



US00D750271S

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

(10) **Patent No.:** **US D750,271 S**

(45) **Date of Patent:** **** Feb. 23, 2016**

(54) **SAMPLE TRANSPORTING APPARATUS**

(71) Applicant: **Hitachi High-Technologies Corporation**, Tokyo (JP)

(72) Inventors: **Mitsuru Oonuma**, Tokyo (JP); **Yoko Sato**, Tokyo (JP); **Hiroyuki Noda**, Tokyo (JP); **Shinji Azuma**, Tokyo (JP); **Naoto Tsujimura**, Tokyo (JP)

(73) Assignee: **HITACHI HIGH-TECHNOLOGIES CORPORATION**, Tokyo (JP)

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

(21) Appl. No.: **29/493,666**

(22) Filed: **Jun. 12, 2014**

(30) **Foreign Application Priority Data**

Dec. 13, 2013 (JP) 2013-029250

(51) **LOC (10) Cl.** **24-01**

(52) **U.S. Cl.**
USPC **D24/216**

(58) **Field of Classification Search**
USPC D24/216, 231, 232, 107; D34/19, 23; D7/605; D15/81, 83; 62/78, 457.1, 62/457.2, 457.9; 435/1.1, 1.2, 1.3, 284.1
CPC .. A01N 1/0273; A01N 1/0247; A01N 1/0268
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,881,990 A * 5/1975 Burton et al. 435/1.2
6,401,484 B2 * 6/2002 Gano, III 62/457.5

D470,594 S * 2/2003 Brassil et al. D24/216
7,607,630 B2 * 10/2009 Jung et al. 248/440.1
D664,261 S * 7/2012 Kravitz et al. D24/216
D671,653 S * 11/2012 Kravitz et al. D24/216
D672,466 S * 12/2012 Kravitz et al. D24/216
8,474,274 B2 * 7/2013 Schalla et al. 62/89
D705,943 S * 5/2014 Chang et al. D24/216
2008/0149645 A1 * 6/2008 Shin 220/592.01
2012/0276620 A1 * 11/2012 Kravitz et al. 435/284.1

* cited by examiner

Primary Examiner — Anhdao Doan

(74) *Attorney, Agent, or Firm* — Baker Botts L.L.P.

(57) **CLAIM**

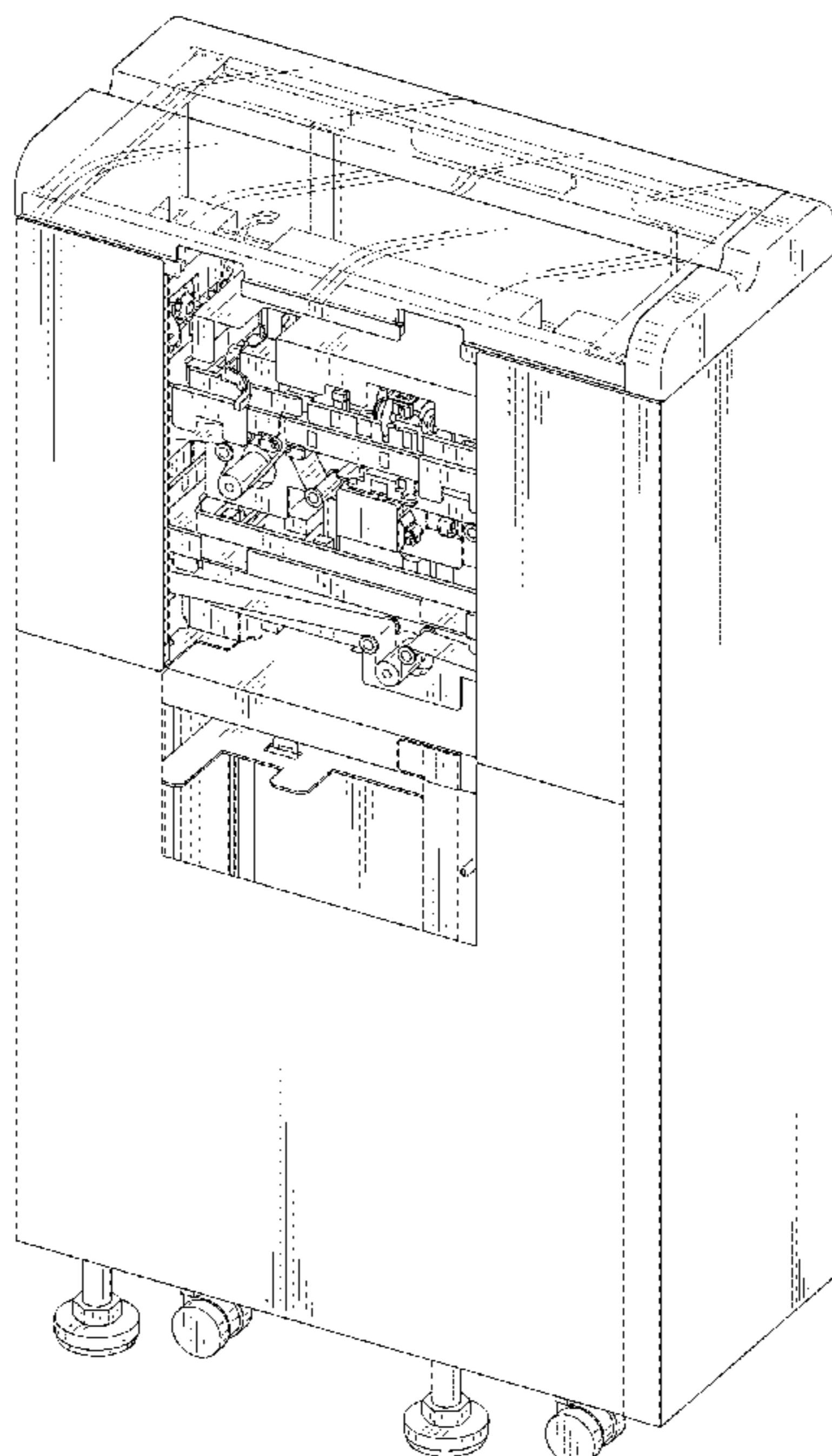
The ornamental design for a sample transporting apparatus, as shown and described.

DESCRIPTION

FIG. 1 is a front, top and right side perspective view of a sample transporting apparatus showing our new design; FIG. 2 is a front elevational view thereof; FIG. 3 is a rear elevational view thereof; FIG. 4 is a left side elevational view thereof; FIG. 5 is a right side elevational view thereof; FIG. 6 is a top plan view thereof; FIG. 7 is a bottom plan view thereof; FIG. 8 is a cross sectional view taken along the lines 8-8 of FIG. 2 thereof; and, FIG. 9 is a cross sectional view taken along the lines 9-9 of FIG. 2 thereof.

The broken lines in the drawing views are included for the purpose of illustrating portions of the sample transporting apparatus that form no part of the claimed design.

1 Claim, 6 Drawing Sheets



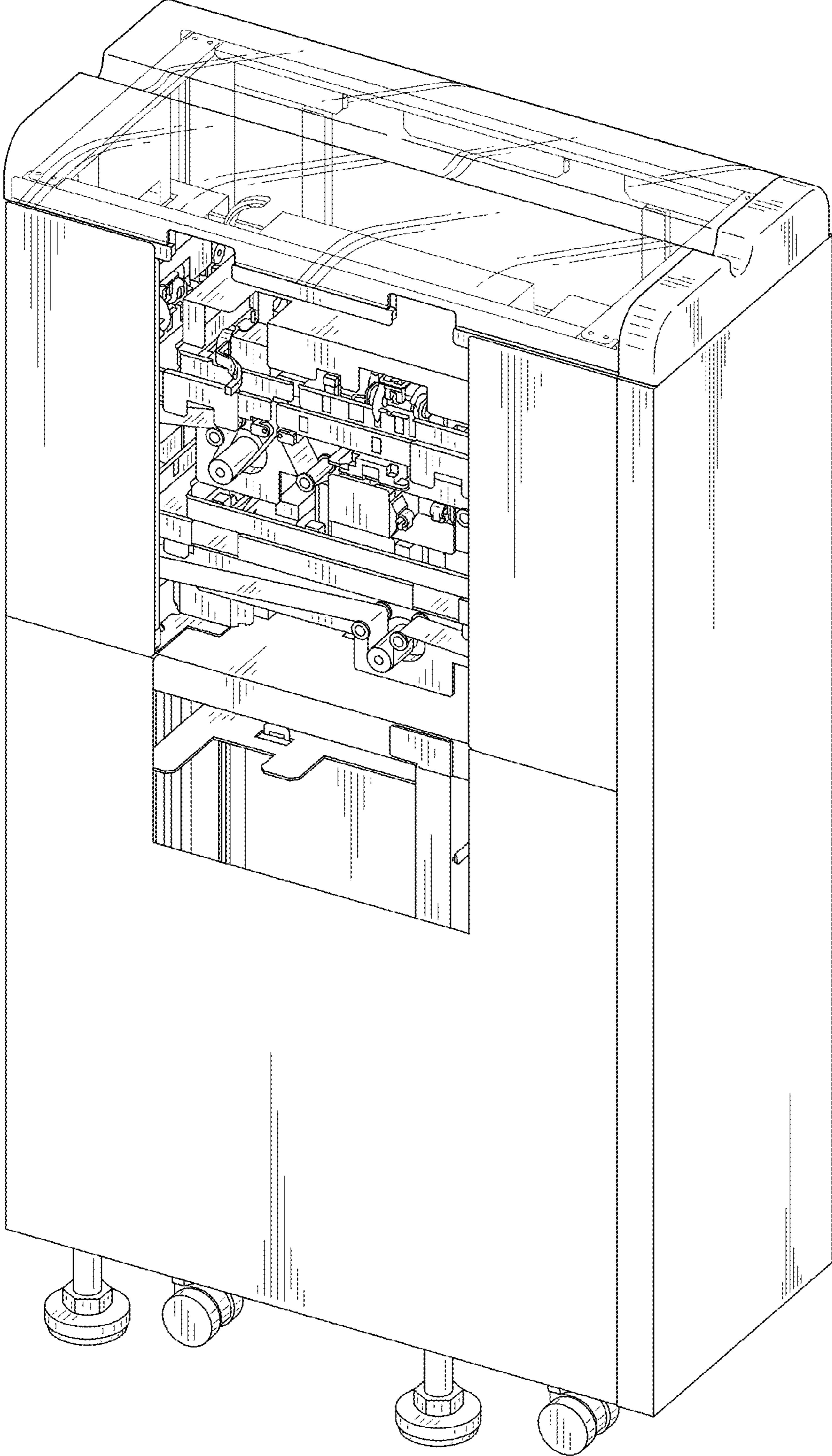


FIG. 1

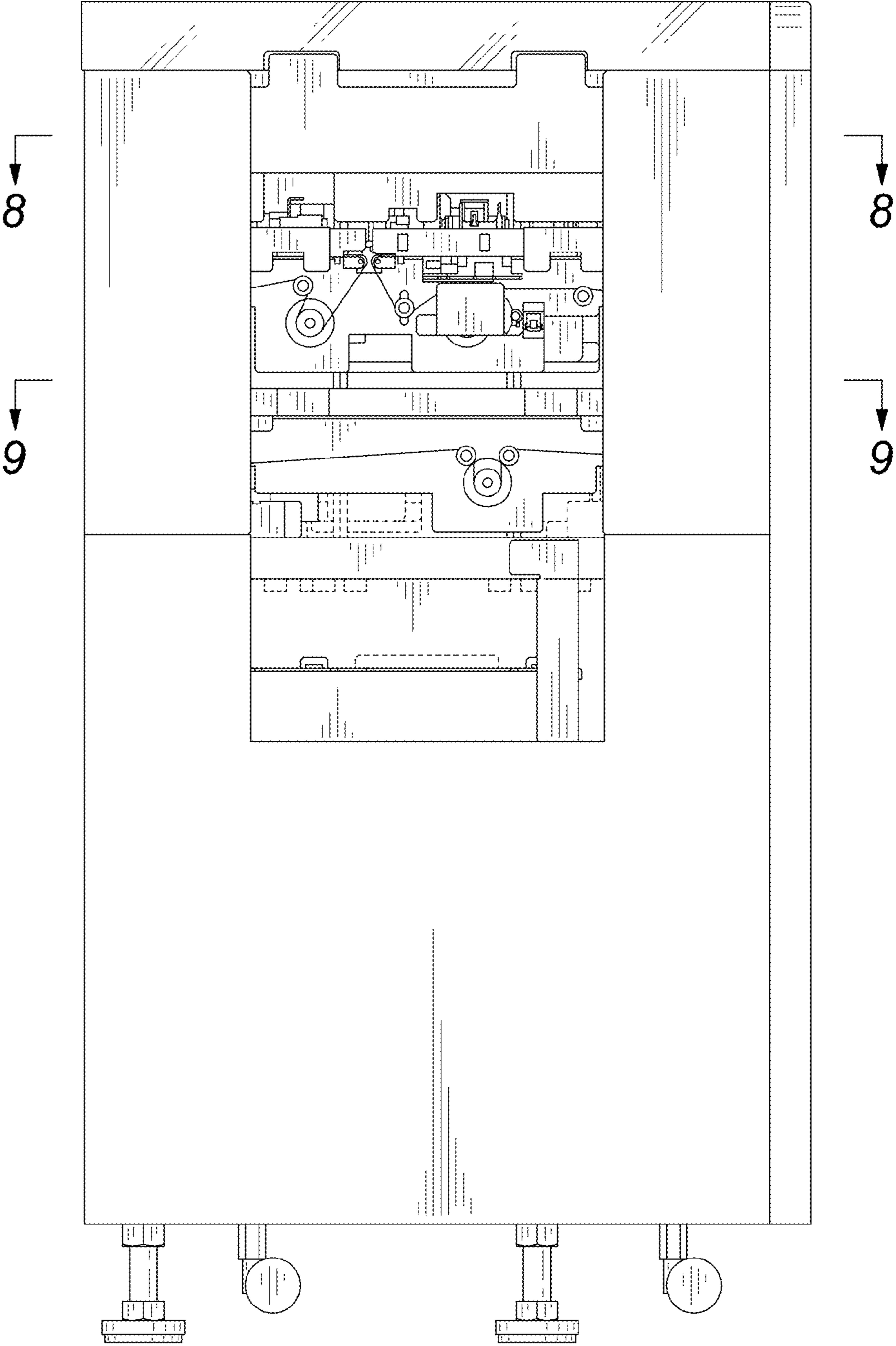


FIG. 2

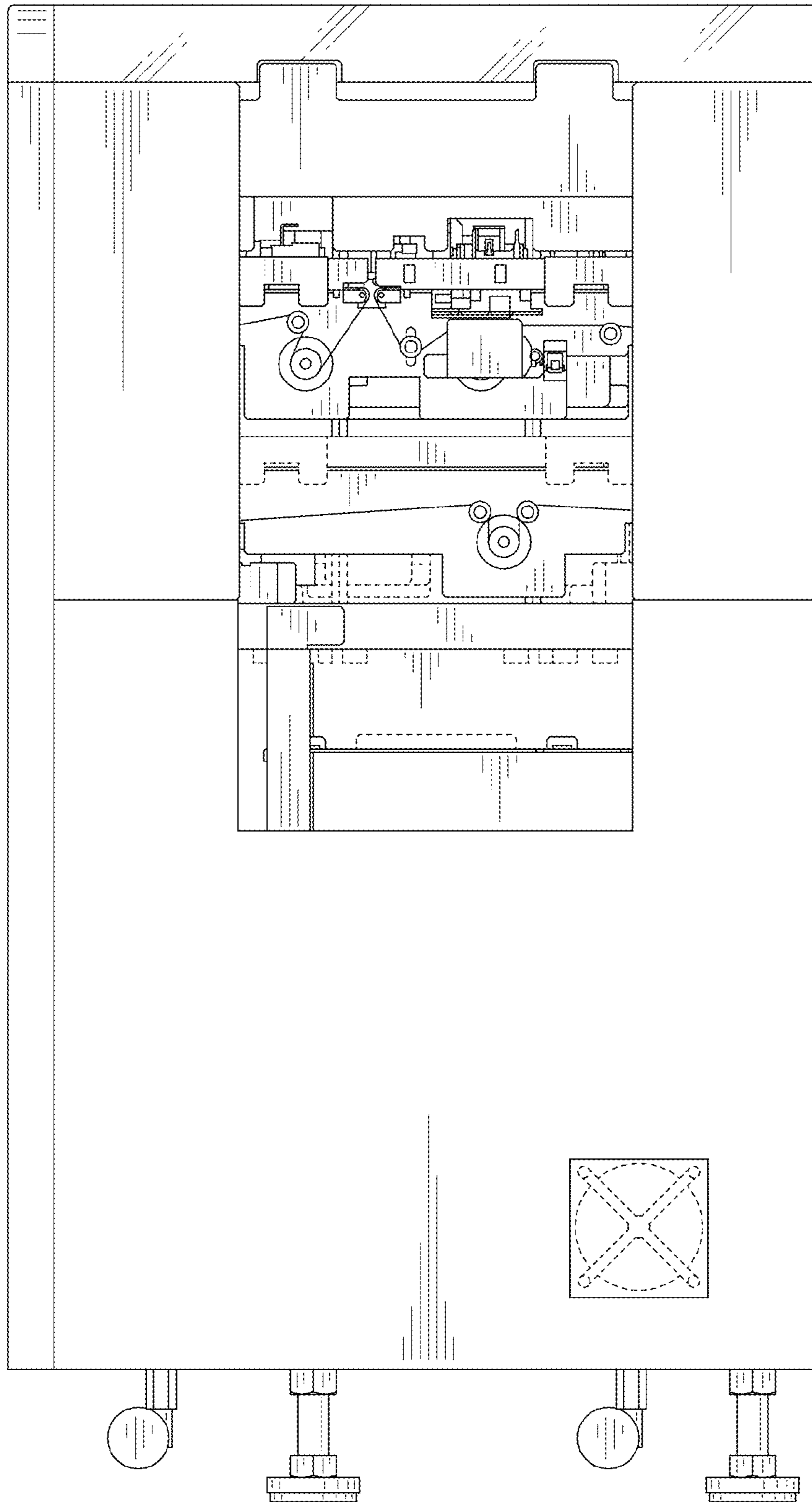


FIG. 3

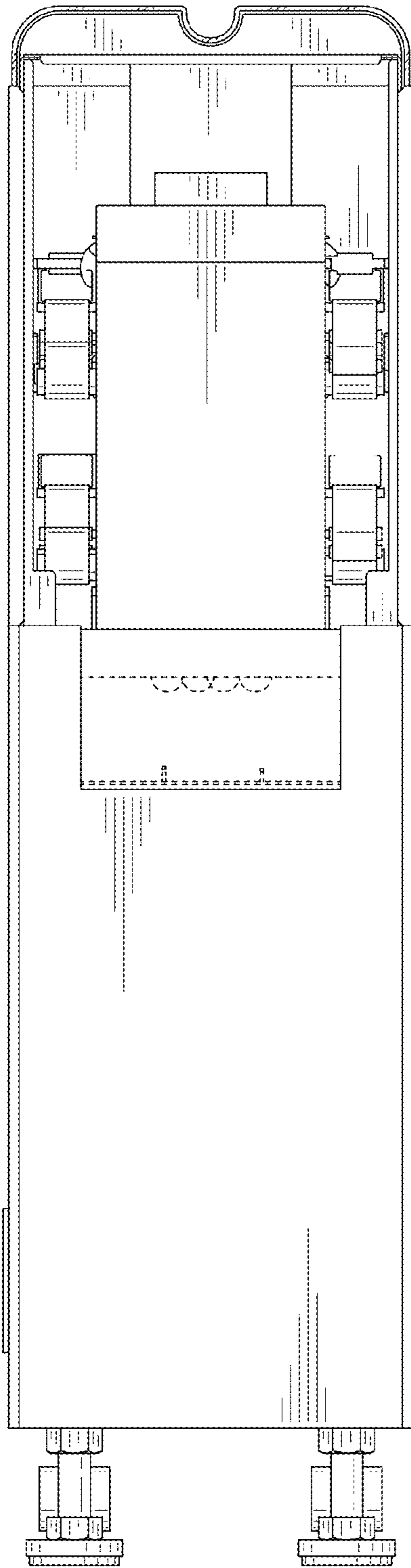


FIG. 4

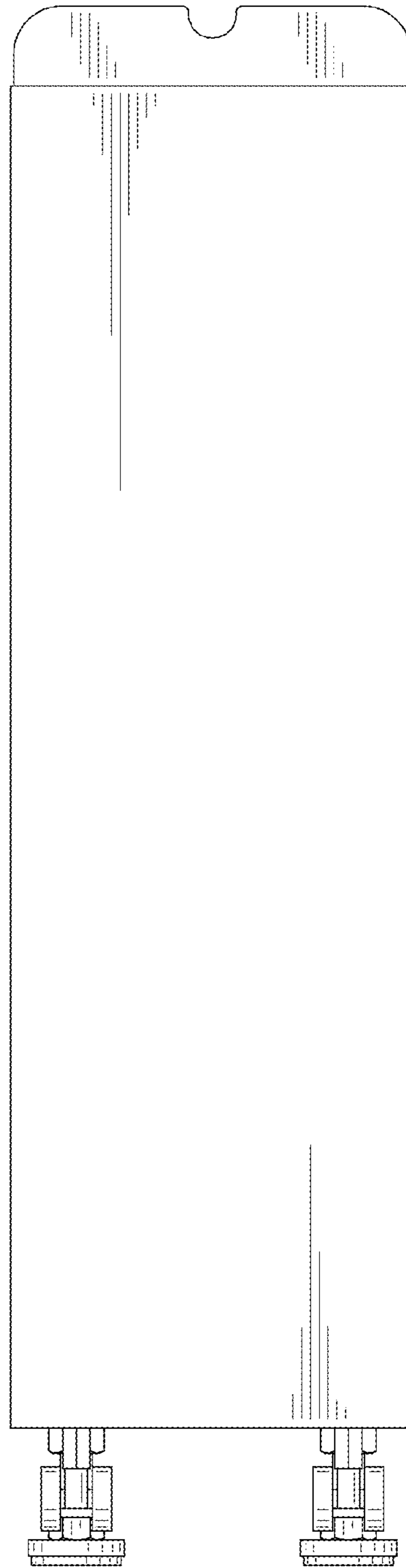


FIG. 5

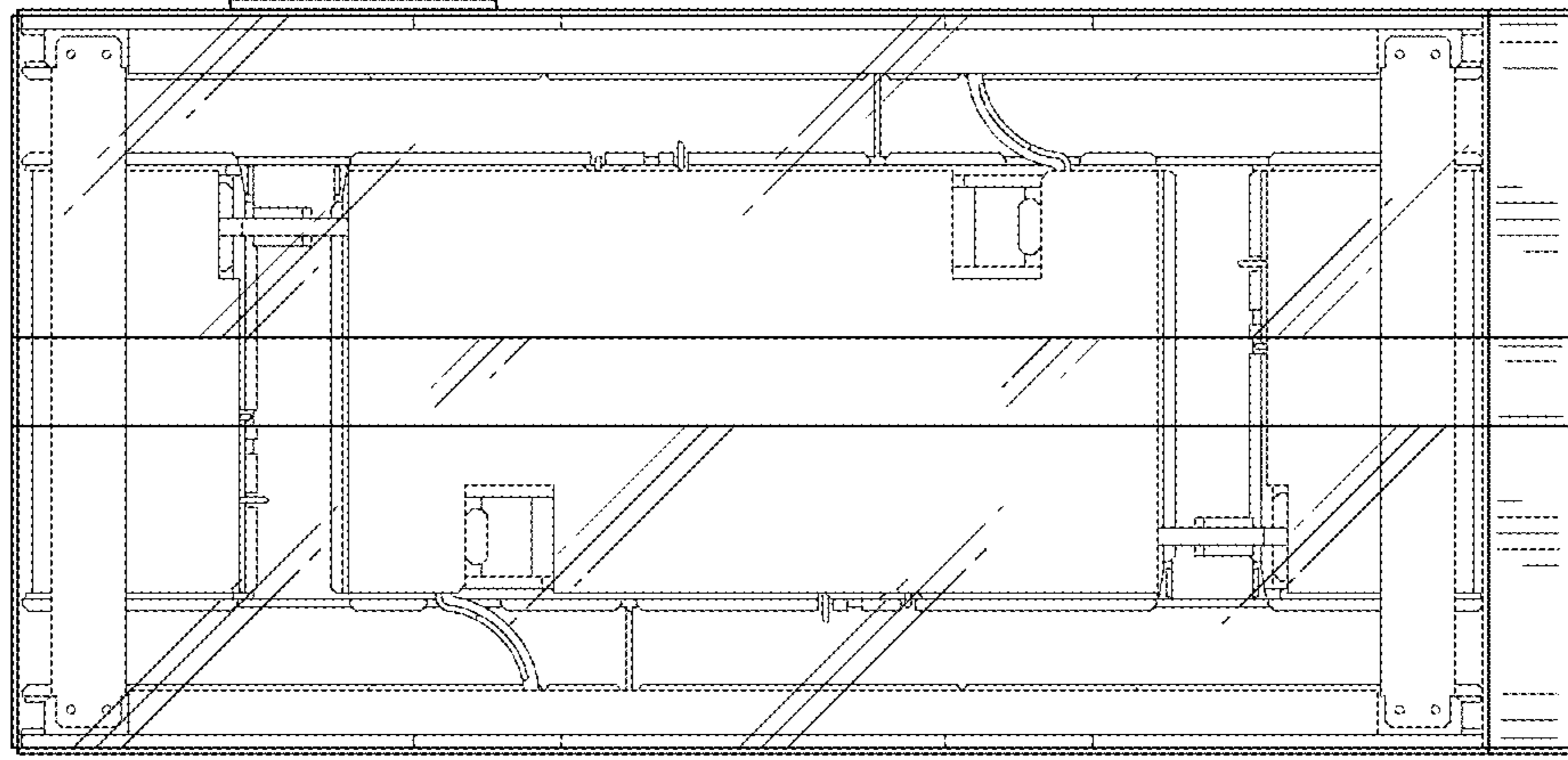


FIG. 6

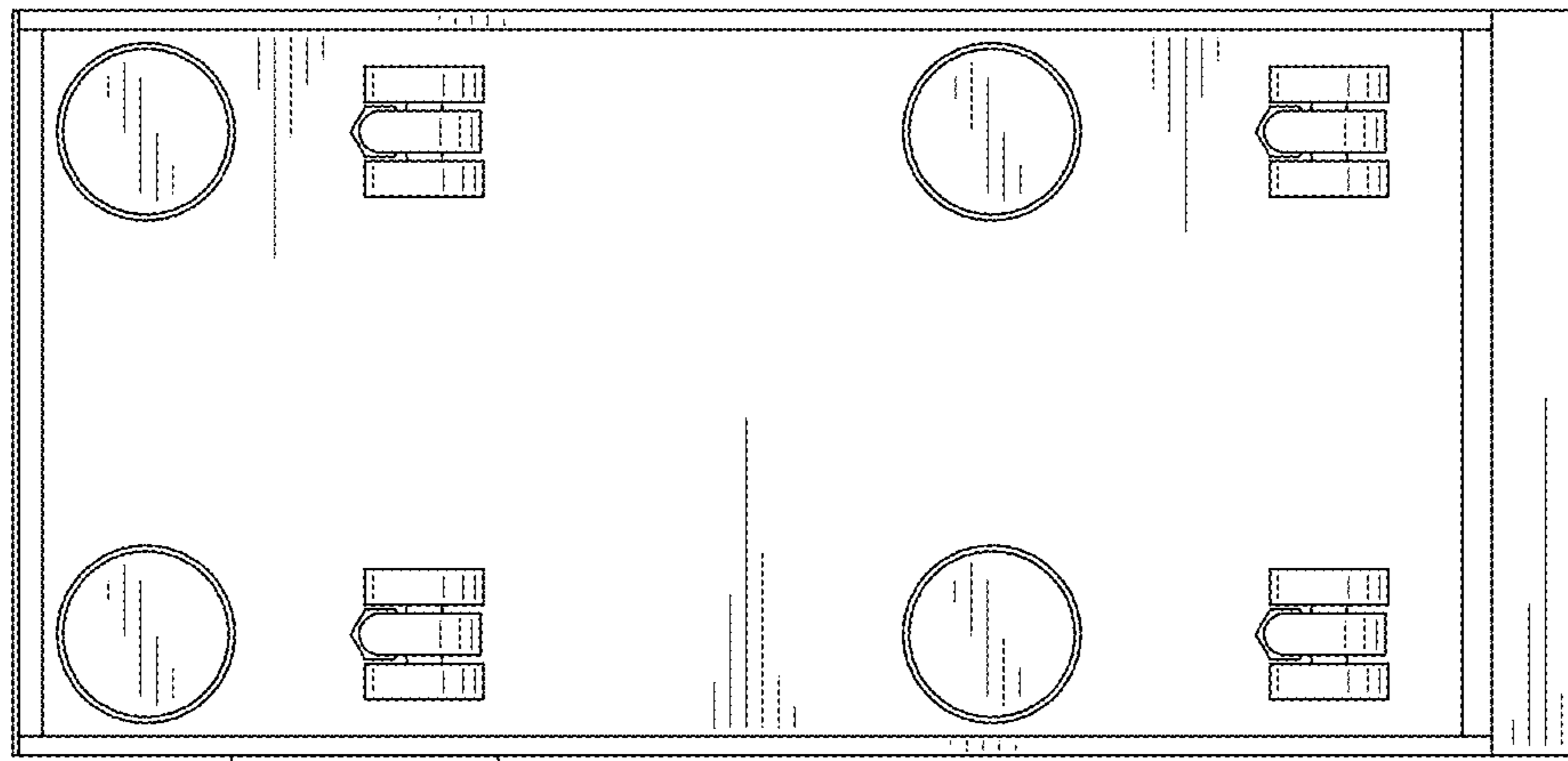


FIG. 7

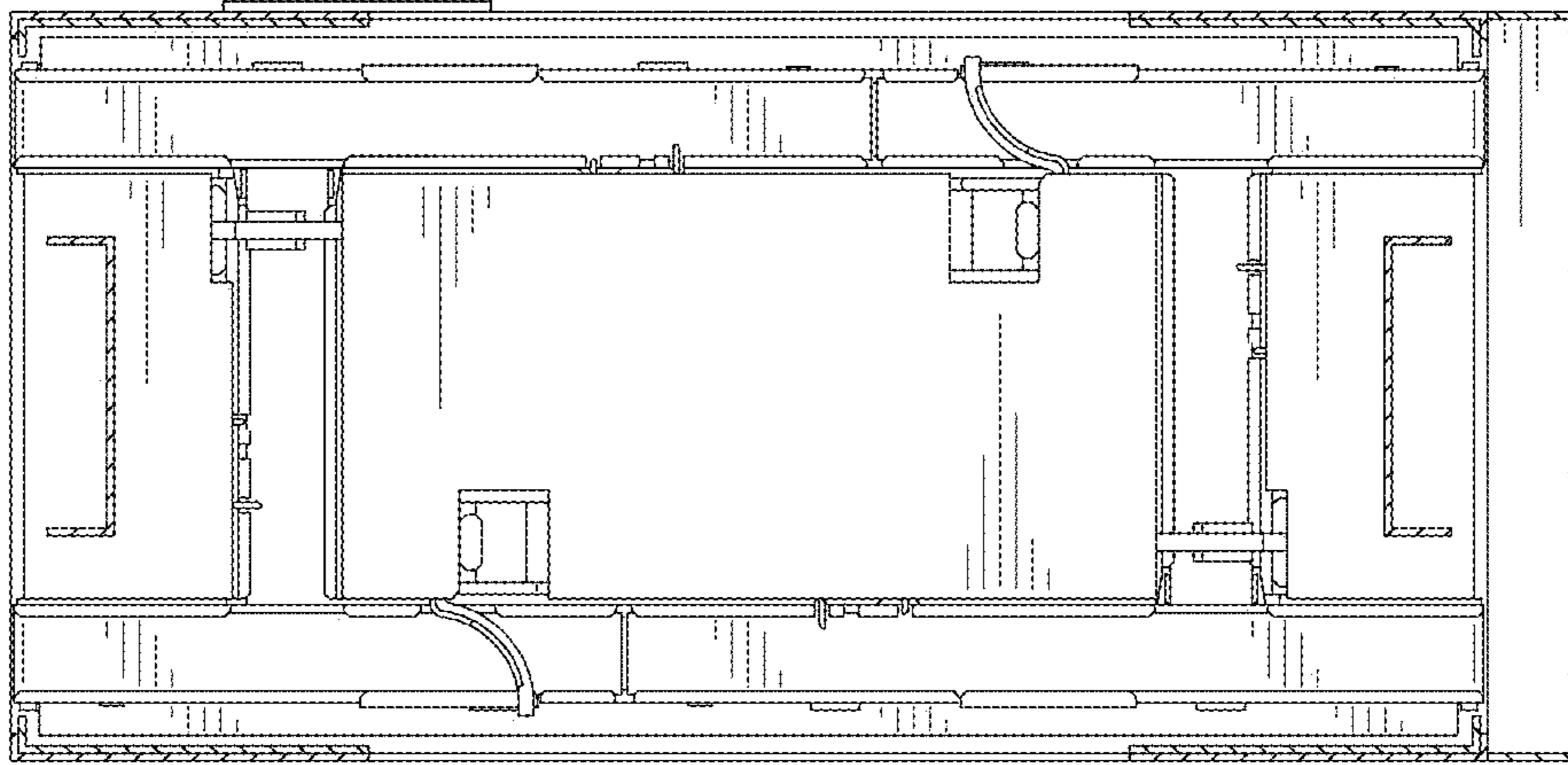


FIG. 8

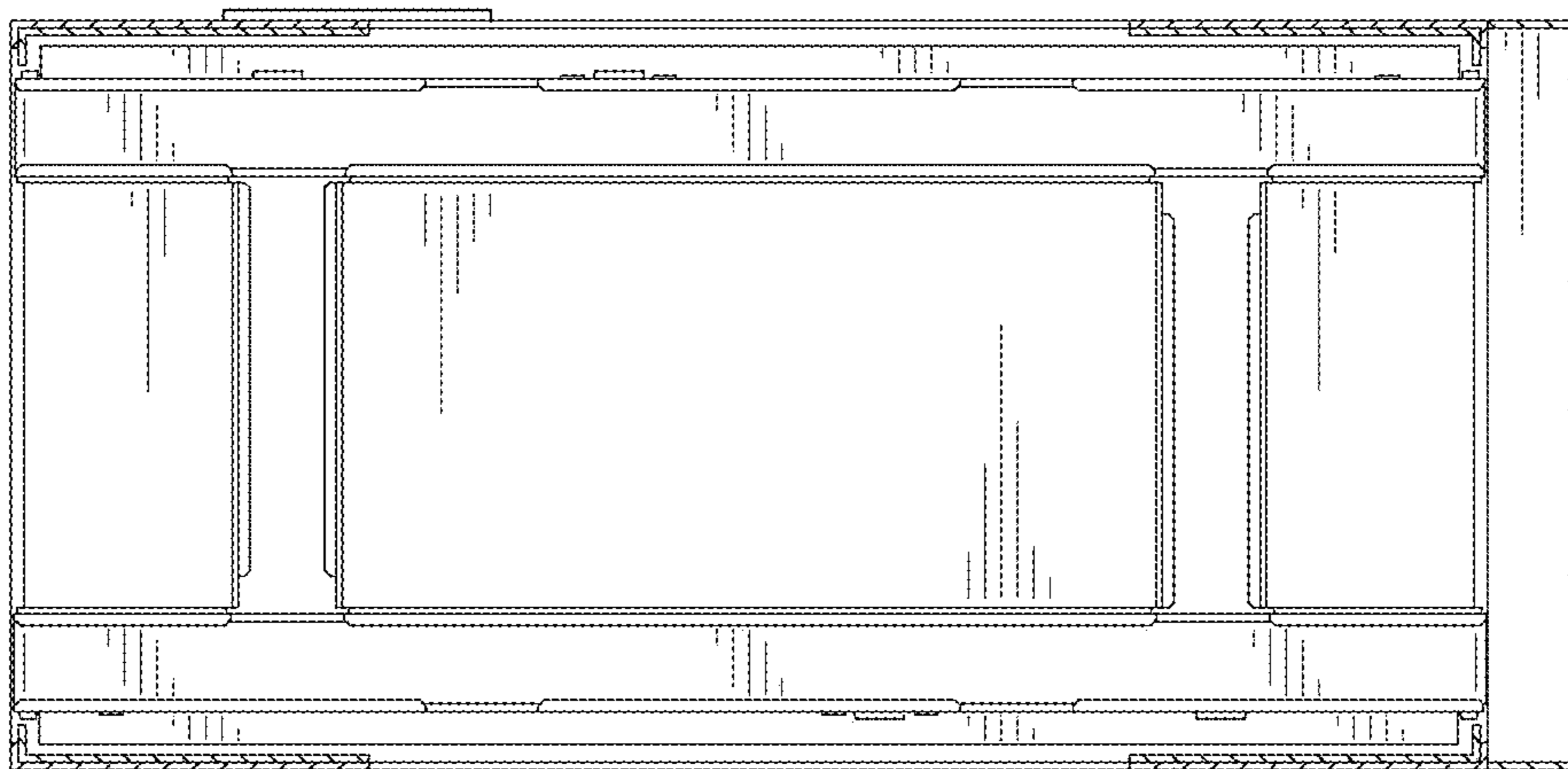


FIG. 9