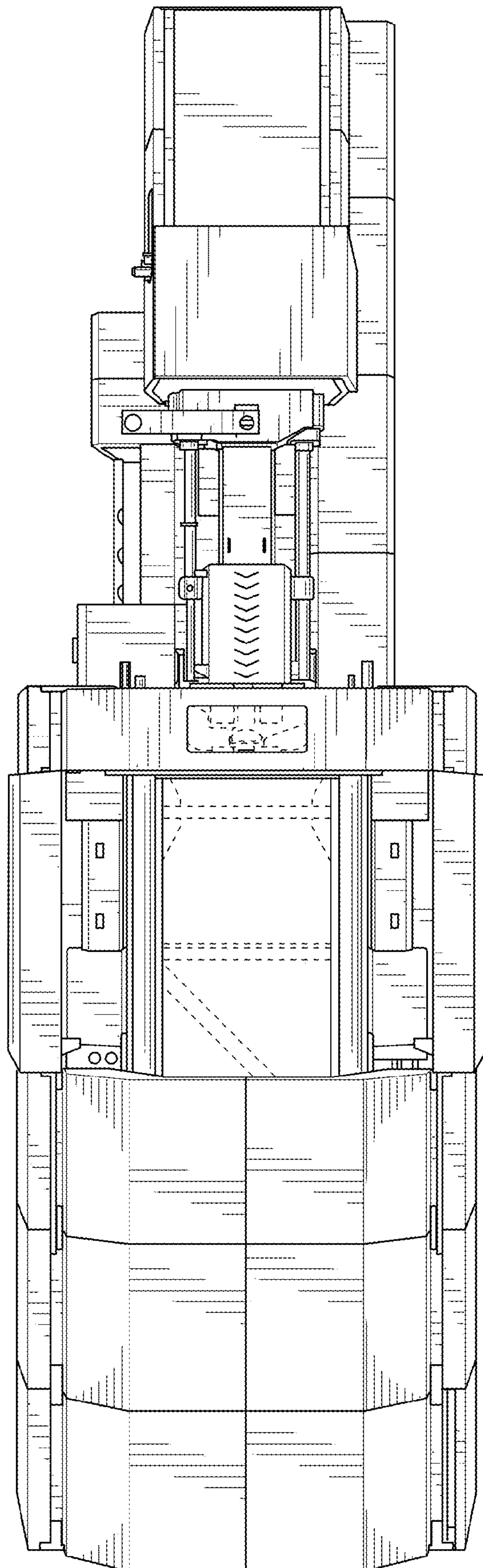


FIG. 27

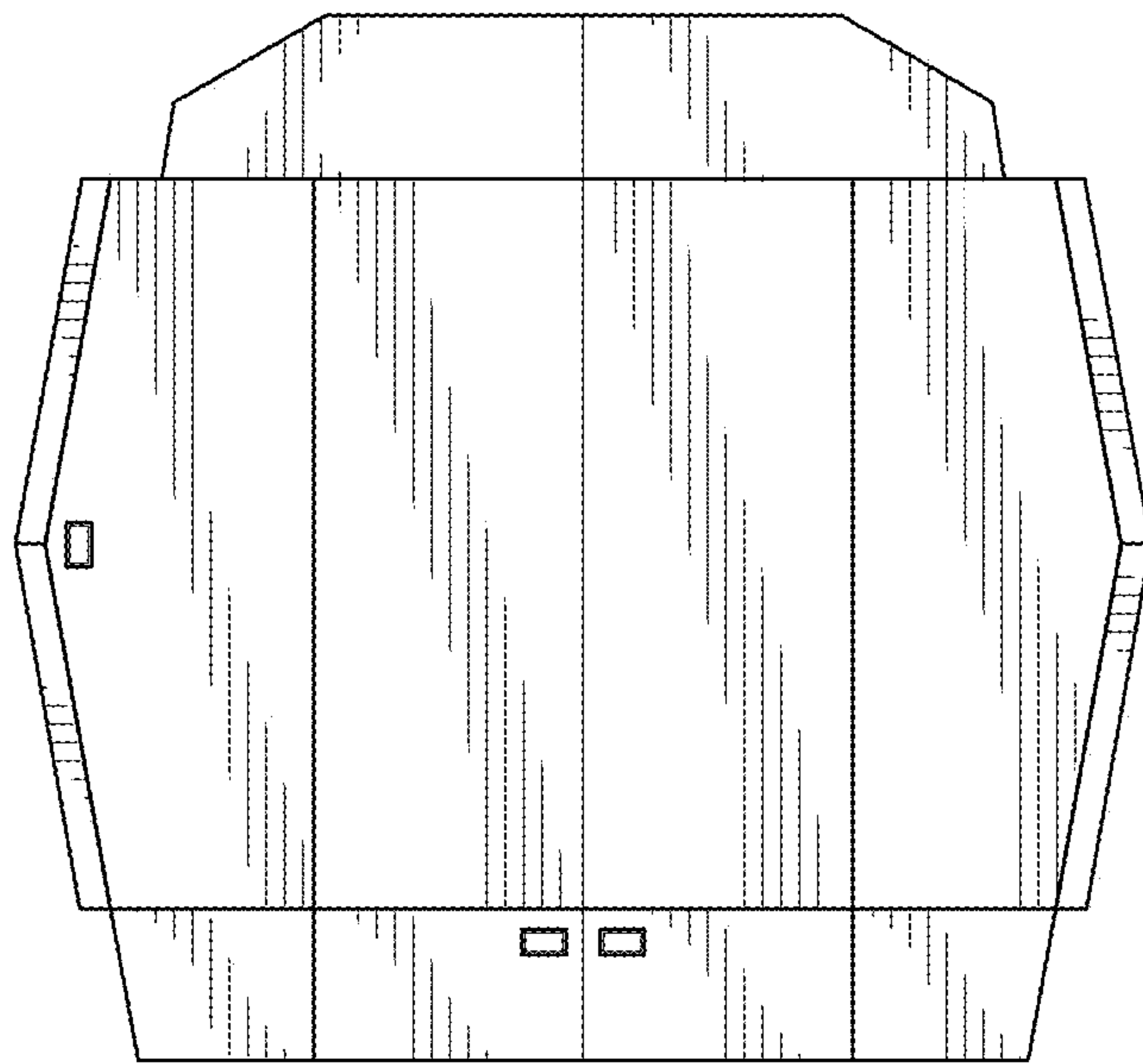


FIG. 28