



US00D700975S

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

(10) **Patent No.:** **US D700,975 S**
(45) **Date of Patent:** **** Mar. 11, 2014**

(54) **SAMPLE TRANSFER MODULE FOR
CLINICAL LABORATORY AUTOMATION
SYSTEM**

D653,766 S * 2/2012 Oonuma et al. D24/216
D655,822 S * 3/2012 Oonuma et al. D24/216
2008/0019868 A1* 1/2008 Okumoto et al. 422/63

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FOREIGN PATENT DOCUMENTS

JP D 1414658 S 5/2011

* cited by examiner

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

(57) **CLAIM**

(21) Appl. No.: **29/431,886**

We claim the ornamental design for a sample transfer module for clinical laboratory automation system, as shown and described.

(22) Filed: **Sep. 12, 2012**

(30) **Foreign Application Priority Data**

DESCRIPTION

Jun. 7, 2012 (JP) 2012-013502

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

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

(58) **Field of Classification Search**
USPC D24/216, 217, 219, 223, 231, 232, 233,
D24/107, 169, 186; D10/81; 422/62–65, 67,
422/500, 547; 436/43, 45, 47; 435/287.1,
435/287.3

See application file for complete search history.

FIG. 1 is a front, top and right side perspective view of a sample transfer module for clinical laboratory automation system 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; and,

FIG. 8 is a right side elevational view thereof shown in an opened position.

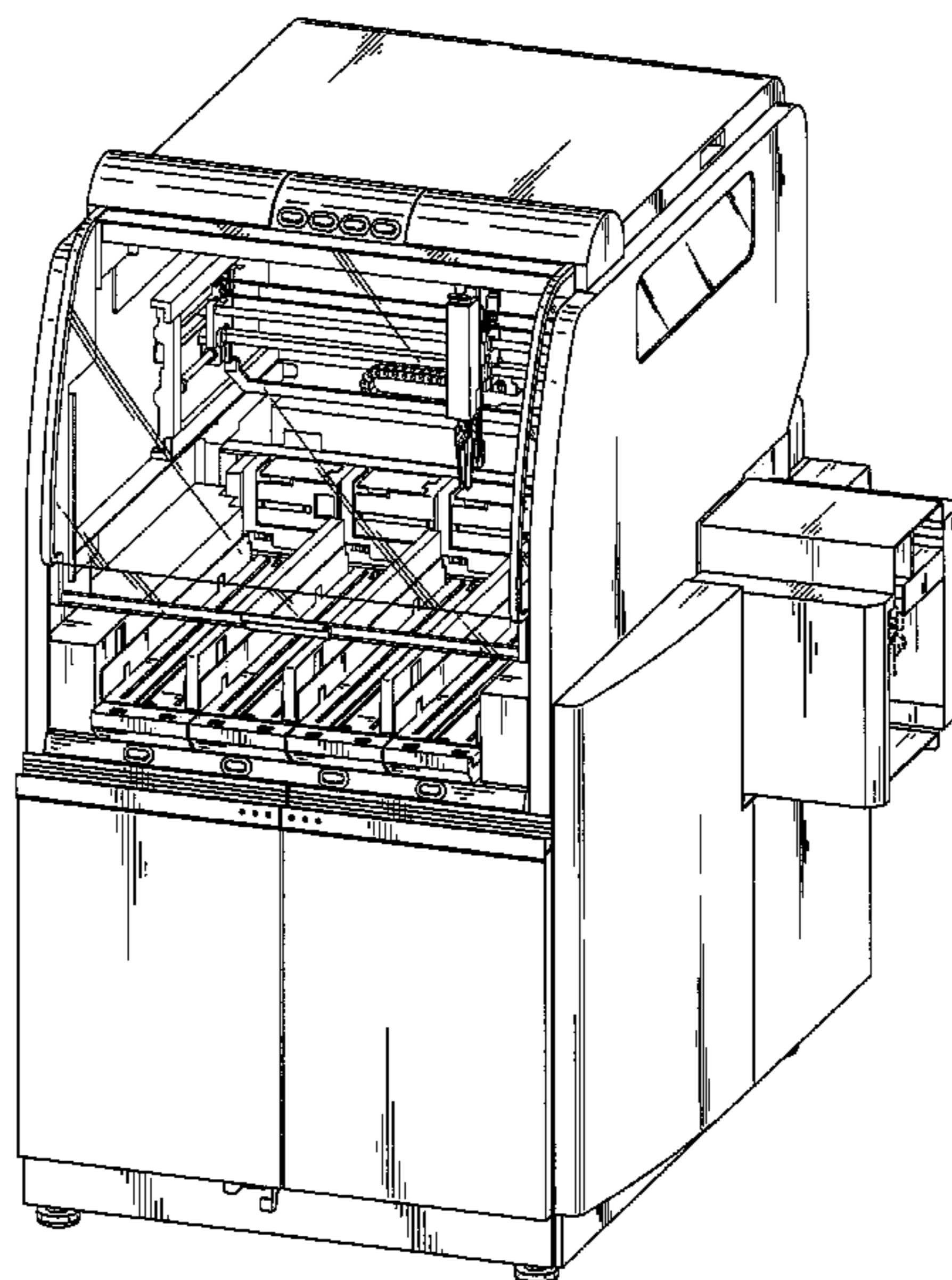
The broken lines in the drawing views are included for the purpose of illustrating portions of the sample transfer module for clinical laboratory automation system that form no part of the claimed design.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D638,952 S * 5/2011 Oonuma et al. D24/216
D646,397 S * 10/2011 Oonuma et al. D24/216

1 Claim, 8 Drawing Sheets



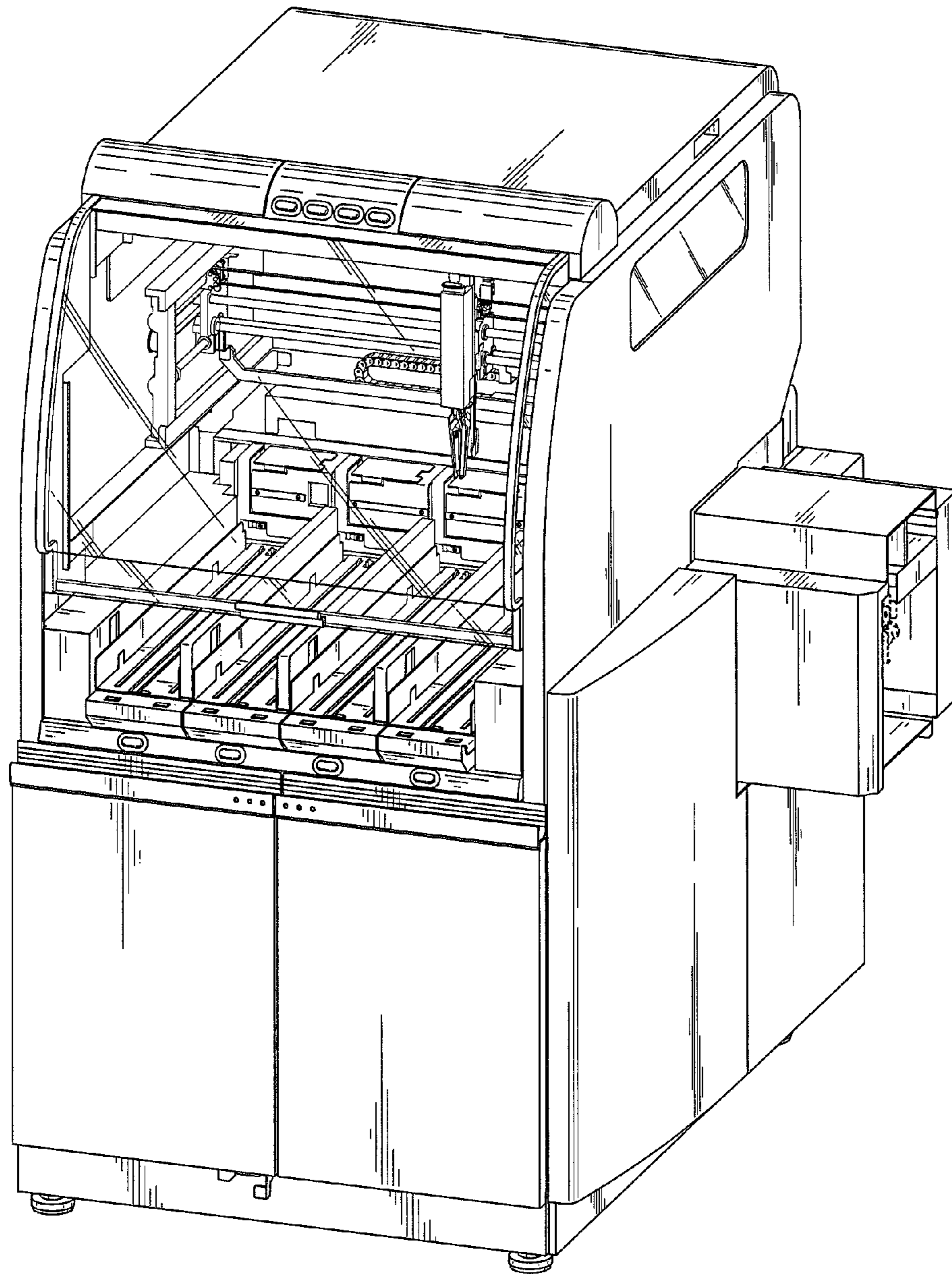


FIG. 1

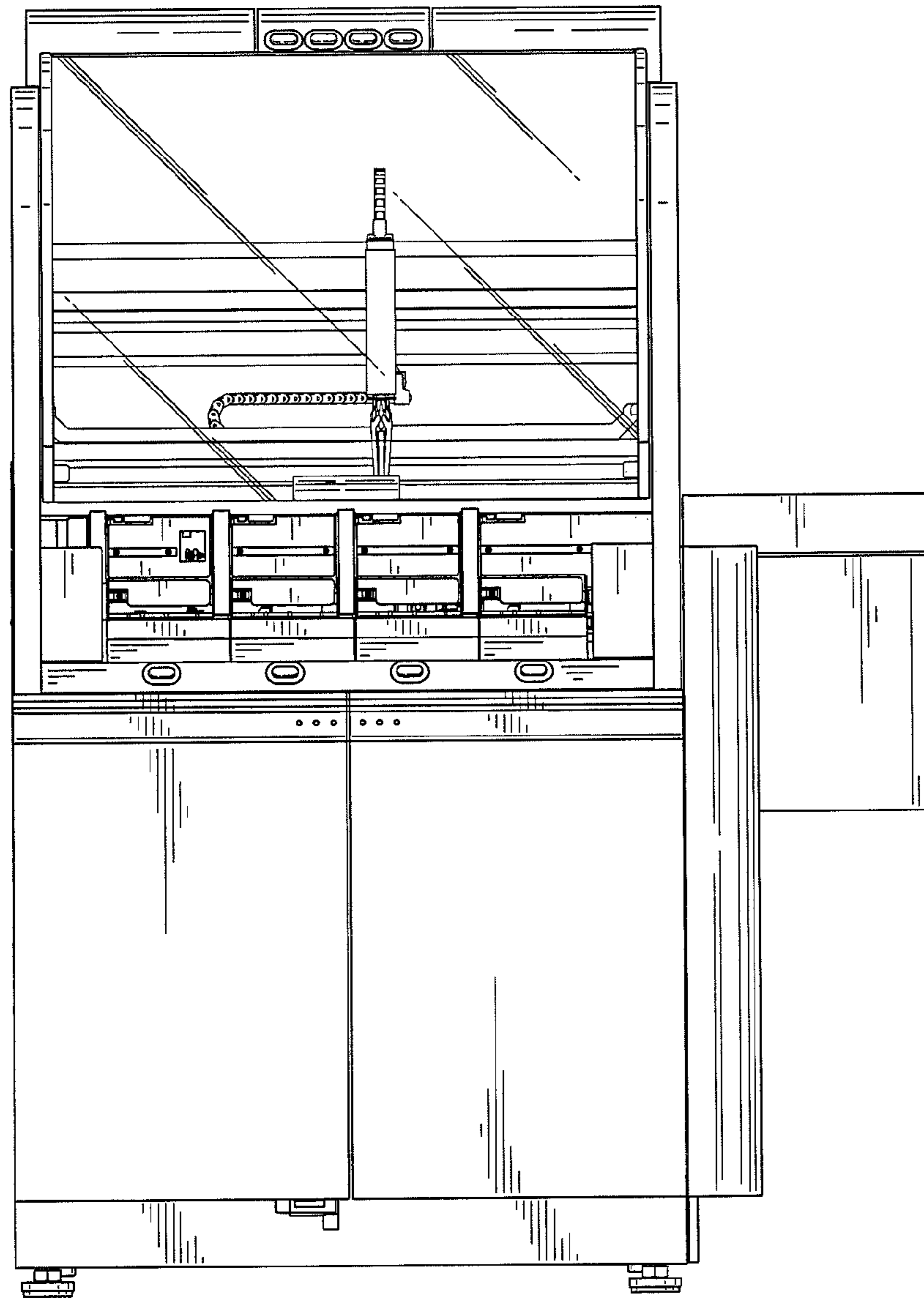


FIG. 2

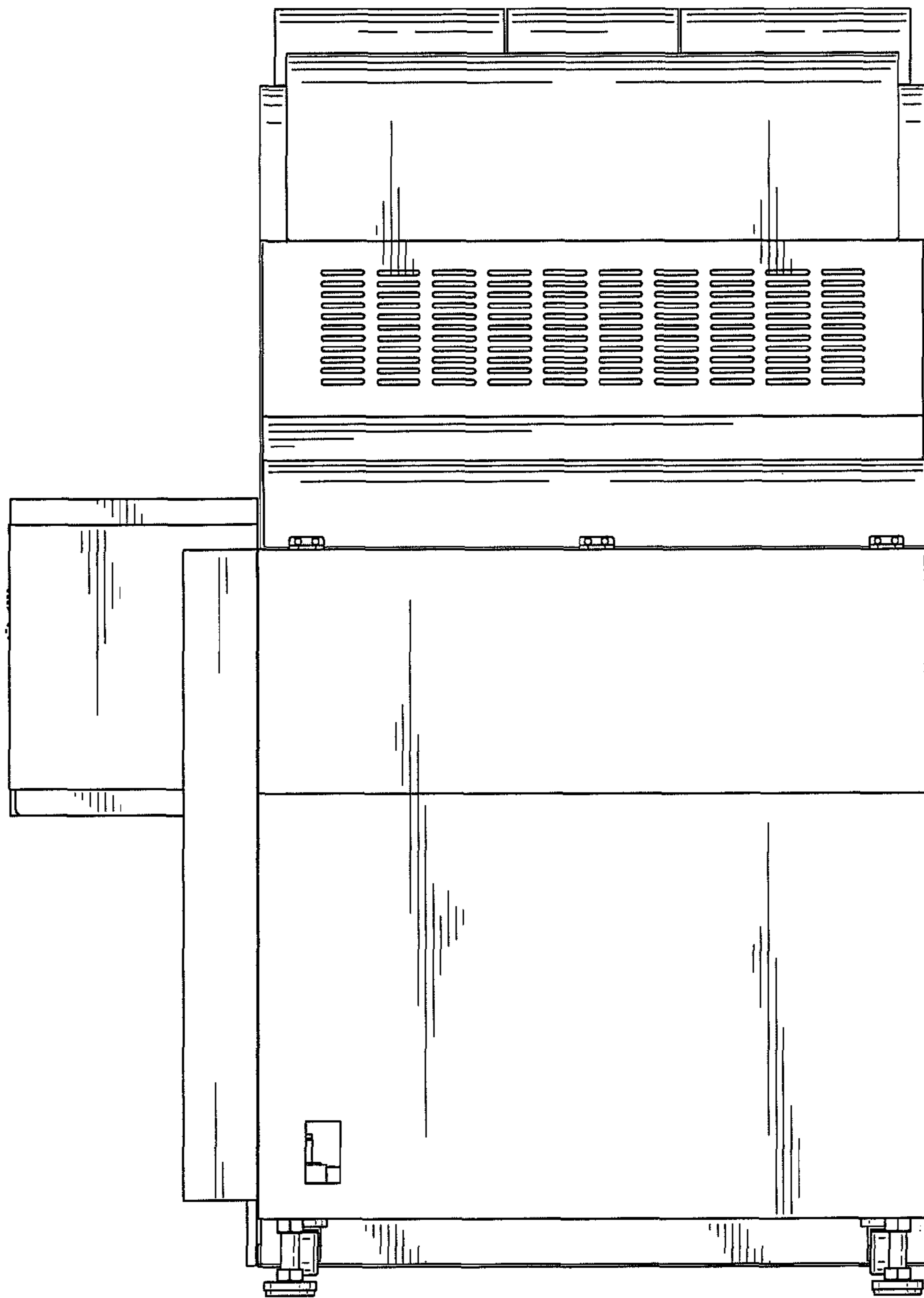


FIG. 3

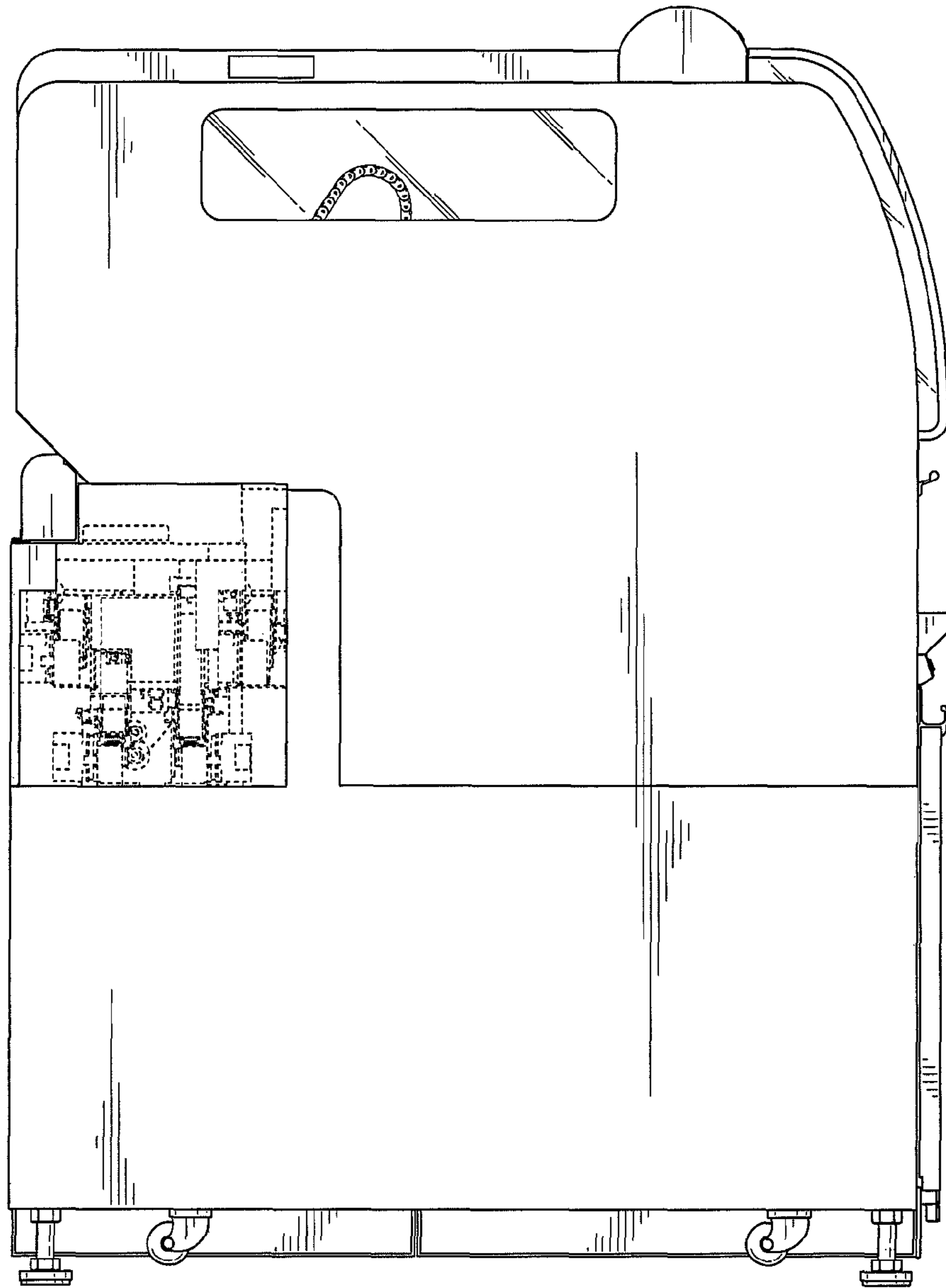


FIG. 4

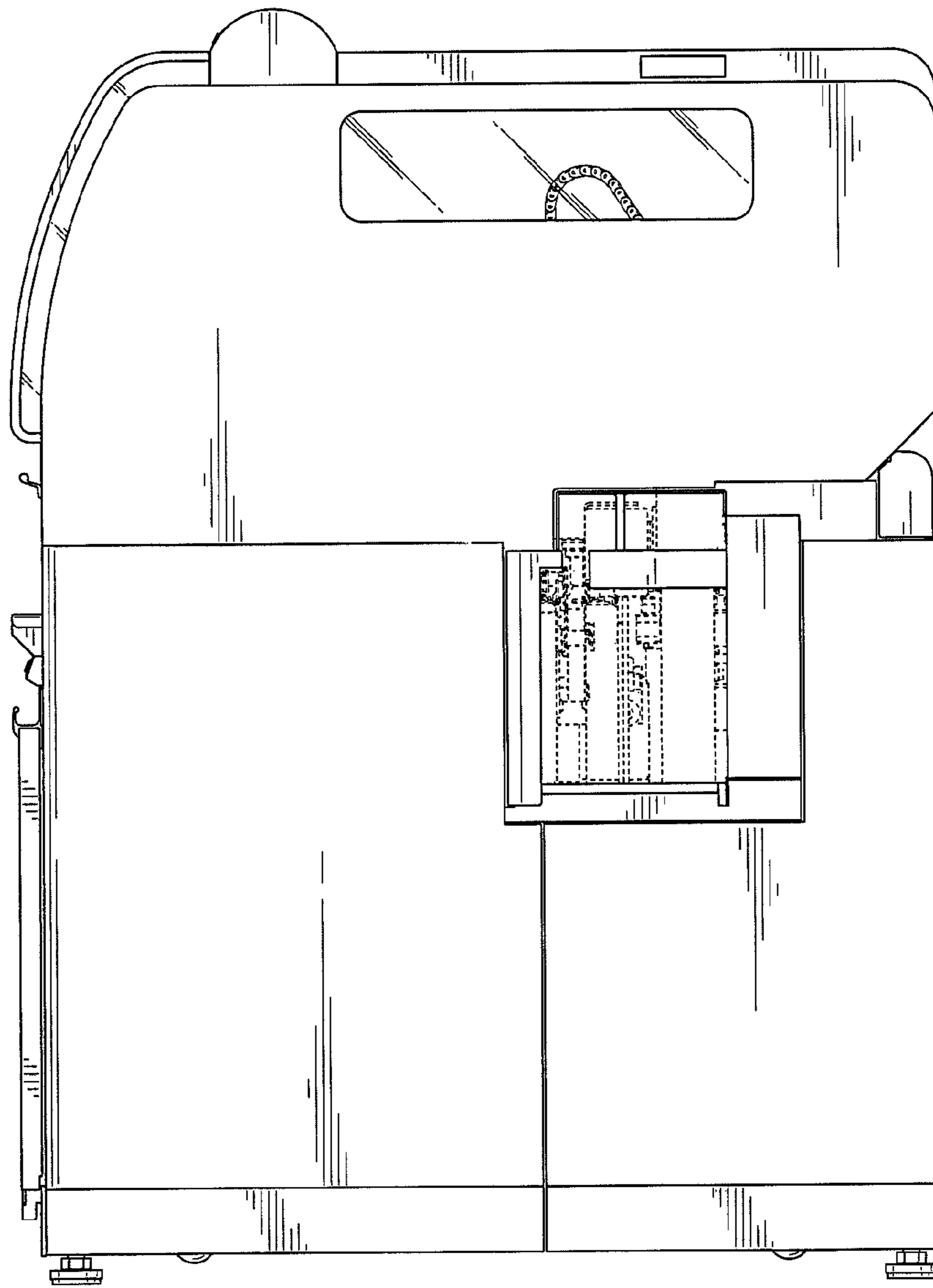


FIG. 5

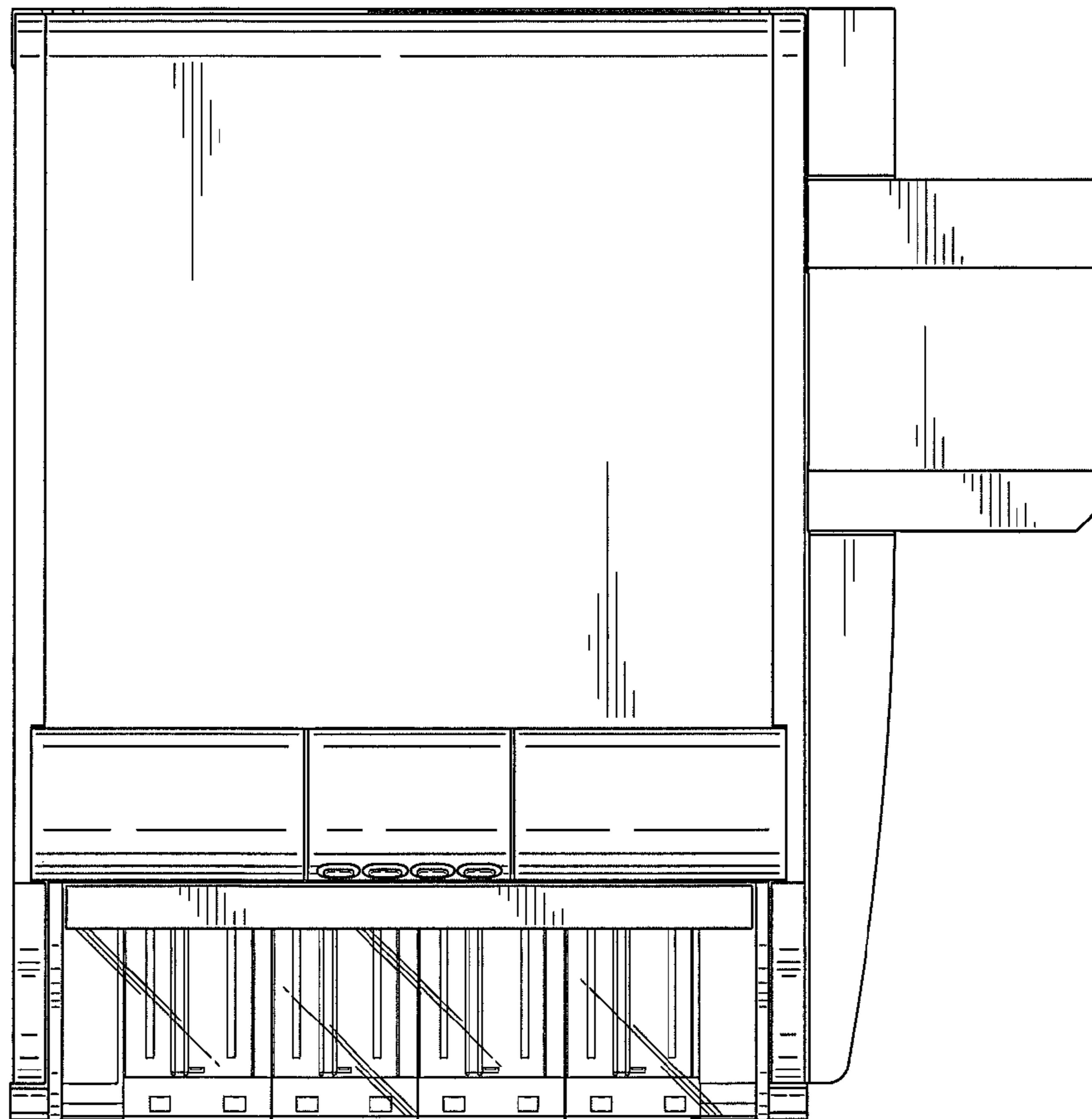


FIG. 6

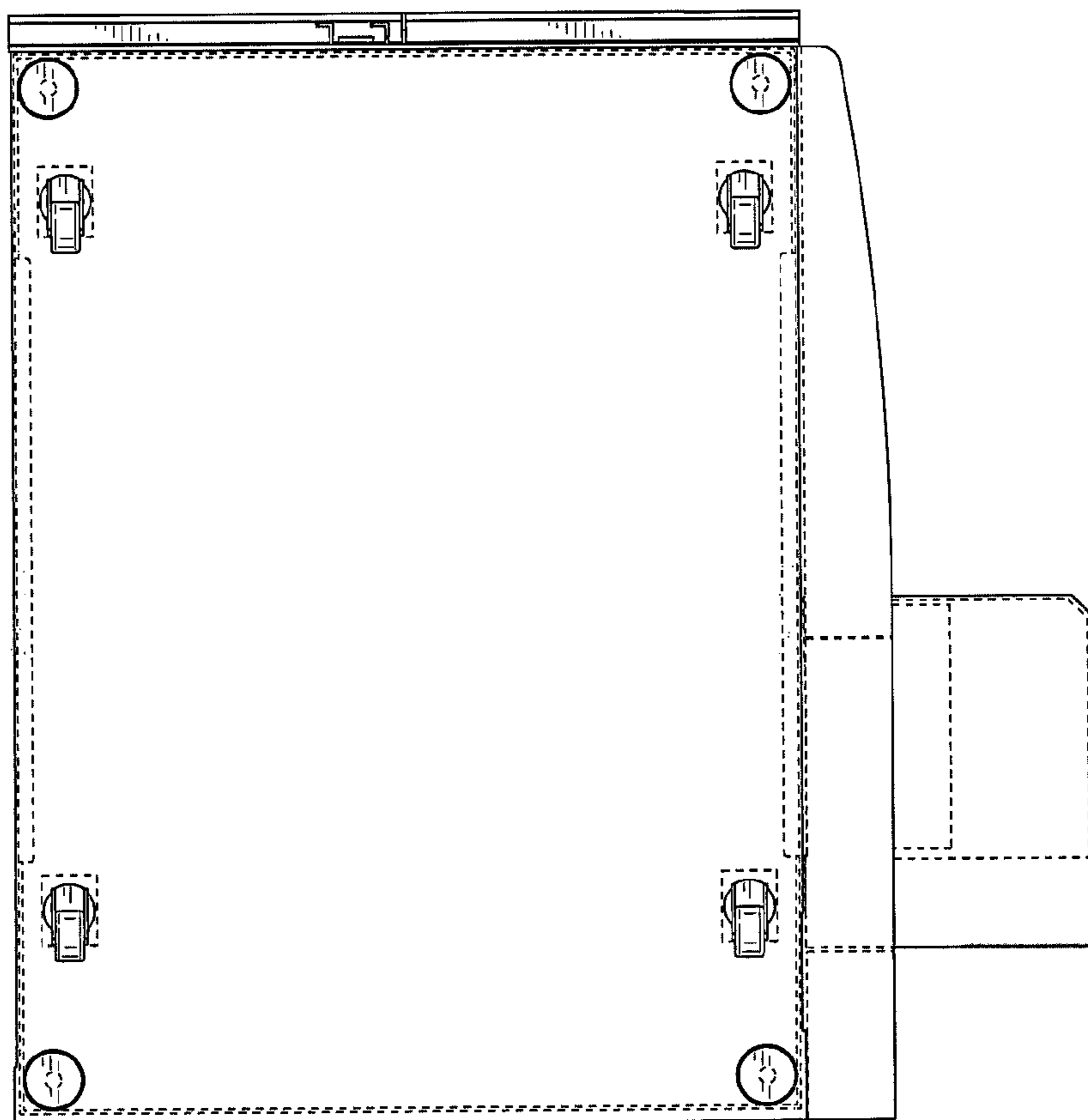


FIG. 7

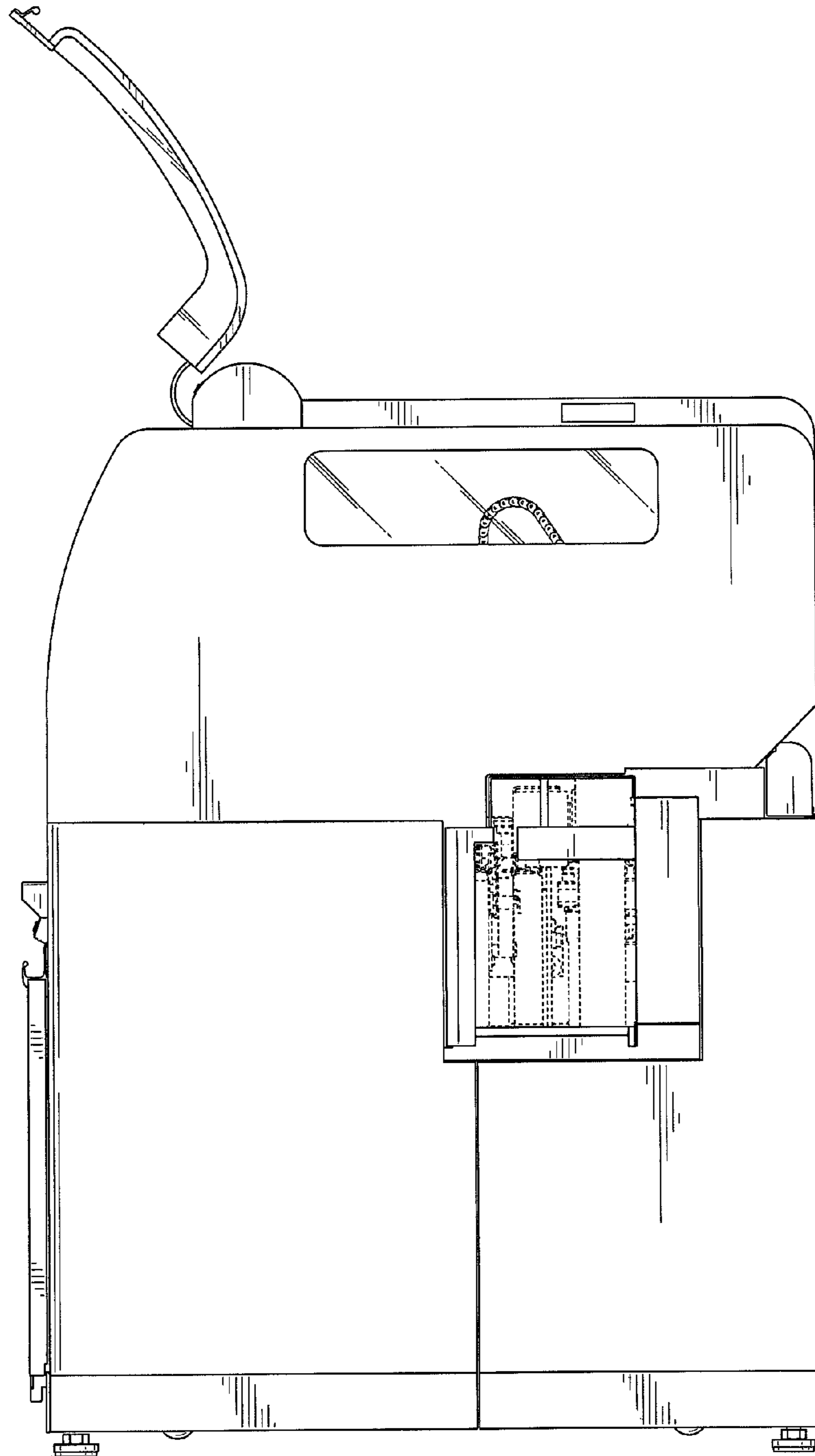


FIG. 8