

# United States Patent [19]

Nishibori et al.

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[54] **SHREDDER**

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[73] Assignee: **Sharp Corporation, Osaka, Japan**

[\*\*] Term: **14 Years**

[21] Appl. No.: **924,506**

[22] Filed: **Oct. 29, 1986**

[30] **Foreign Application Priority Data**

Apr. 30, 1986 [JP] Japan ..... 61-16799

[52] U.S. Cl. .... **D18/34**

[58] Field of Search ..... D15/127; 241/285 R, 241/285 A, 285 B; D18/34

[56] **References Cited**

### U.S. PATENT DOCUMENTS

- D. 221,108 7/1971 Case ..... D18/34
- D. 265,909 8/1982 Hatanaka ..... D15/127
- D. 277,190 1/1985 Sadler ..... D15/127

- D. 281,082 10/1985 Lidman ..... D18/34
- D. 293,684 1/1988 Sadler et al. .... D15/127

### OTHER PUBLICATIONS

Office Products Dealer; 7/1984; p. 26; Swinglike Paper Shredder.

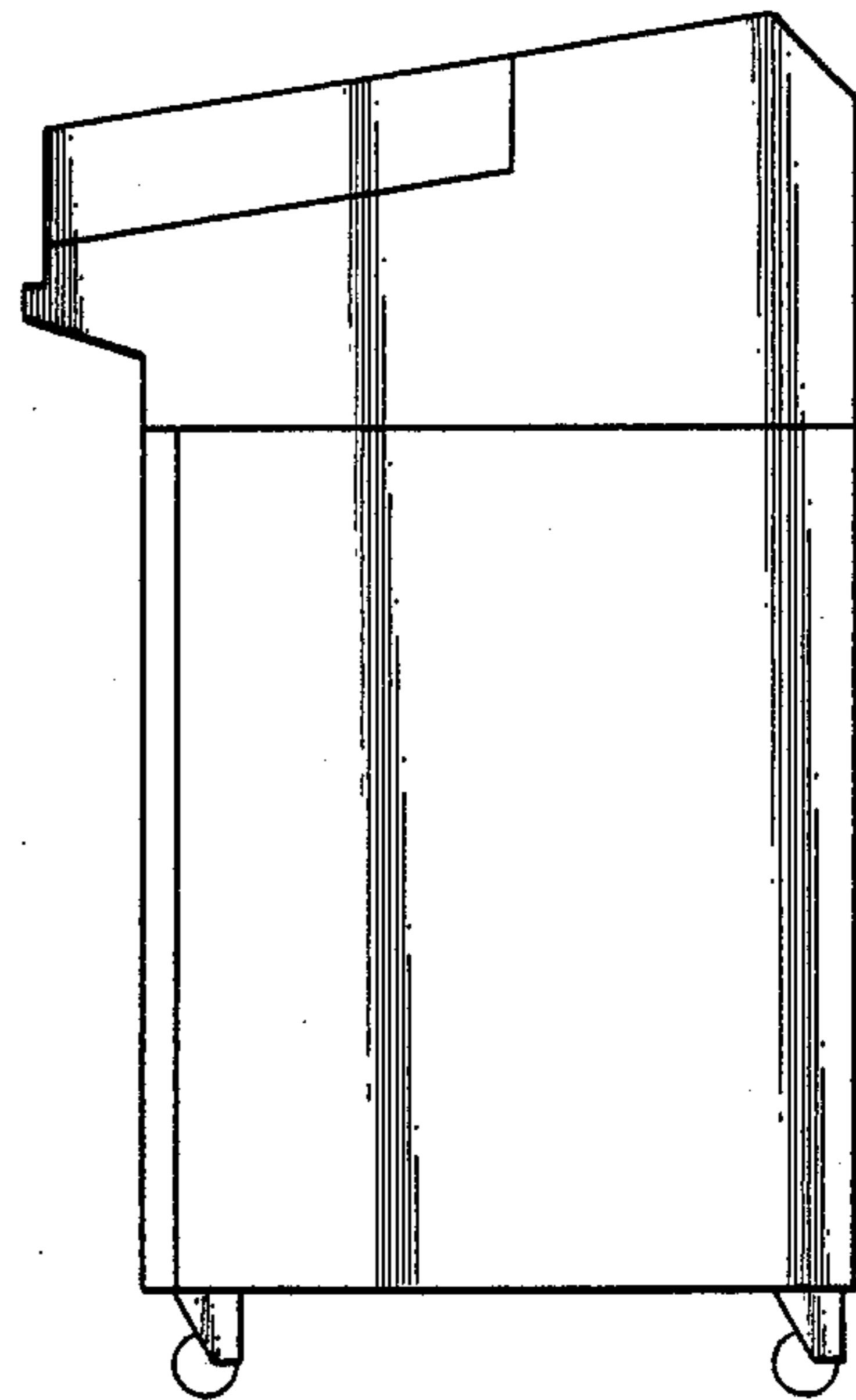
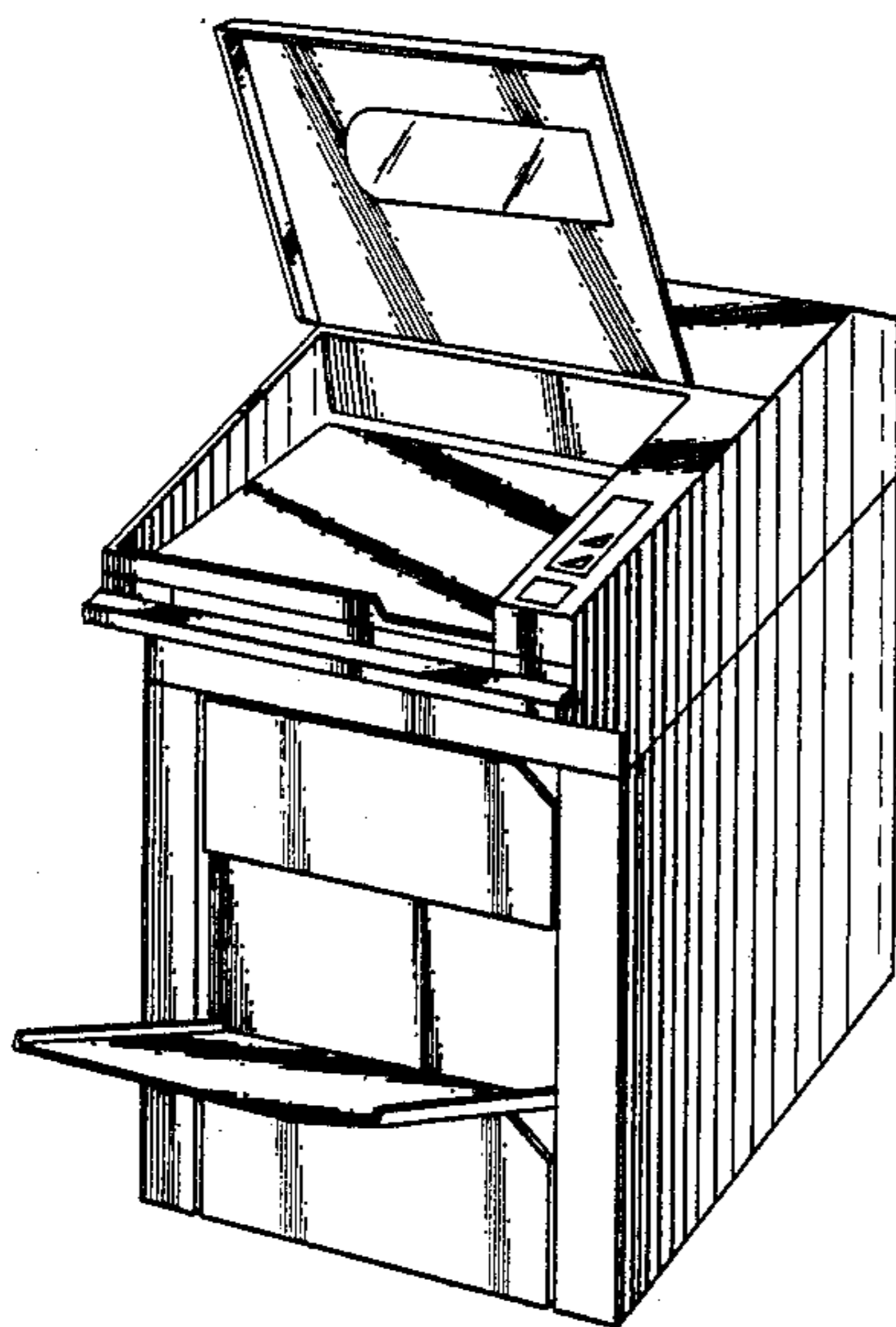
*Primary Examiner*—B. J. Bullock  
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[57] **CLAIM**

The ornamental design for a shredder, as shown and described.

### DESCRIPTION

FIG. 1 is a perspective view of a shredder showing our new design, the cover and door in the open position; FIG. 2 is an enlarged front elevational view thereof, with the cover and door closed; FIG. 3 is a rear elevational view of FIG. 2; FIG. 4 is a top plan view of FIG. 2; FIG. 5 is a bottom plan view of FIG. 2; FIG. 6 is a right side elevational view of FIG. 2; FIG. 7 is a left side elevational view of FIG. 2.



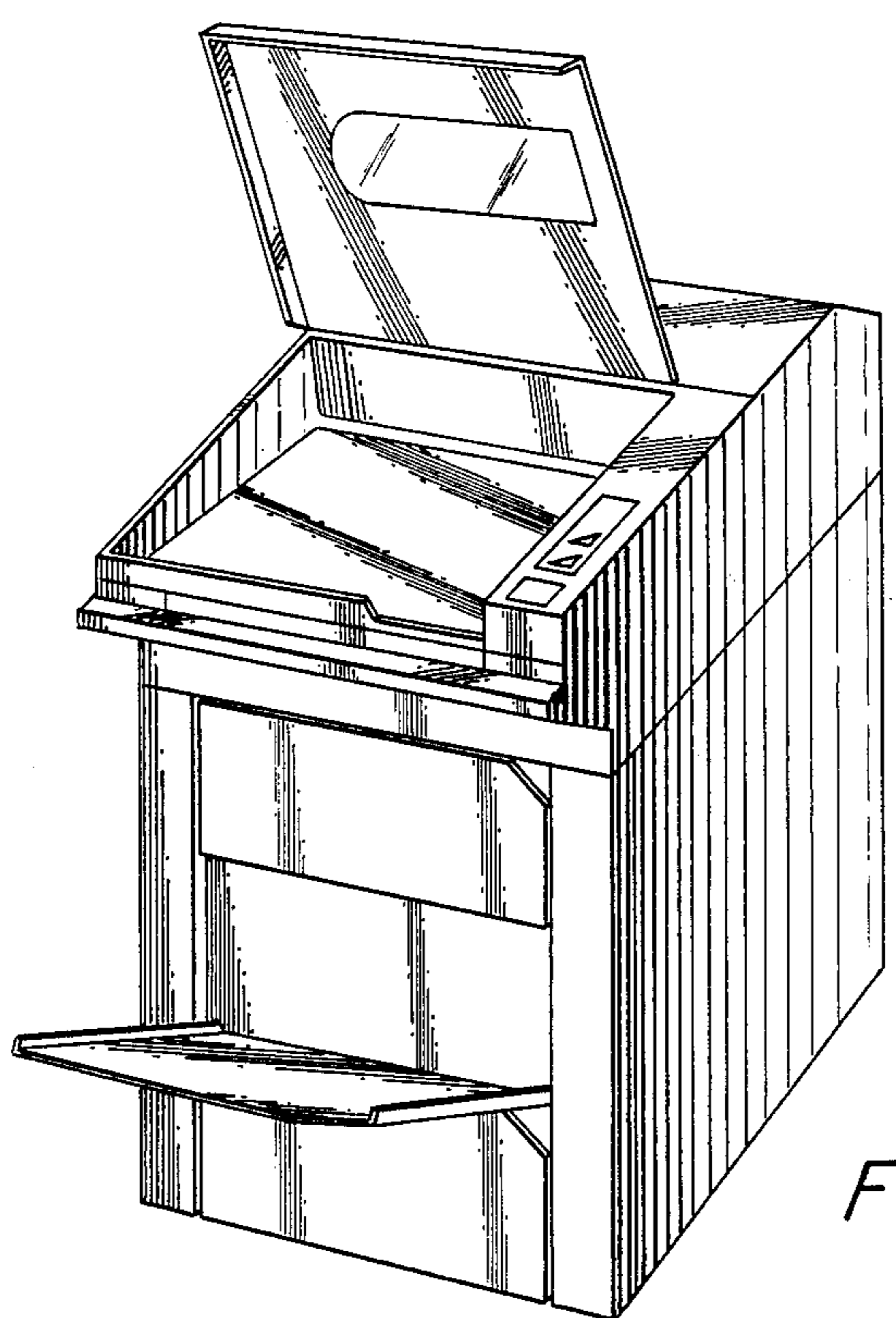


FIG. 1

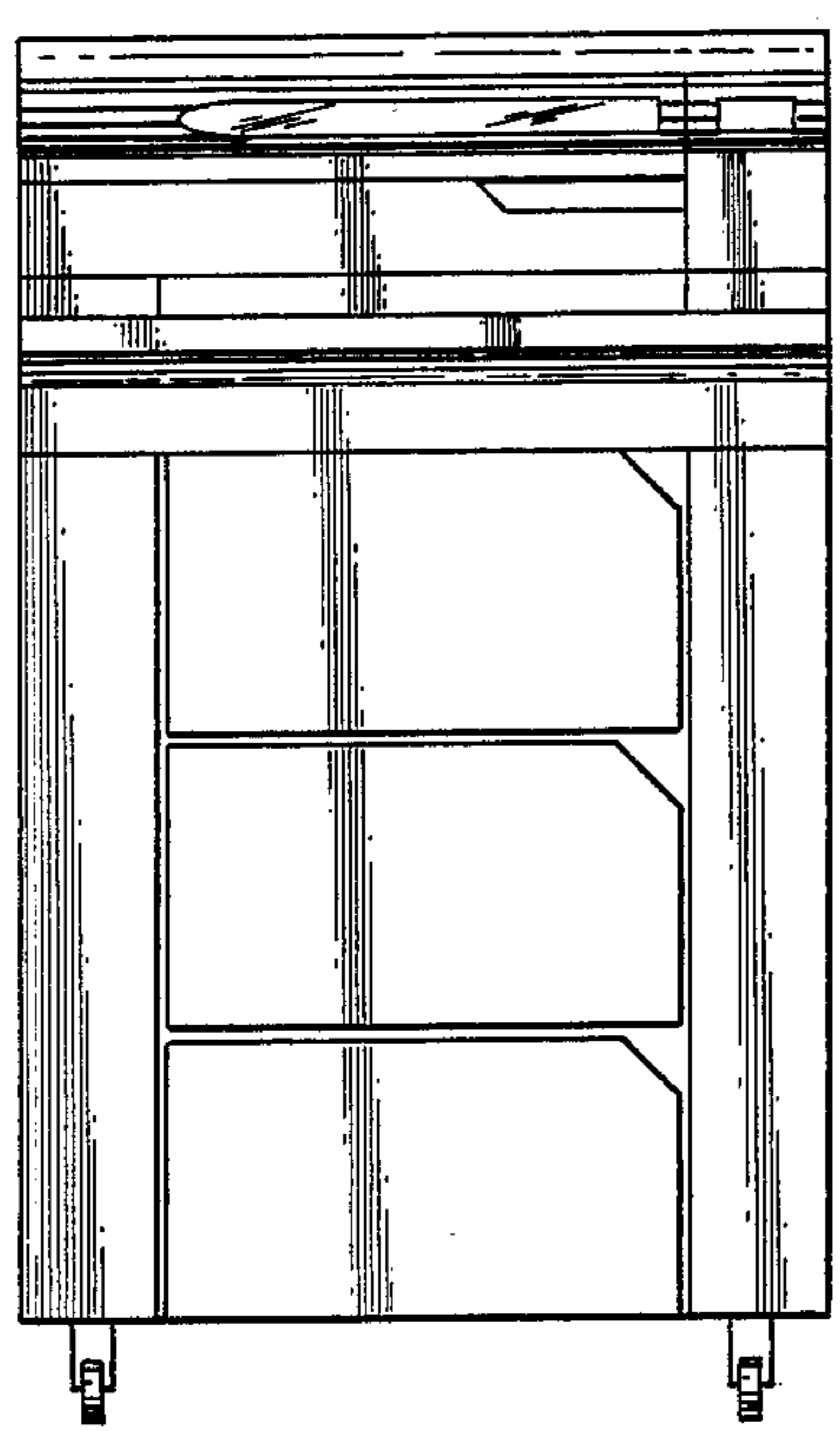


FIG. 2

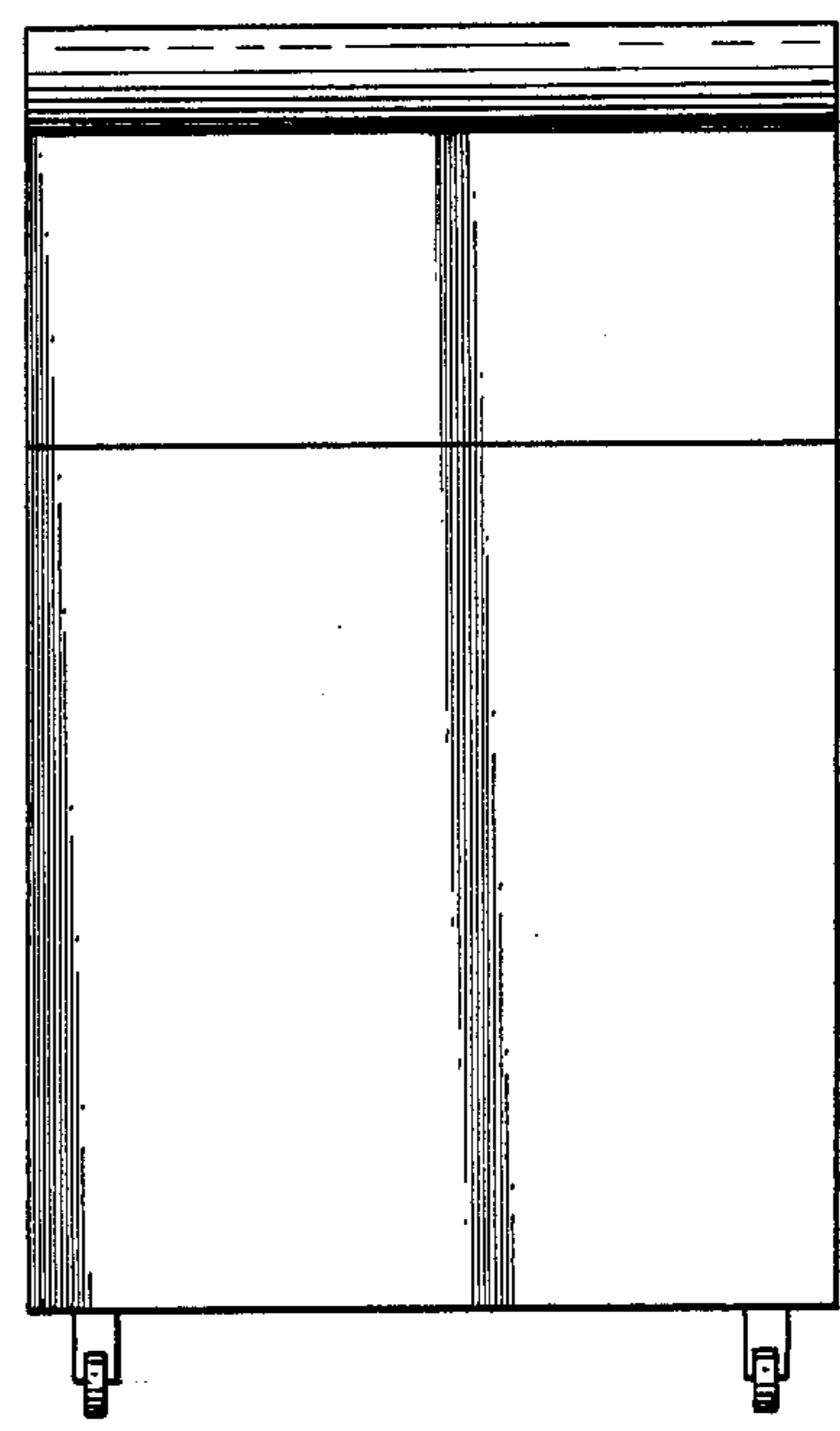


FIG. 3

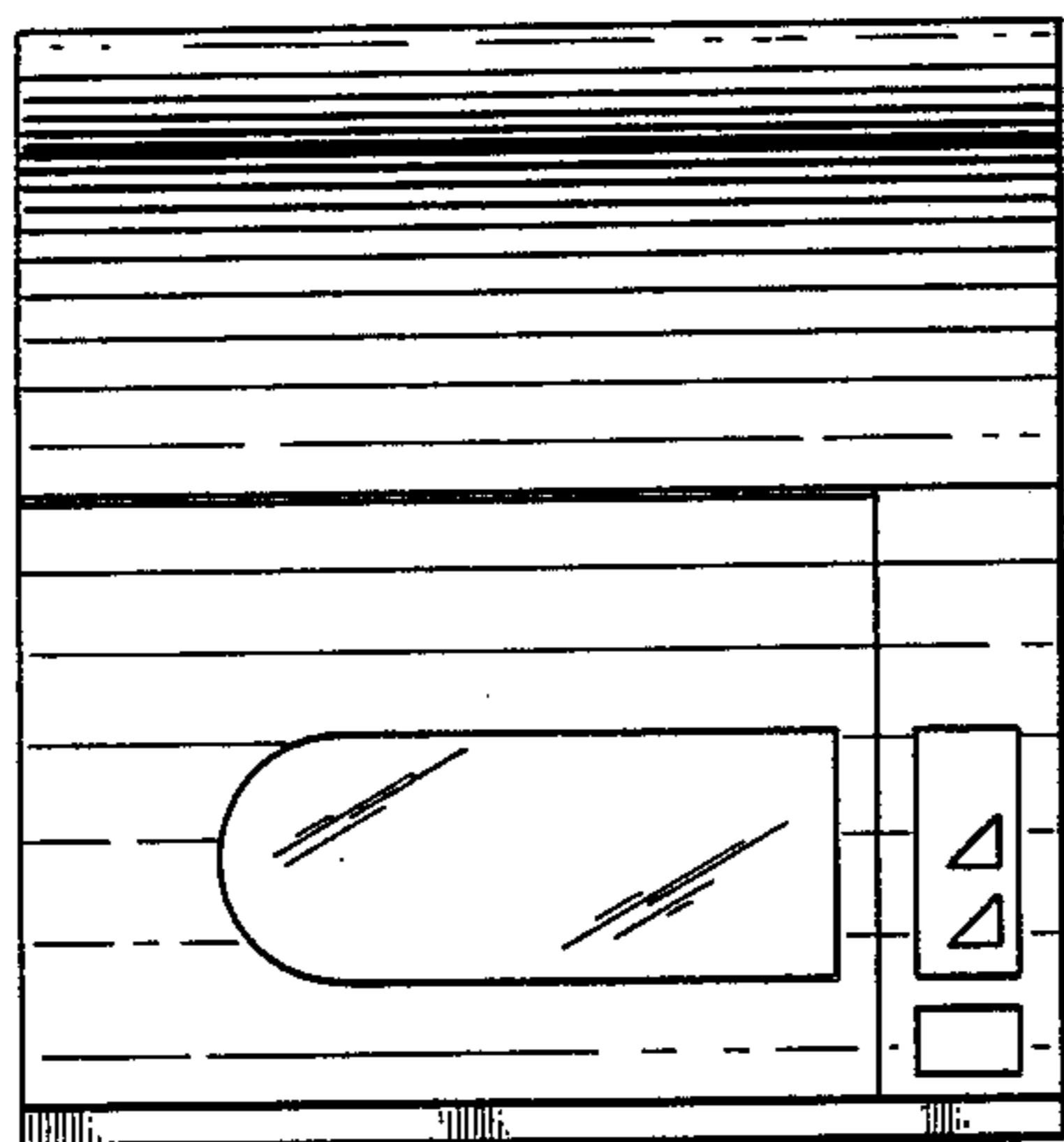


FIG. 4

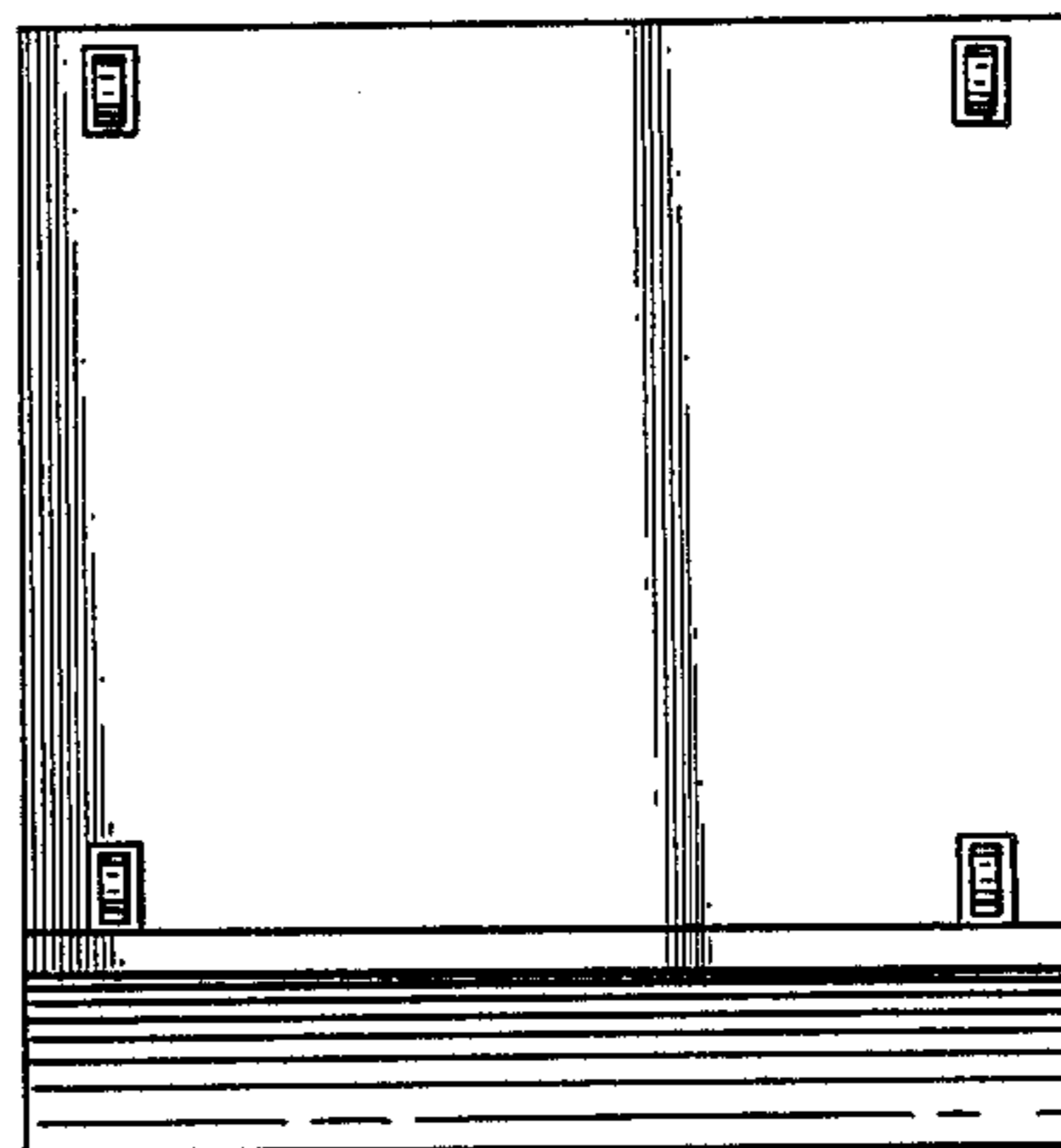


FIG. 5

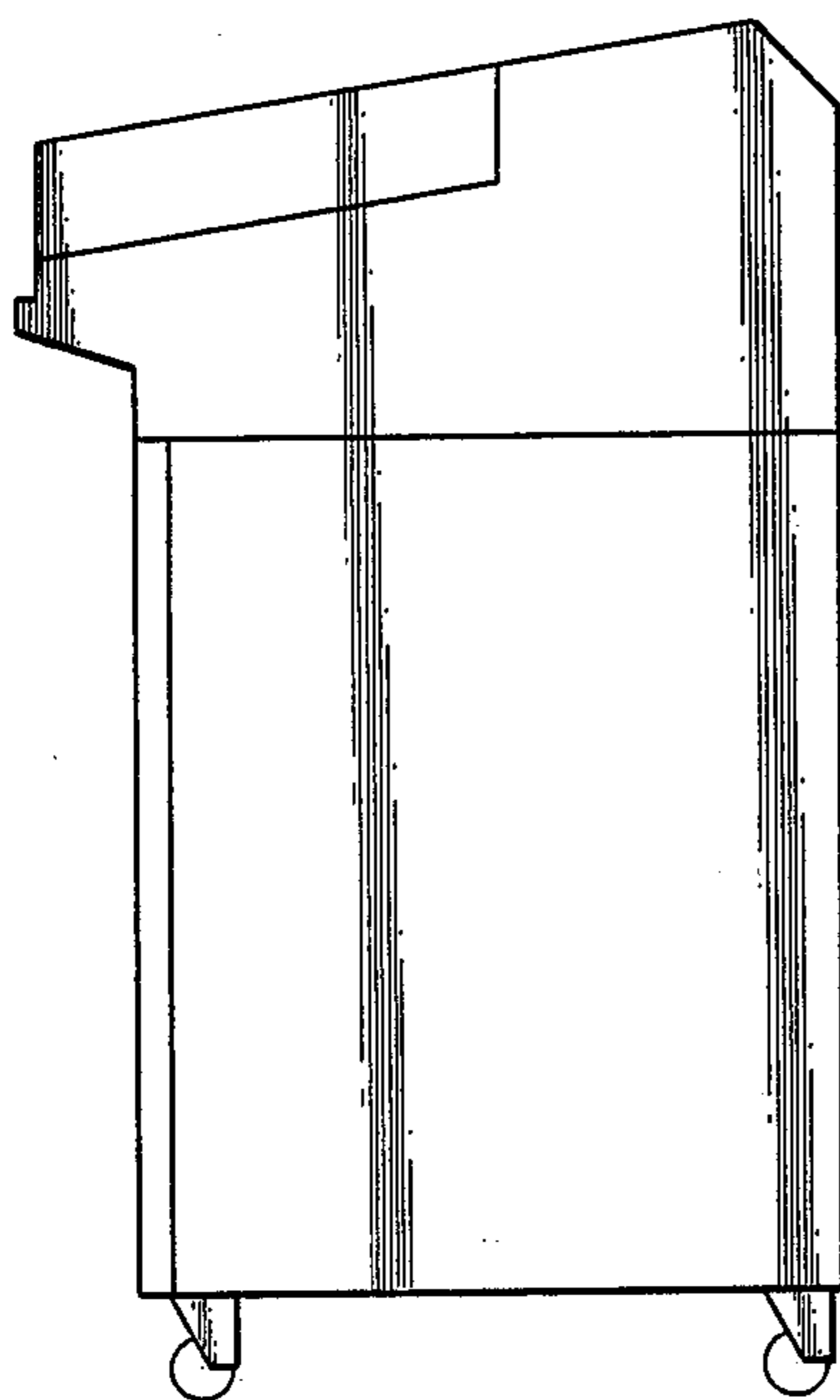


FIG. 6

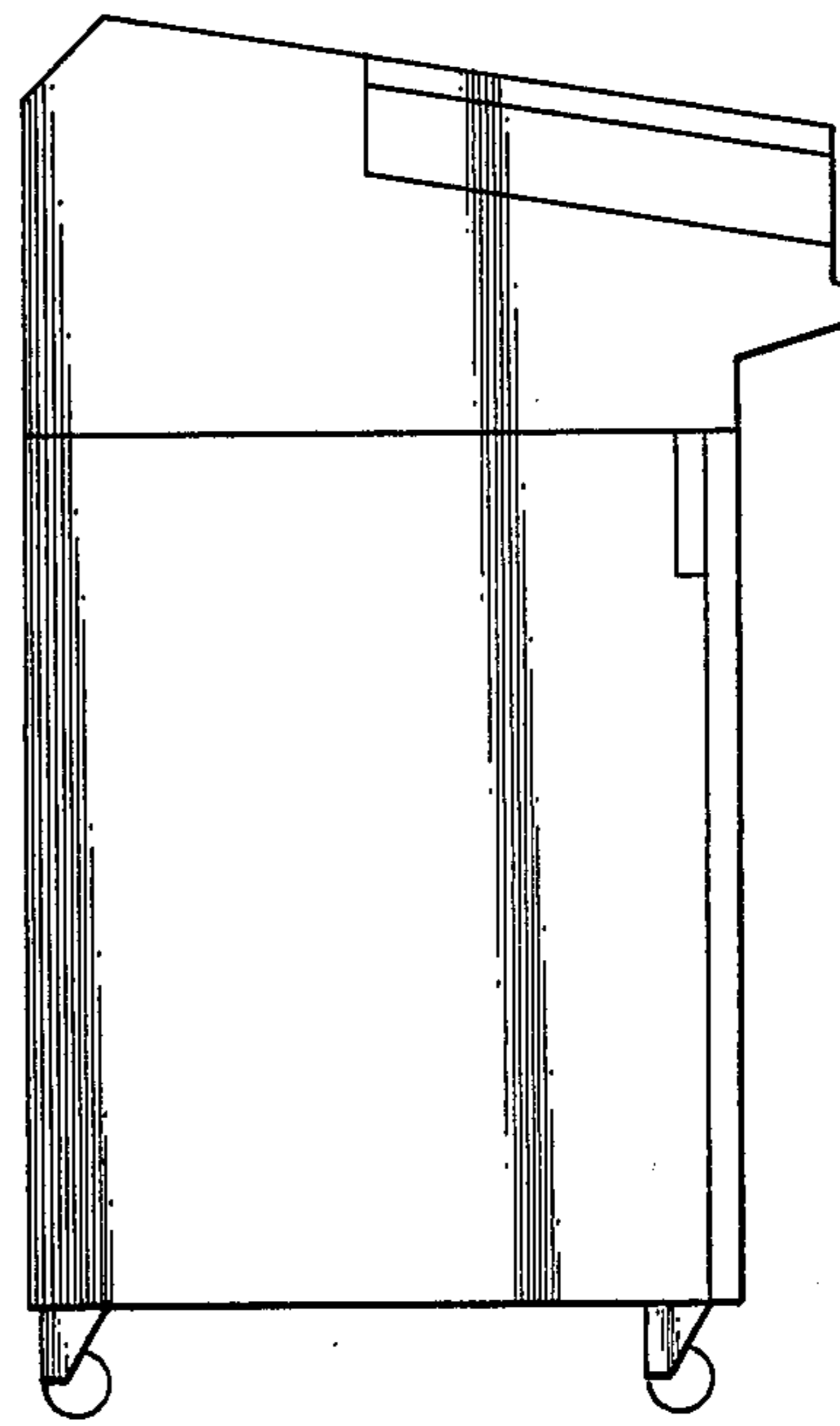


FIG. 7