

United States Patent [19]

Ishii et al.

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[45] Date of Patent: **** Dec. 13, 1988**

[54] **DOCUMENT FEEDER**

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[73] Assignee: **Ricoh Company, Ltd., Tokyo, Japan**

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

[21] Appl. No.: **817,014**

[22] Filed: **Jan. 8, 1986**

[30] **Foreign Application Priority Data**

Jul. 8, 1985 [JP] Japan 60-29025

[52] U.S. Cl. **D16/32**

[58] Field of Search **D16/27-32; 271/9, 18, 161, 3, 3.1, 287-305; D14/110**

[56] **References Cited**

U.S. PATENT DOCUMENTS

D. 263,962 4/1982 Kurozumi D16/32
D. 272,830 2/1984 Hara D16/32
D. 276,238 11/1984 Kosako D16/32
D. 278,347 4/1985 Kawazu D16/32

D. 281,170 10/1985 Hara D16/32
D. 282,625 4/1986 Goto D16/32
D. 286,540 11/1986 Hashimoto D16/32
4,068,949 1/1978 Booth 271/145 X
4,184,671 1/1980 Sasamuri 271/18
4,279,504 7/1981 Brown D16/32 X
4,439,036 3/1984 Davis D16/32 X

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[57] **CLAIM**

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

DESCRIPTION

FIG. 1 is a front and top-left perspective view of a document feeder showing our new design;
FIG. 2 is a front elevational view thereof;
FIG. 3 is a top plan view thereof;
FIG. 4 is a right side elevational 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.

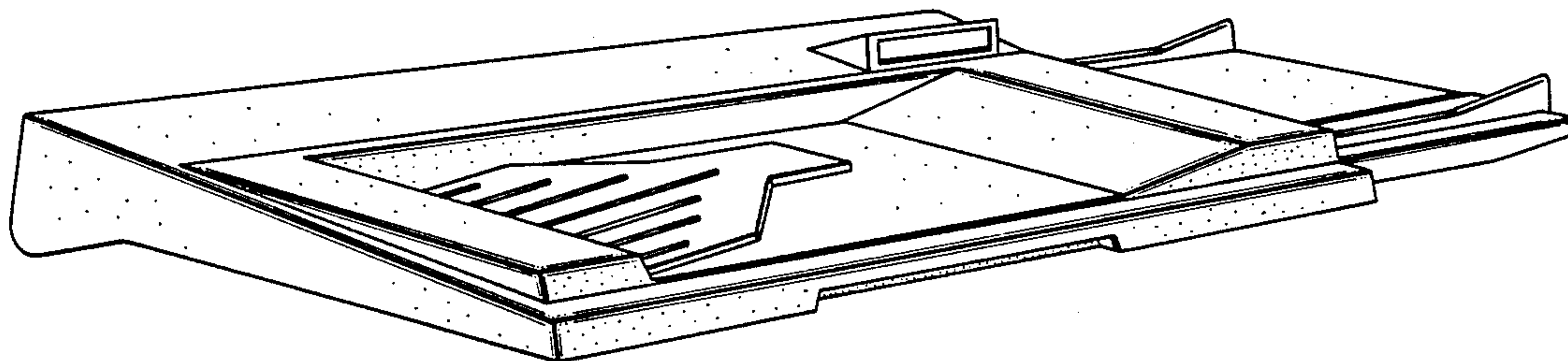


FIG. 1

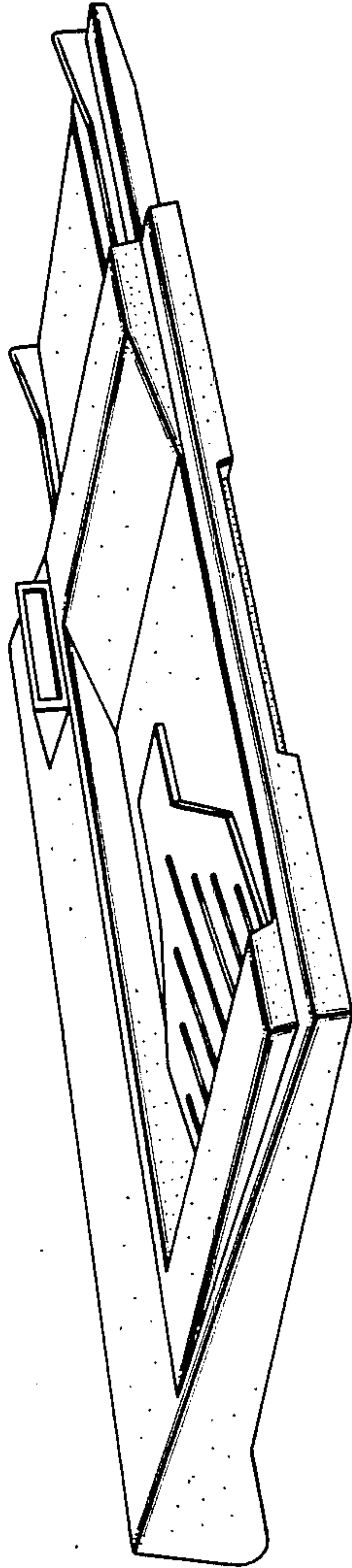


FIG. 2

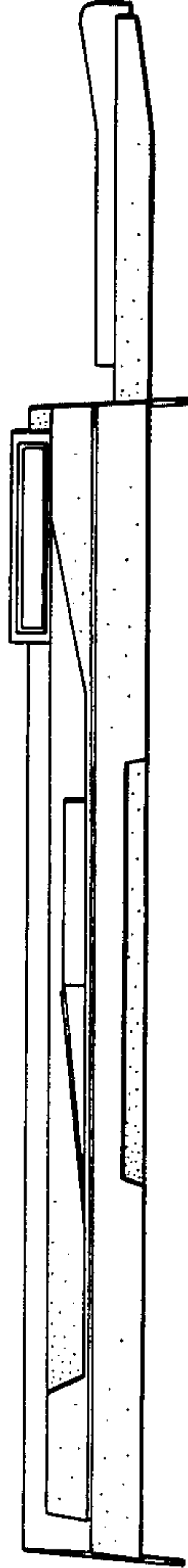


FIG. 3

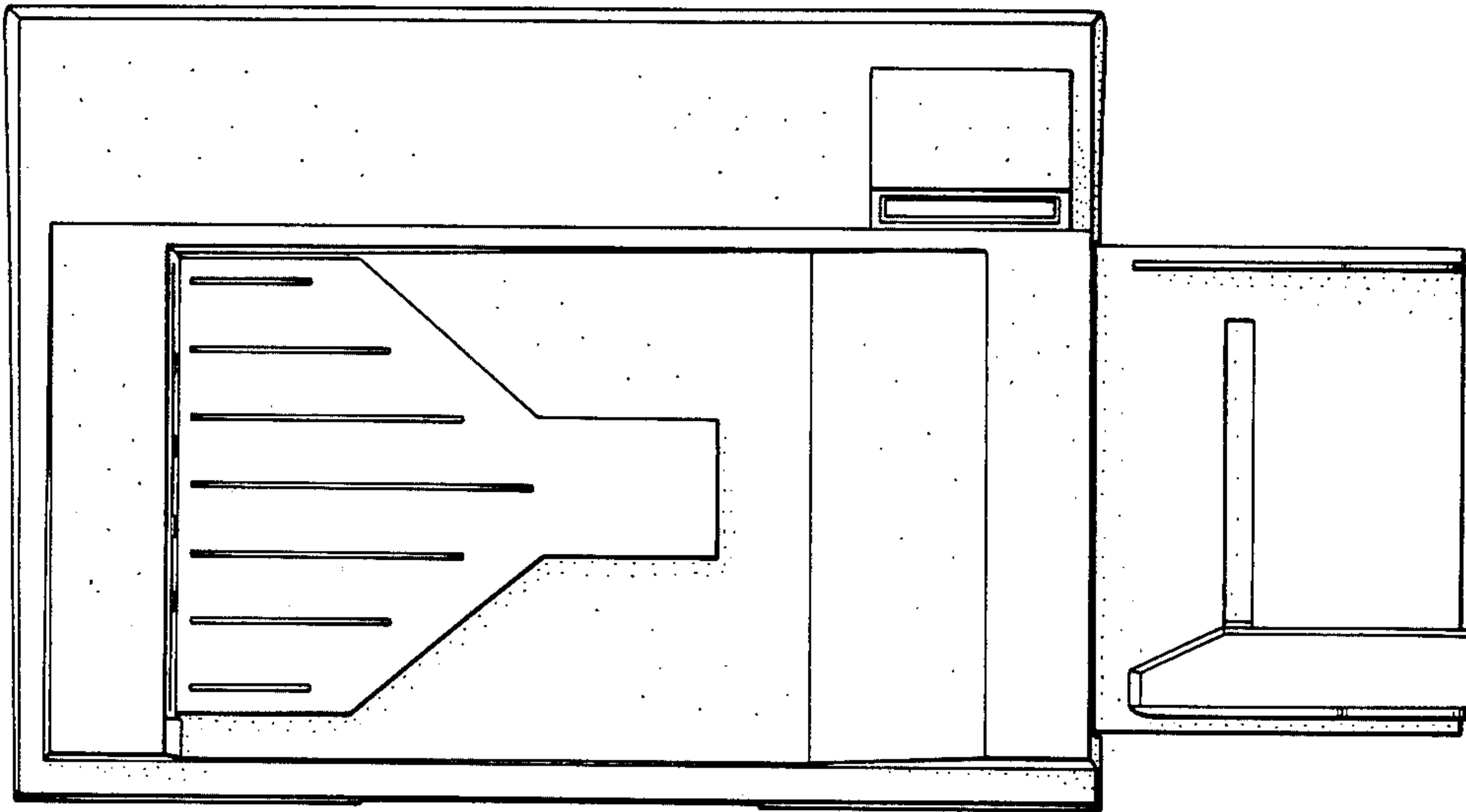


FIG. 4

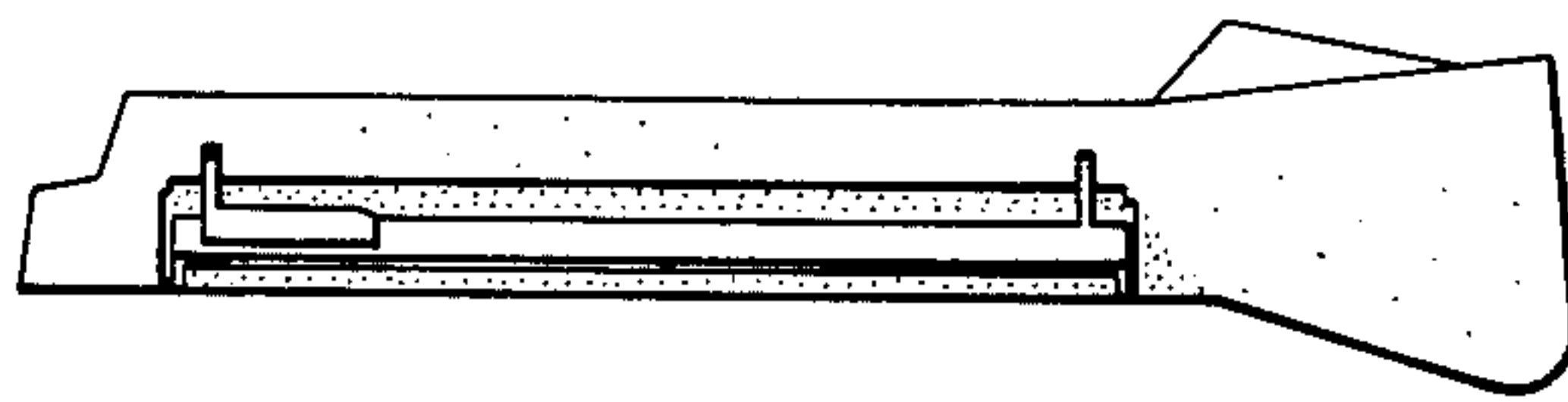


FIG. 5

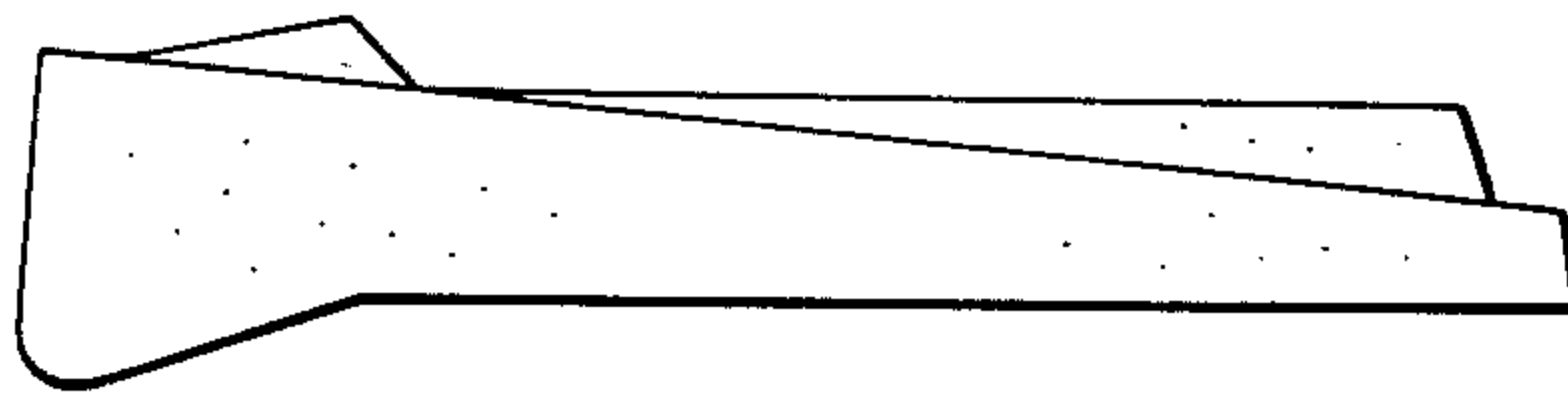


FIG. 6

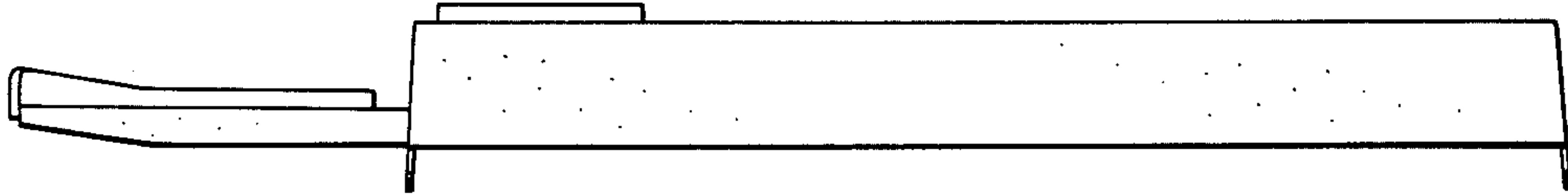


FIG. 7

