



US00D419464S

United States Patent [19] Chang

[11] Patent Number: **Des. 419,464**

[45] Date of Patent: **** Jan. 25, 2000**

[54] **PORTABLE ELECTRICAL MULTIMETER**

5,243,275 9/1993 Nakazawa et al. 324/110

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Attorney, Agent, or Firm—Dougherty & Troxell

[73] Assignee: **APPA Technology Corp.**, Taipei Hsien, Taiwan

[57] **CLAIM**

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

The ornamental design for a portable electrical multimeter, as shown and described.

[21] Appl. No.: **29/099,402**

DESCRIPTION

[22] Filed: **Jan. 20, 1999**

[51] **LOC (7) Cl.** **10-04**

[52] **U.S. Cl.** **D10/78**

[58] **Field of Search** D10/78; 324/72.5,
324/110, 114, 115, 149, 151 A, 151 R,
156, 158 F

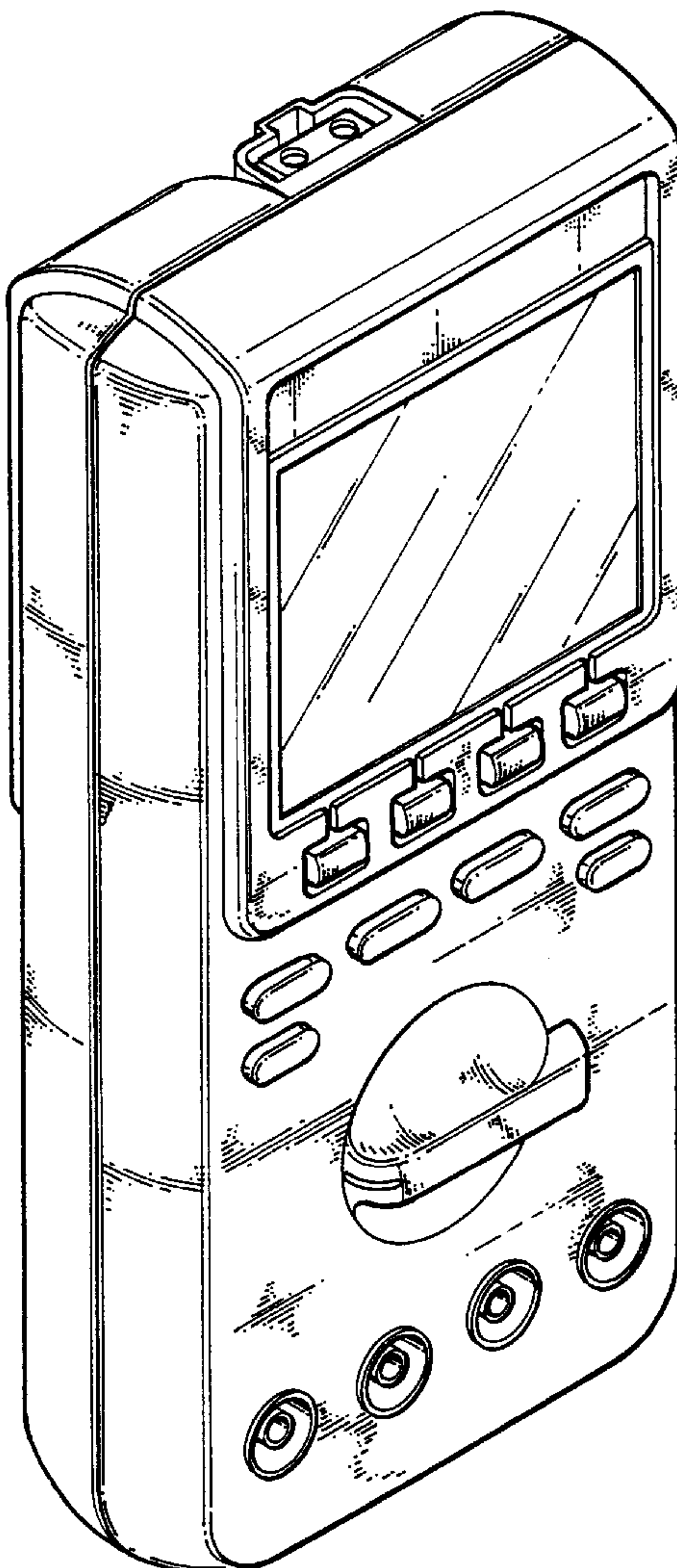
FIG. 1 is a perspective view of the portable electrical multimeter showing my new design;
FIG. 2 is a front view of the portable electrical multimeter;
FIG. 3 is a rear view of the portable electrical multimeter;
FIG. 4 is a left side view of the portable electrical multimeter;
FIG. 5 is a right side view of the portable electrical multimeter;
FIG. 6 is a top view of the portable electrical multimeter;
and,
FIG. 7 is a bottom view of the portable electrical multimeter.

[56] **References Cited**

U.S. PATENT DOCUMENTS

- D. 369,306 4/1996 Fisher D10/78
- D. 404,665 1/1999 Wisley et al. D10/78
- D. 410,204 5/1999 Hendiks D10/78

1 Claim, 6 Drawing Sheets



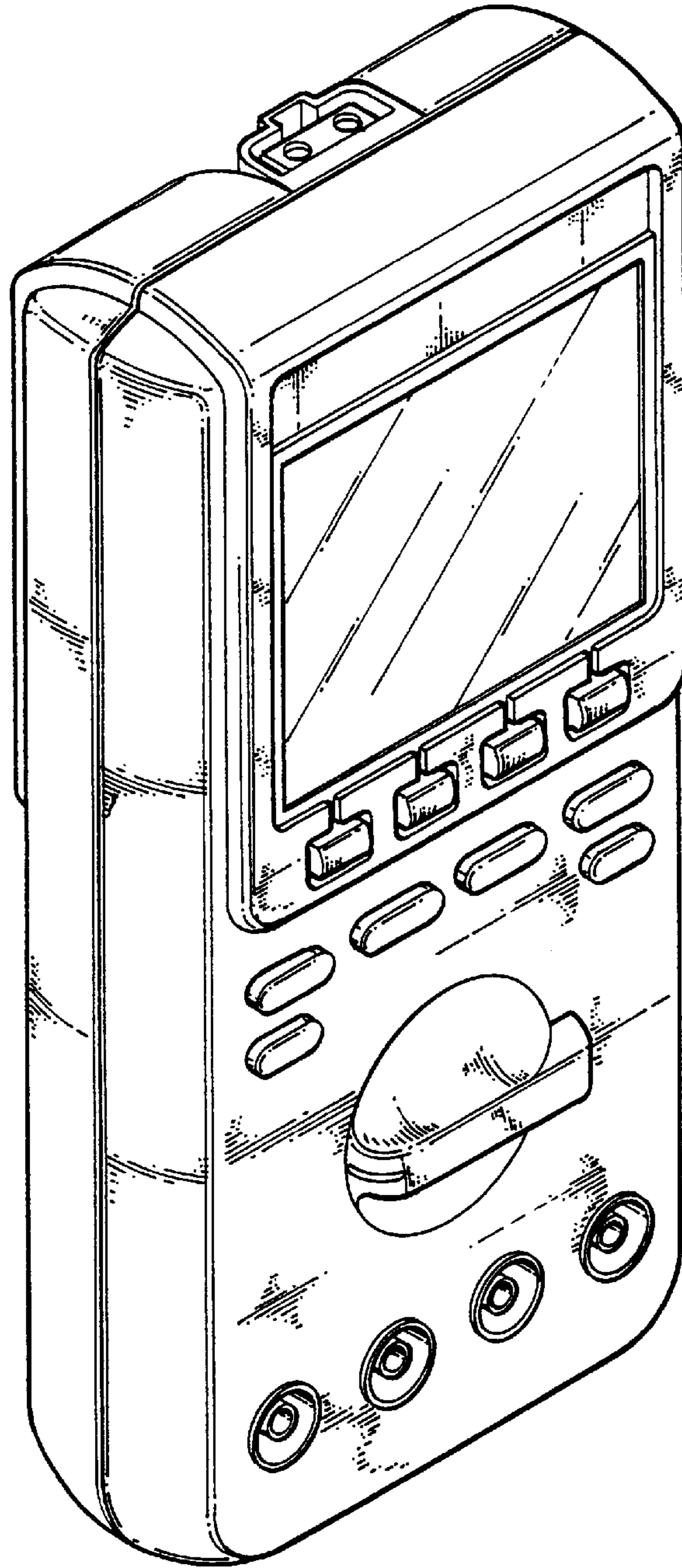


FIG. 1

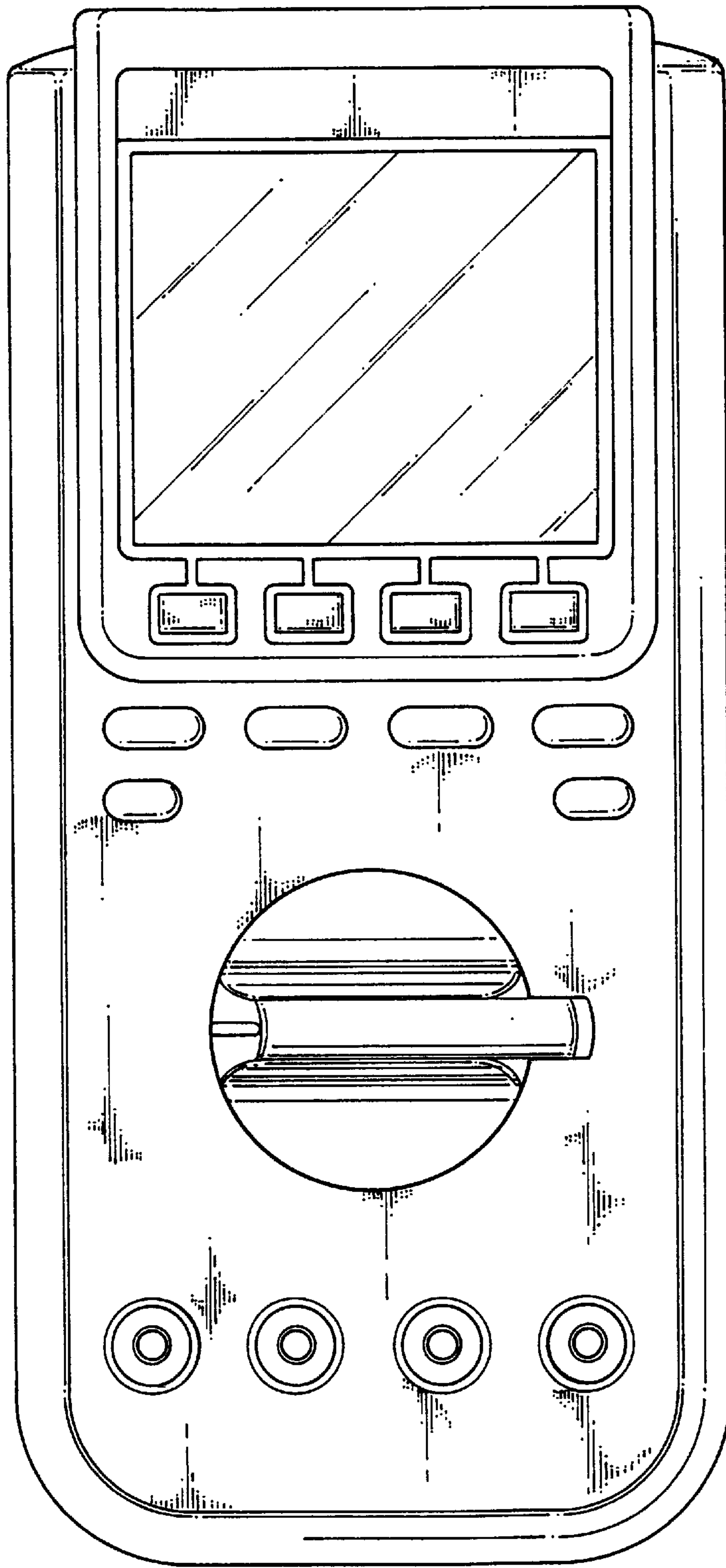


FIG.2

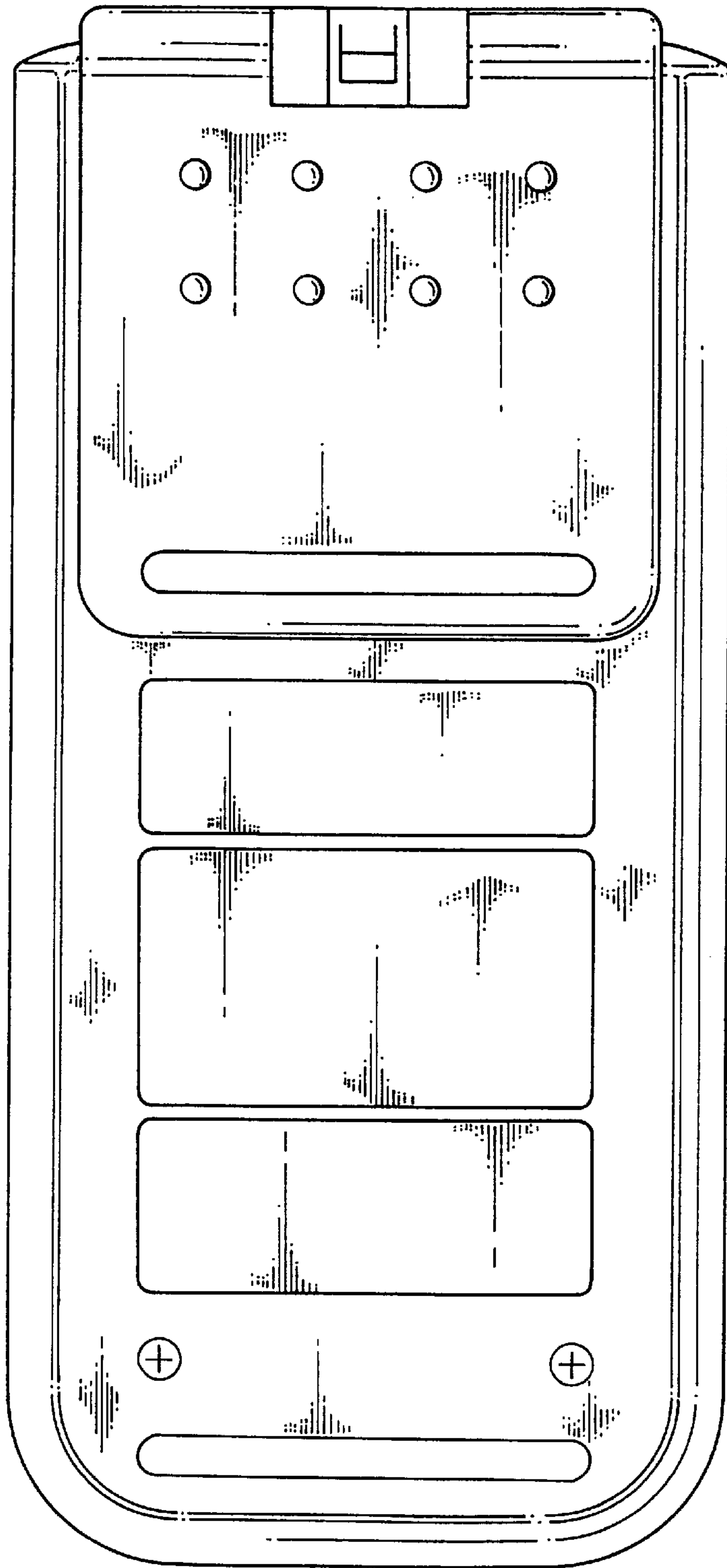


FIG. 3

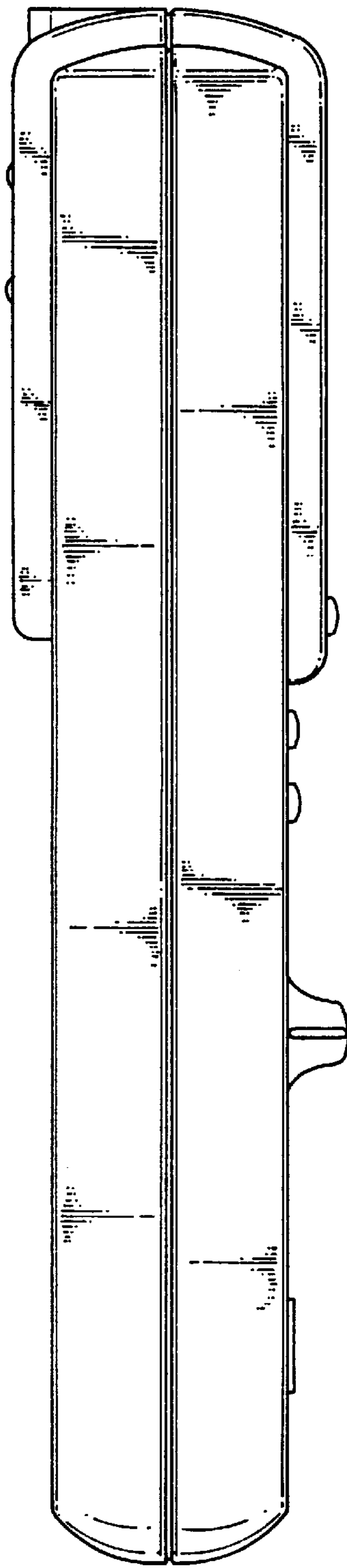


FIG.4

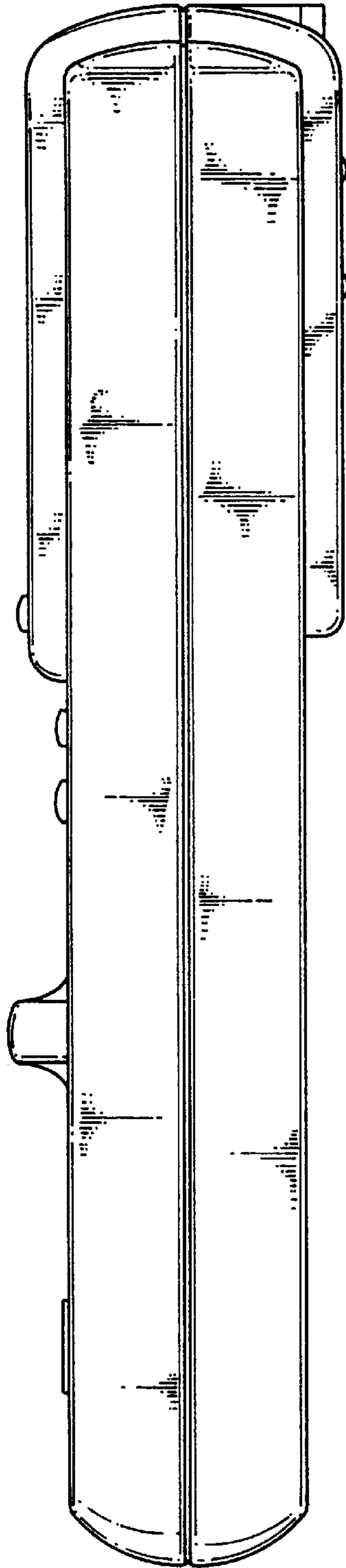


FIG.5

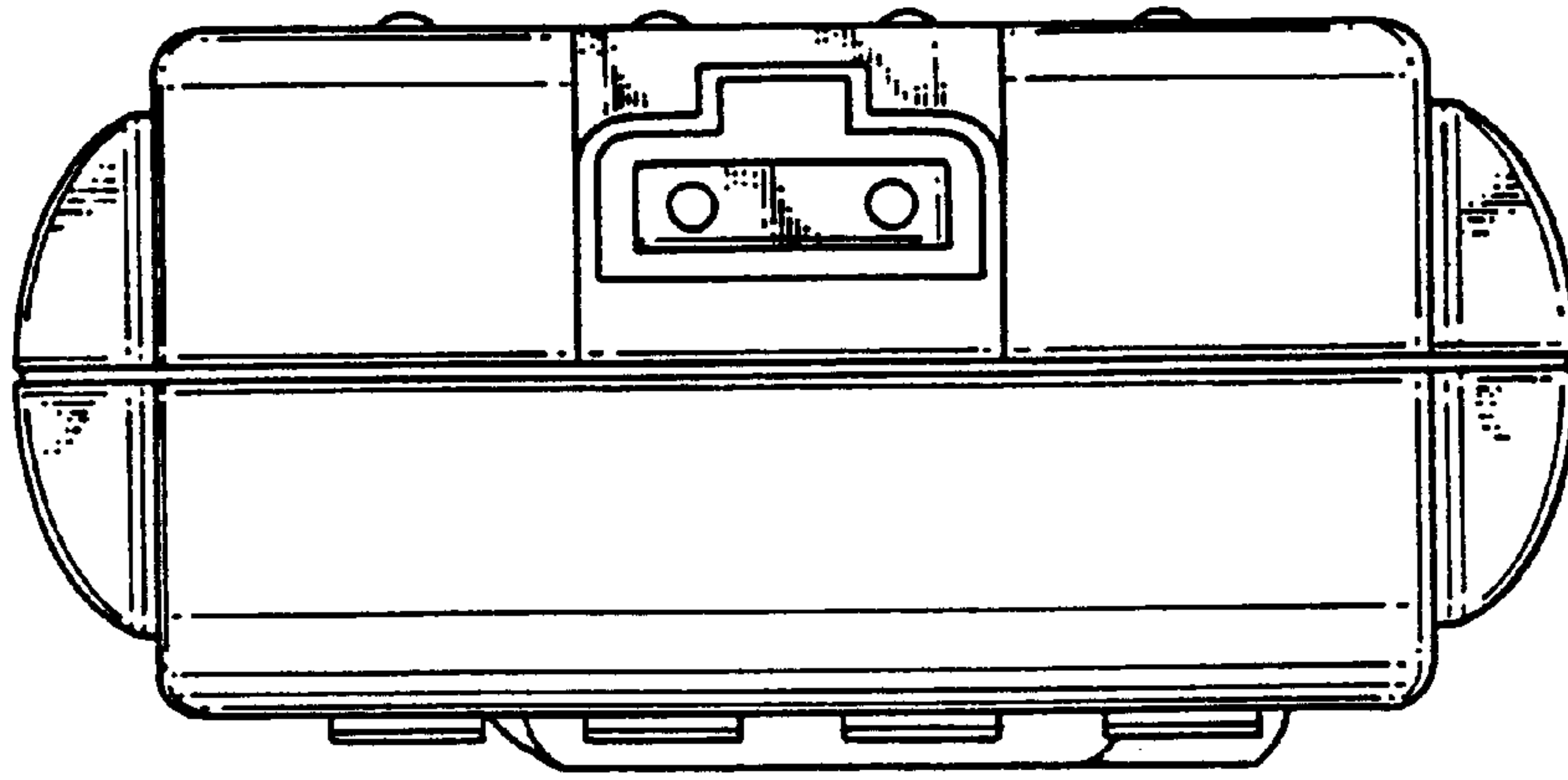


FIG. 6

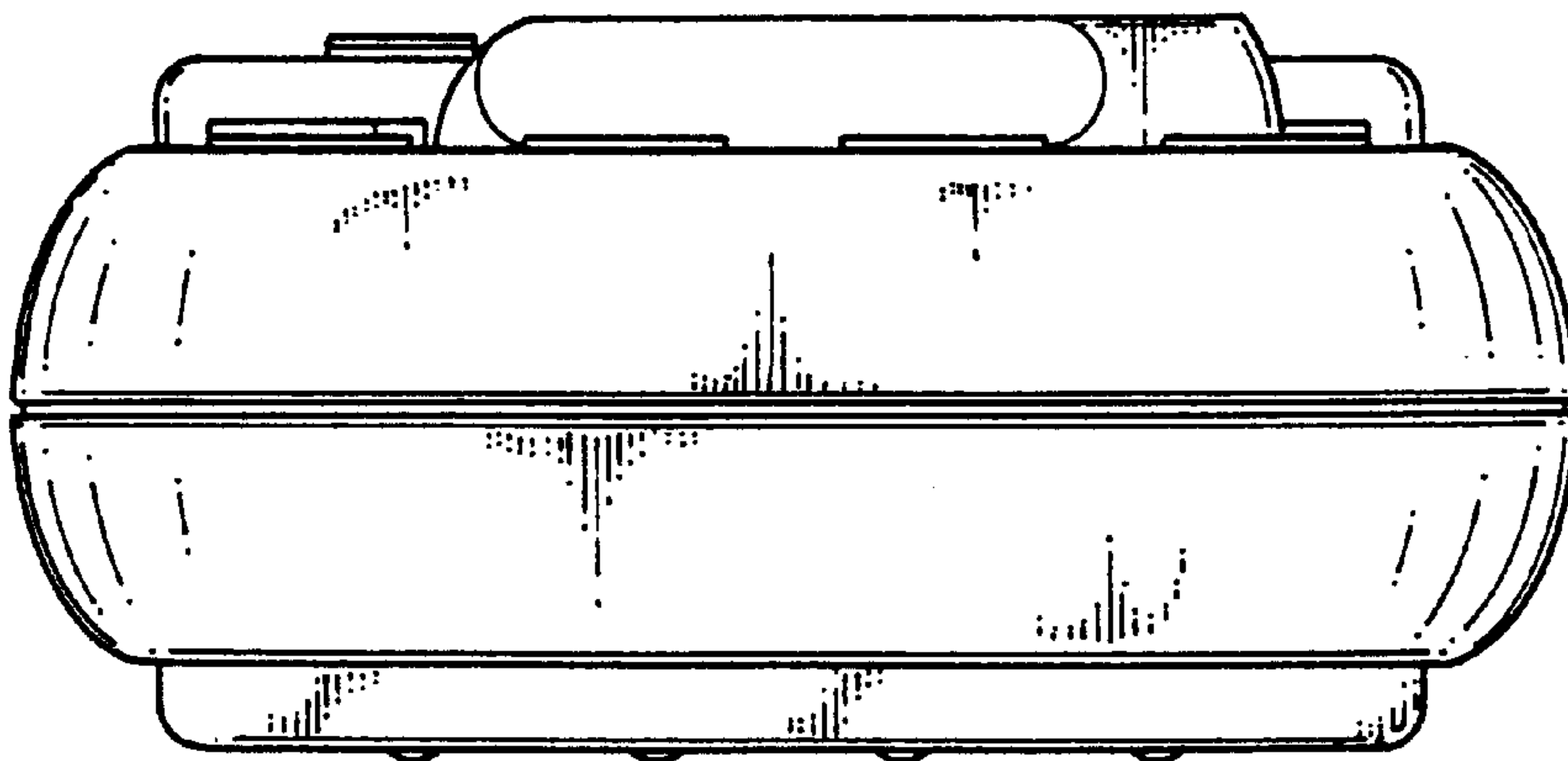


FIG. 7