



US00D403349S

# United States Patent [19]

Hirose et al.

[11] Patent Number: Des. 403,349

[45] Date of Patent: \*\*Dec. 29, 1998

[54] SHEET HANDLING APPARATUS

D. 274,520 7/1984 Bressler ..... D18/49  
4,416,449 11/1983 McNerny ..... D18/47 X

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both of Japan

### [57] CLAIM

The ornamental design for a sheet handling apparatus, as shown and described.

[\*\*] Term: 14 Years

### DESCRIPTION

[21] Appl. No.: 81,217

FIG. 1 is a front elevational view of a sheet handling apparatus embodying our ornamental design;  
FIG. 2 is a top plan view thereof;  
FIG. 3 is a right side view thereof;  
FIG. 4 is a left side view thereof;  
FIG. 5 is a rear view thereof;  
FIG. 6 is a bottom plan view thereof;  
FIG. 7 is a sectional view taken along lines 7—7 of FIG. 2;  
FIG. 8 is a sectional view taken along lines 8—8 of FIG. 2;  
FIG. 9 is a view similar to FIG. 1 but depicting elevating trays in a moved position; and,  
FIG. 10 is a front perspective view.

[22] Filed: Dec. 23, 1997

[51] LOC (6) Cl. .... 18-99

[52] U.S. Cl. .... D18/46; D18/47

[58] Field of Search ..... D18/36-40, 46-49;  
399/361, 367, 369; 271/3.14, 8.1, 278,  
279, 287

### [56] References Cited

#### U.S. PATENT DOCUMENTS

D. 264,847 6/1982 DiBlasio ..... D18/46

1 Claim, 10 Drawing Sheets

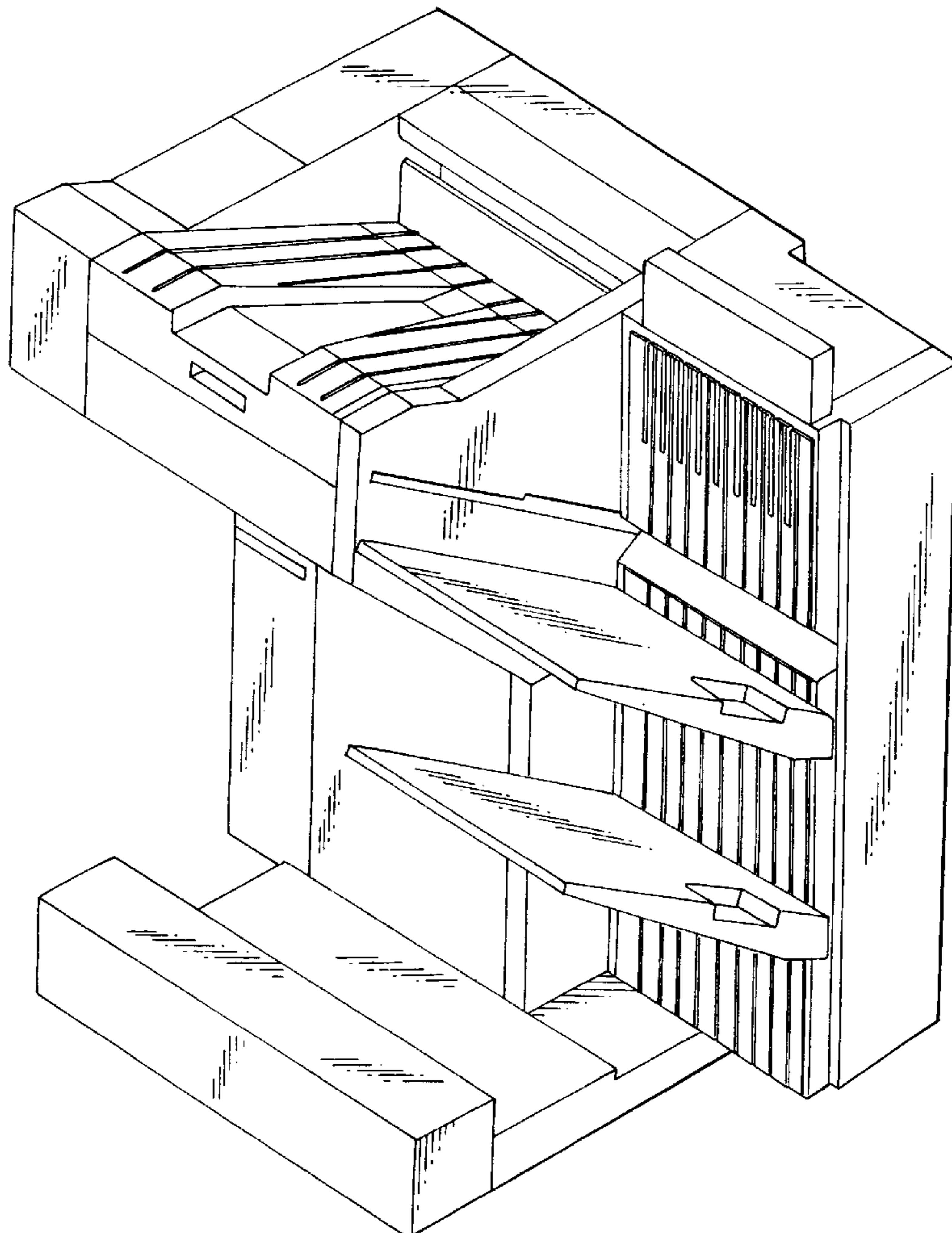


FIG. 1

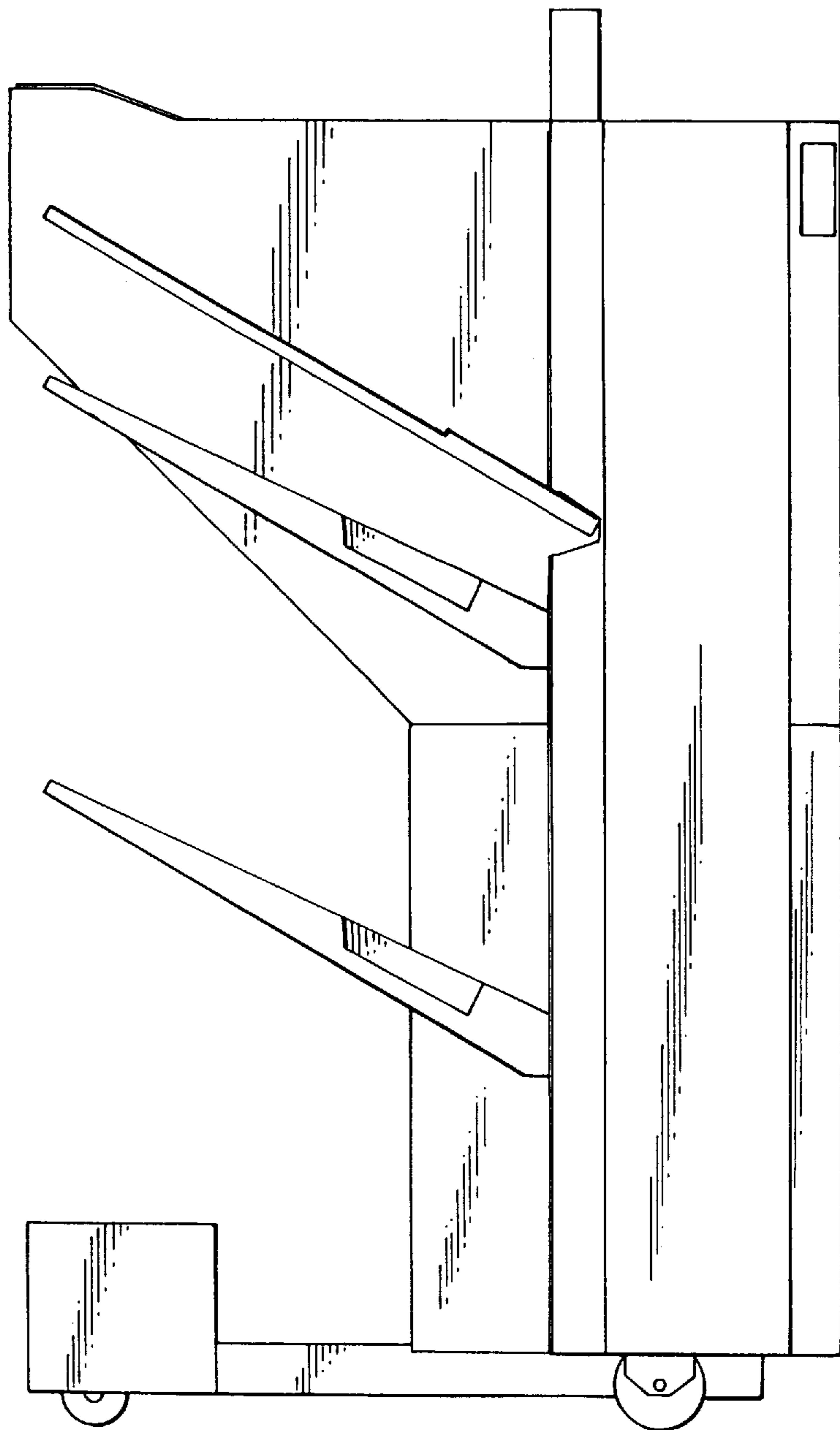


FIG. 2

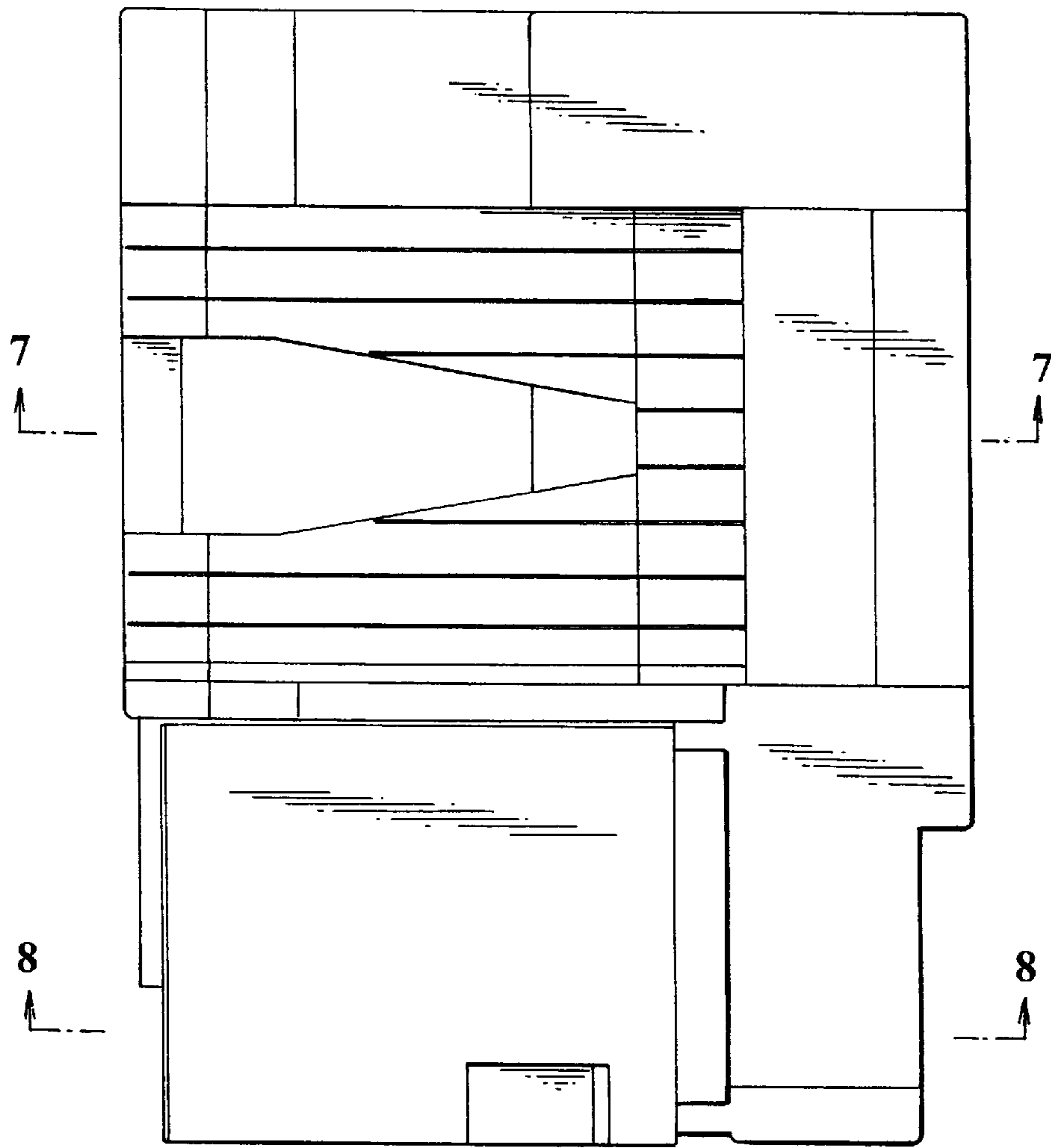


FIG. 3

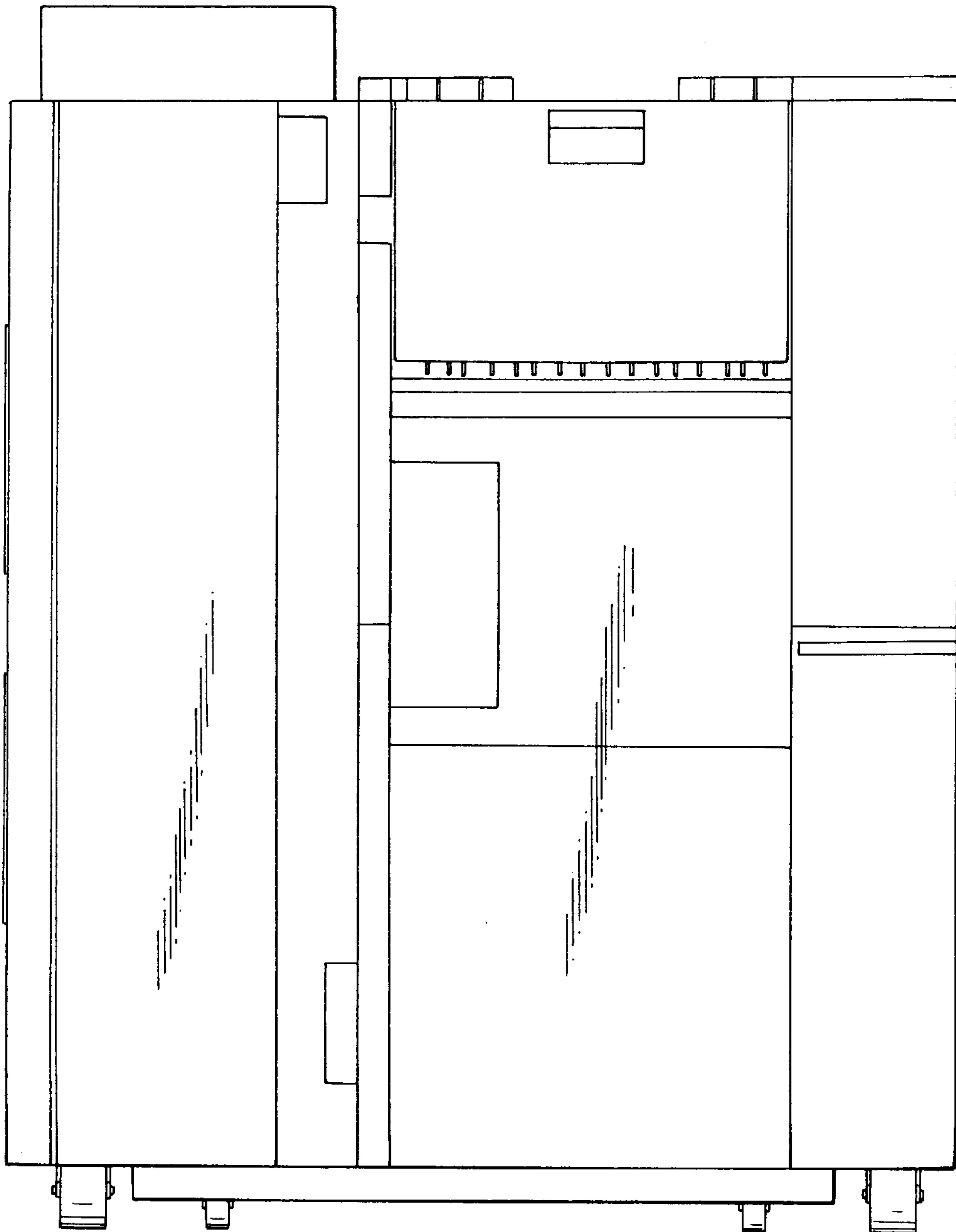


FIG. 4

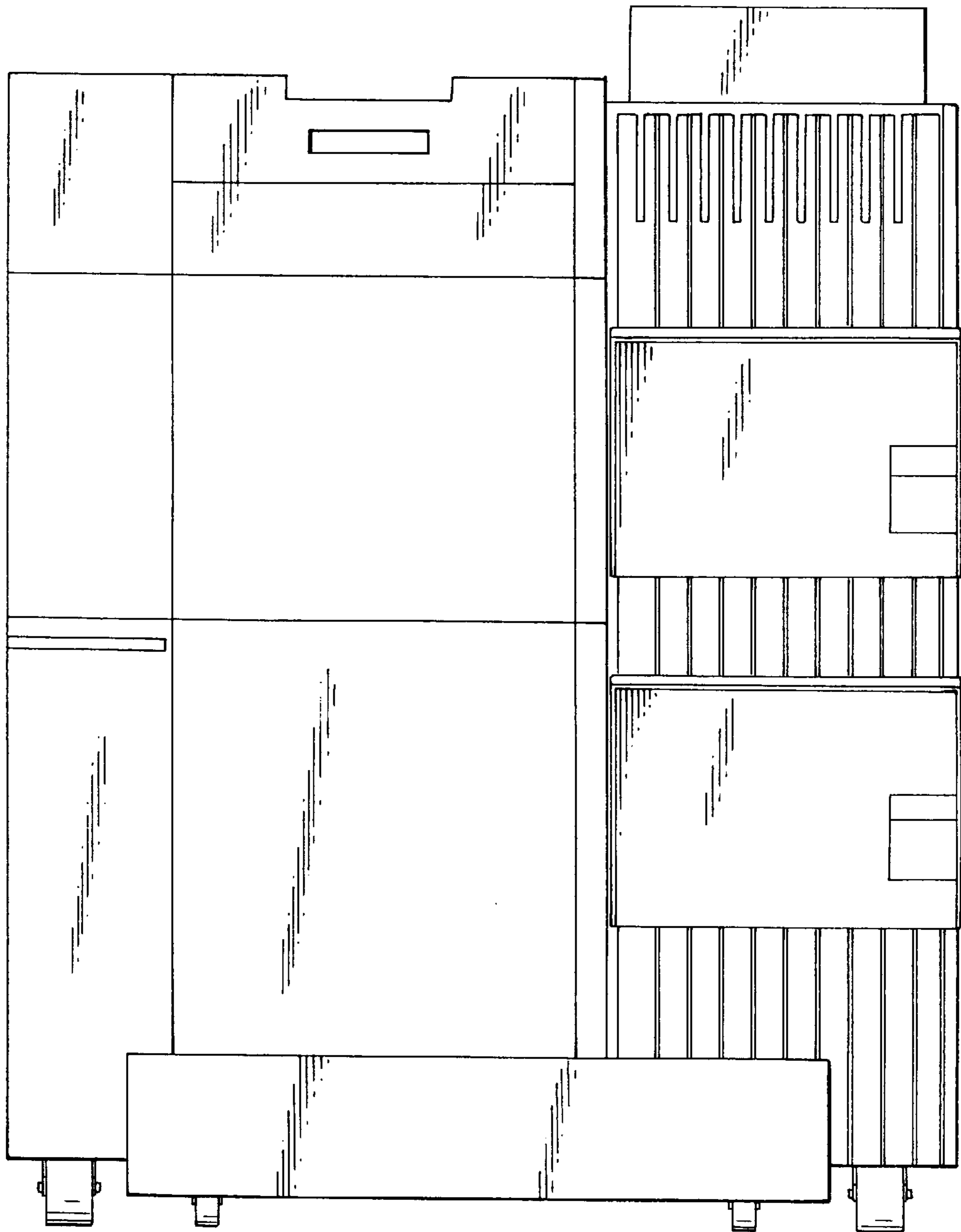


FIG. 5

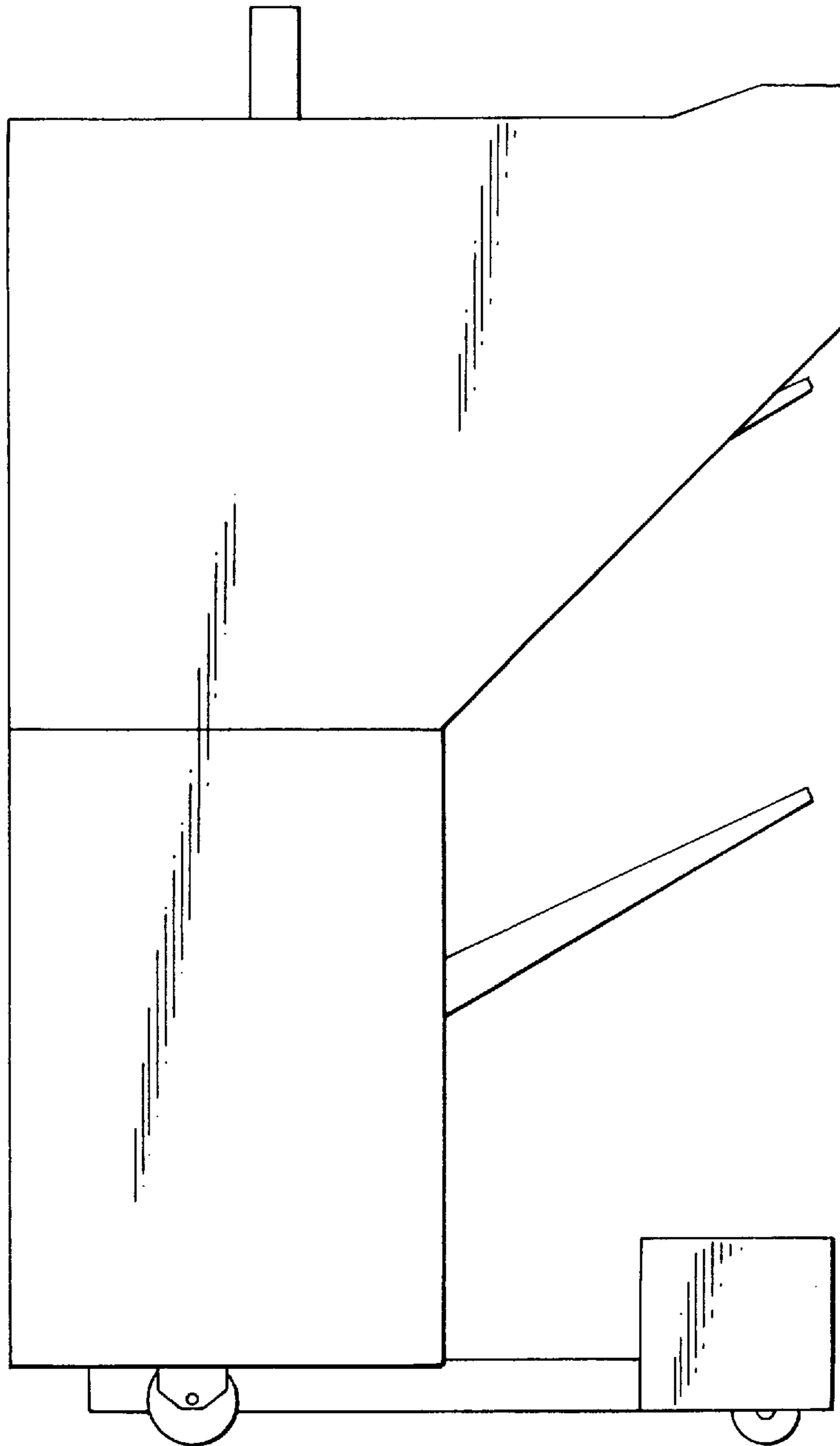


FIG. 6

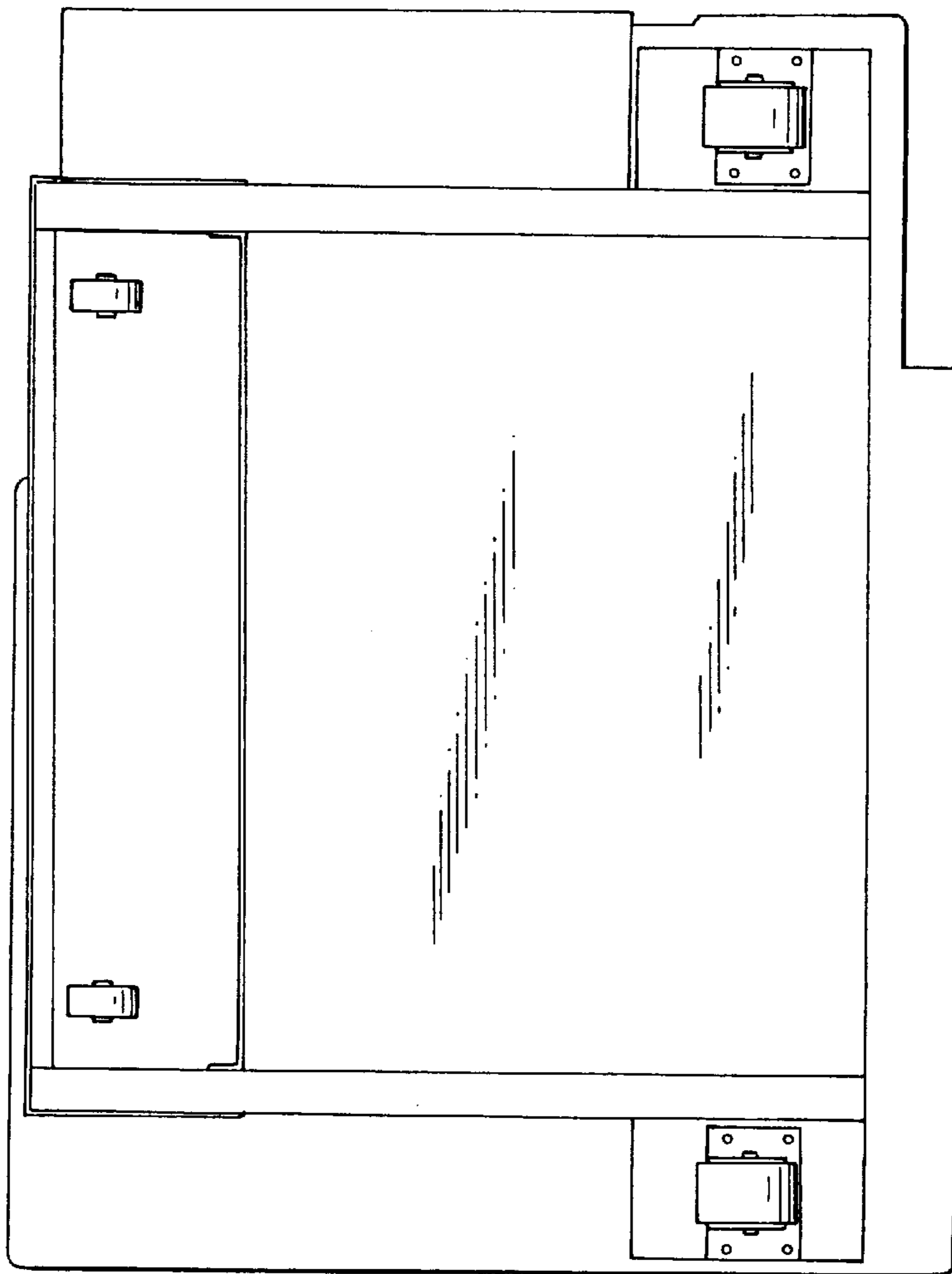


FIG. 7

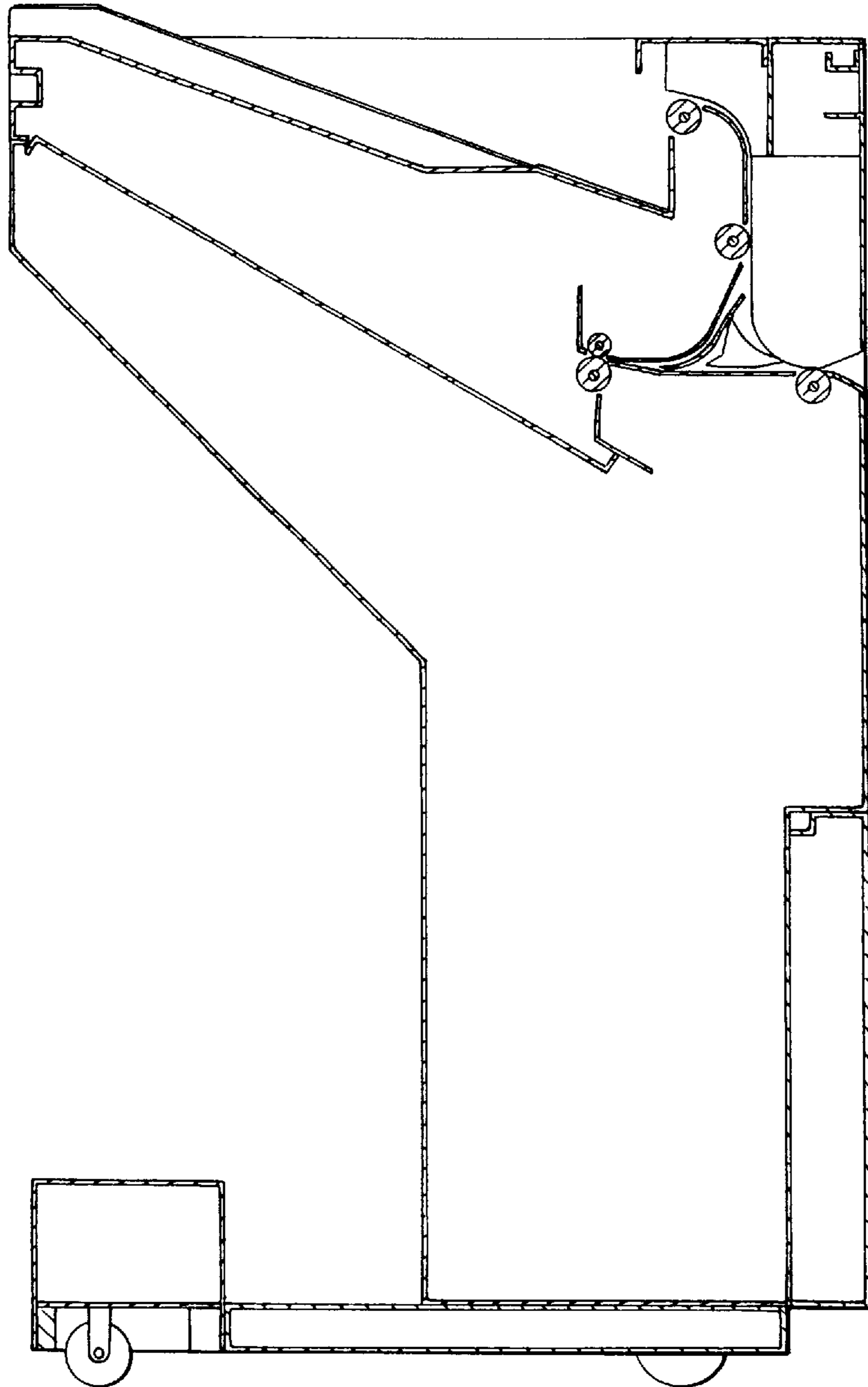




FIG. 8

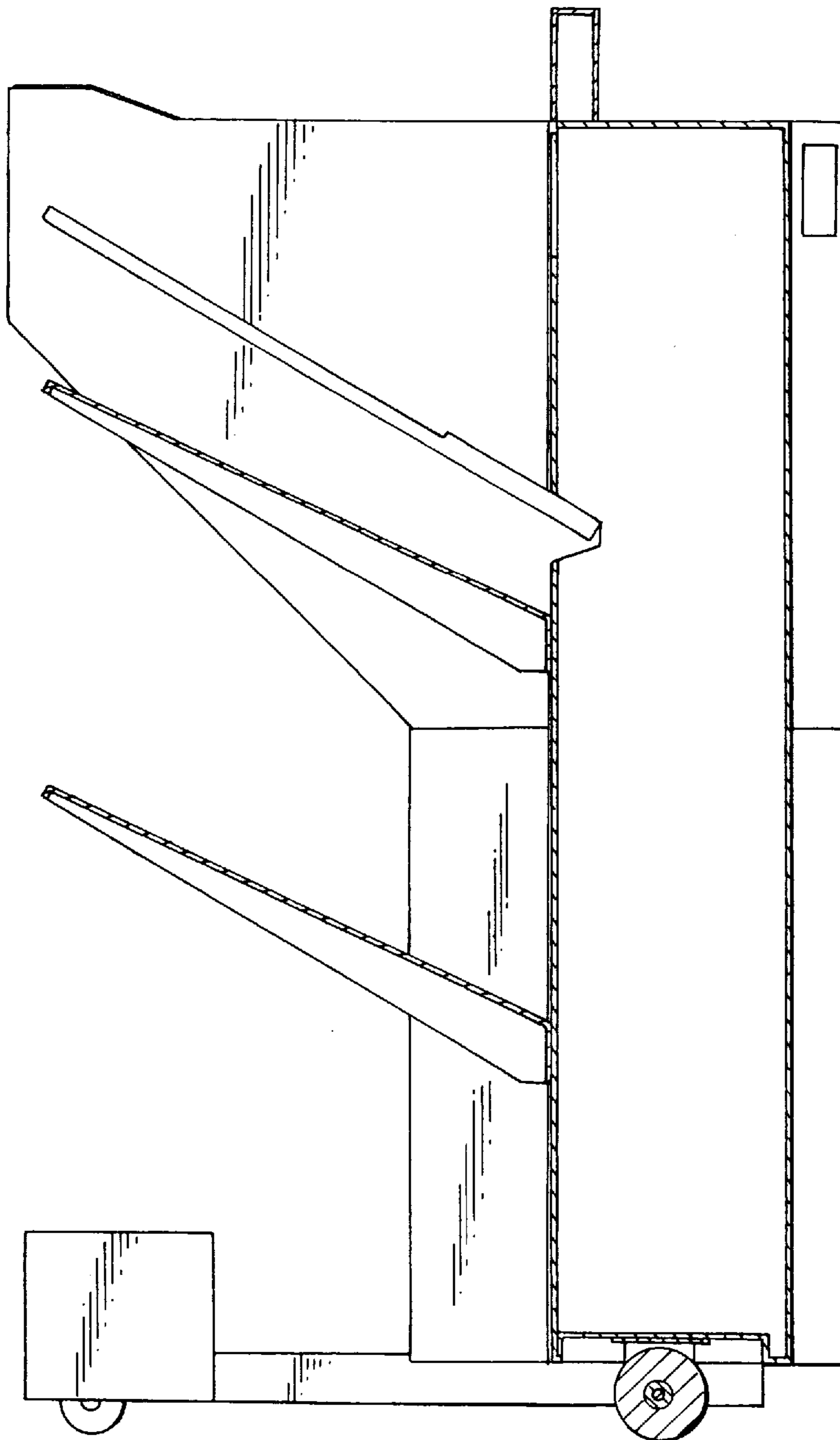


FIG. 9

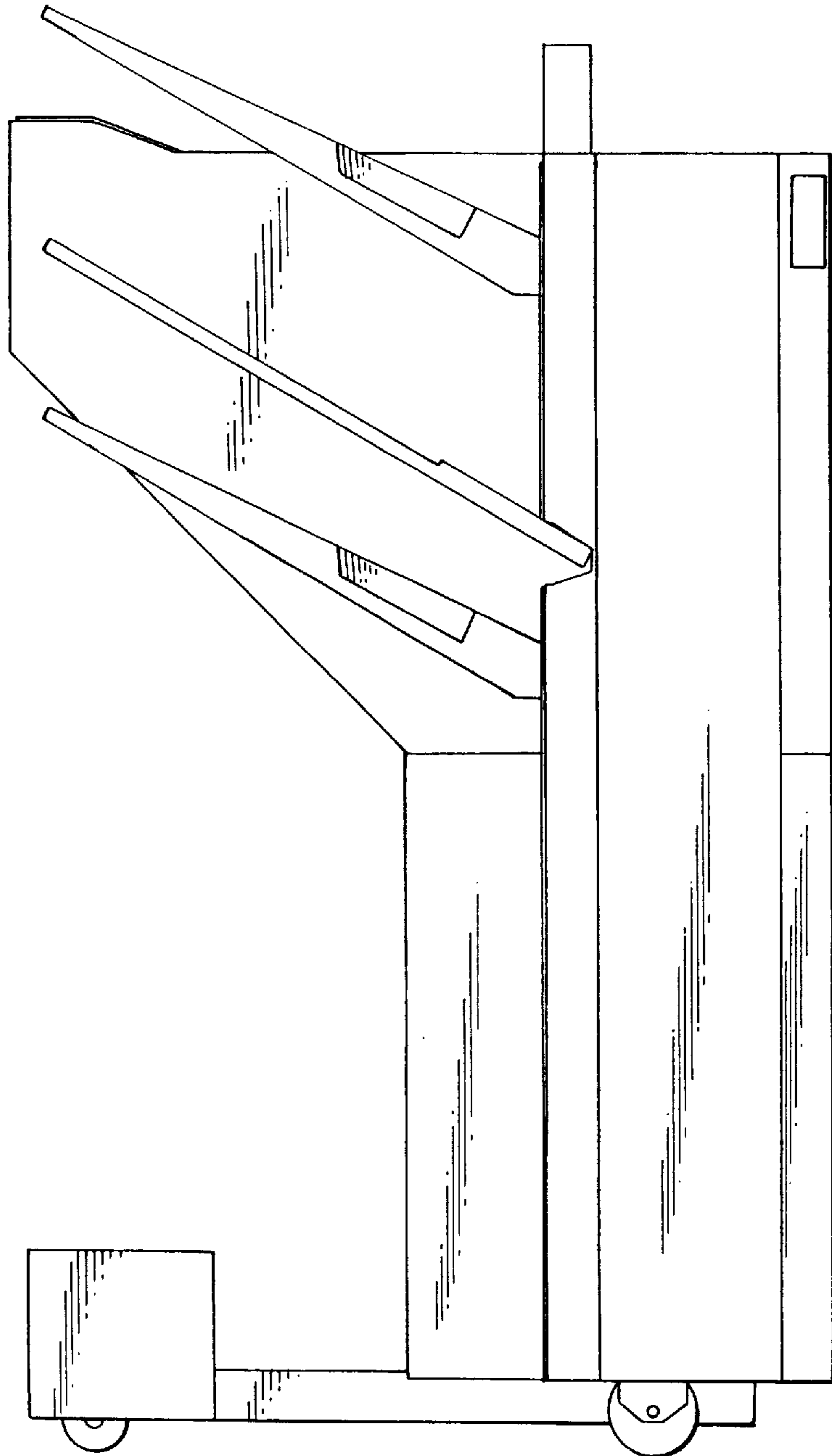
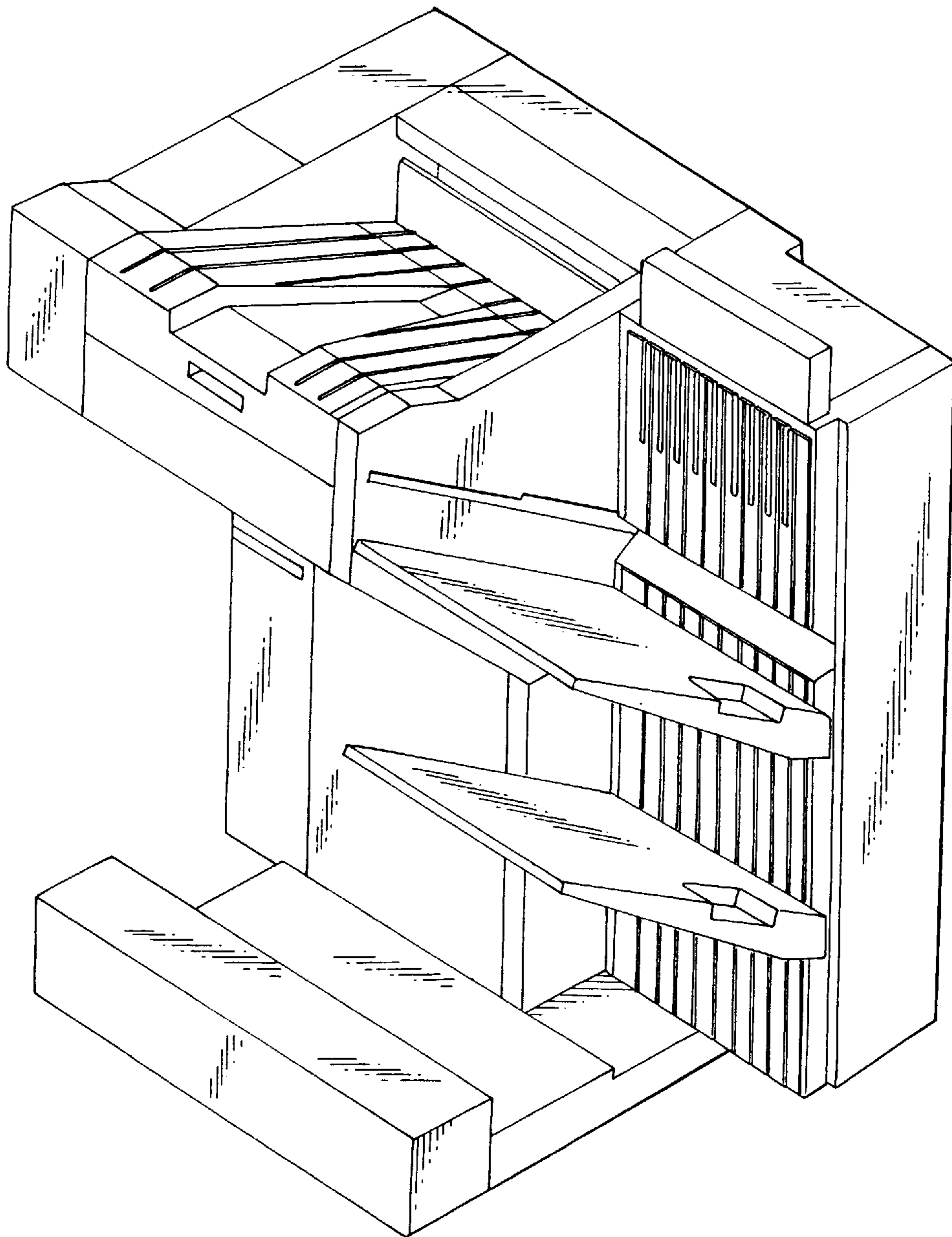


FIG.10



UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : Des. 403,349

DATED : December 29, 1998

INVENTOR(S) : Tomoyuki Hirose, et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

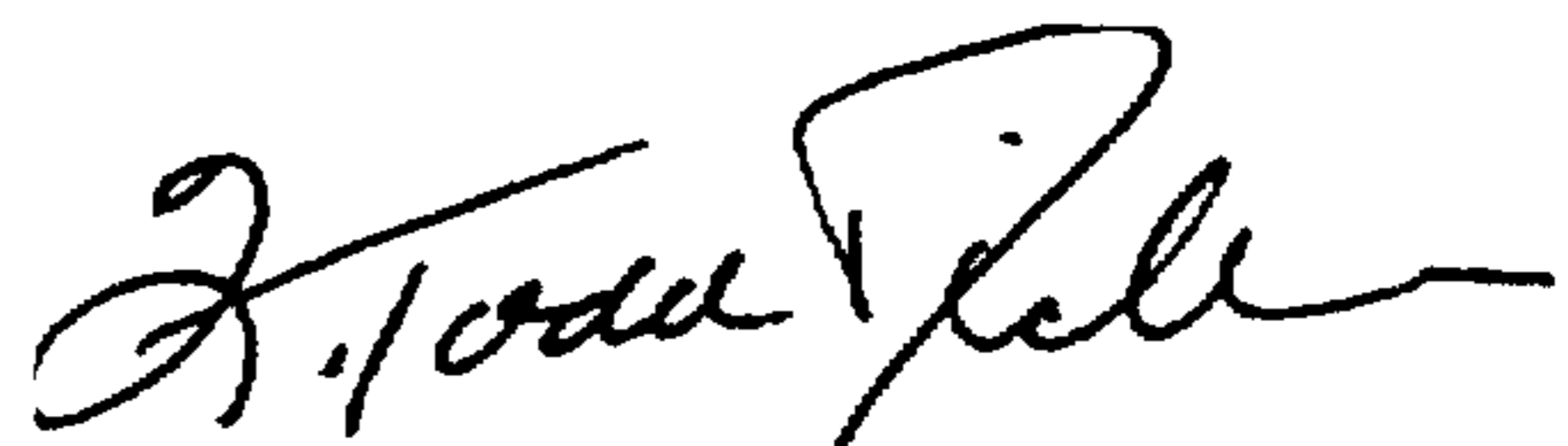
On the title page, between Items [22] and [51], please insert the following information:

[30] Foreign Application Priority Data

Jun 23, 1997 [JP] Japan.....9-59131

Signed and Sealed this  
Thirty-first Day of August, 1999

Attest:



Q. TODD DICKINSON

Attesting Officer

Acting Commissioner of Patents and Trademarks