



US00D392490S

United States Patent [19]

Kimata et al.

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[54] **AUTOMATIC VENETIAN BLIND OPENER AND CLOSER**

[75] Inventors: **Akinori Kimata; Norifumi Niwa**, both of Anjo, Japan

[73] Assignee: **Makita Corporation**, Japan

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

[21] Appl. No.: **58,647**

[22] Filed: **Aug. 13, 1996**

[30] **Foreign Application Priority Data**

Feb. 26, 1996 [JP] Japan 8-5015

[51] LOC (6) Cl. **06-10**

[52] U.S. Cl. **D6/580**

[58] Field of Search D6/580; 160/167, 160/168.1, 178.2, 331, DIG. 17; 318/16, 17

[56] **References Cited**

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Primary Examiner—Antoine Duval Davis
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[57] **CLAIM**

The ornamental design for a automatic venetian blind opener and closer, as shown and described

DESCRIPTION

FIG. 1 is a perspective view of a automatic venetian blind opener and closer showing my new design; FIG. 2 is a front elevational view thereof; FIG. 3 is a rear elevational view thereof; FIG. 4 is a left side elevational view thereof; FIG. 5 is a right side elevational view thereof; FIG. 6 is top plan view thereof; and, FIG. 7 is bottom plan view thereof.

1 Claim, 5 Drawing Sheets

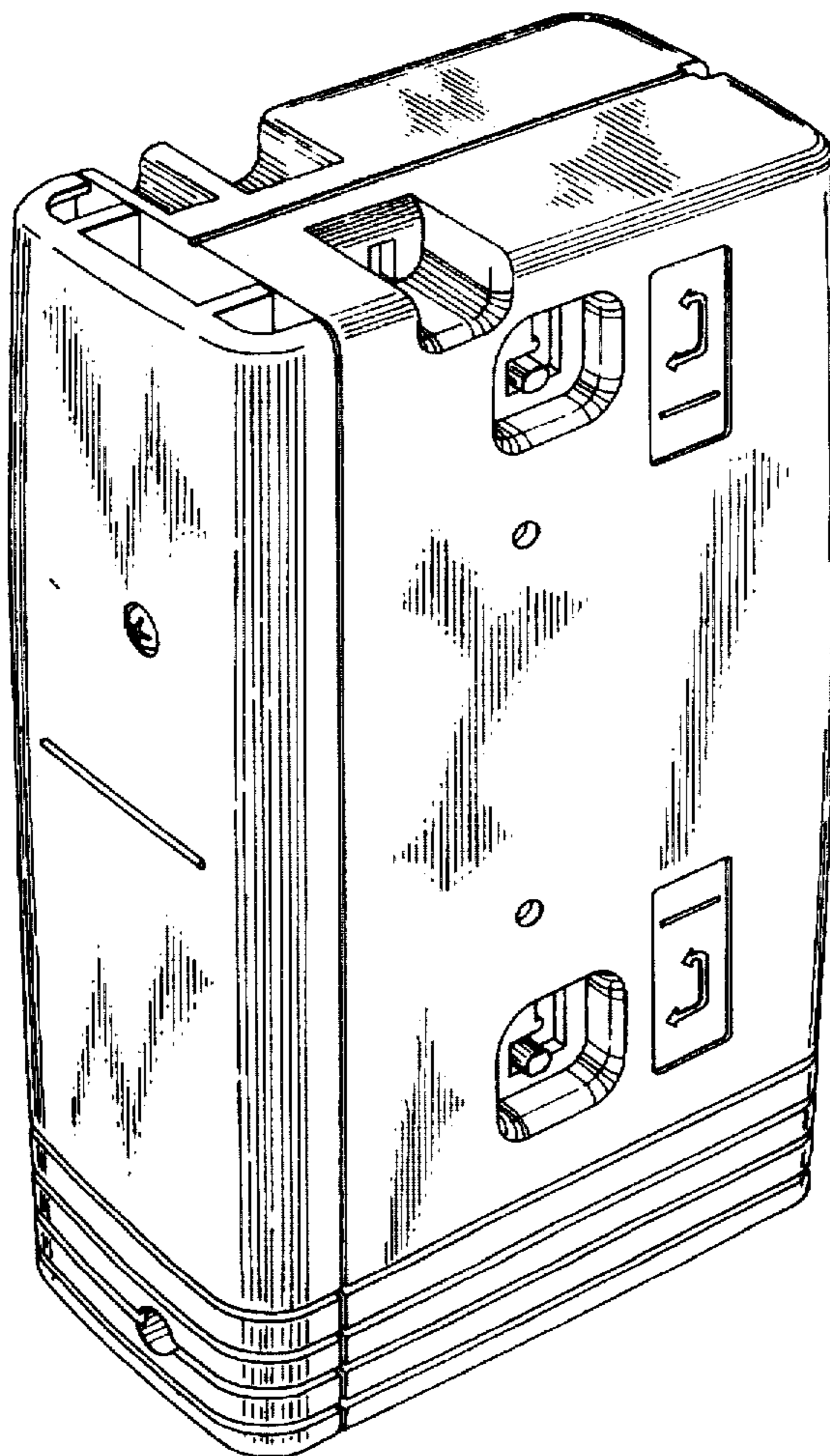


FIG. 1

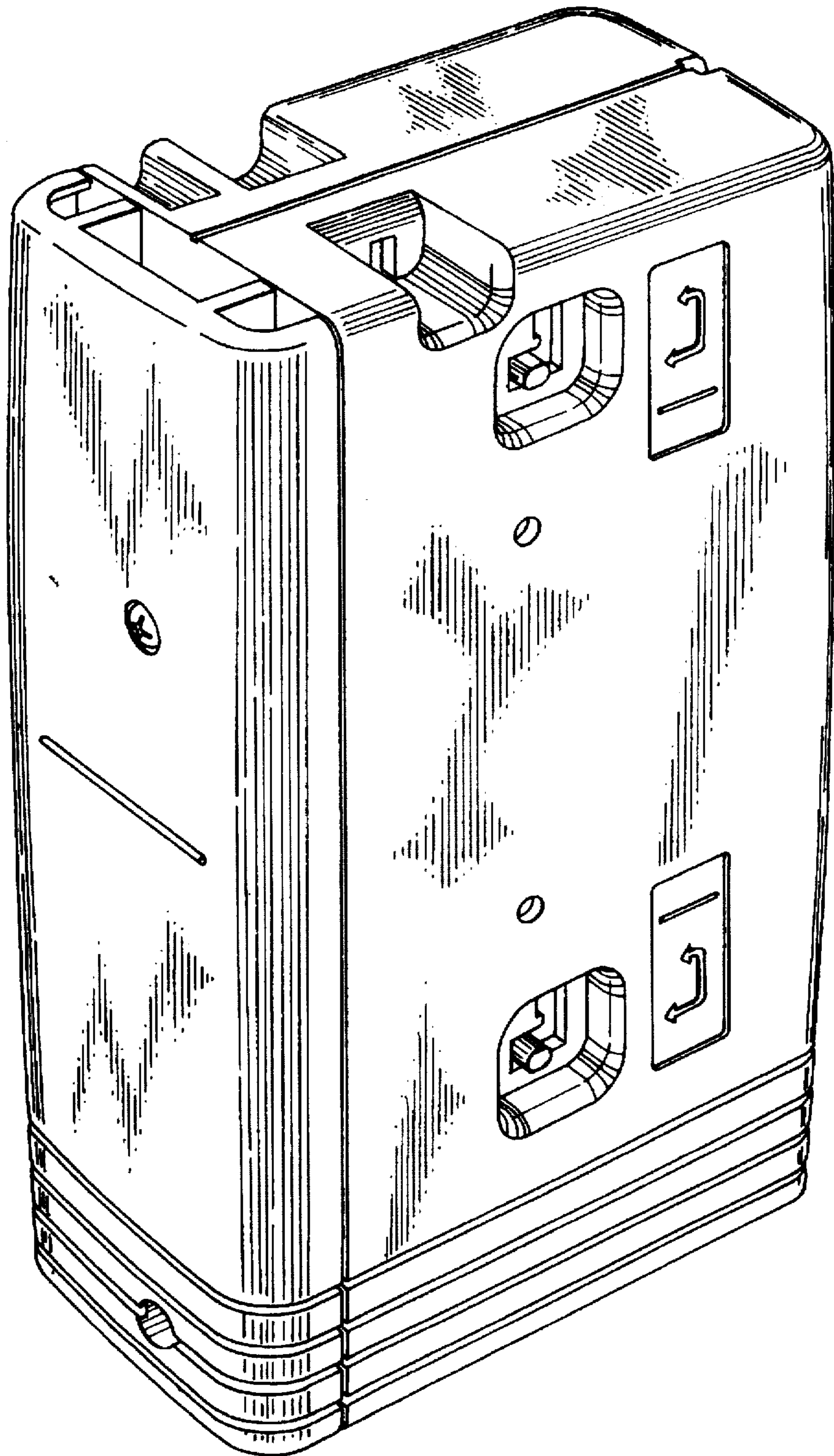


FIG. 2

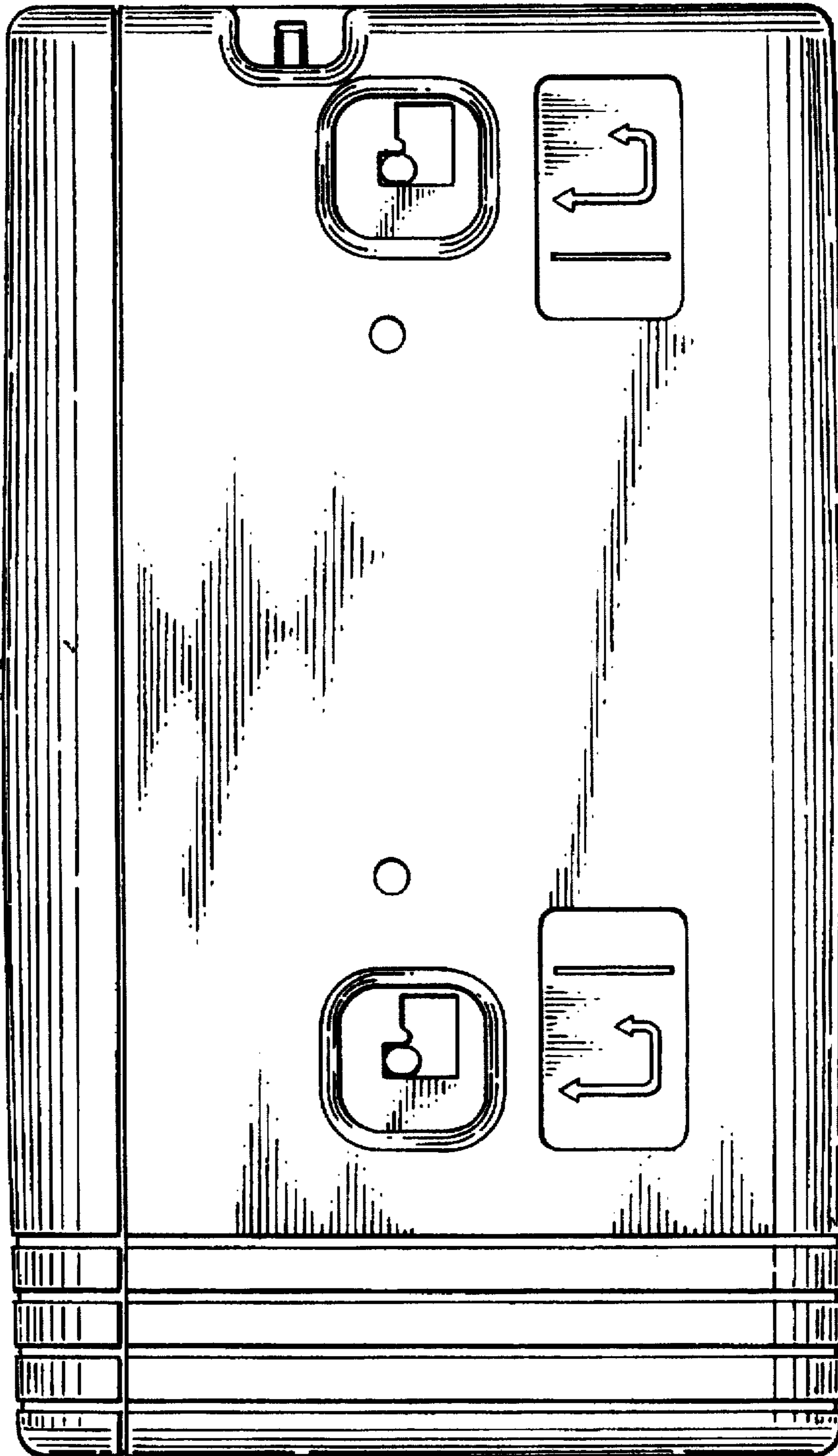


FIG. 3

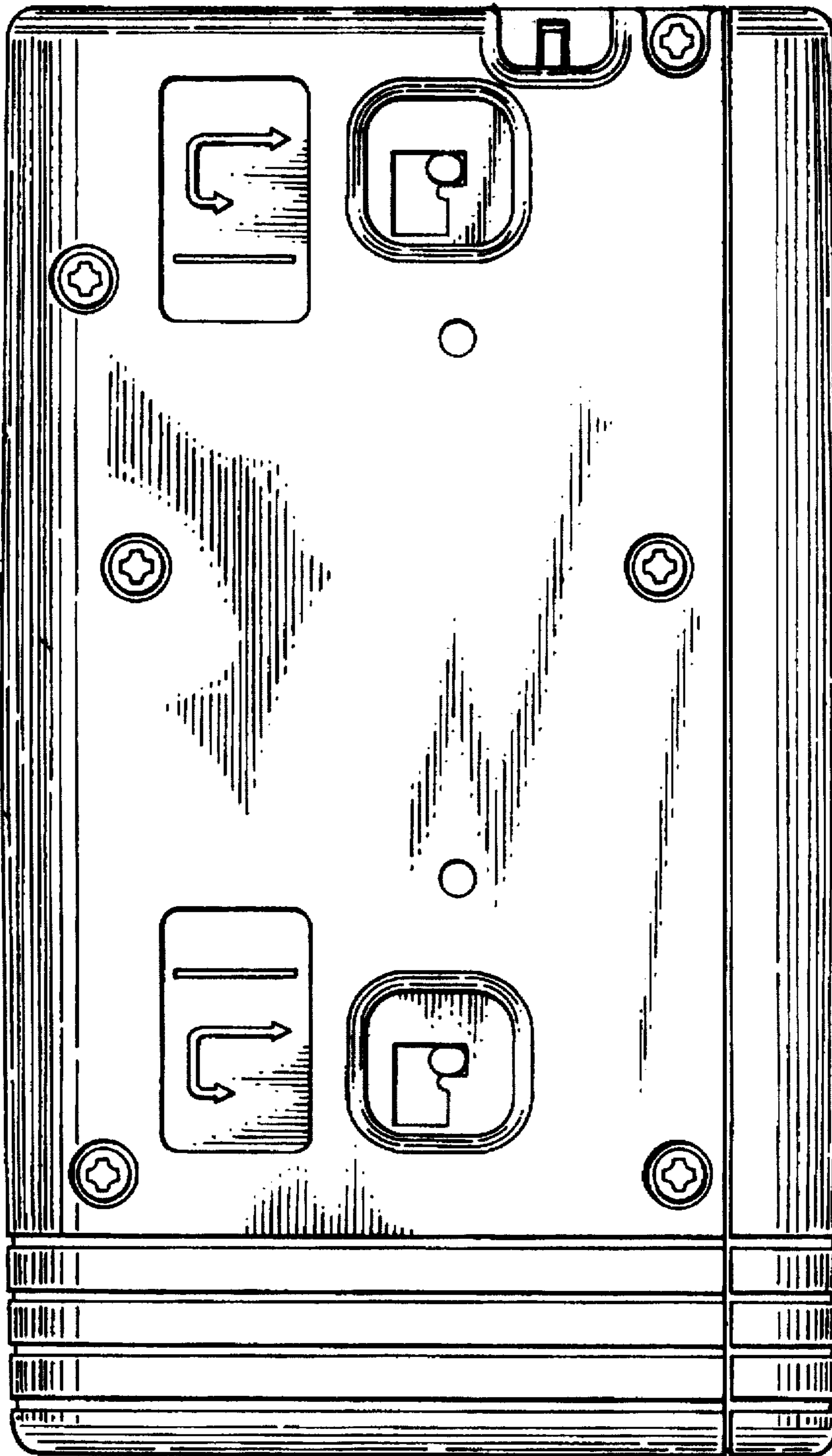


FIG. 4

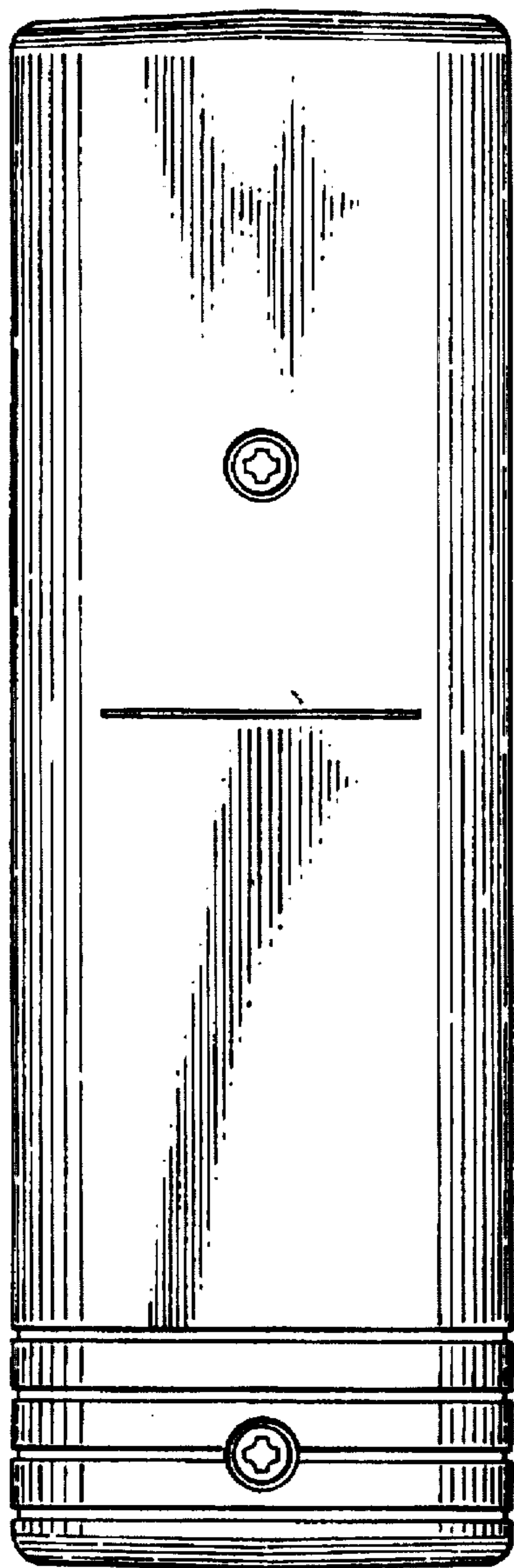


FIG. 5

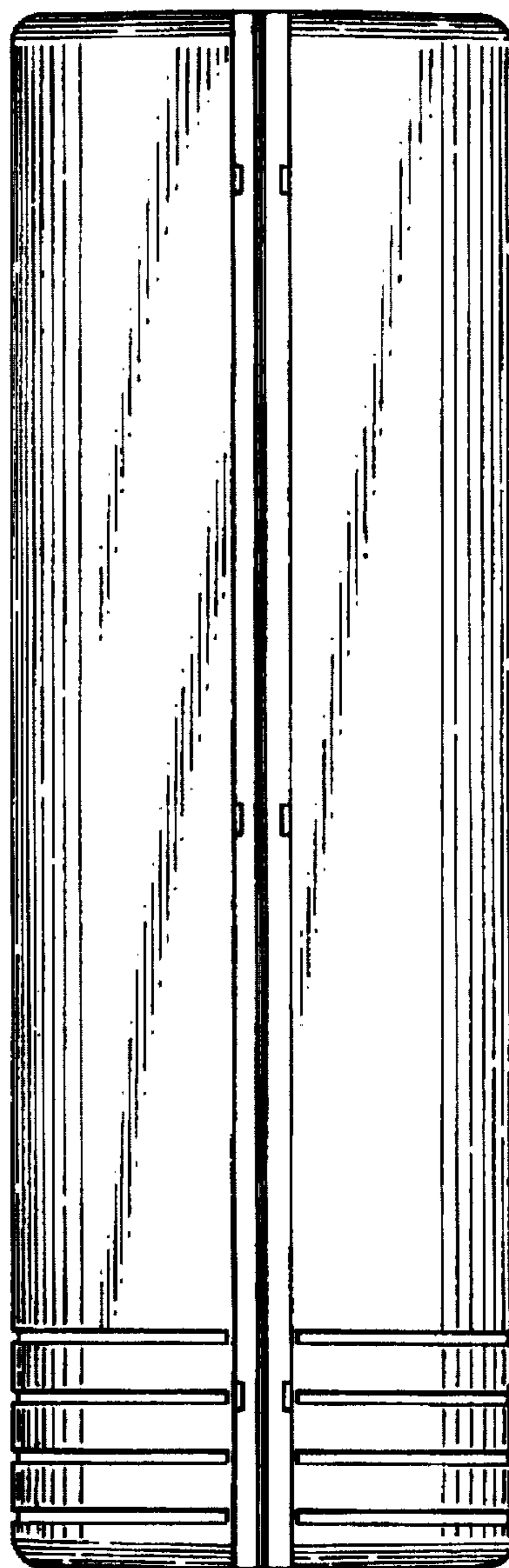


FIG. 6

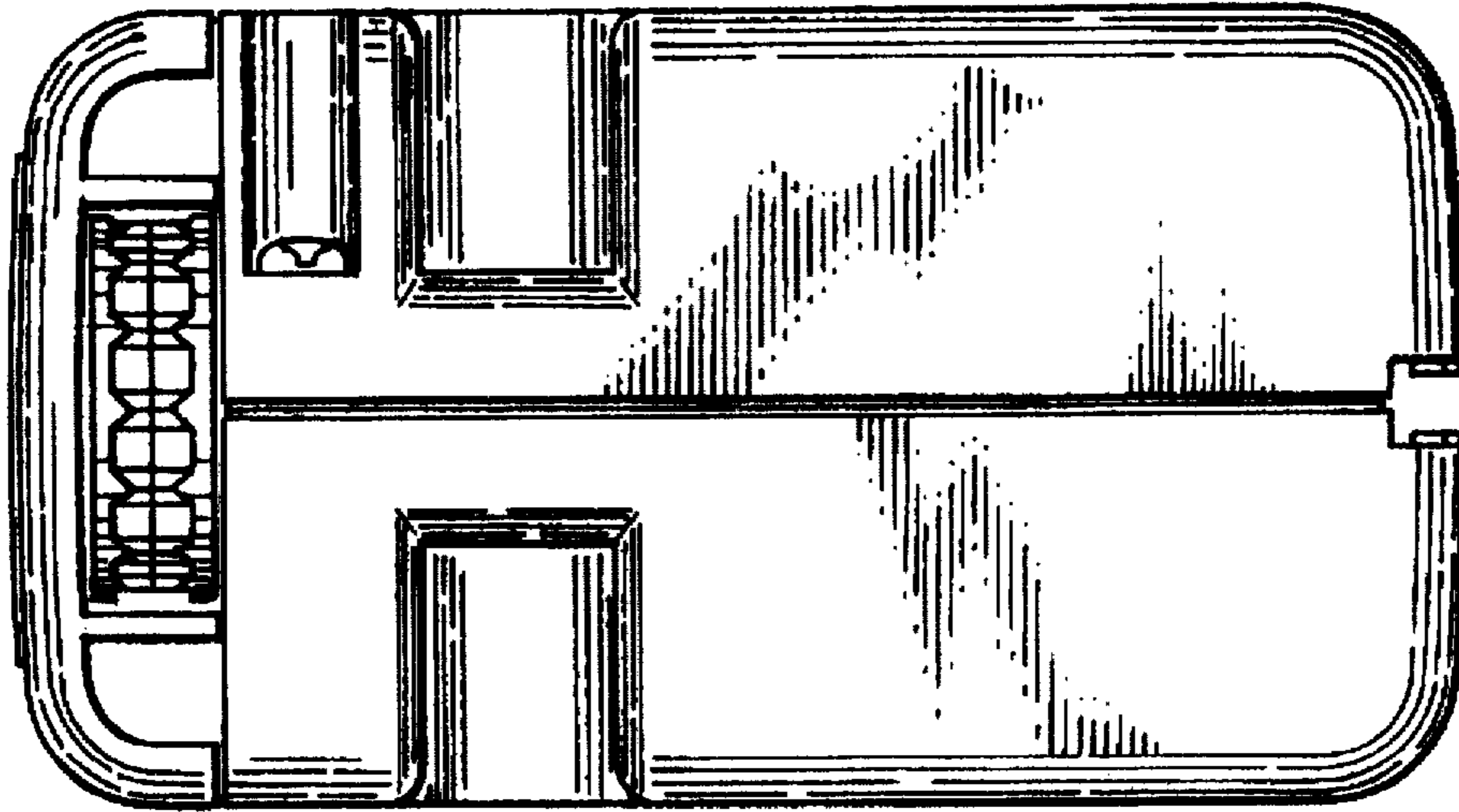


FIG. 7

