



US00D756419S

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

(10) **Patent No.:** **US D756,419 S**  
(45) **Date of Patent:** **\*\* May 17, 2016**

(54) **BELT TYPE OPTICAL SORTER**  
(71) Applicant: **SATAKE CORPORATION**,  
Chiyoda-ku, Tokyo (JP)  
(72) Inventors: **Yoshikazu Tateishi**, Tokyo (JP); **Ryo Marukawa**, Tokyo (JP); **Ryo Kakutani**, Tokyo (JP)  
(73) Assignee: **SATAKE CORPORATION**,  
Chiyoda-Ku, Tokyo (JP)

D560,233 S \* 1/2008 Bee ..... D15/122  
D681,063 S \* 4/2013 Kanemoto ..... D15/10  
D707,275 S \* 6/2014 Ito ..... D15/147  
9,024,223 B2 \* 5/2015 Miyamoto ..... B07C 5/342  
209/580  
2010/0131094 A1 \* 5/2010 Green ..... A61K 9/0019  
700/223  
2014/0244027 A1 \* 8/2014 Green ..... B07C 5/34  
700/223

(\*\*) Term: **14 Years**  
(21) Appl. No.: **29/507,625**  
(22) Filed: **Oct. 29, 2014**

FOREIGN PATENT DOCUMENTS  
JP 1483594 11/2013  
\* cited by examiner  
*Primary Examiner* — Mitchell Siegel  
(74) *Attorney, Agent, or Firm* — Taft Stettinius & Hollister LLP

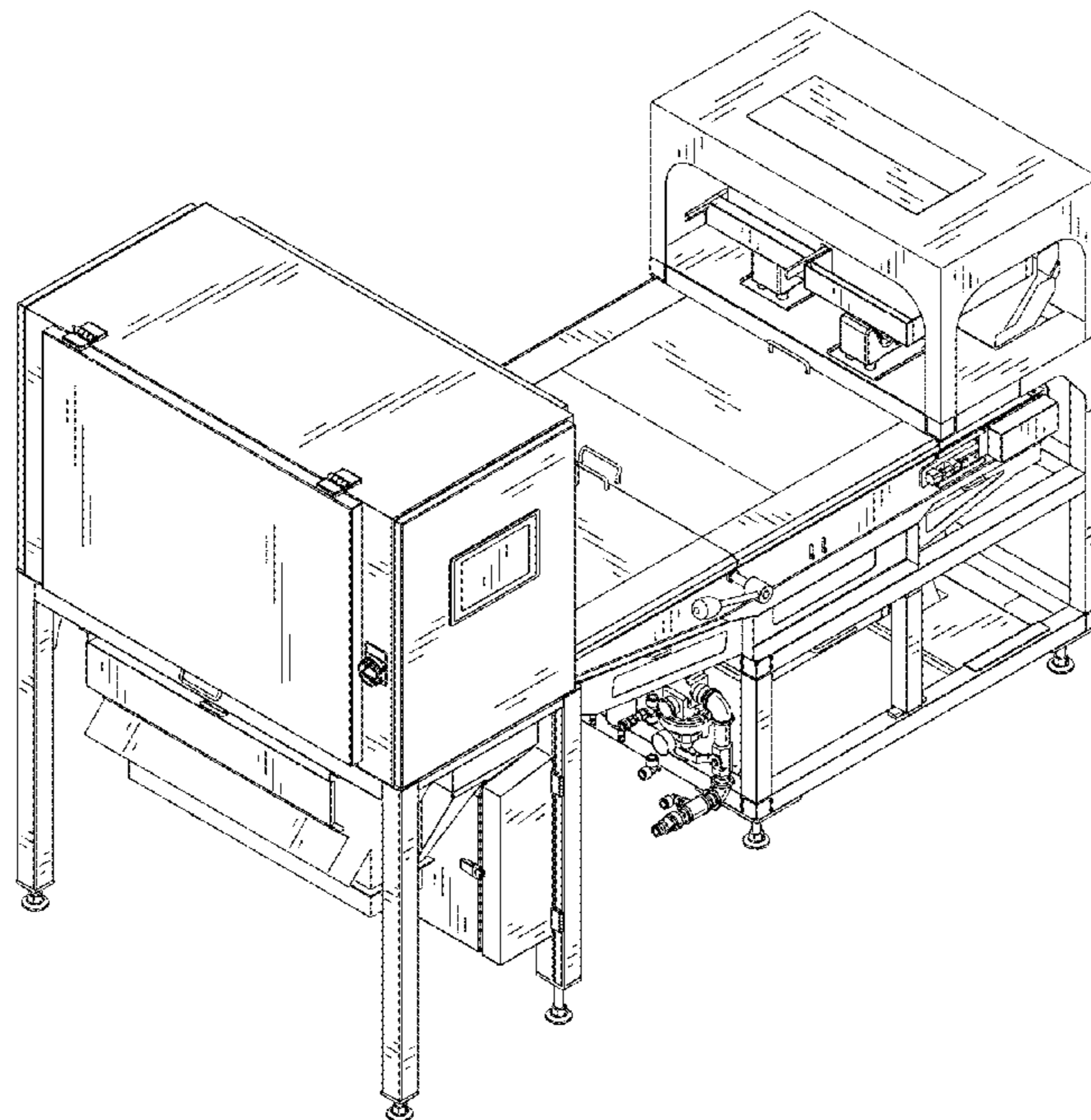
(30) **Foreign Application Priority Data**  
May 9, 2014 (JP) ..... 2014-009951  
(51) **LOC (10) Cl.** ..... **15-03**  
(52) **U.S. Cl.**  
USPC ..... **D15/10**  
(58) **Field of Classification Search**  
USPC ..... D15/10, 122, 147  
CPC ..... B07C 5/36; B07C 5/34; B07C 5/342  
See application file for complete search history.

(57) **CLAIM**  
The ornamental design for a belt type optical sorter, as shown and described.

(56) **References Cited**  
U.S. PATENT DOCUMENTS  
4,385,700 A \* 5/1983 Hodges ..... B07C 5/36  
198/446  
4,599,786 A \* 7/1986 Uhtenwoldt ..... B23Q 7/046  
483/14  
D556,795 S \* 12/2007 Bee ..... D15/122

**DESCRIPTION**  
FIG. 1 is a perspective view of a belt type optical sorter showing the new design;  
FIG. 2 is a front view thereof;  
FIG. 3 is a rear view thereof;  
FIG. 4 is a right side view thereof;  
FIG. 5 is left side view thereof;  
FIG. 6 is a top plan view thereof; and,  
FIG. 7 is a bottom plan view thereof.

**1 Claim, 7 Drawing Sheets**



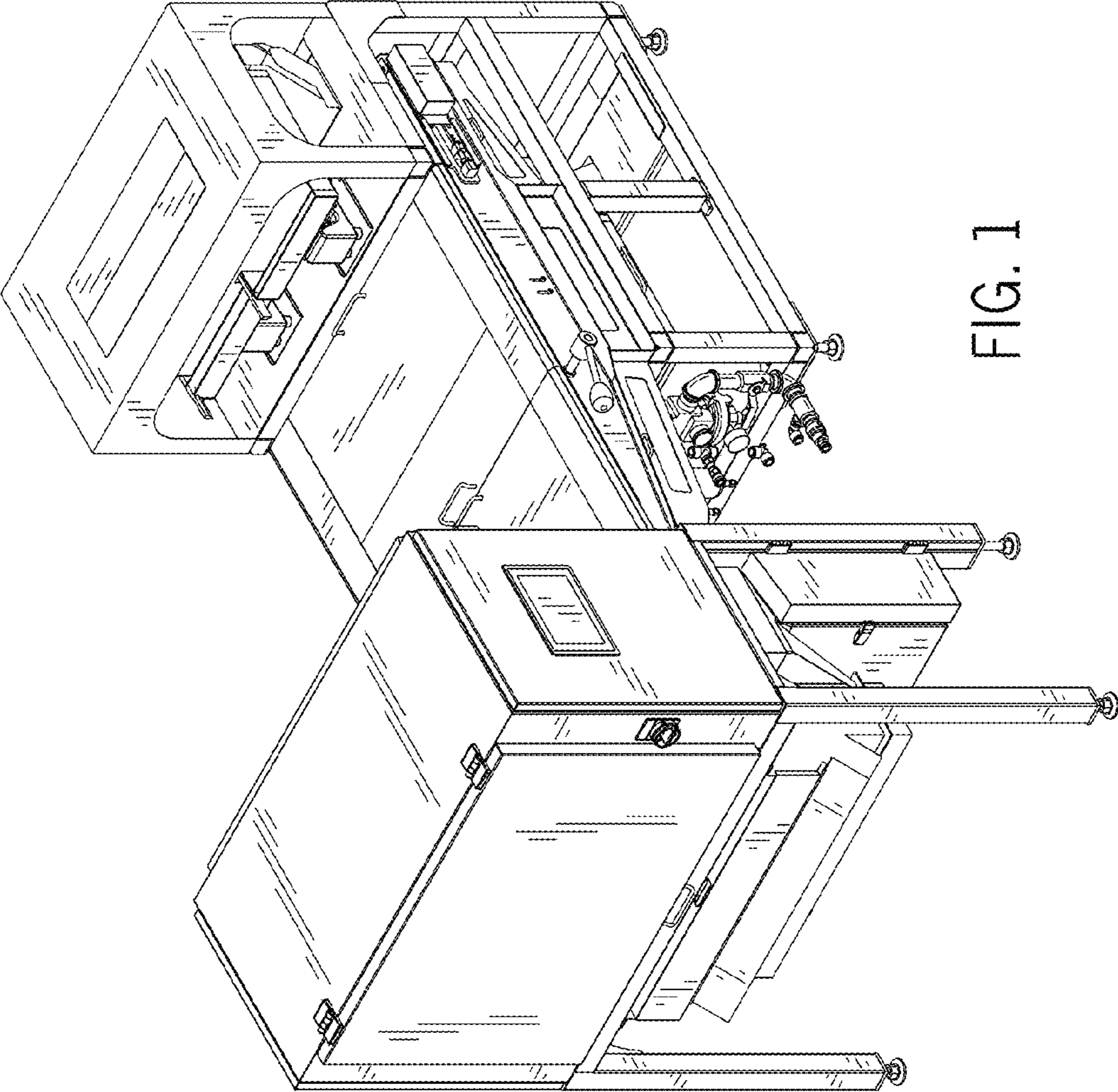


FIG. 1

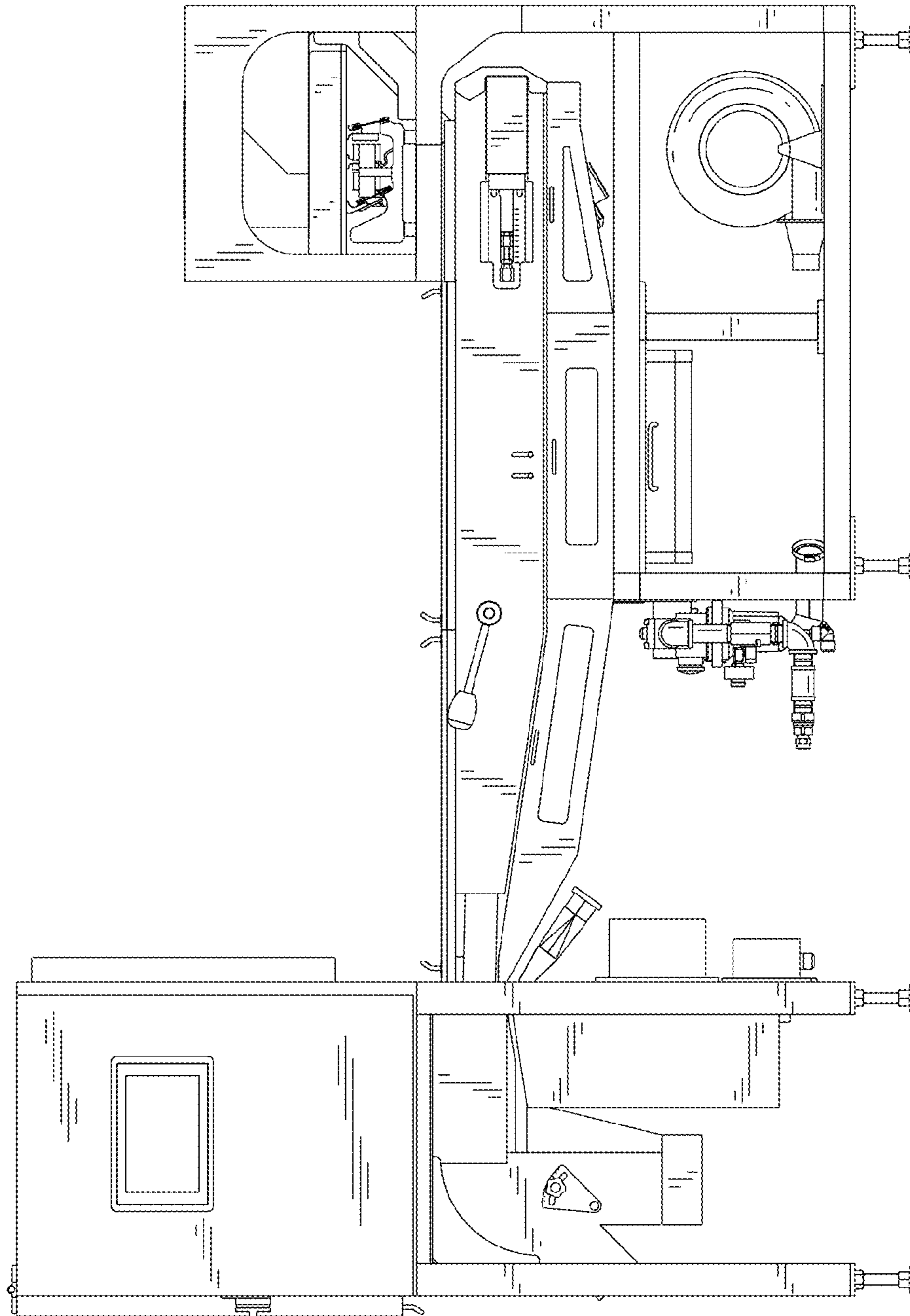


FIG. 2

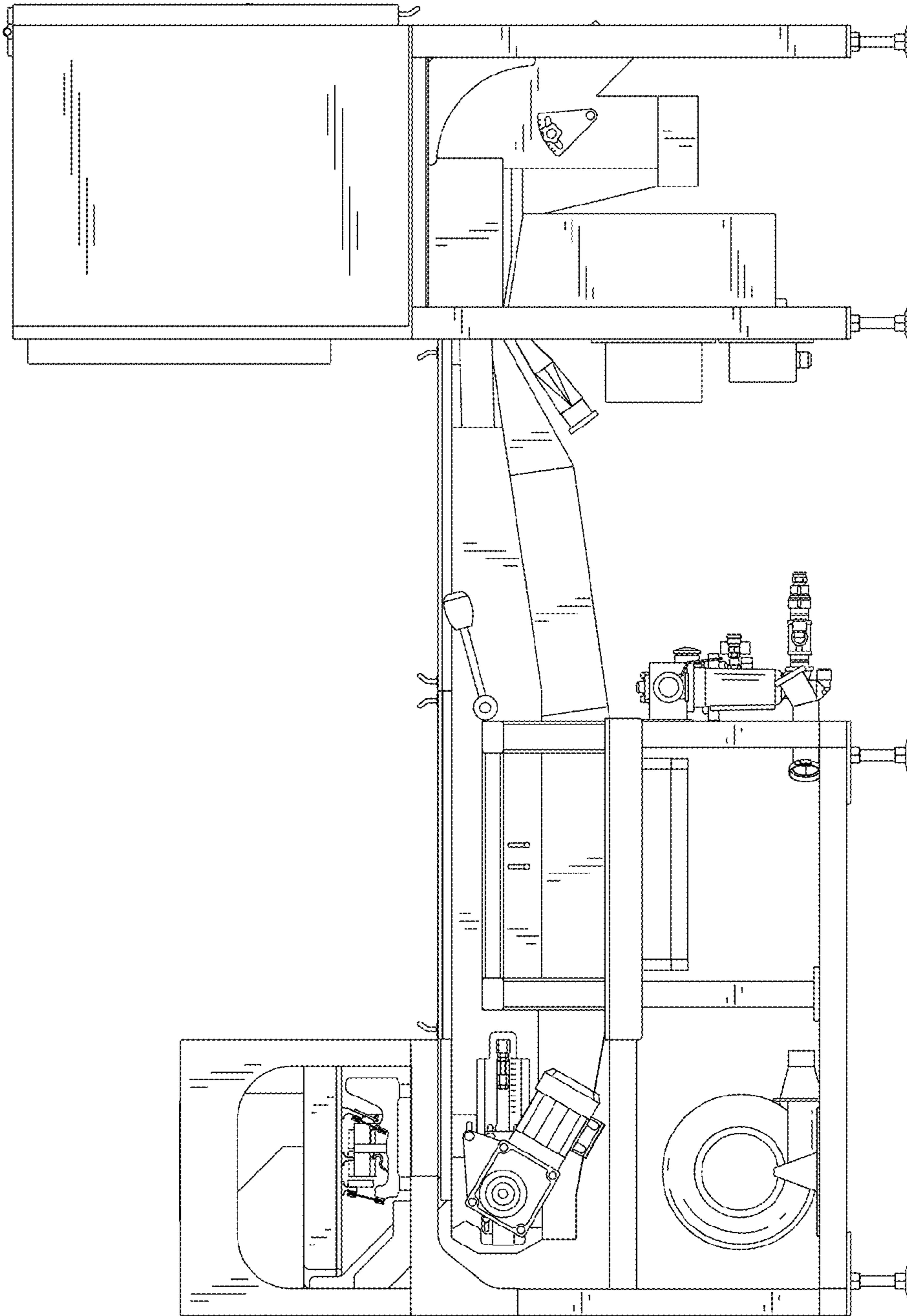


FIG. 3

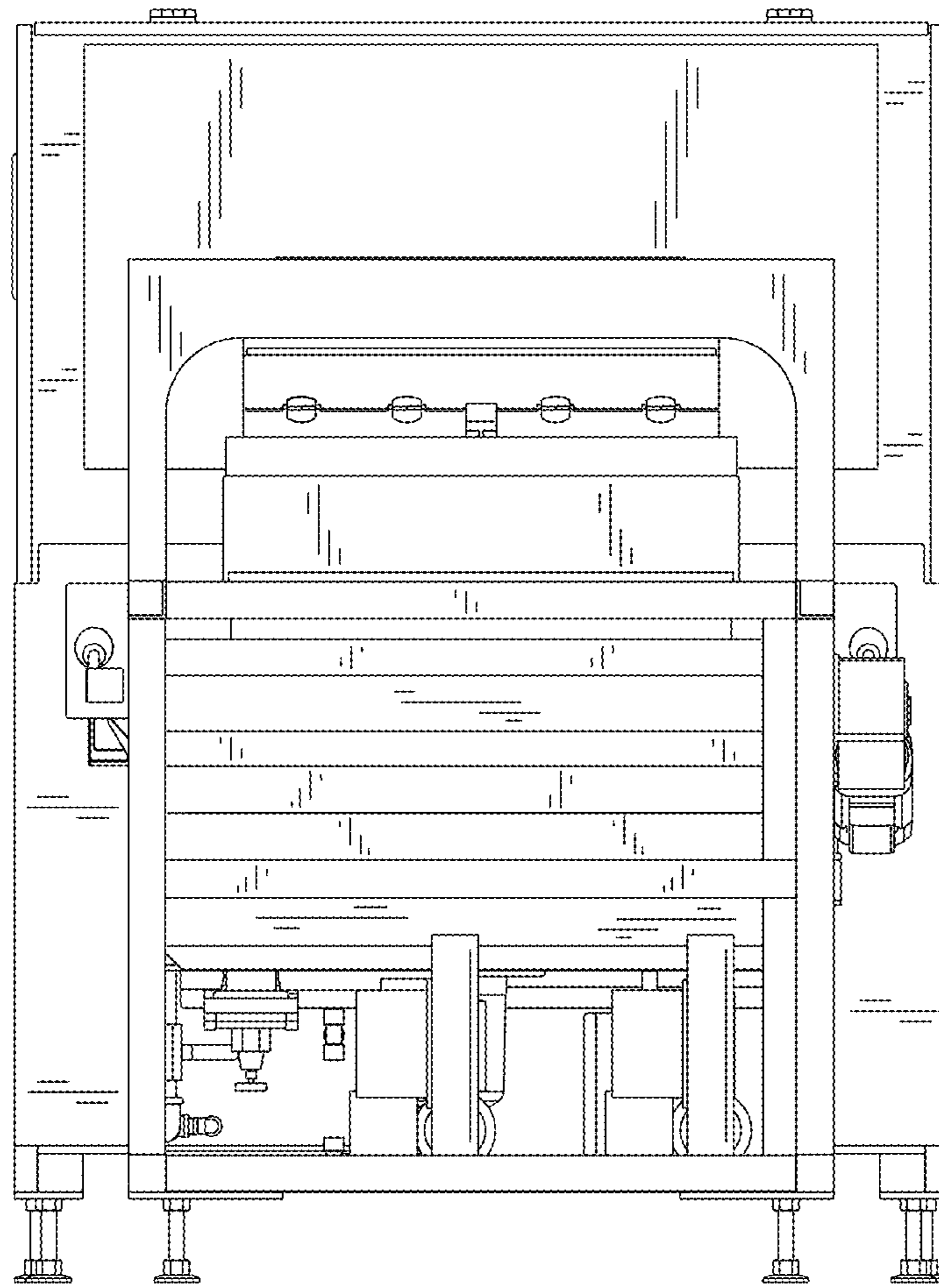


FIG. 4

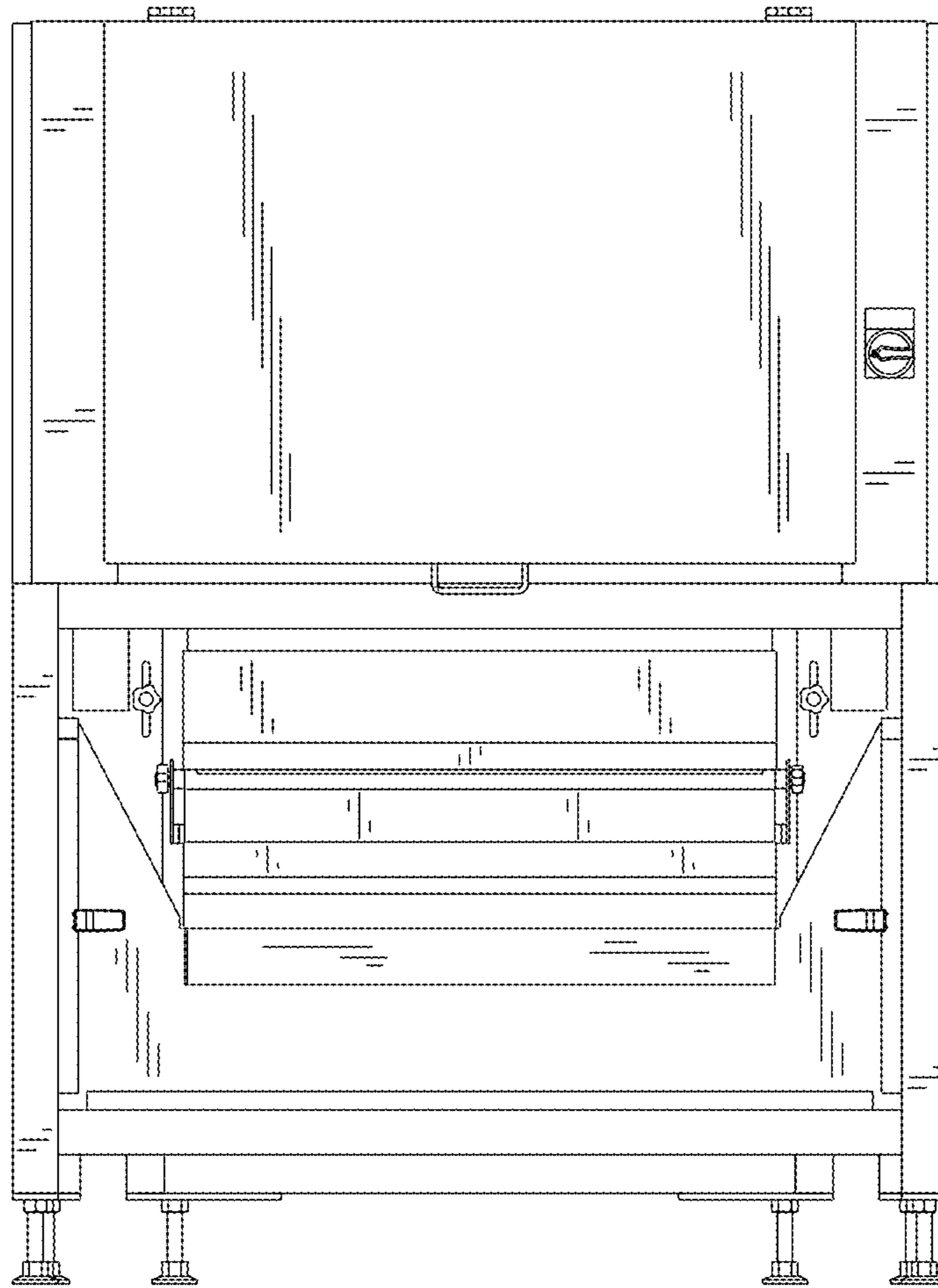


FIG. 5

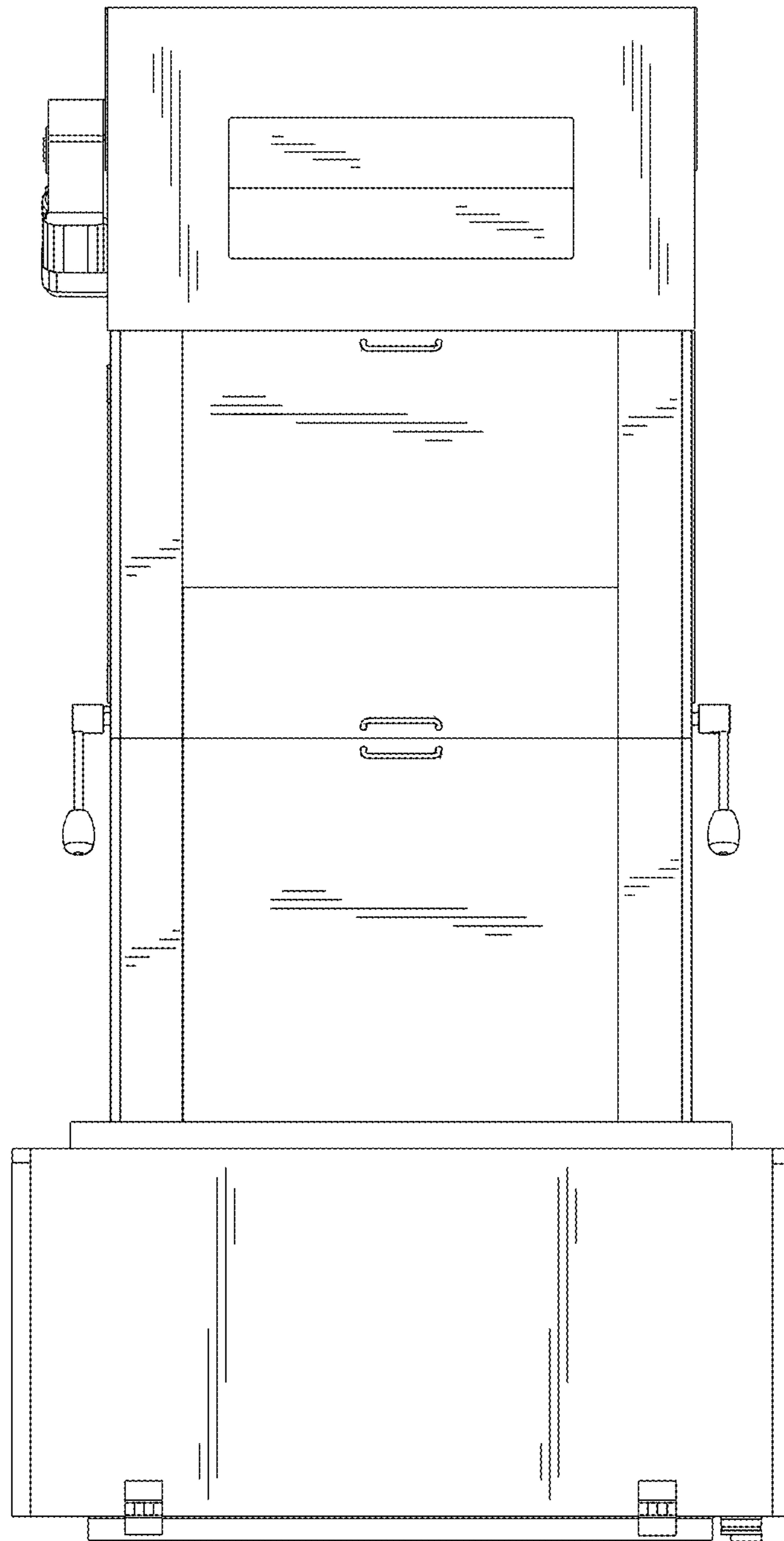


FIG. 6

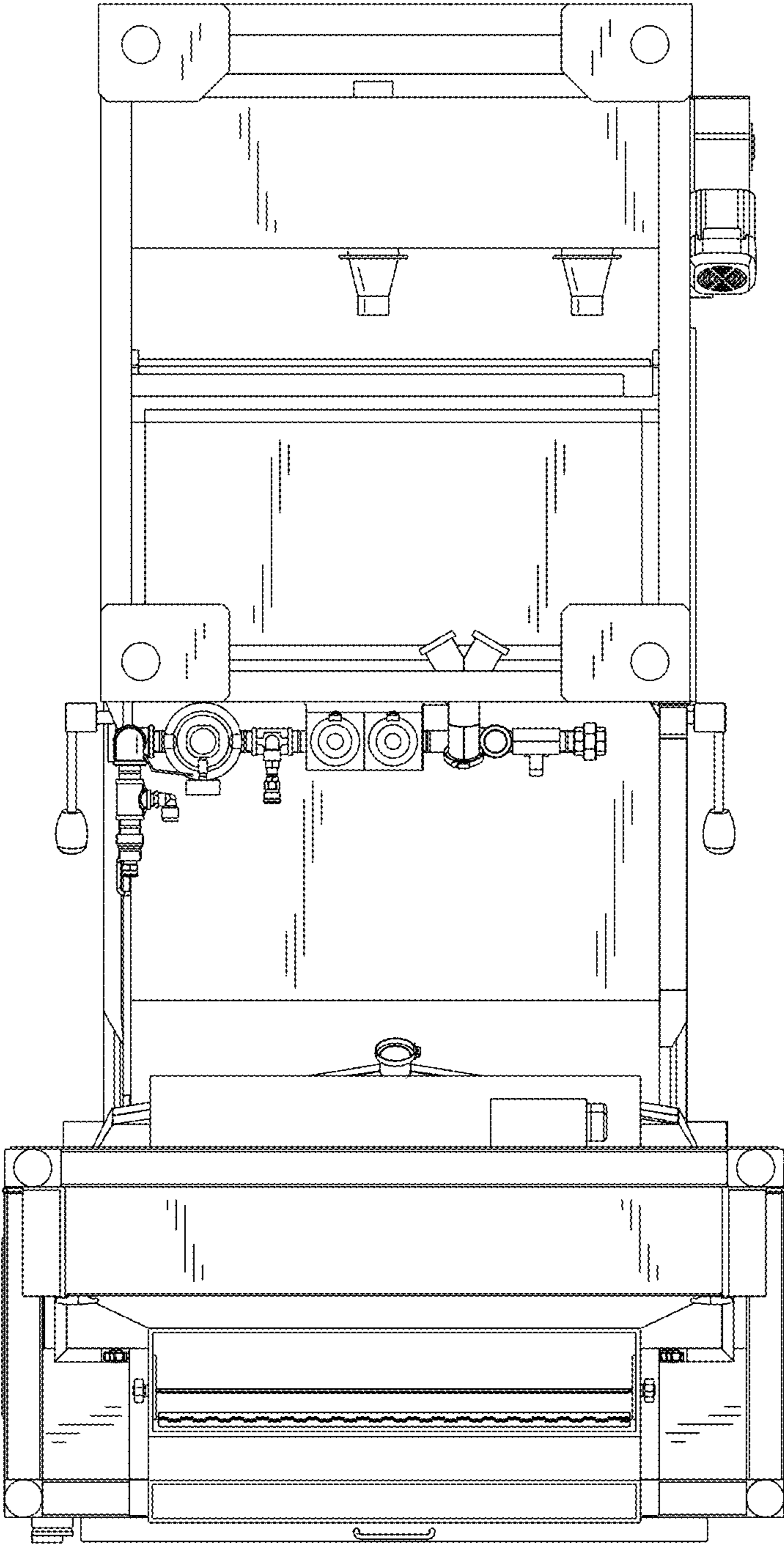


FIG. 7