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United States Patent [19] Kashiwabara

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[54] **DOCUMENT FEEDER FOR COPYING MACHINE**

4,511,135 4/1985 Huerta et al. 271/8.1

[75] Inventor: **Masahiko Kashiwabara**, Yokohama, Japan

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759237 4/1989 Japan .
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[**] Term: **14 Years**

[21] Appl. No.: **836,208**

[57] **CLAIM**

[22] Filed: **Feb. 13, 1992**

The ornamental design for document feeder for copying machine, as shown and described.

[30] **Foreign Application Priority Data**

DESCRIPTION

Aug. 27, 1991 [JP] Japan 3-25466

[52] U.S. Cl. **D18/49**

[58] Field of Search **D18/36-40, D18/46-49; 355/308, 309; 400/624-629, 642, 647, 647.1; 271/3, 3.1, 8.1, 9, 117, 145, 278**

FIG. 1 is a top, front and right side perspective view of document feeder for copying machine showing my new design, with a paper guide in an open position; FIG. 2 is a front elevational view, with the paper guide in closed position; FIG. 3 is a right side elevational view thereof; FIG. 4 is a top plan view thereof; FIG. 5 is a left side elevational view thereof; FIG. 6 is a rear elevational view thereof; and, FIG. 7 is a bottom plan view thereof.

[56] **References Cited**

U.S. PATENT DOCUMENTS

D. 277,872 3/1985 Rünzl D18/49
D. 304,956 12/1989 Omino et al. D18/49
D. 321,712 11/1991 Tsutsui D18/49

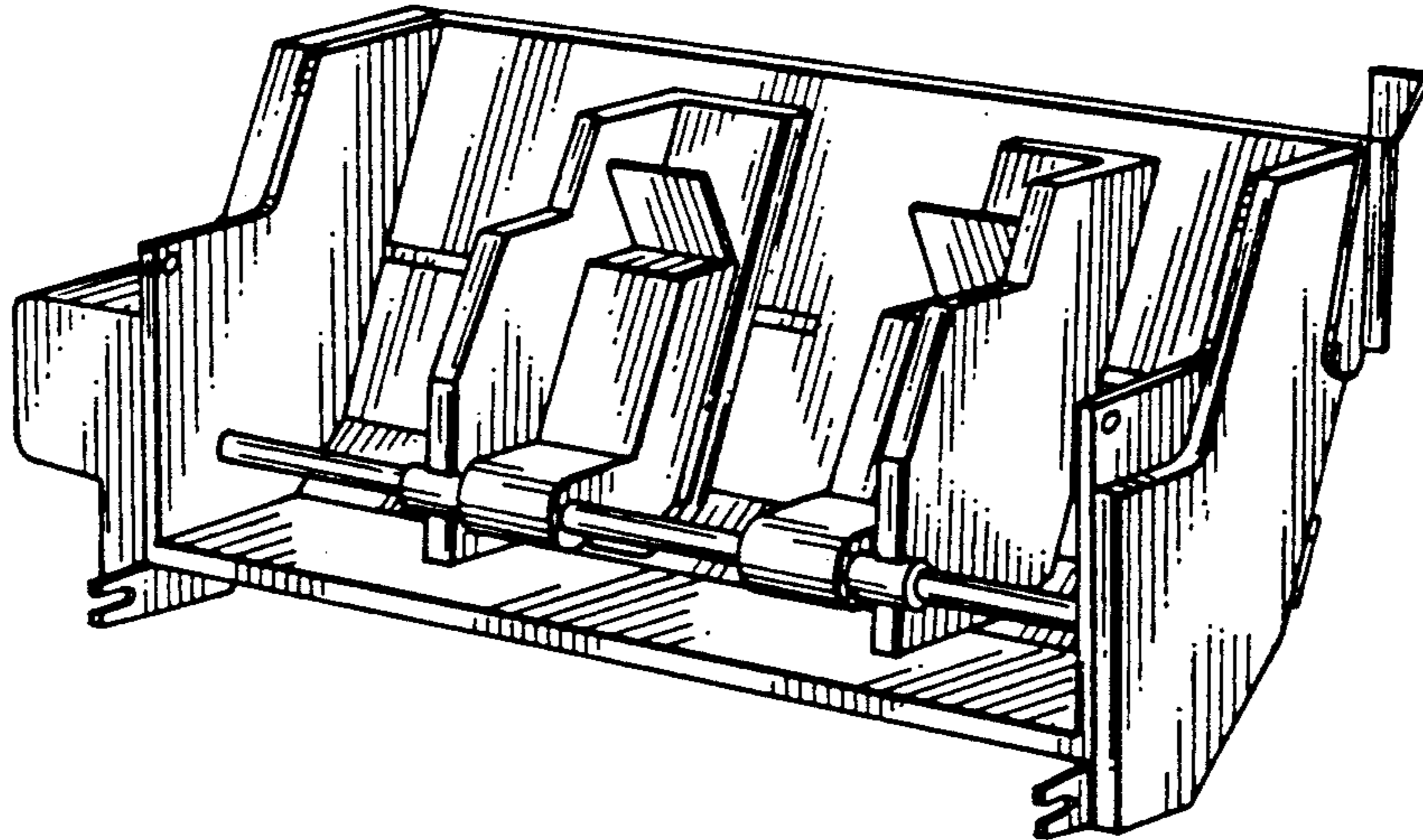


FIG. 1

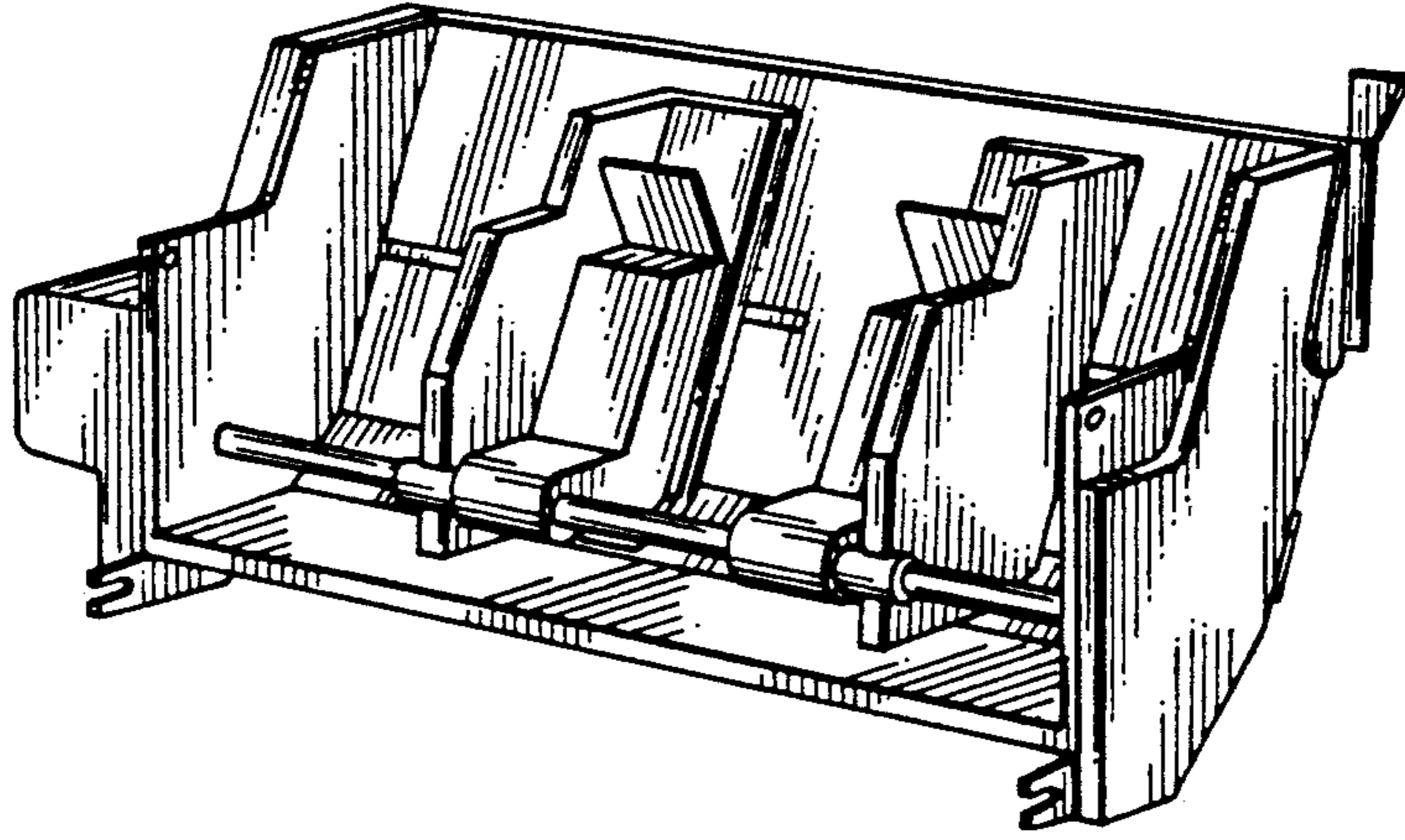


FIG. 2

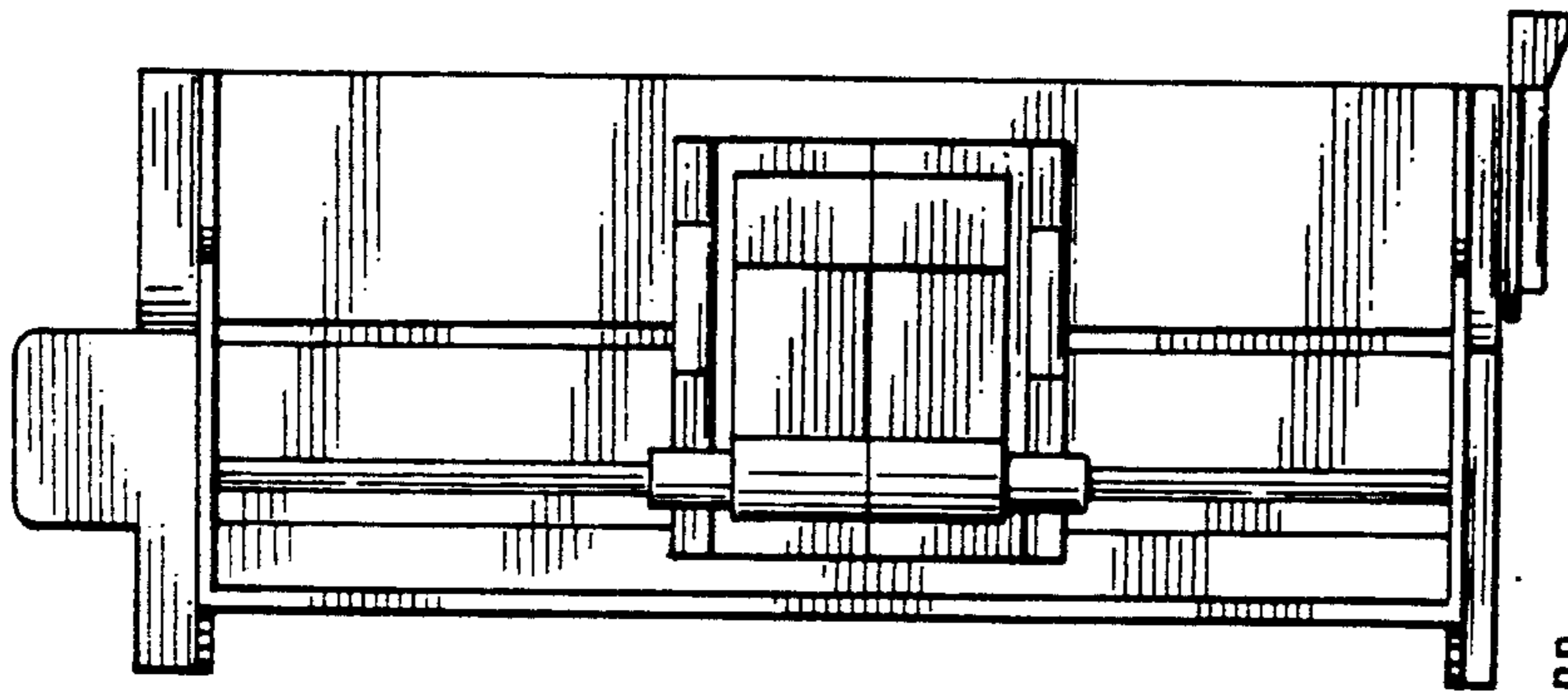


FIG. 3

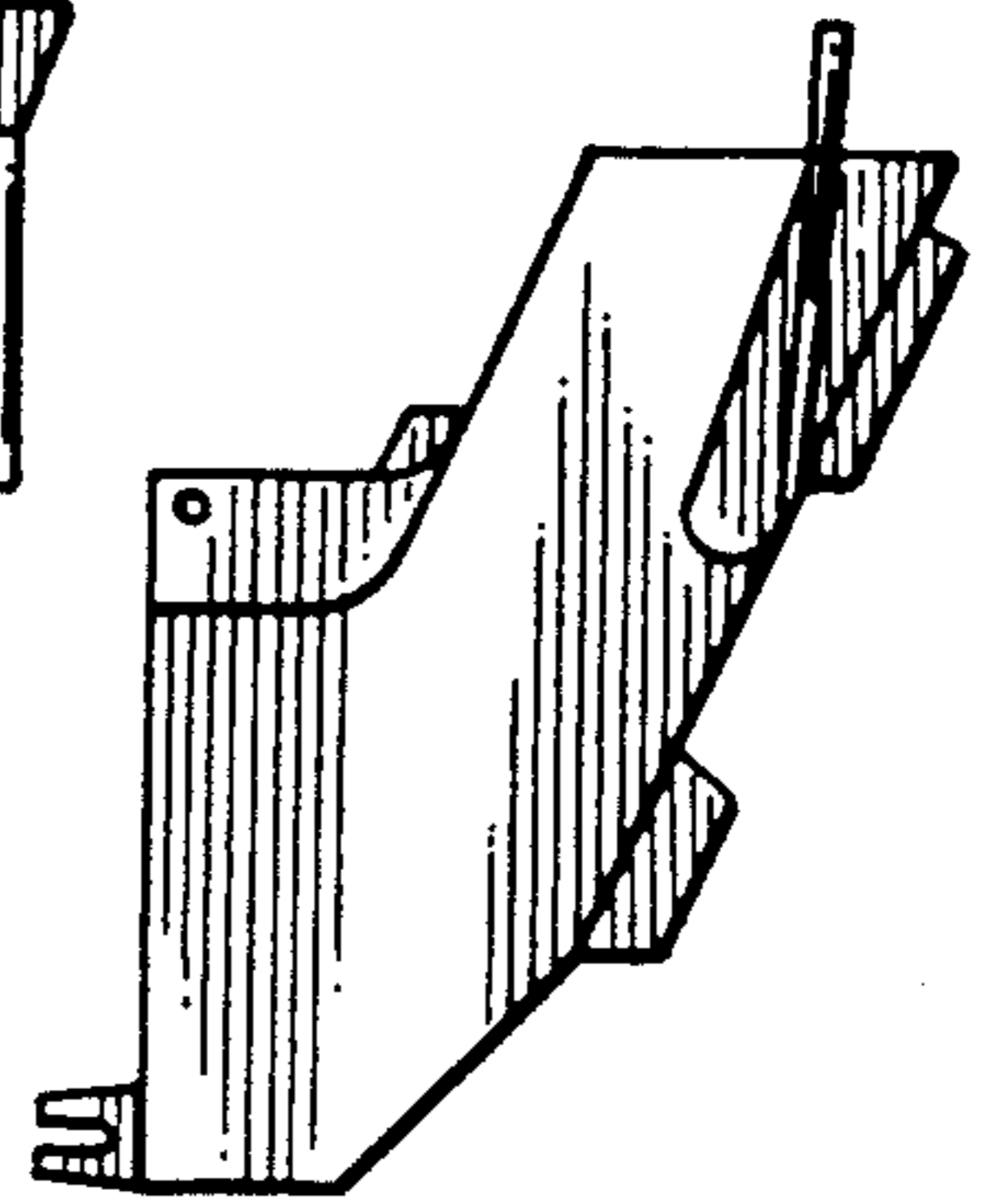


FIG. 4

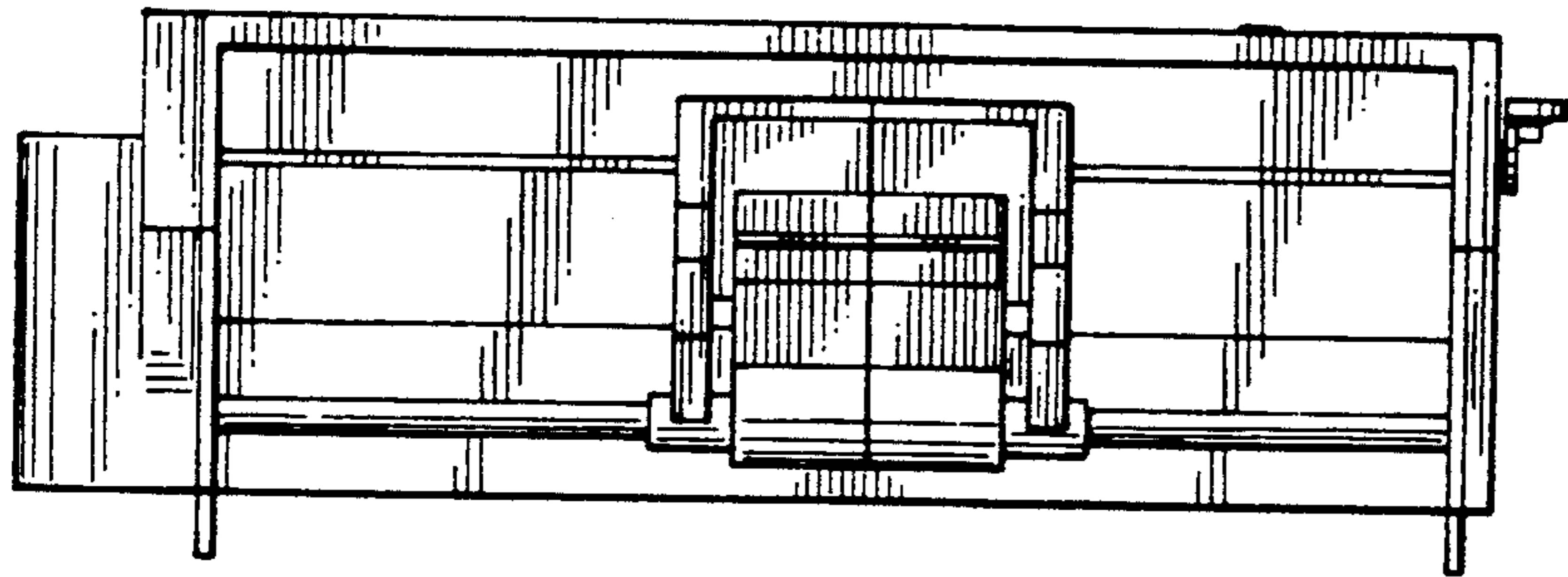


FIG. 5

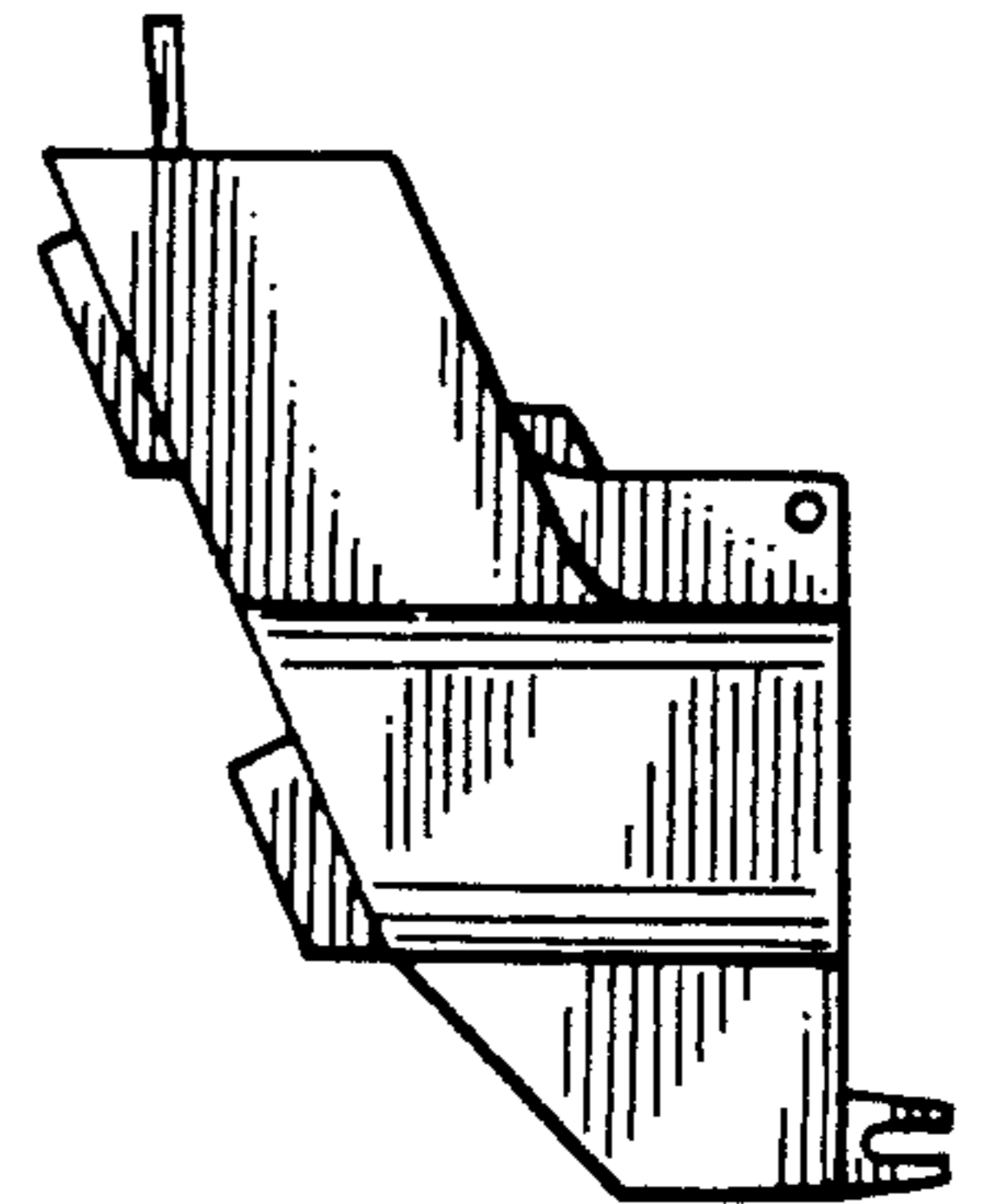


FIG. 6

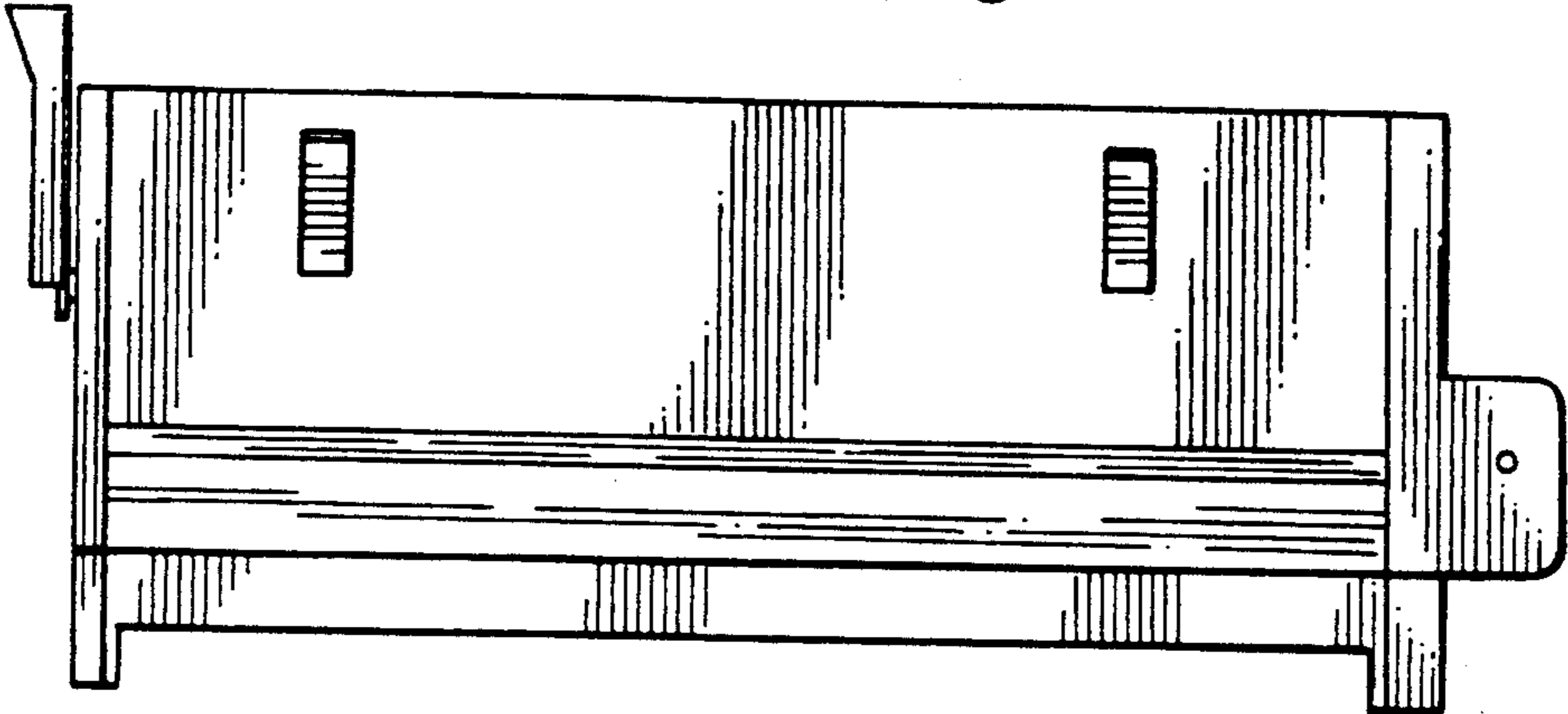


FIG. 7

