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United States Patent [19]

Kabumoto et al.

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[45] Date of Patent: **** Aug. 8, 2000**

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

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

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

[21] Appl. No.: **29/106,447**

[22] Filed: **Jun. 17, 1999**

[30] **Foreign Application Priority Data**

Dec. 18, 1998 [JP] Japan 10-036779

[51] **LOC (7) Cl.** **18-99**

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

[58] **Field of Search** D18/36-40, 46, D18/49; 399/361, 363, 364, 365, 381, 393, 405; 271/3.14, 8.1

[56] **References Cited**

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[57] **CLAIM**

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

DESCRIPTION

FIG. 1 is a top, front and left side perspective view of an automatic document feeder for an electronic copying machine showing our new design; FIG. 2 is a front elevation view thereof; FIG. 3 is a rear elevation view thereof; FIG. 4 is a left side elevation view thereof; FIG. 5 is a right side elevation view thereof; FIG. 6 is a top elevation view thereof; FIG. 7 is a bottom elevation view thereof; FIG. 8 is a top, front and left side perspective view thereof, the broken line showing of an electronic copying machine is for illustrative purposes only and forms no part of the claimed design.

1 Claim, 3 Drawing Sheets

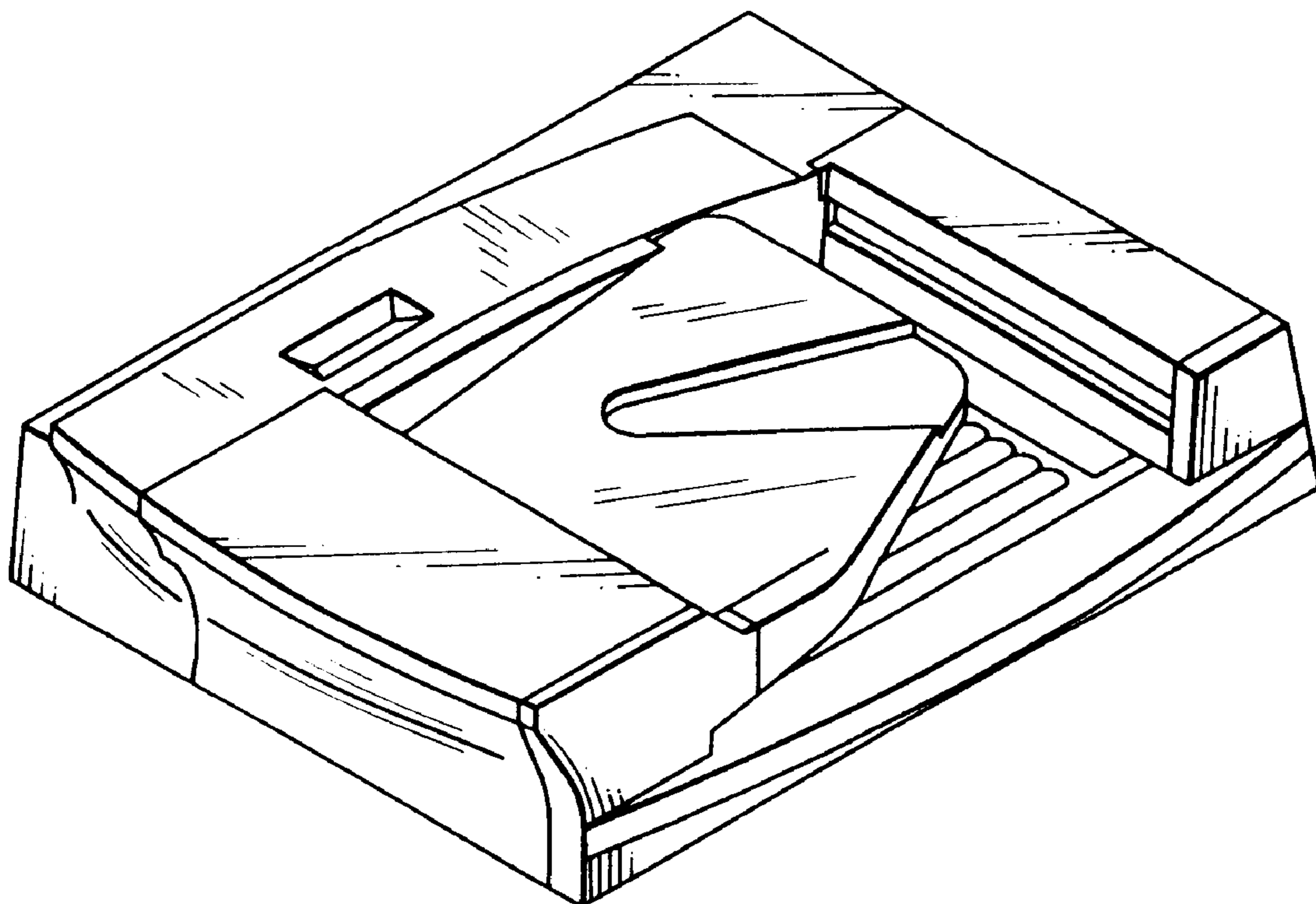


FIG. 1

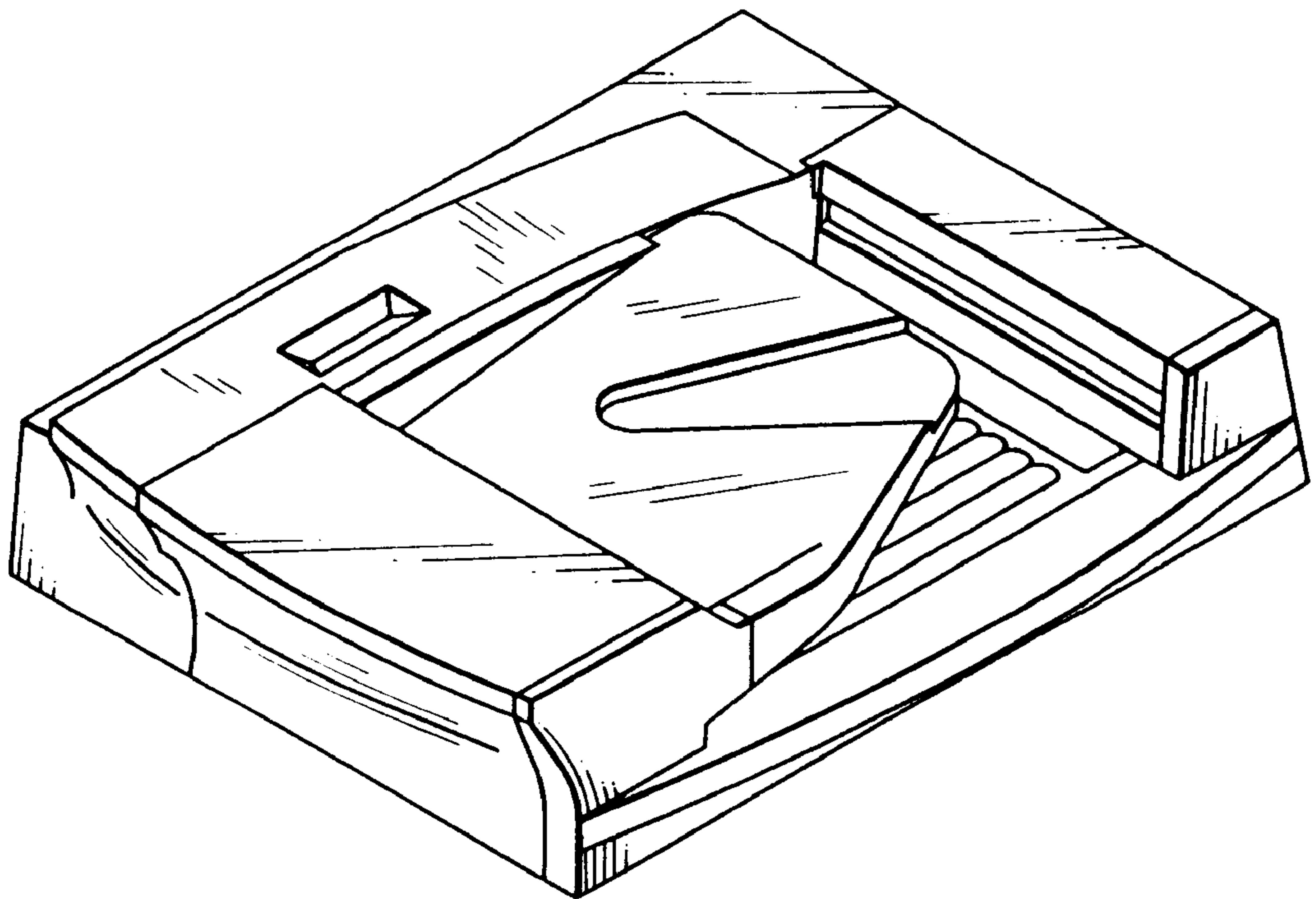


FIG. 2

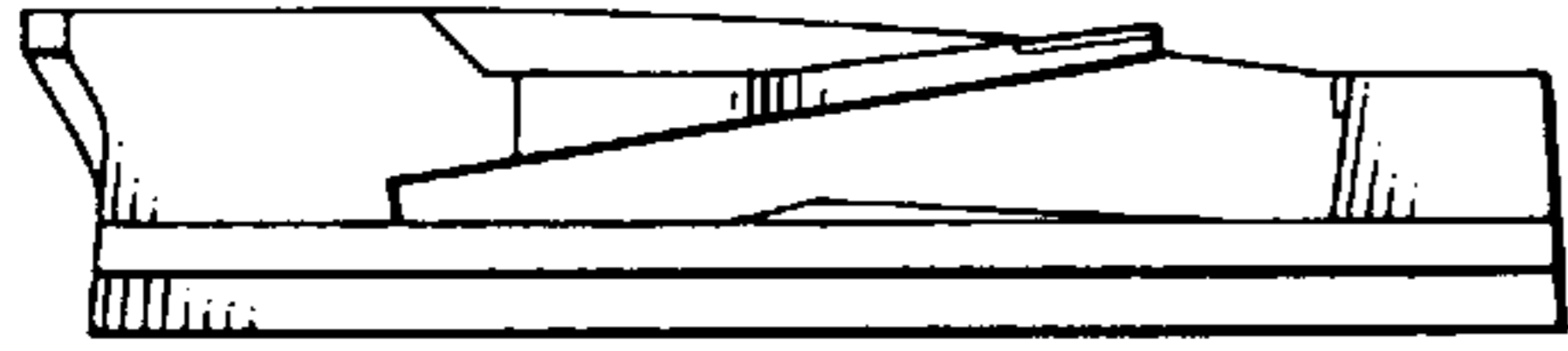


FIG. 3

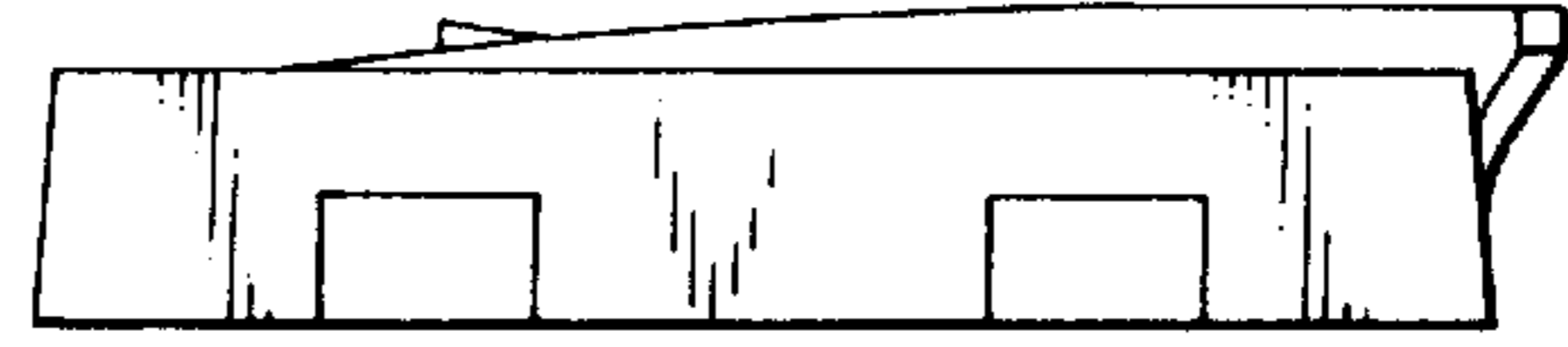


FIG. 4

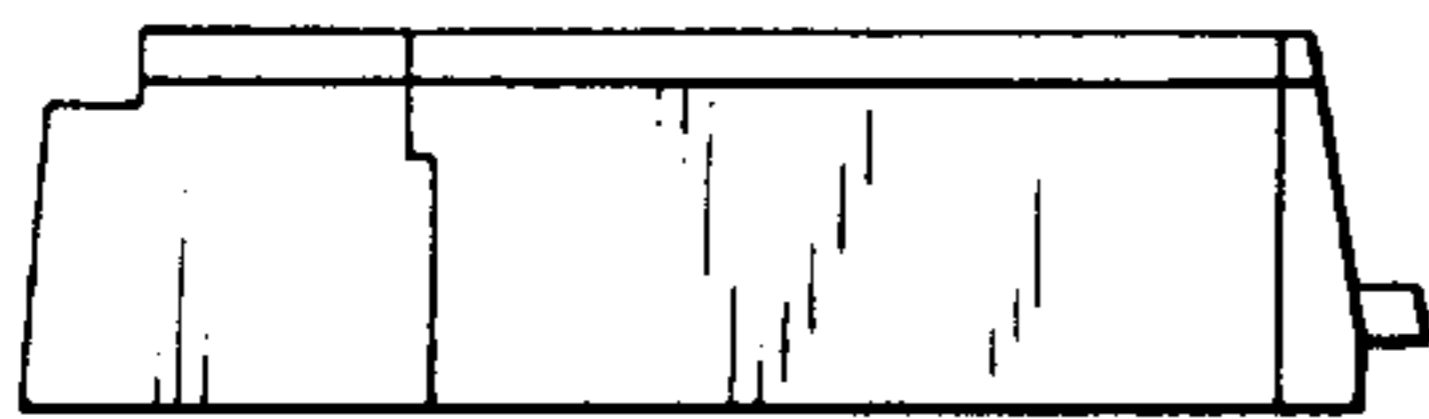


FIG. 5



FIG. 6

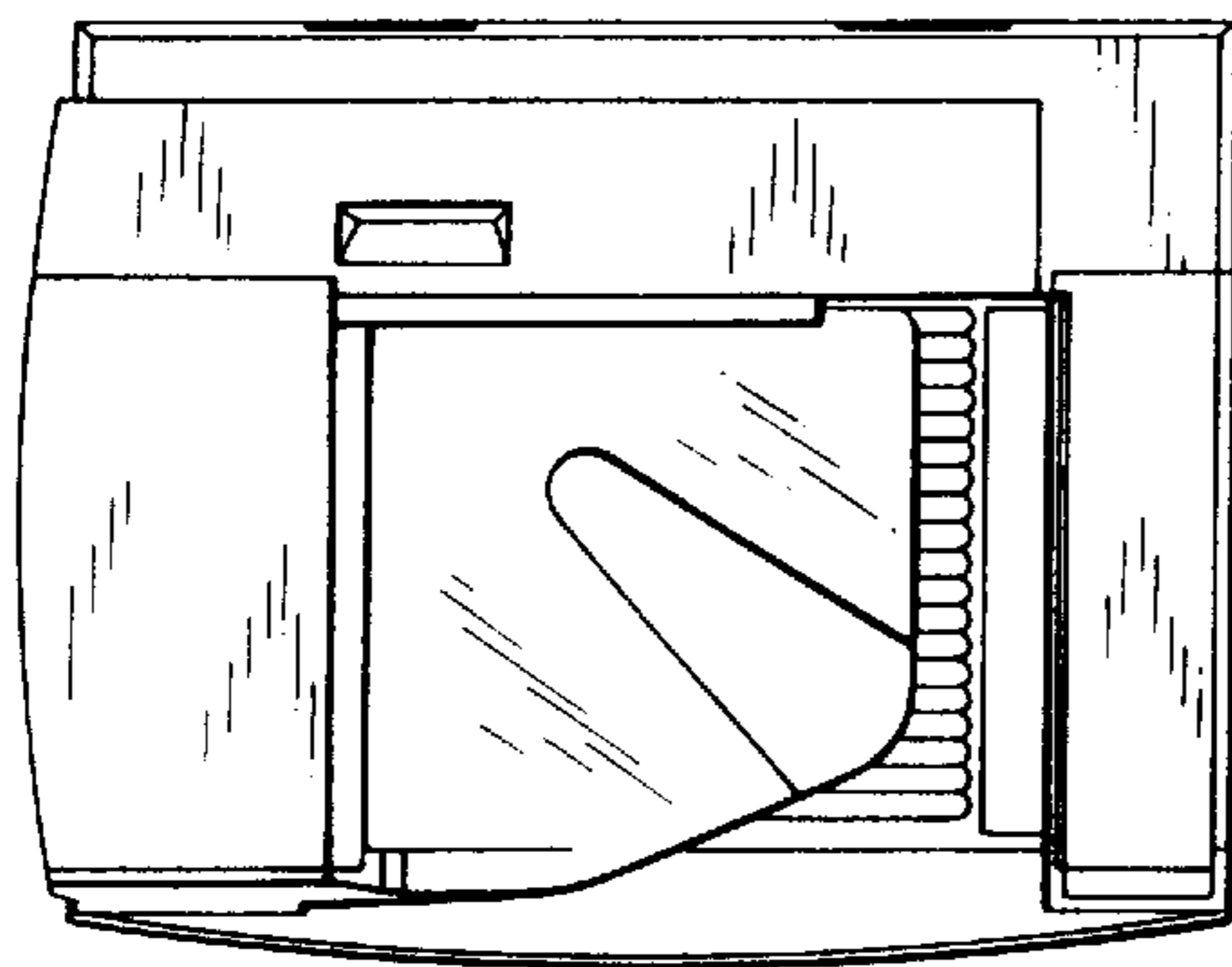
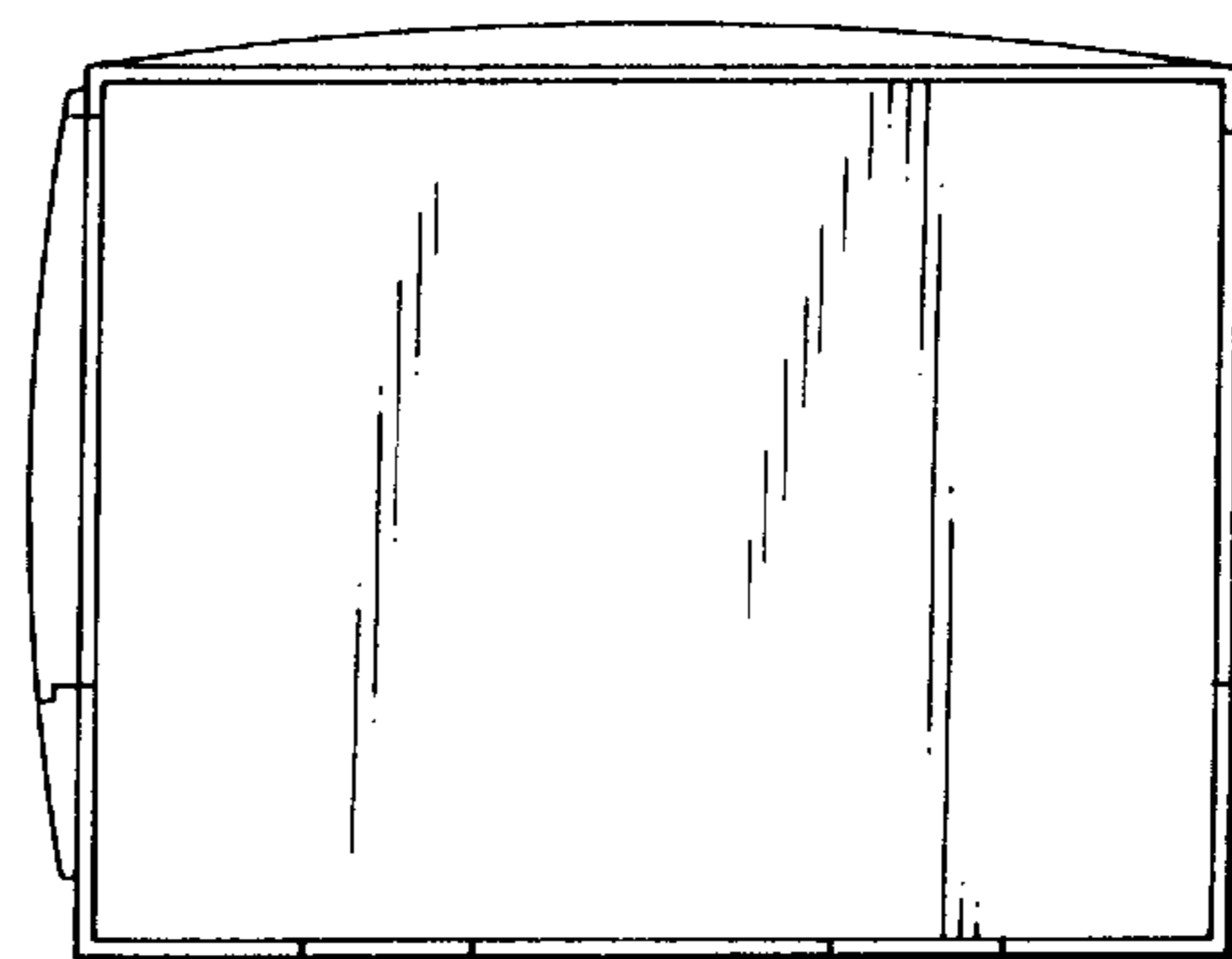


FIG. 7



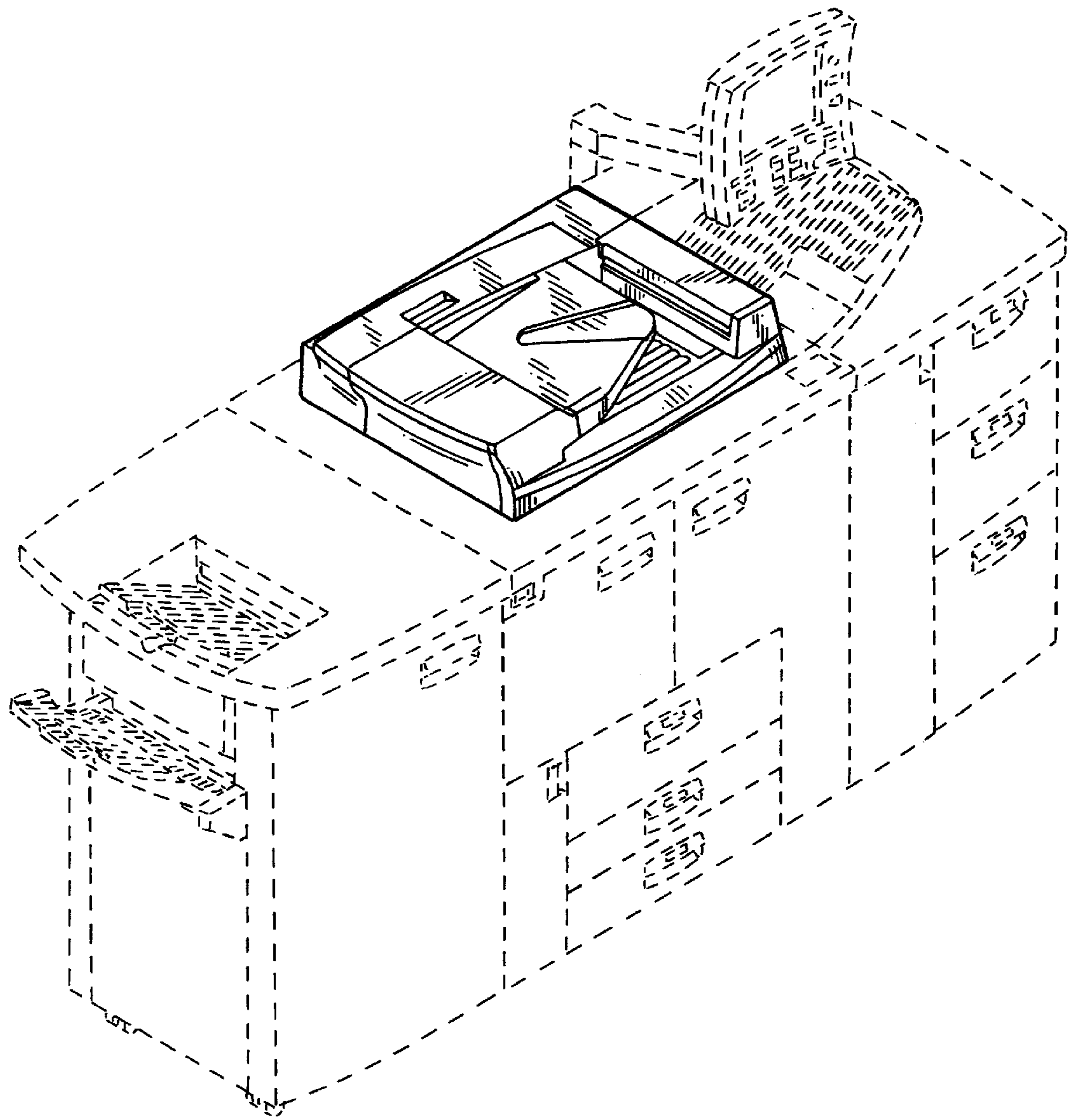


FIG. 8