



US00D339155S

United States Patent [19]

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Suzuki et al.

[45] Date of Patent: **** Sep. 7, 1993**

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

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D. 312,653 12/1990 Nakamura et al. .
D. 318,485 1/1989 Hikawa et al. .
4,664,509 5/1987 Christy et al. 355/75

[75] Inventors: **Yuji Suzuki, Tokyo; Yoshihisa Minakawa, Yokohama, both of Japan**

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

[21] Appl. No.: **620,284**

[57] CLAIM

[22] Filed: **Nov. 30, 1990**

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

[30] Foreign Application Priority Data

DESCRIPTION

Jun. 8, 1990 [JP] Japan 2-19391

[52] U.S. Cl. **D18/49; D18/46**

[58] Field of Search **D18/36-40, D18/46, 49; 271/3, 3.1, 8.1, 9; 355/200, 308, 309; 358/498**

FIG. 1 is a top, front and right side perspective view of a document feeder for copying machine showing our new design;

FIG. 2 is a bottom, rear and left side perspective view thereof;

FIG. 3 is a front elevational view thereof;

FIG. 4 is a rear elevational view thereof;

FIG. 5 is a right side view thereof;

FIG. 6 is a left side view thereof;

FIG. 7 is a top plan view thereof; and,

FIG. 8 is a bottom plan view thereof.

[56] References Cited

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D. 265,655 8/1982 Goto D18/38
D. 295,532 5/1988 Kosako D18/49
D. 296,901 7/1988 Kosako et al. D18/39

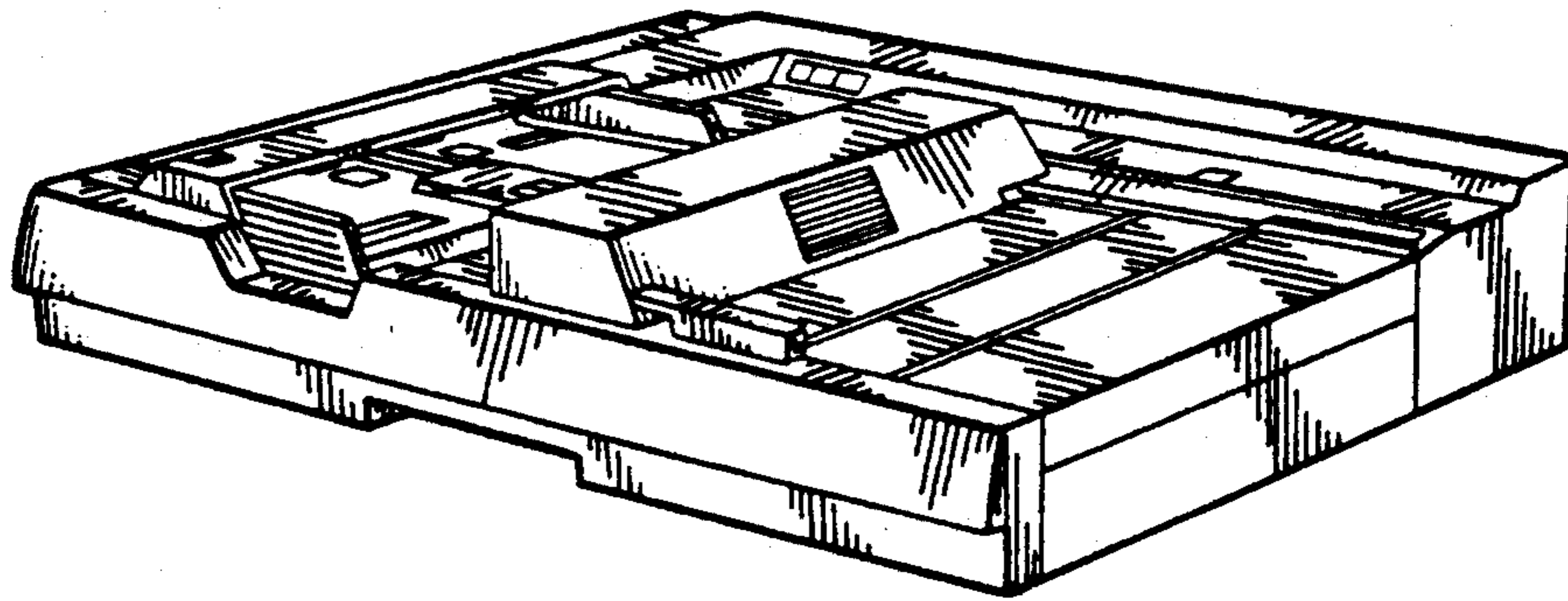


FIG. 1

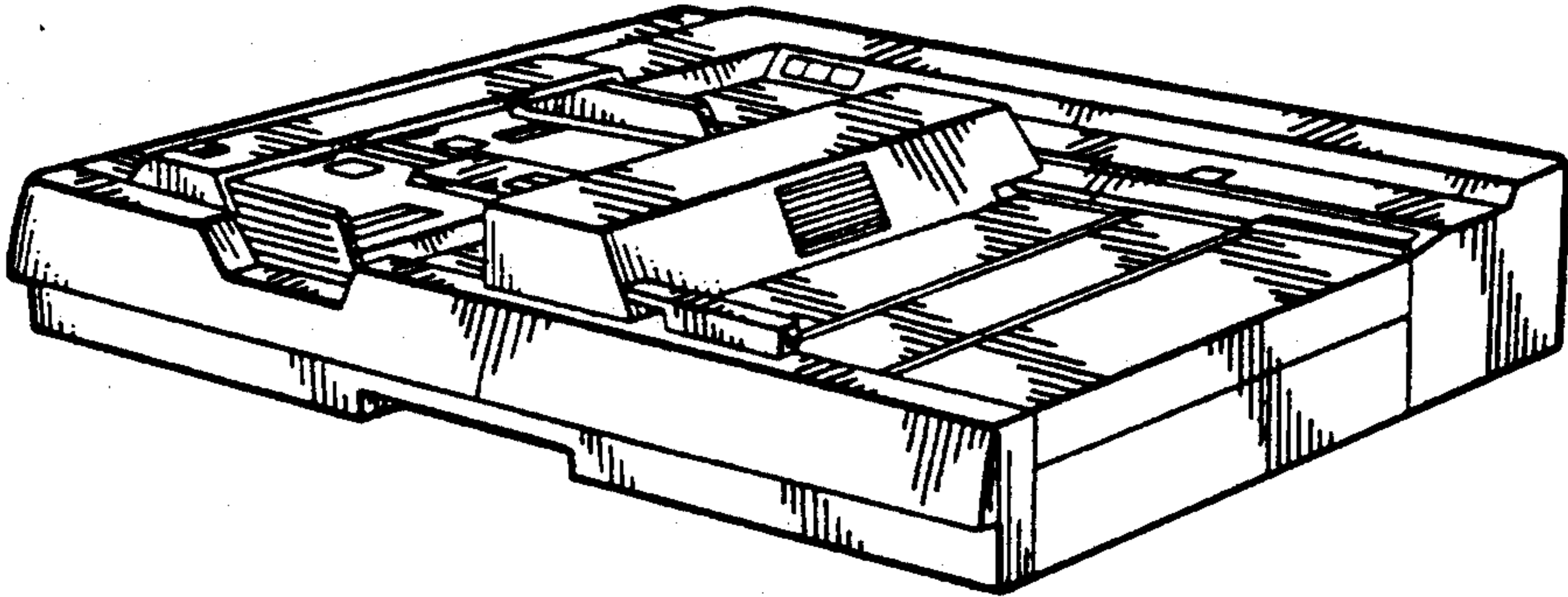


FIG. 2

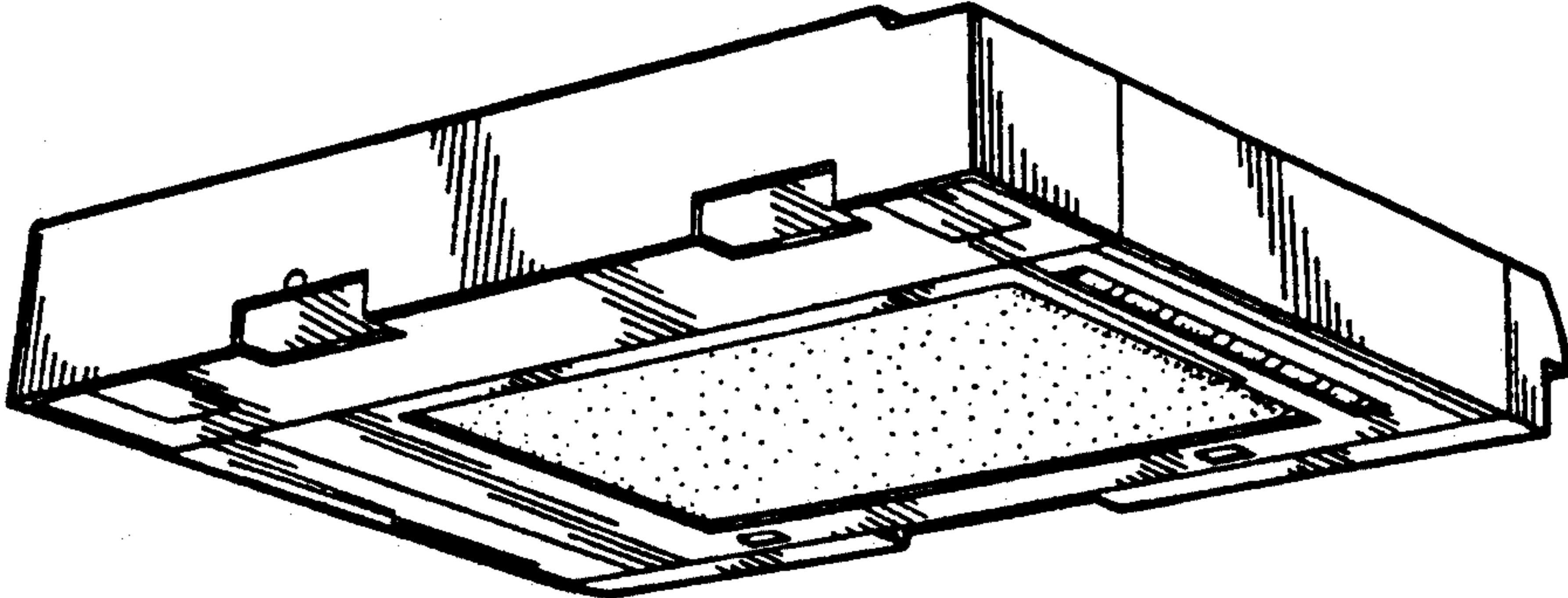


FIG. 3

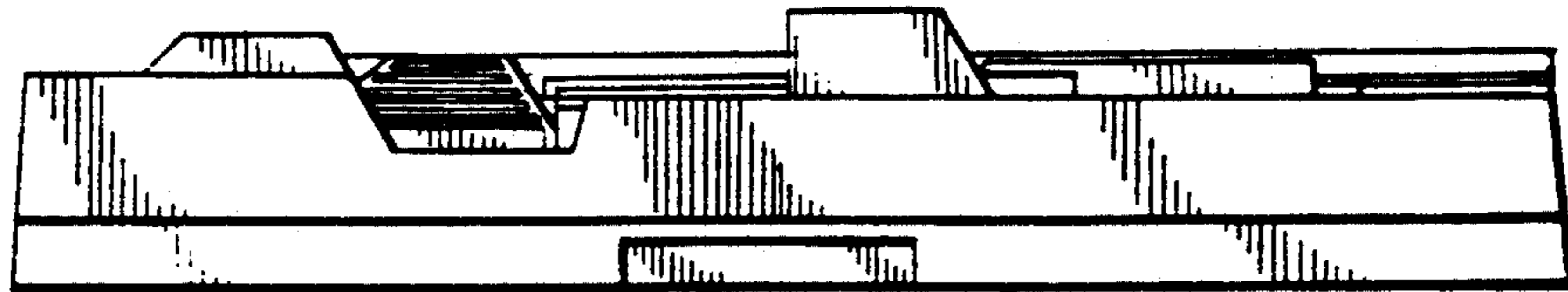


FIG. 4

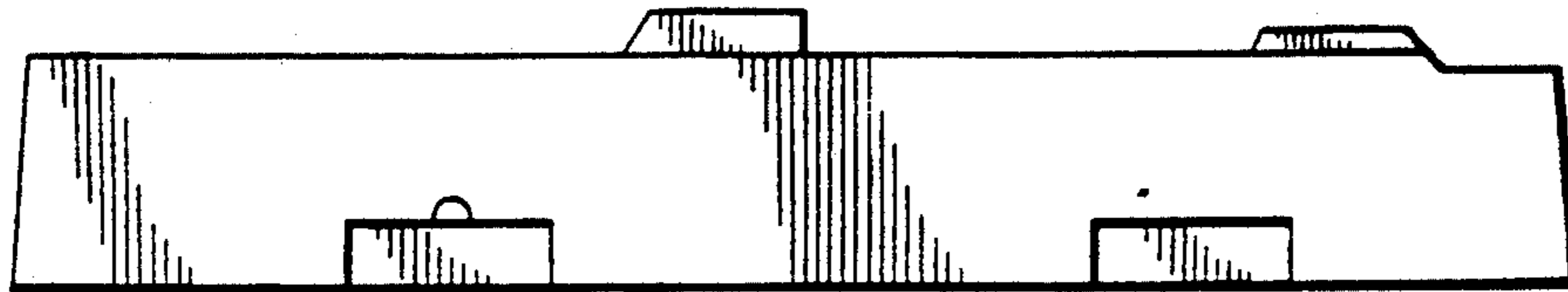


FIG. 5

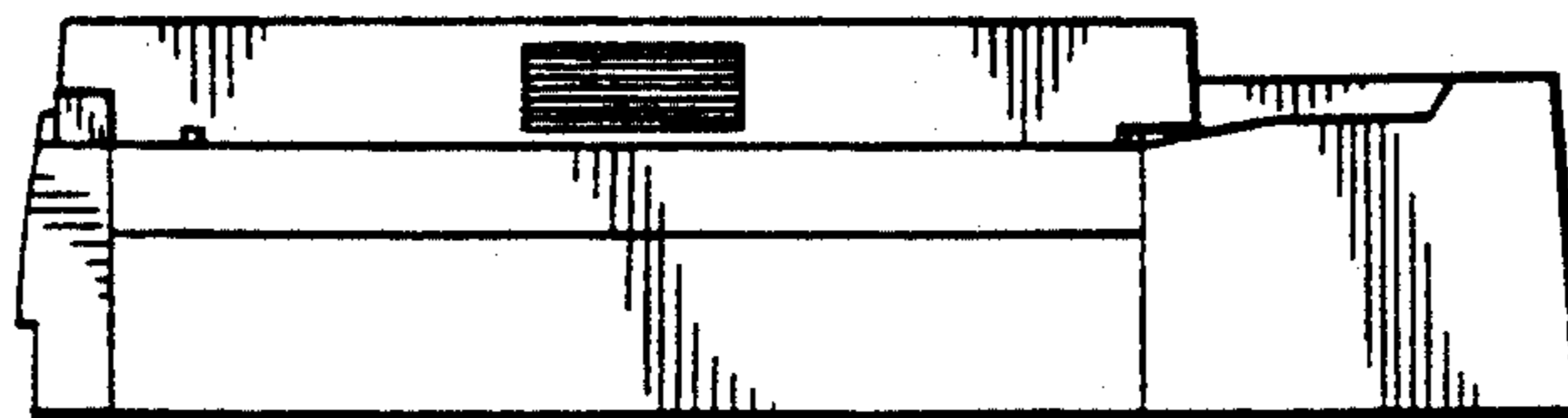


FIG. 6

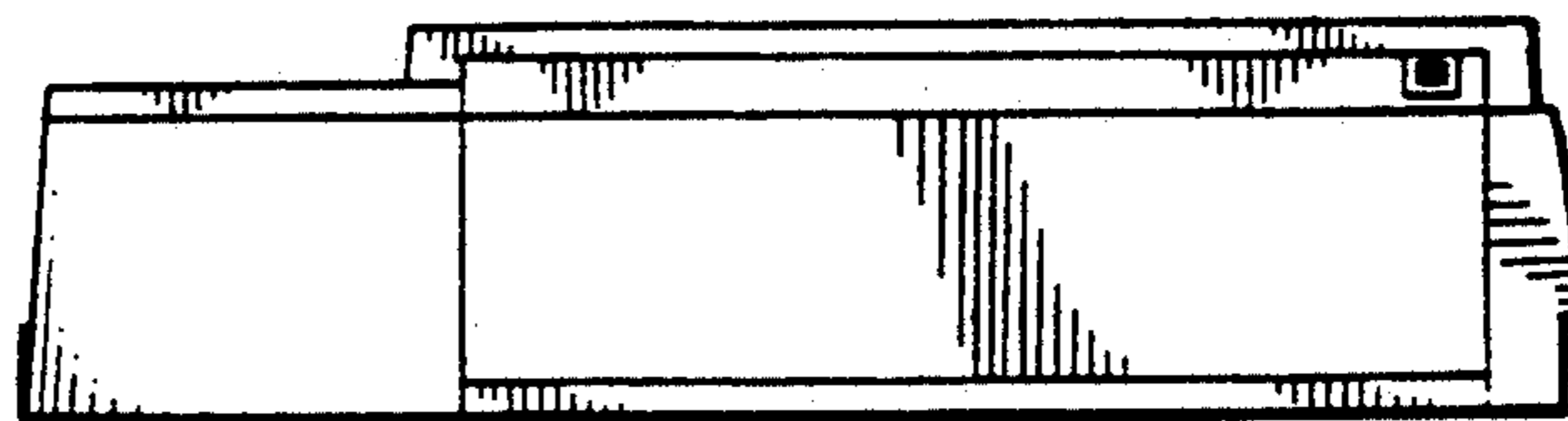


FIG. 7

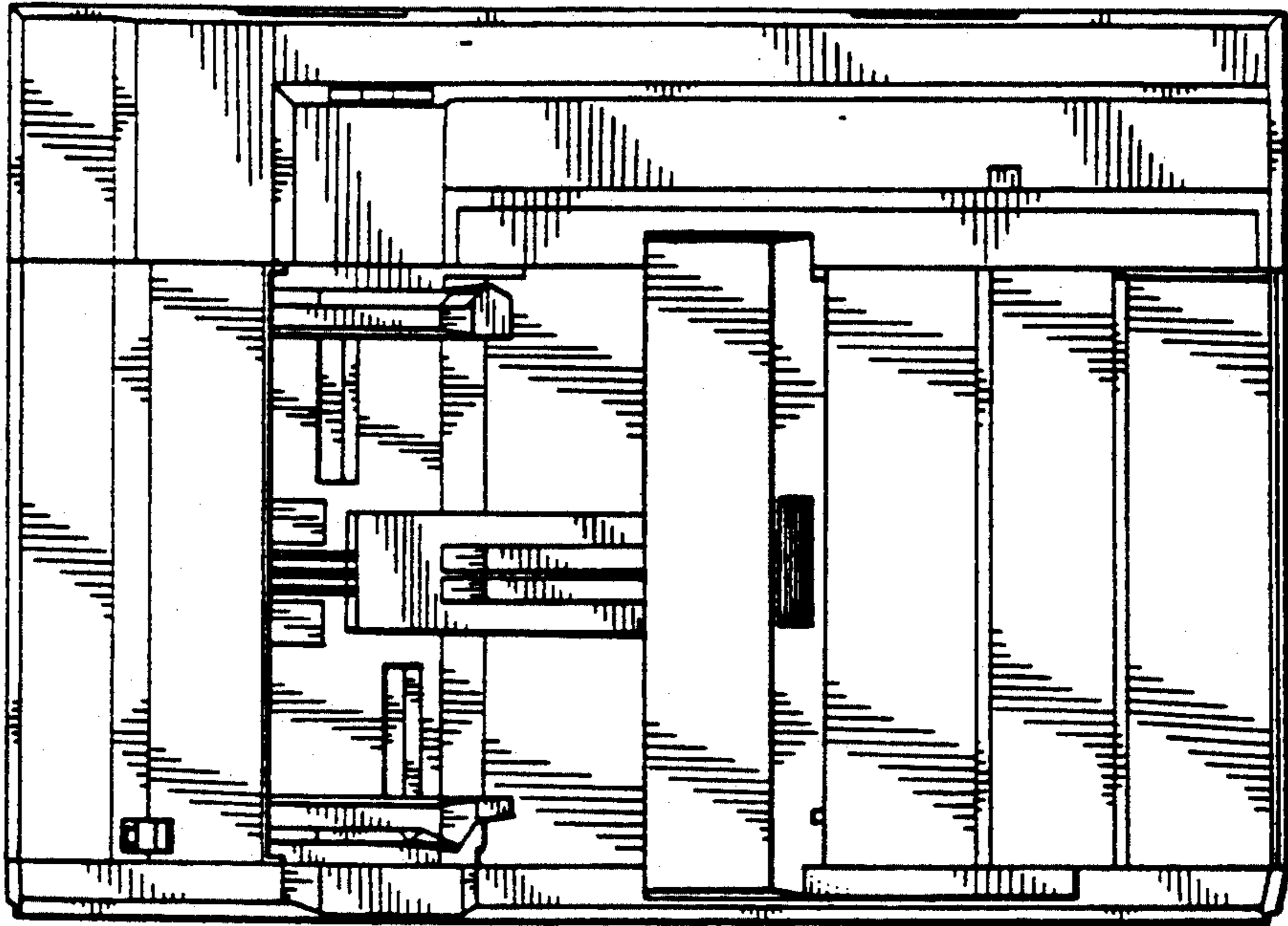


FIG. 8

