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United States Patent [19]

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Mayo et al.

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[54] **HAND-HELD PROGRAMMER**

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[73] Assignee: Lutron Electronics Co., Inc., Coopersburg, Pa.

[**] Term: 14 Years

[21] Appl. No.: 491,131

[22] Filed: Mar. 8, 1990

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D. 258,062 1/1981 Cusimano D18/7 X
D. 307,888 5/1990 Ishida D14/100
4,661,889 4/1987 Fushimoto 361/395 X

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Computer Design—May 1, 1989—p. 119—EPROM Programmer, (top left box).
Meridian Ltd., Apr. 20, 1984, p. 6, TeleHelper 1600, Item A.

Primary Examiner—Wallace R. Burke
Assistant Examiner—Freda S. Nunn

[57] CLAIM

The ornamental design for a hand-held programmer, as shown and described.

Related U.S. Application Data

[63] Continuation-in-part of Ser. No. 466,829, Jan. 16, 1990.
[52] U.S. Cl. D14/100; D18/7
[58] Field of Search D14/100, 101, 105, 106, D14/107; D13/162, 184, 199, 158; D18/1, 7, 11, 12; 235/54 F; 340/700, 706, 711, 712; 341/22, 23; 364/192, 193, 706-708, 900; 361/395

DESCRIPTION

FIG. 1 is a top front side perspective view of a hand-held programmer showing our new design, the indicia is shown in broken lines for illustrative purposes only and forms no part of the claimed design;

FIG. 2 is a side elevational view thereof opposite that shown in FIG. 1;

FIG. 3 is a rear elevational view thereof; and,

FIG. 4 is a bottom plan view thereof.

The design is characterized in having a sloping front surface upon which is disposed a display in alignment with a plurality of push-buttons and a rotary encoder wheel.

[56] References Cited

U.S. PATENT DOCUMENTS

D. 227,114 6/1973 Inatomi D14/106

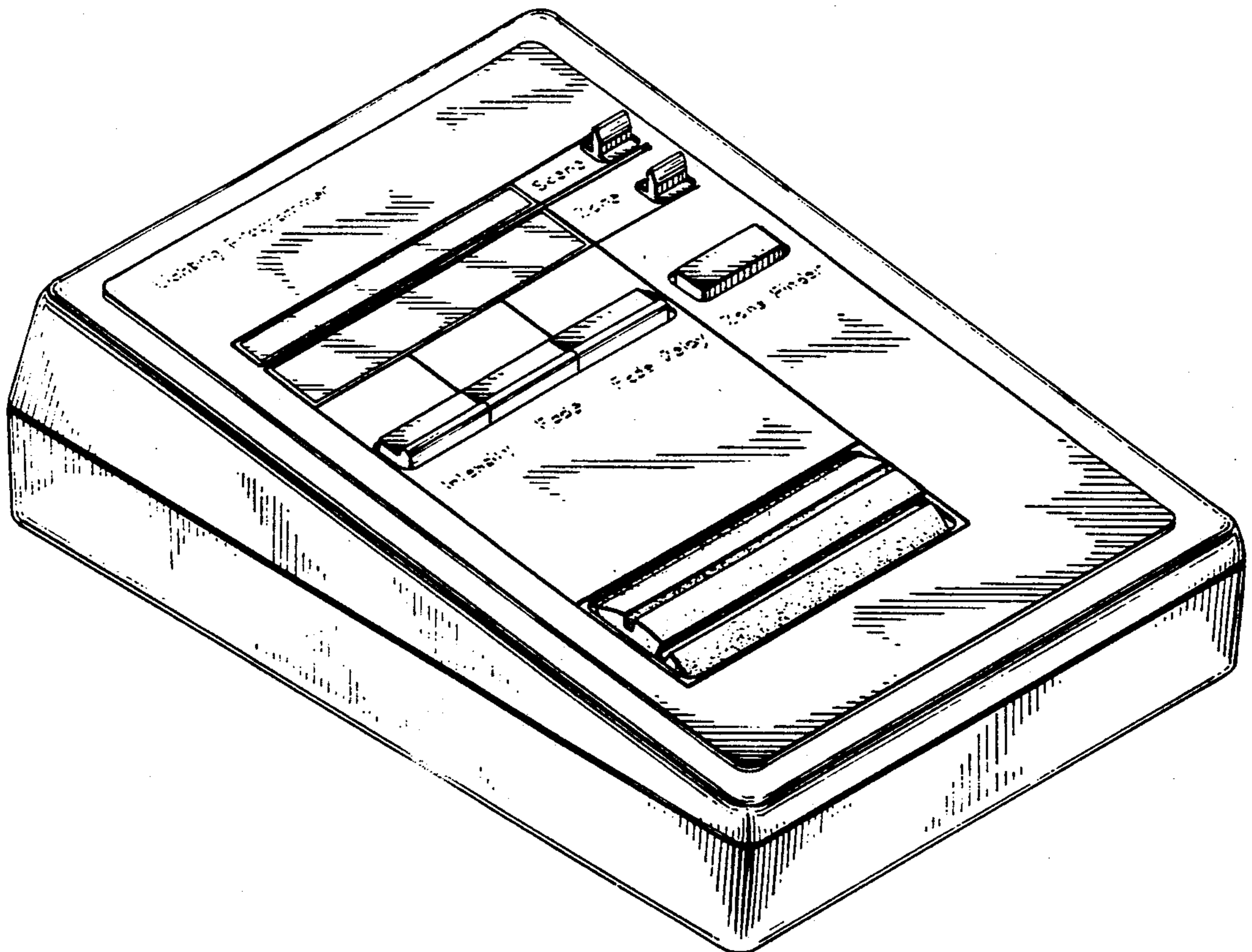


FIG. 1

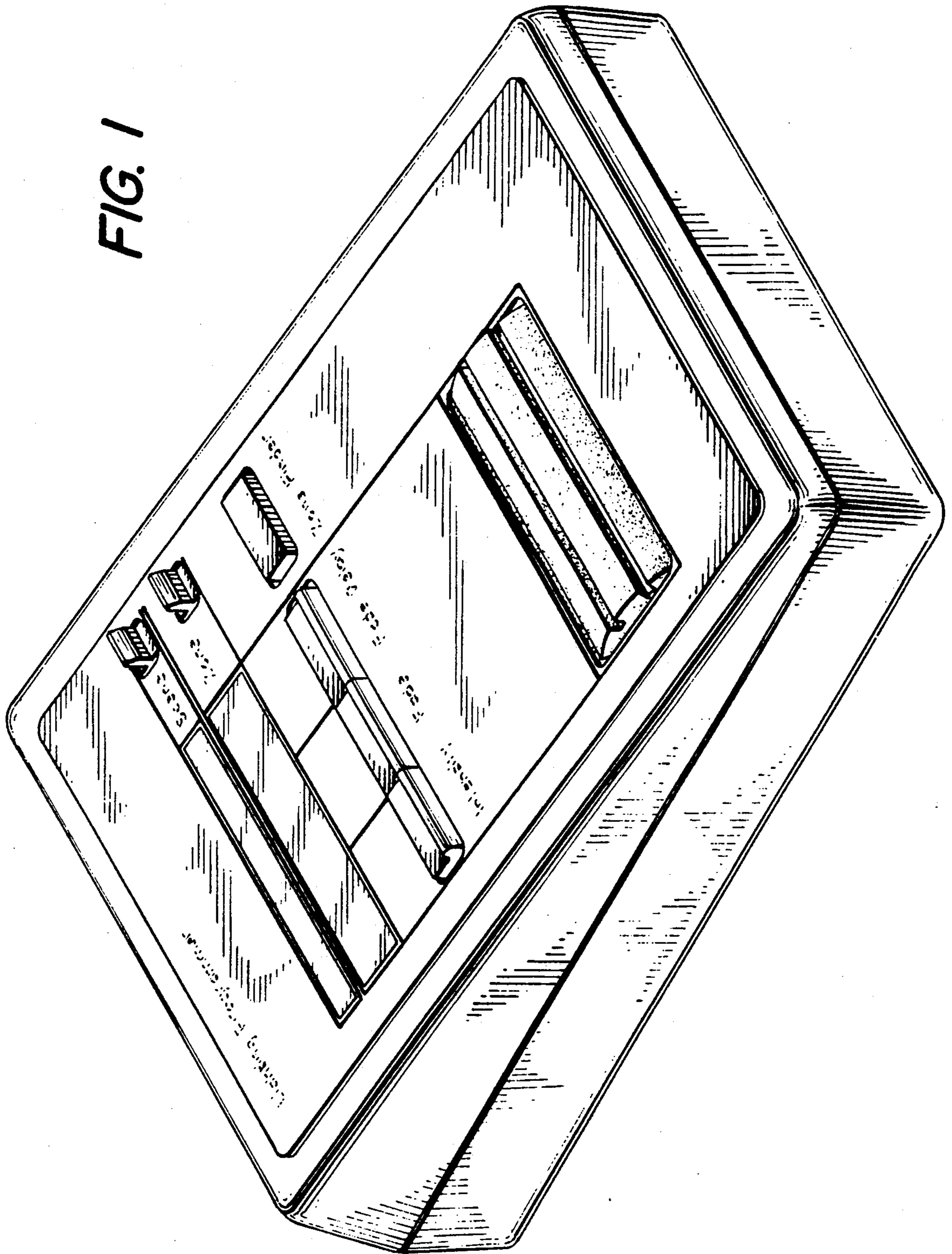


FIG. 2

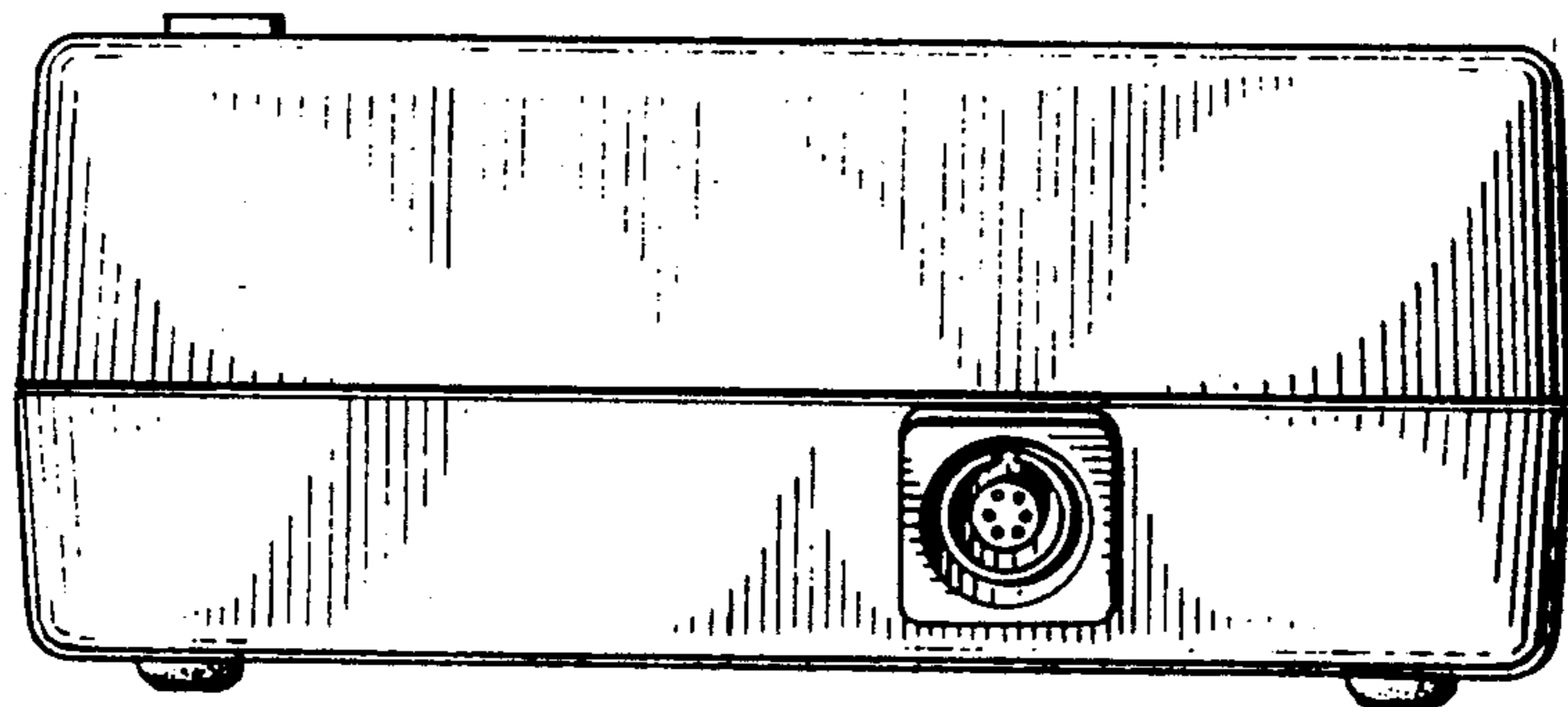
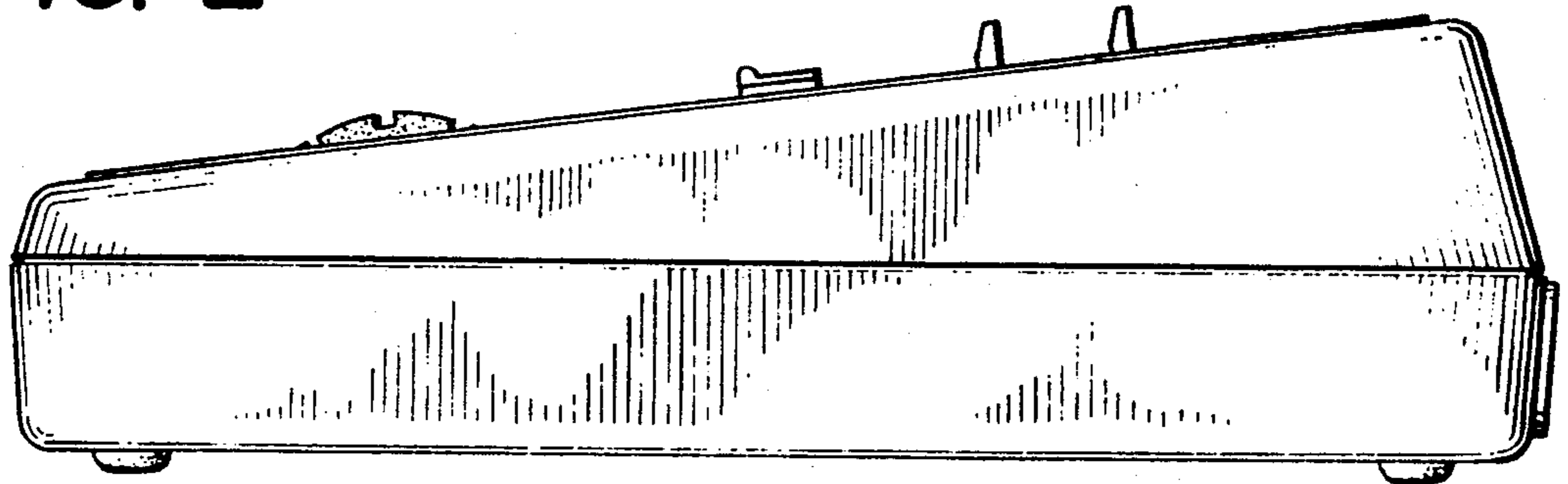


FIG. 3

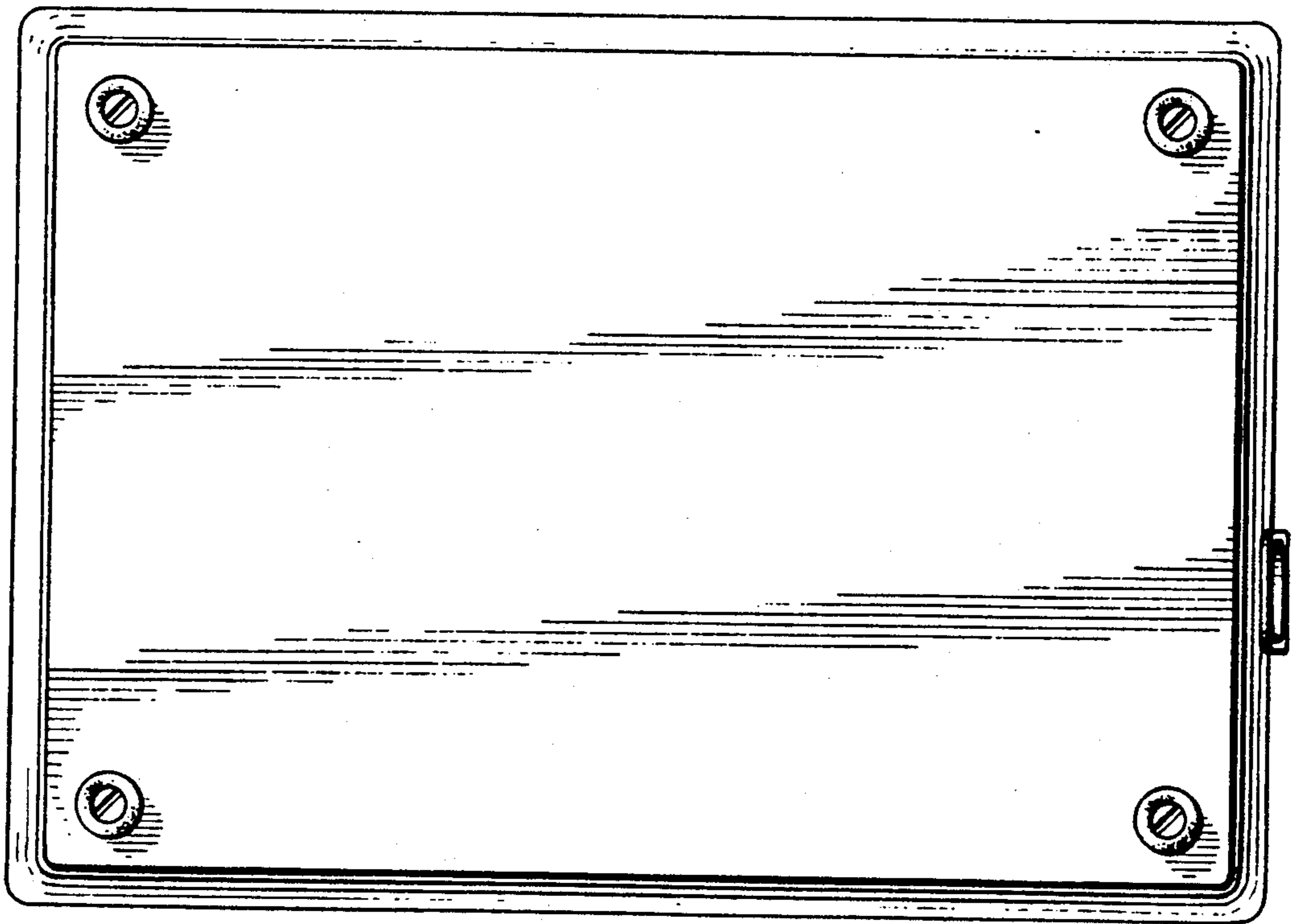


FIG. 4