



US00D433059S

United States Patent [19]

Okumura et al.

[11] **Patent Number: Des. 433,059**

[45] **Date of Patent: ** Oct. 31, 2000**

[54] **ELECTRONIC CALCULATOR WITH SOLAR CELL**

D. 309,623 7/1990 Sawada et al. D18/7
D. 312,833 12/1990 Kobayashi D18/7
D. 314,396 2/1991 Hayashi D18/7

[75] Inventors: **Makiko Okumura; Tamiko Kuwahara**, both of Nara-ken, Japan

Primary Examiner—Caron D. Veynar
Attorney, Agent, or Firm—Nixon & Vanderhye

[73] Assignee: **Sharp Kabushiki Kaisha**, Osaka, Japan

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

[57] CLAIM

[21] Appl. No.: **29/113,686**

The ornamental design for a “electronic calculator with solar cell”, as shown and described.

[22] Filed: **Nov. 10, 1999**

DESCRIPTION

[30] Foreign Application Priority Data

May 10, 1999 [JP] Japan 11-12254

FIG. 1 is a top, front and right side perspective view of an electronic calculator with solar cell according to our design; FIG. 2 is a top plan view thereof; FIG. 3 is a front elevational view thereof; FIG. 4 is a rear elevational view thereof; FIG. 5 is a bottom plan view thereof; FIG. 6 is a right side elevational view thereof; and, FIG. 7 is a left side elevational view thereof.

[51] **LOC (7) Cl.** **18-01**

[52] **U.S. Cl.** **D18/7**

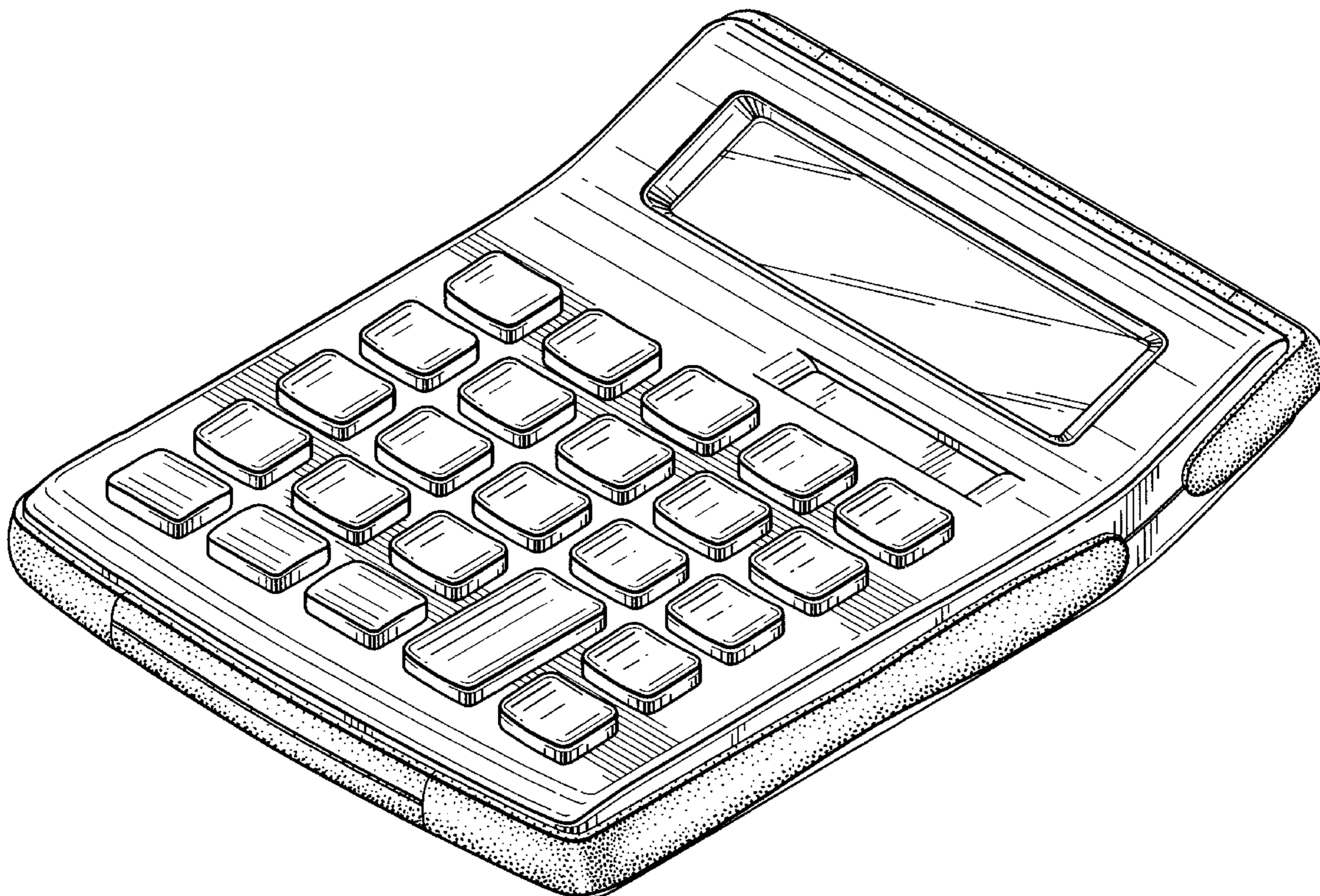
[58] **Field of Search** D18/2, 6, 7, 11, D18/12; 235/61 R; 364/706-710

[56] References Cited

U.S. PATENT DOCUMENTS

D. 257,976 1/1981 Schmidt D18/7 X

1 Claim, 4 Drawing Sheets



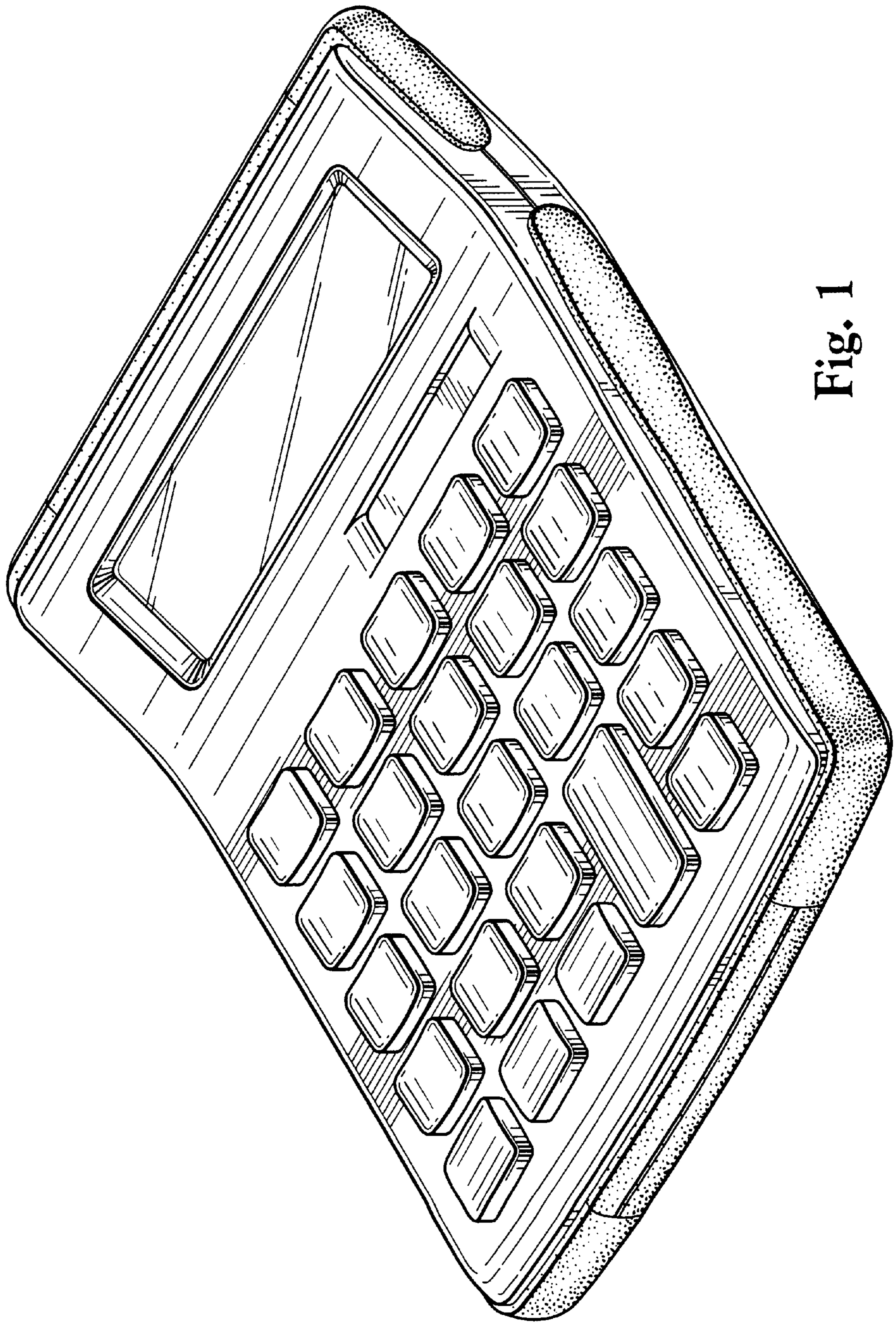


Fig. 1

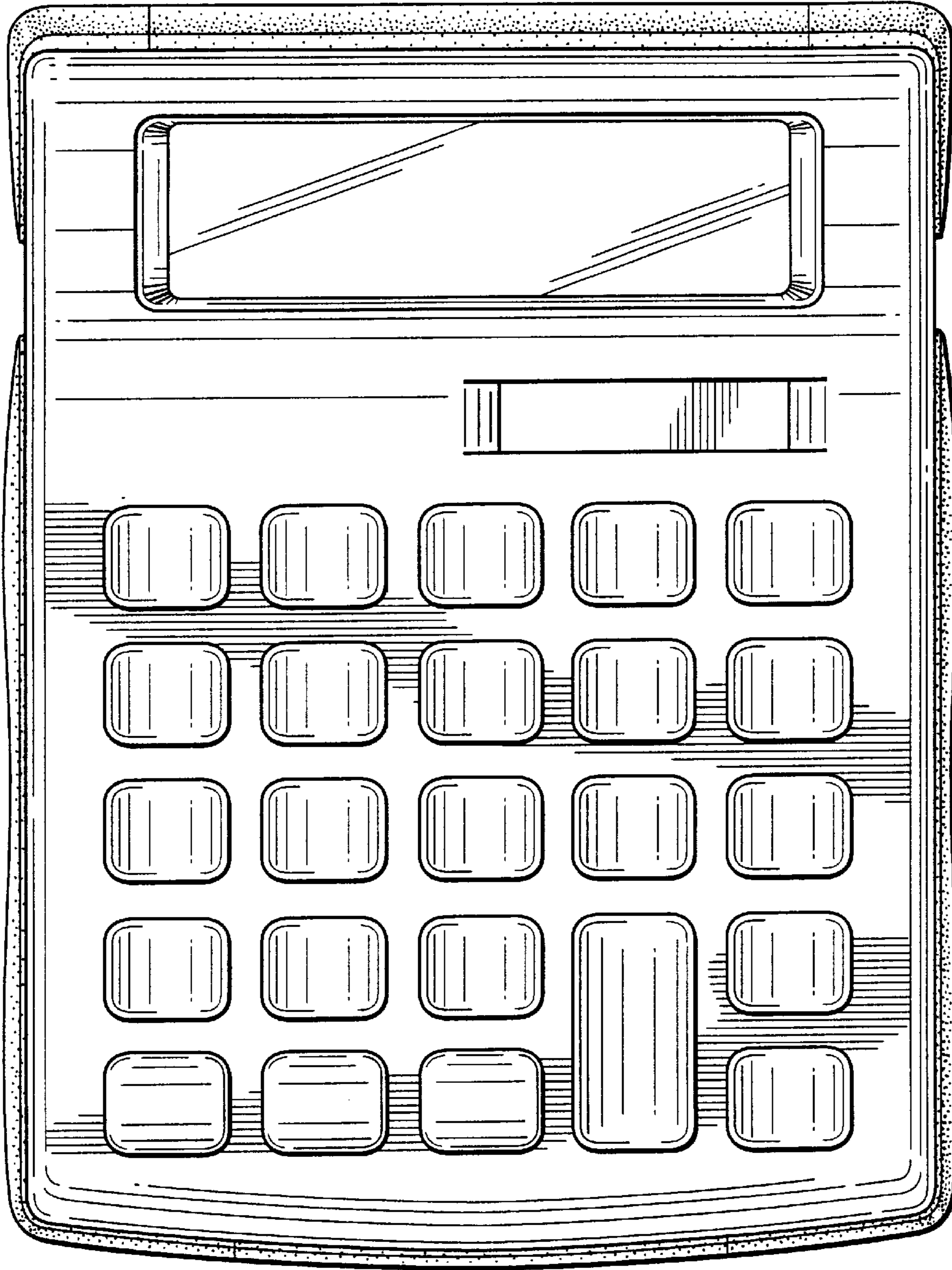


Fig.2

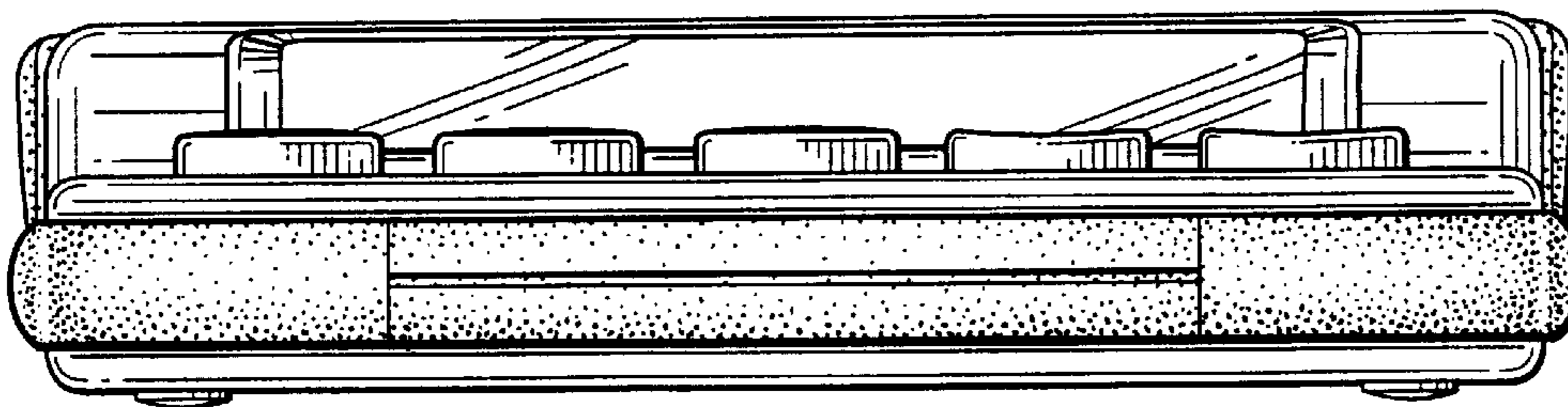


Fig.3

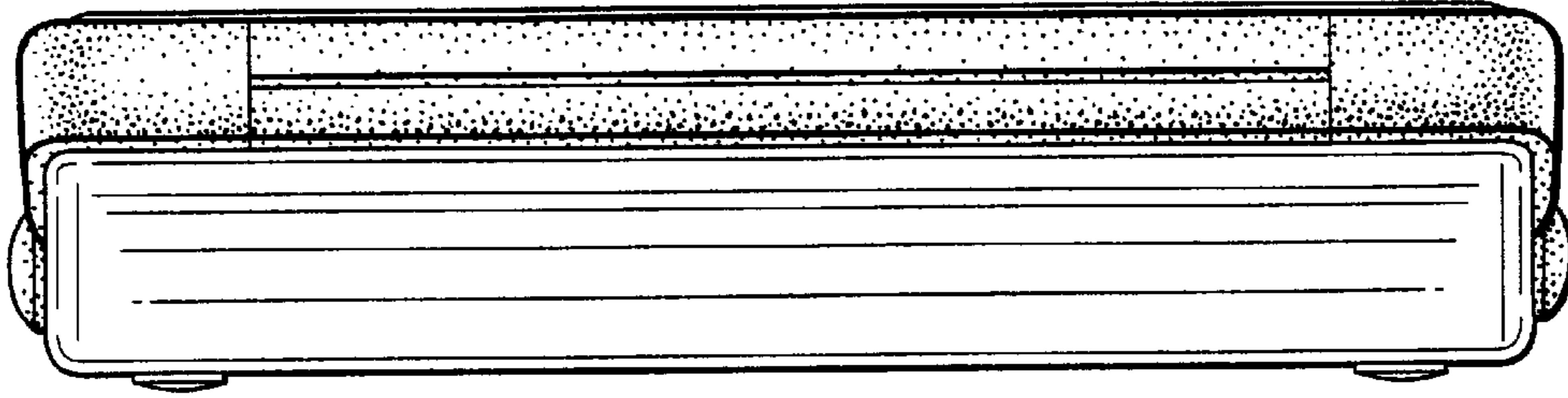


Fig.4

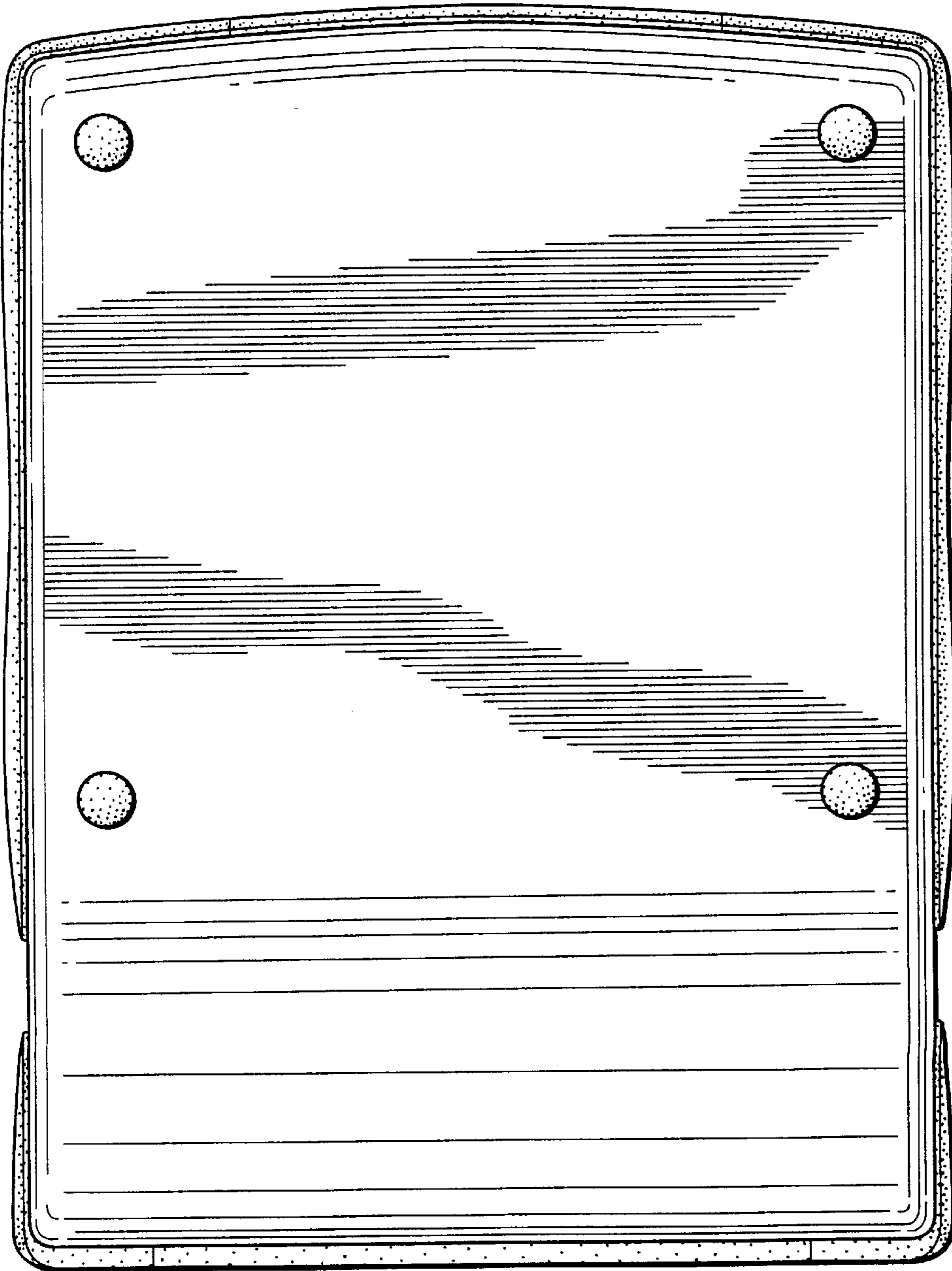


Fig.5

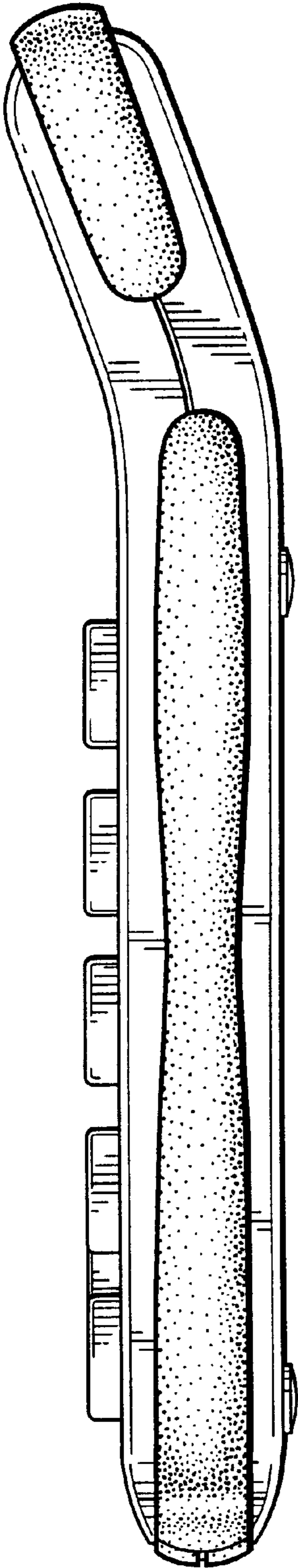


Fig. 6

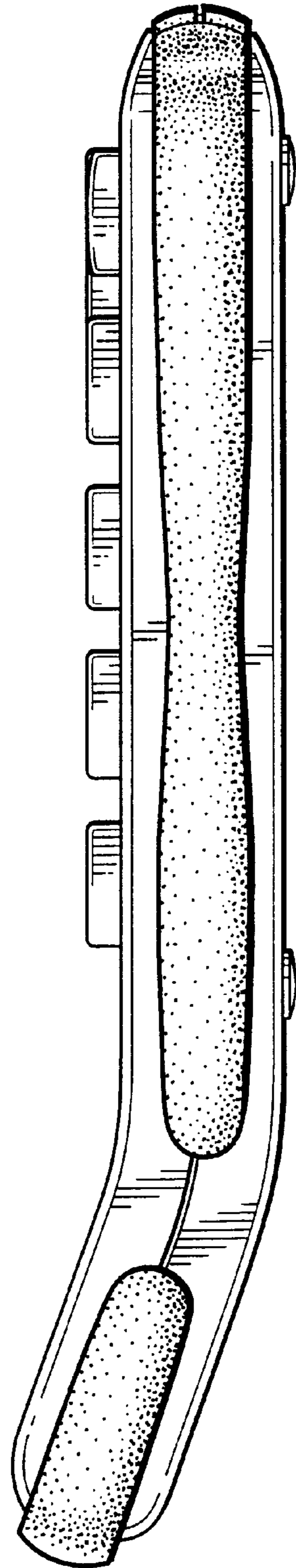


Fig. 7