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# United States Patent [19]

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Shimoo et al.

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## [54] BATTERY CHARGER

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[73] Assignee: **Sanyo Electric Co., Ltd., Osaka, Japan**

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

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### [30] Foreign Application Priority Data

Oct. 19, 1990 [JP] Japan ..... 2-35220

[52] U.S. Cl. .... **D13/107**

[58] Field of Search ..... **D13/107, 108; D14/240; 320/2, 3, 4, 5**

### [56] References Cited

#### U.S. PATENT DOCUMENTS

- D. 247,619 3/1978 Edgell et al. .... D13/107 X
- D. 328,276 7/1992 Koinuma ..... D13/107
- 5,019,767 5/1991 Shirai et al. .... 320/2

## OTHER PUBLICATIONS

Battery chargers on p. 428 of B.A. Pargh 1989 Catalog. Battery chargers on p. 199 of Hong Hong Enterprise Feb. 1990.

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## [57] CLAIM

The ornamental design for a battery charger, as shown and described.

## DESCRIPTION

FIG. 1 is a front and upper right perspective view of a battery charger showing our new design; FIG. 2 is a top plan view thereof; FIG. 3 is a bottom plan view thereof; FIG. 4 is a left side elevational view thereof; FIG. 5 is a right side elevational view thereof; FIG. 6 is a front elevational view thereof; FIG. 7 is a rear elevational view thereof; and, FIG. 8 is a rear elevational view thereof with the plug extended.

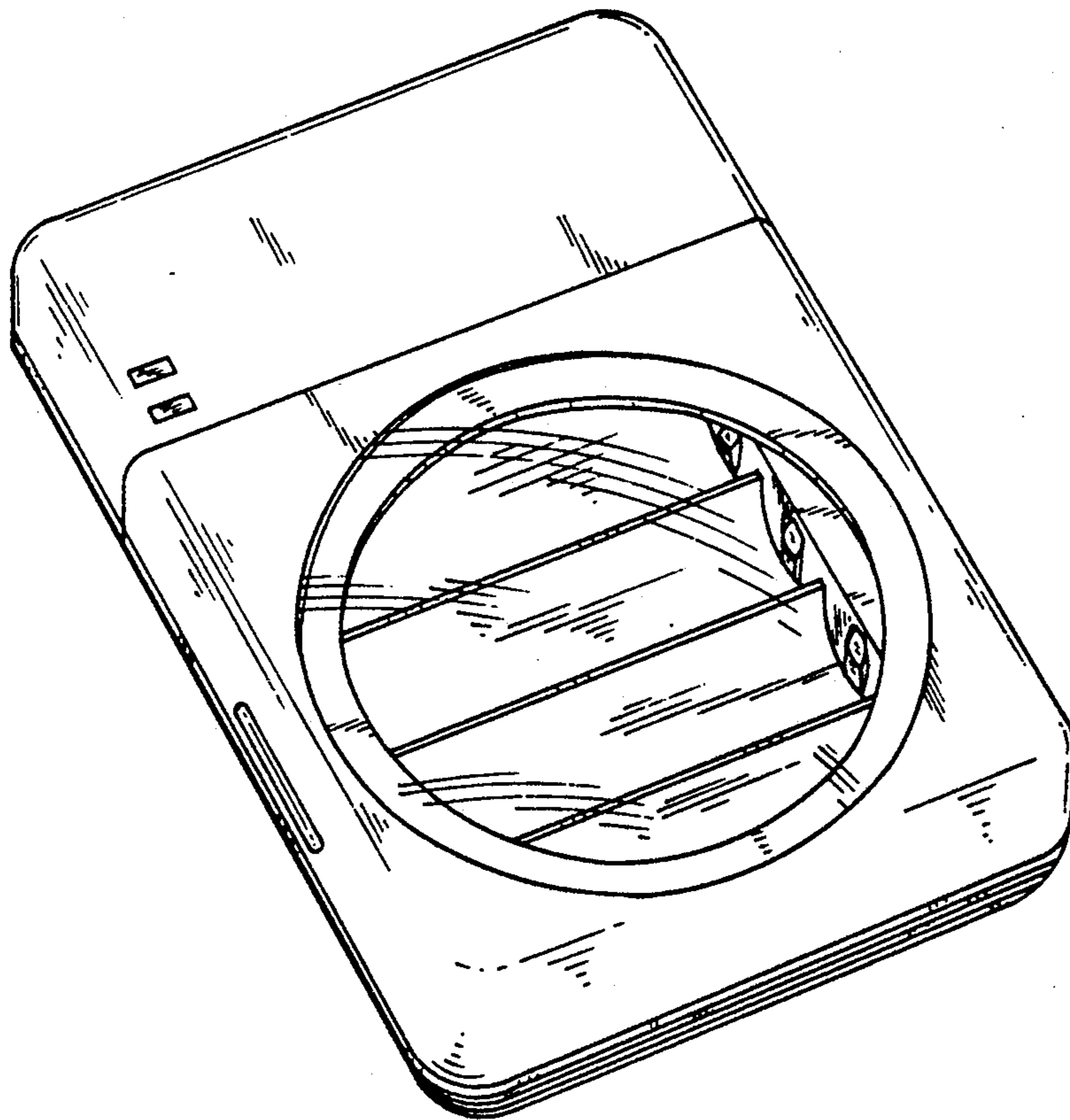


FIG. 1

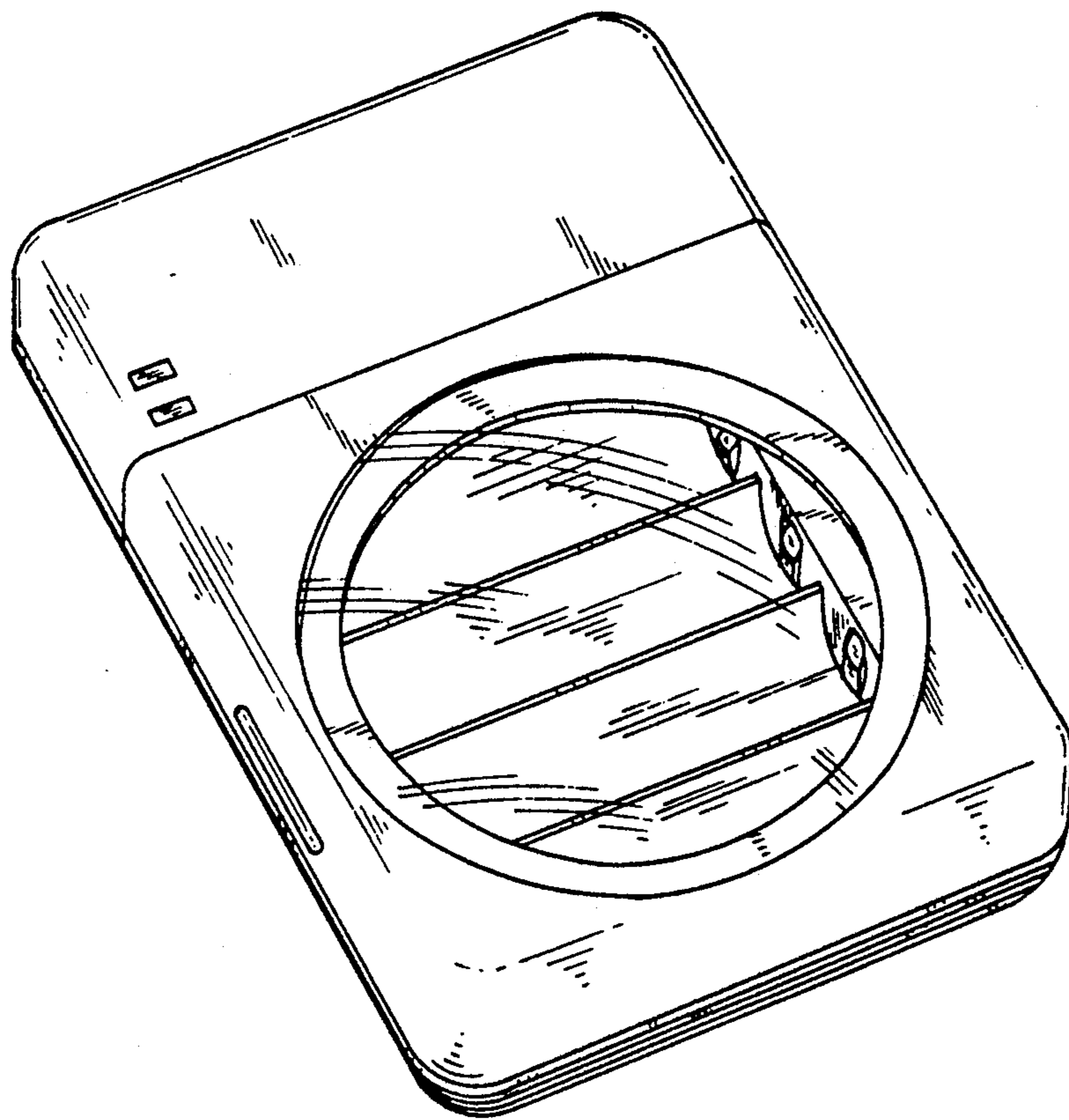


FIG. 3

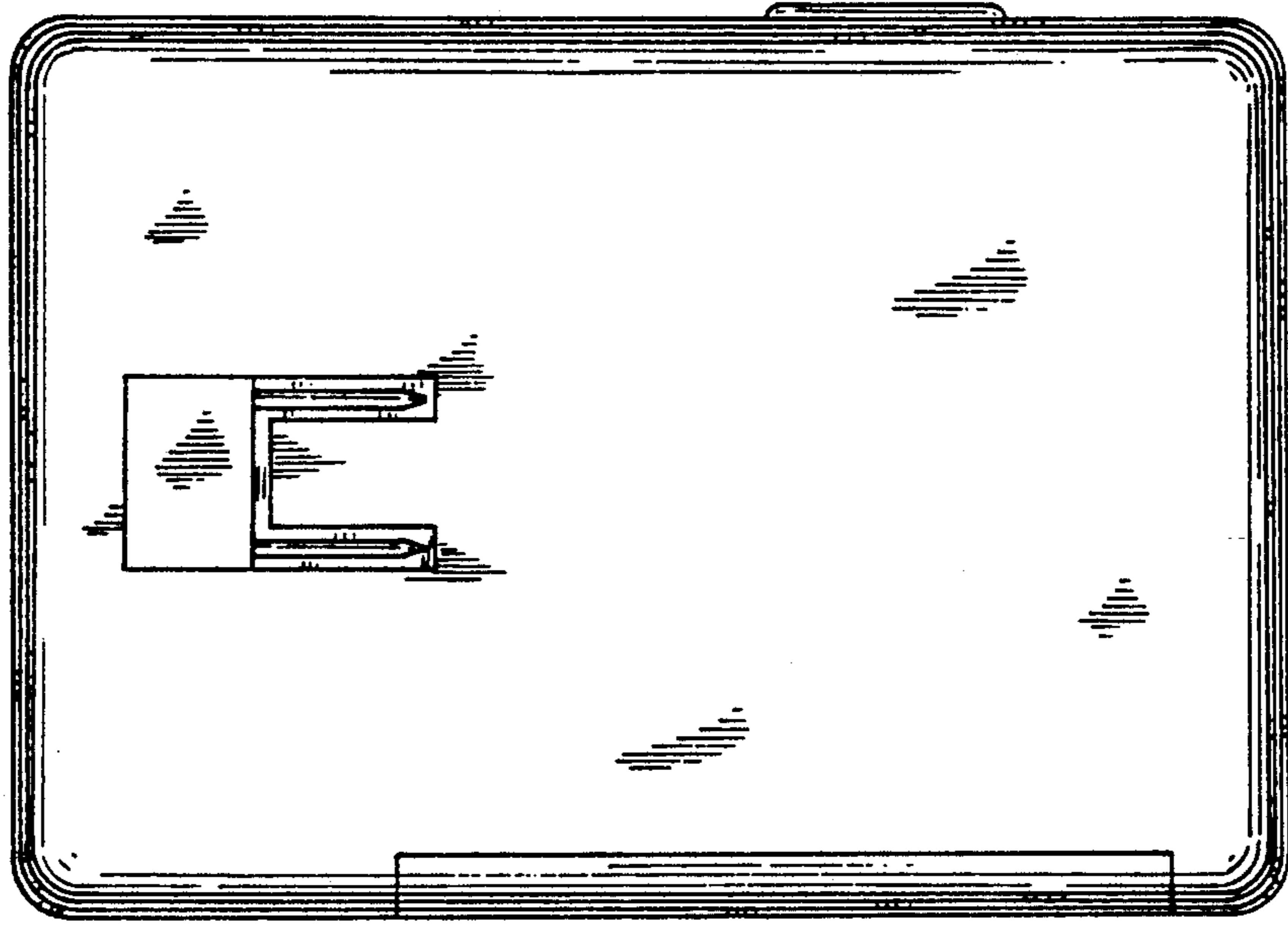


FIG. 2

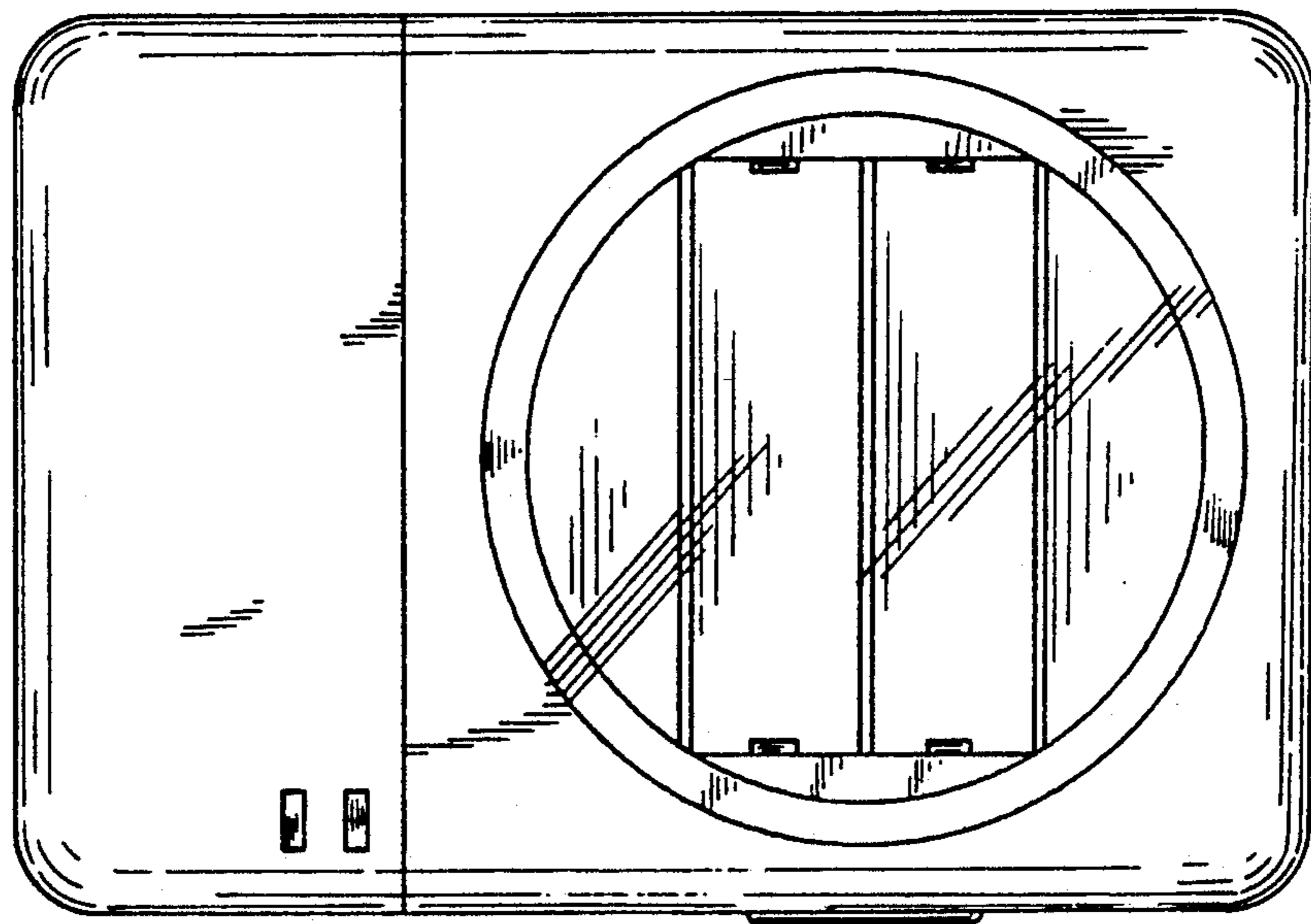


FIG. 6

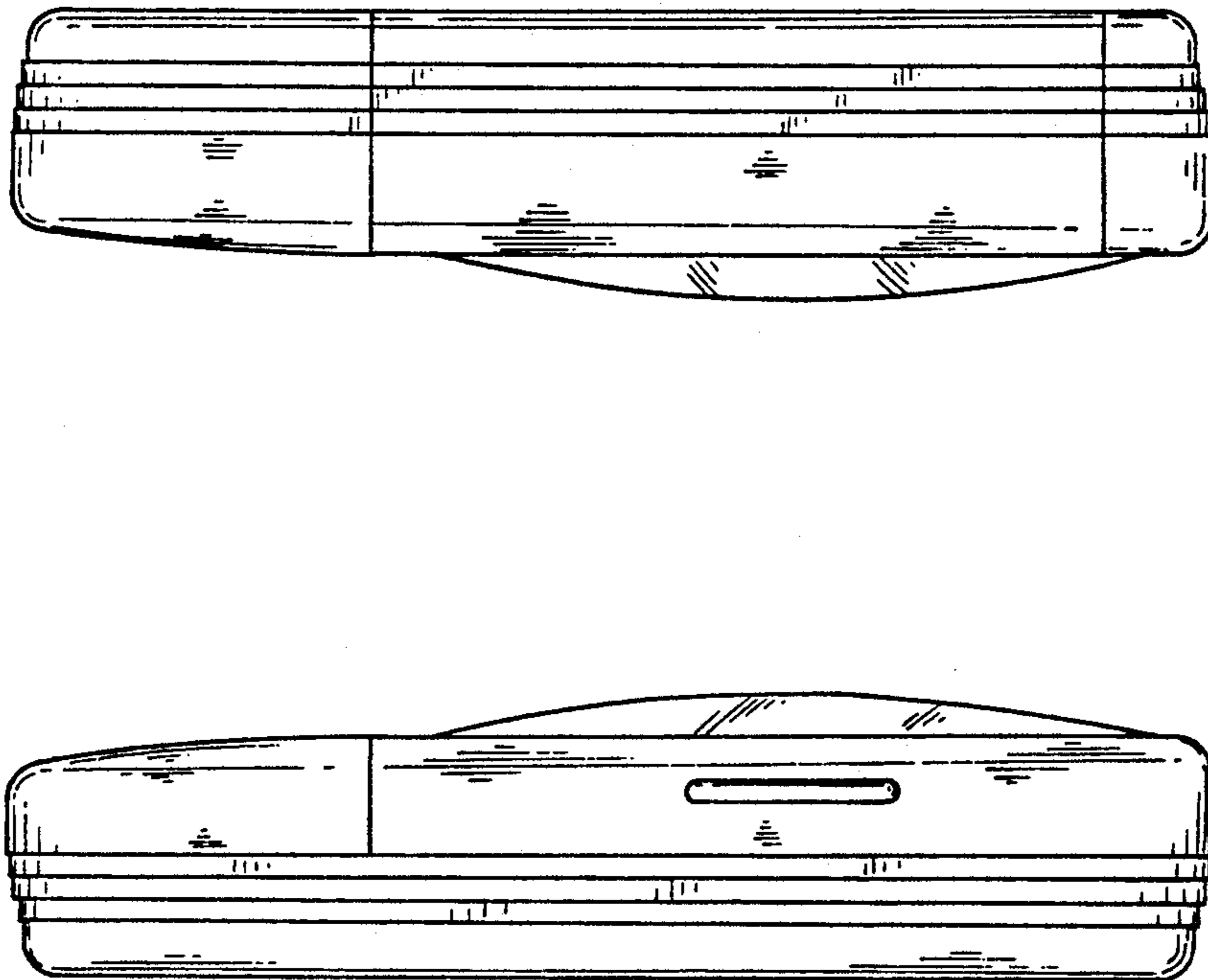


FIG. 4

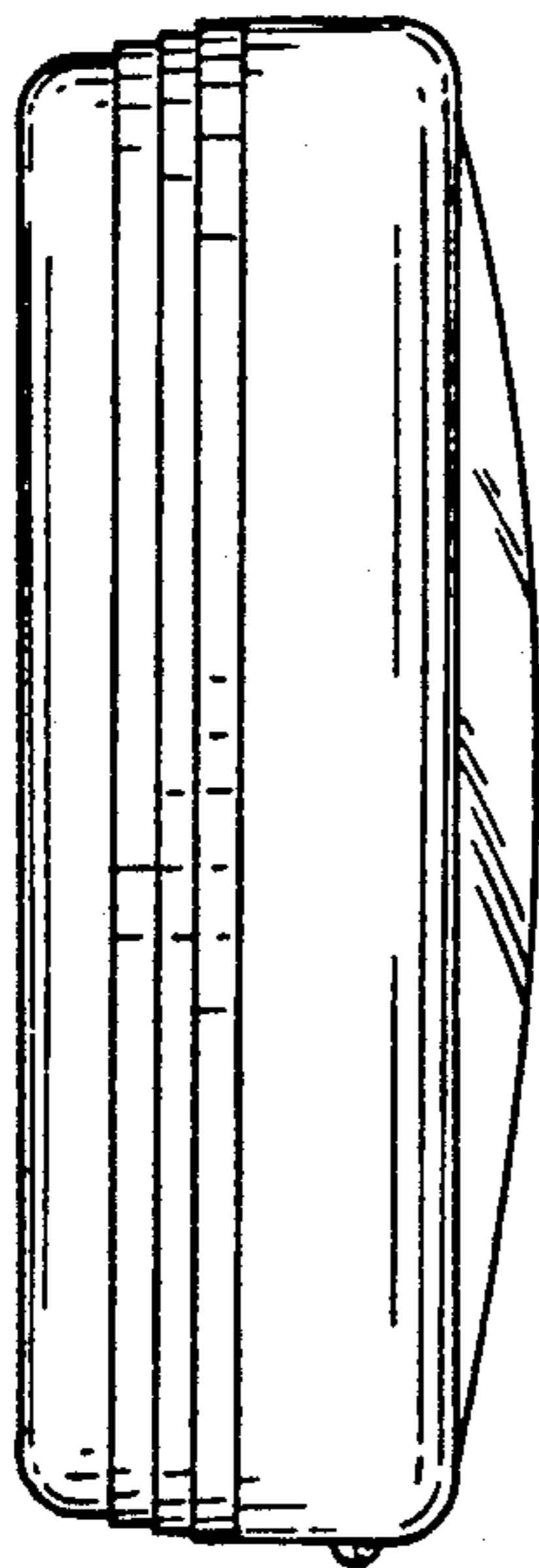


FIG. 5

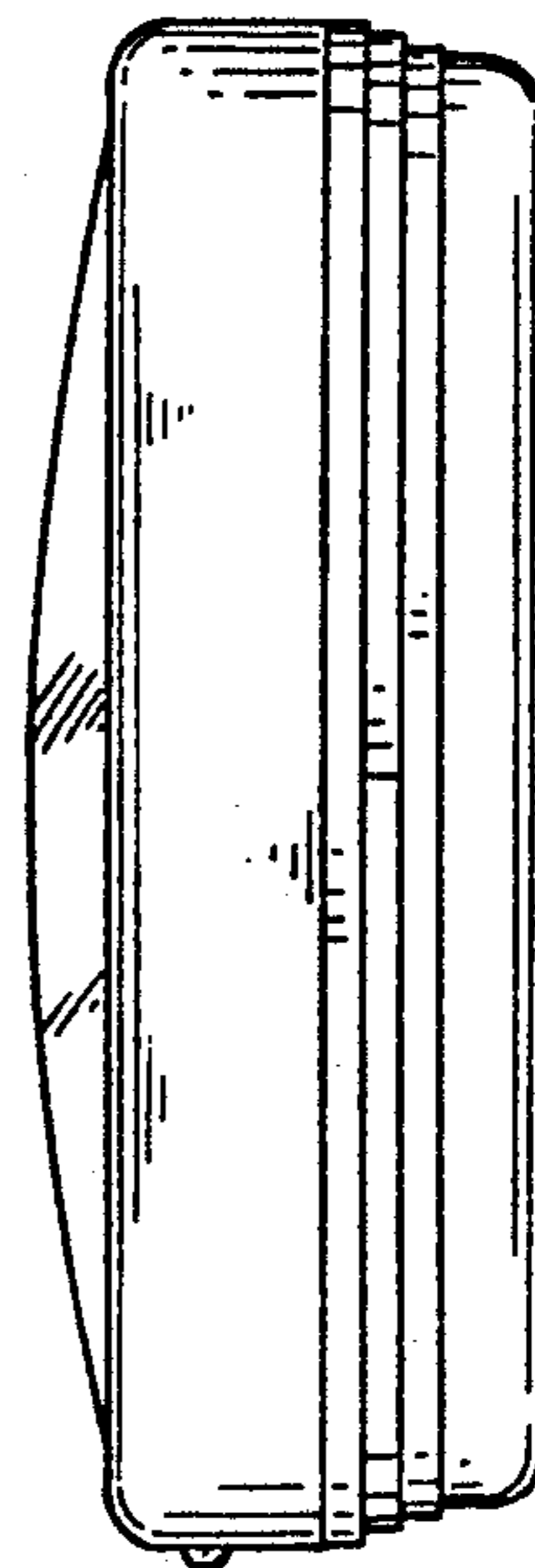


FIG. 8

