



US00D328303S

United States Patent [19]

[11] Patent Number: **Des. 328,303**

Griffith et al.

[45] Date of Patent: **** Jul. 28, 1992**

[54] **PRE-START LUBRICATION SYSTEM FOR AUTOMOTIVE TURBOCHARGER**

4,779,413	10/1988	Mouton	184/6.3
4,798,523	1/1989	Glaser et al.	184/6.3
4,872,311	10/1989	Sturm	60/624

[75] Inventors: **Frederick L. Griffith, Hampton; Mario A. Turchi, Hoboken; Keff I. Dank, Tenafly, all of N.J.**

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Attorney, Agent, or Firm—Samuelson & Jacob

[73] Assignee: **Boda Industries, Inc., South Hackensack, N.J.**

[57] **CLAIM**

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

The ornamental design for a pre-start lubrication system for automotive turbocharger, as shown and described.

[21] Appl. No.: **635,324**

DESCRIPTION

[22] Filed: **Dec. 28, 1990**

[52] U.S. Cl. **D15/5; D15/9.1**

[58] Field of Search **D15/1, 5-9.2, D15/150; 60/698, 643, 624, 625, 597, 598, 599; 417/405; 184/6.3; D23/209**

FIG. 1 is a front elevational view of a pre-start lubrication system for automotive turbocharger showing our new design;

FIG. 2 is a side elevational view thereof, the opposite side being a mirror image;

FIG. 3 is a top plan view thereof;

FIG. 4 is a rear elevational view thereof;

FIG. 5 is a bottom plan view thereof;

FIG. 6 is a front elevational view of a pre-start lubrication system for automotive turbocharger showing a second embodiment of our new design;

FIG. 7 is a side elevational view of FIG. 6, the opposite side being a mirror image;

FIG. 8 is a top plan view of FIG. 6;

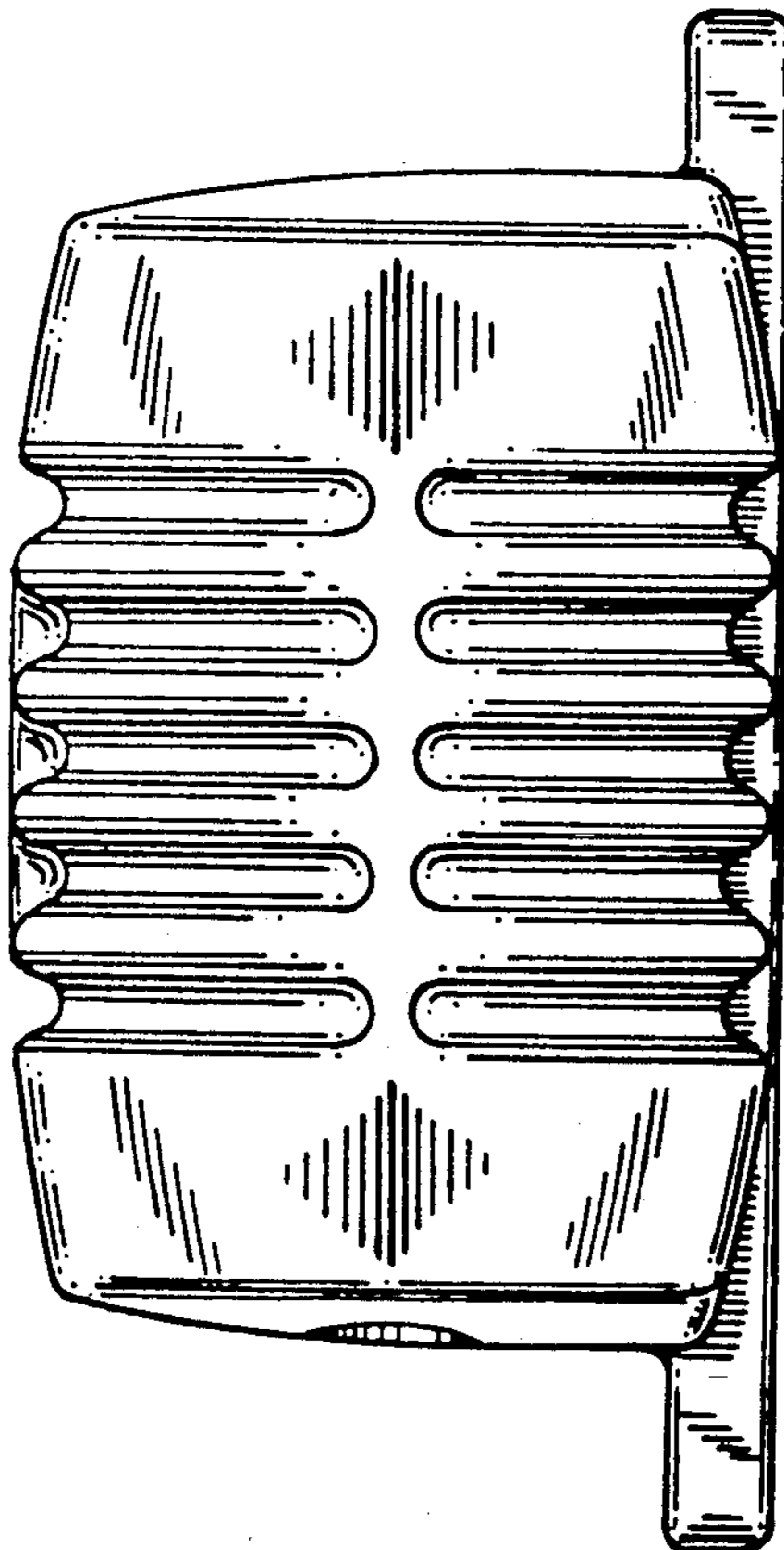
FIG. 9 is a rear elevational view of FIG. 6; and,

FIG. 10 is a bottom plan view of FIG. 6.

[56] **References Cited**

U.S. PATENT DOCUMENTS

D. 287,731	1/1987	Muck	D15/1
D. 292,978	12/1987	Hansen et al.	D15/7
D. 307,913	5/1990	Ogasawara et al.	D15/150
4,058,981	11/1977	Henson	184/6.3
4,126,997	11/1978	Henson	184/6.3
4,292,011	9/1981	Erickson	417/405
4,513,705	4/1985	Evans	184/6.3
4,614,086	9/1986	Koch	60/624



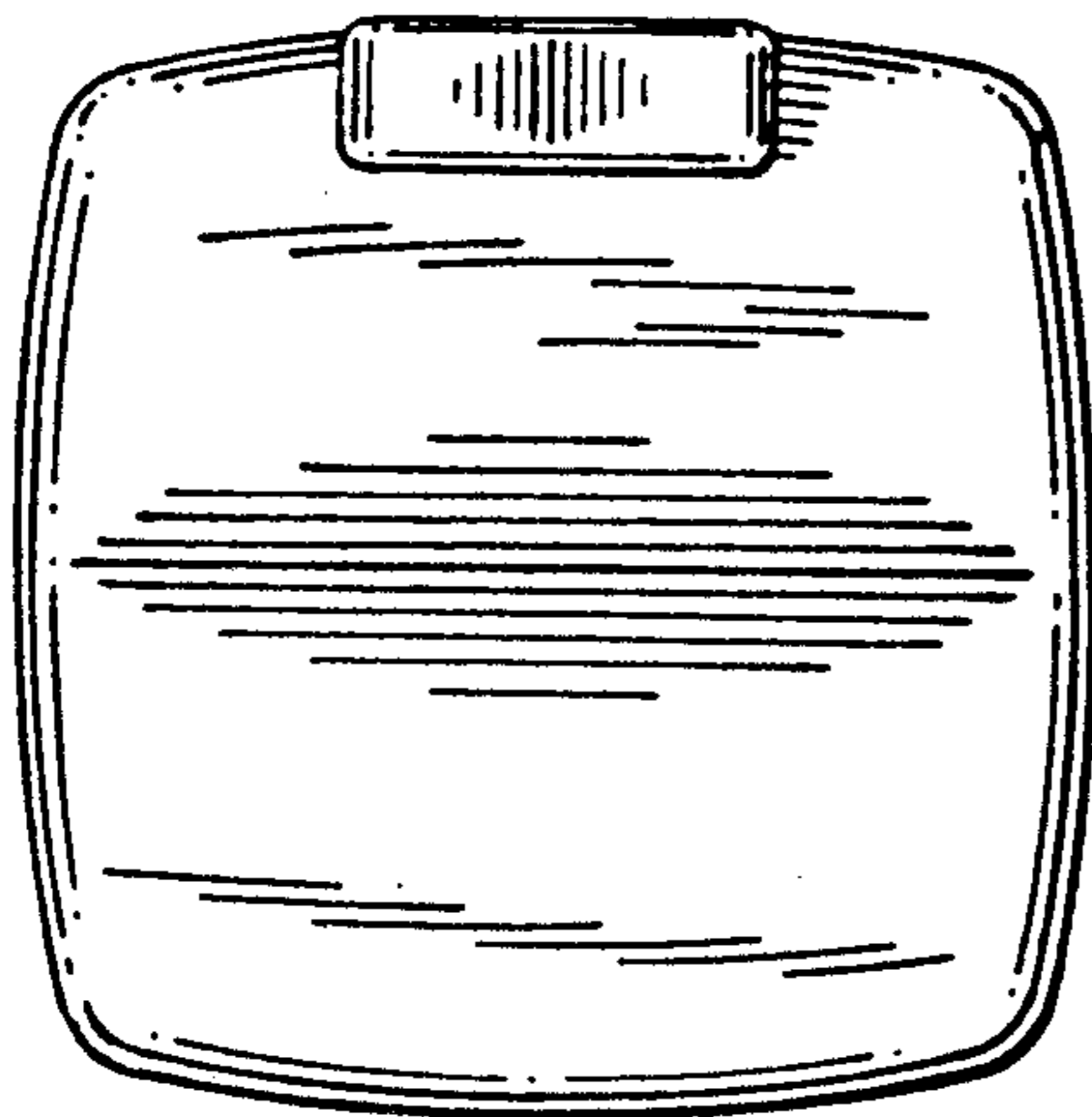


FIG. 3

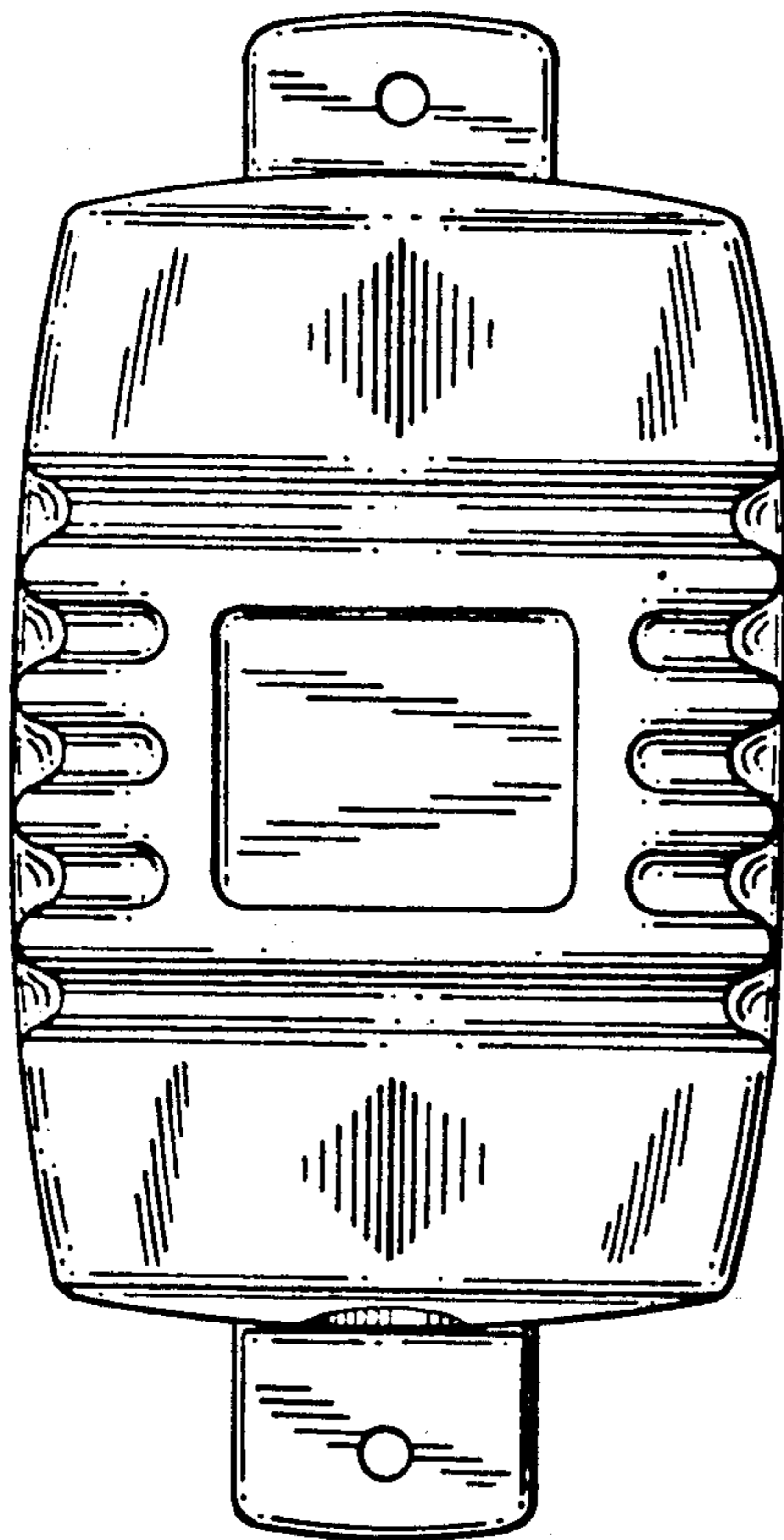


FIG. 1

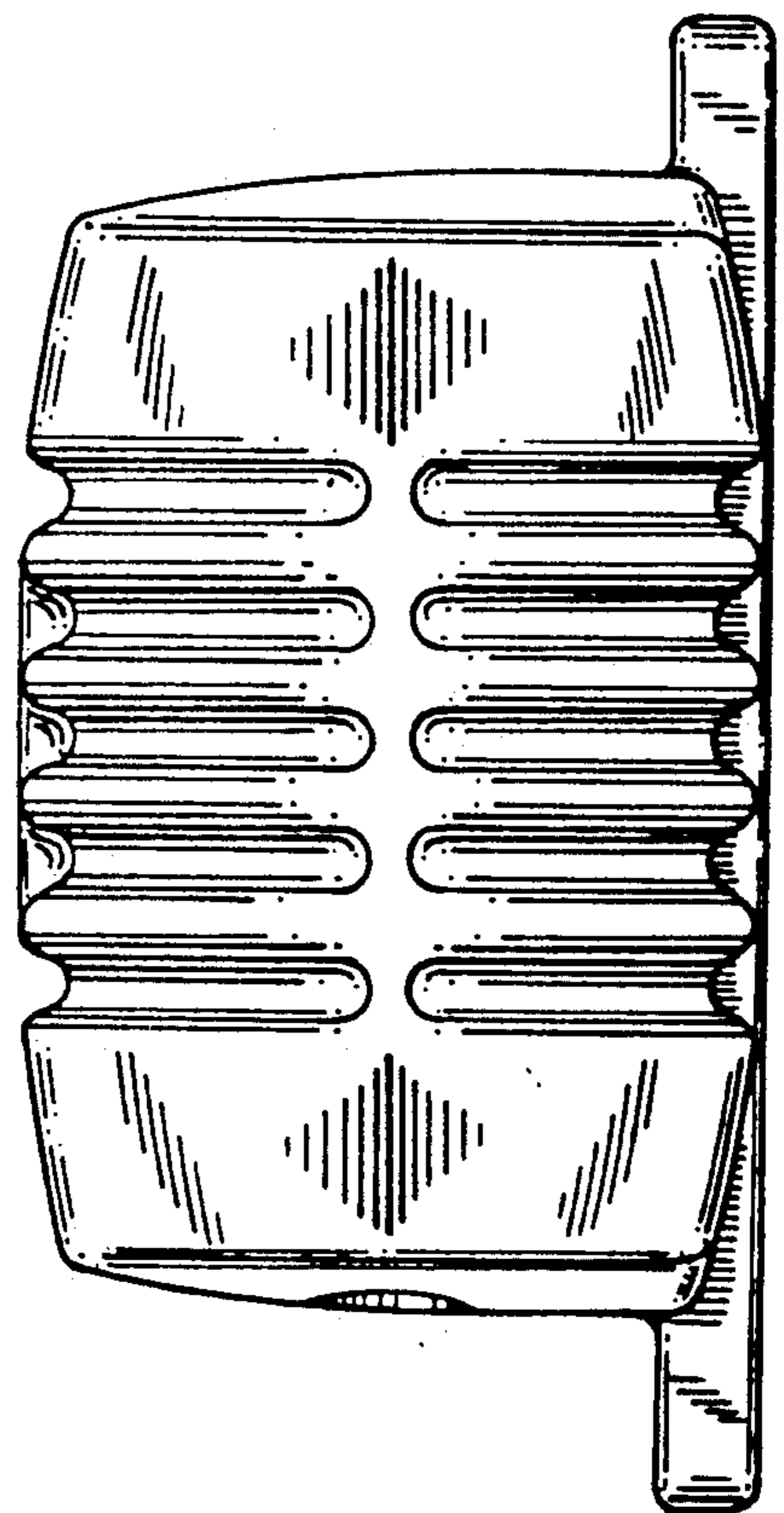


FIG. 2

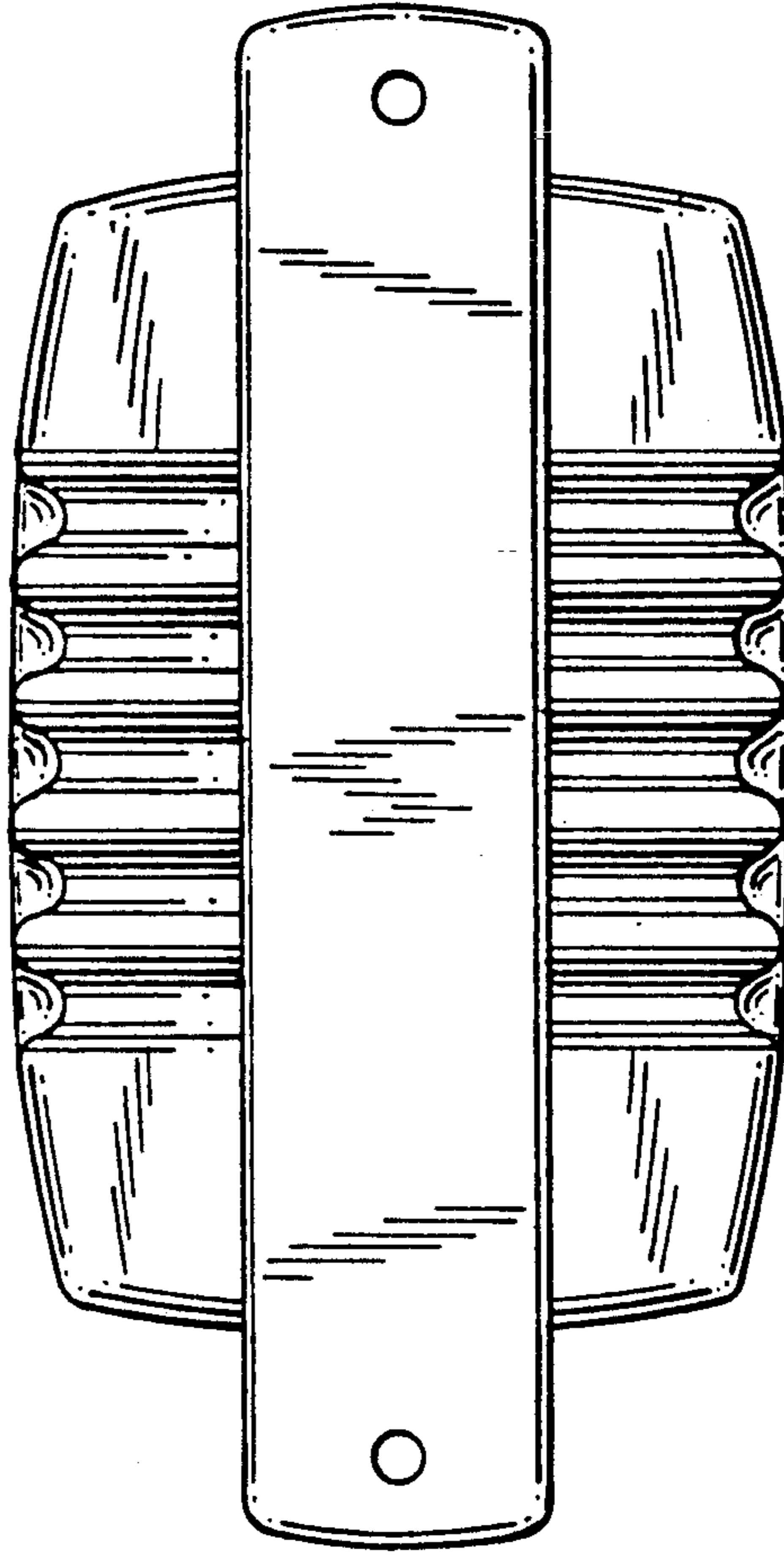


FIG. 4

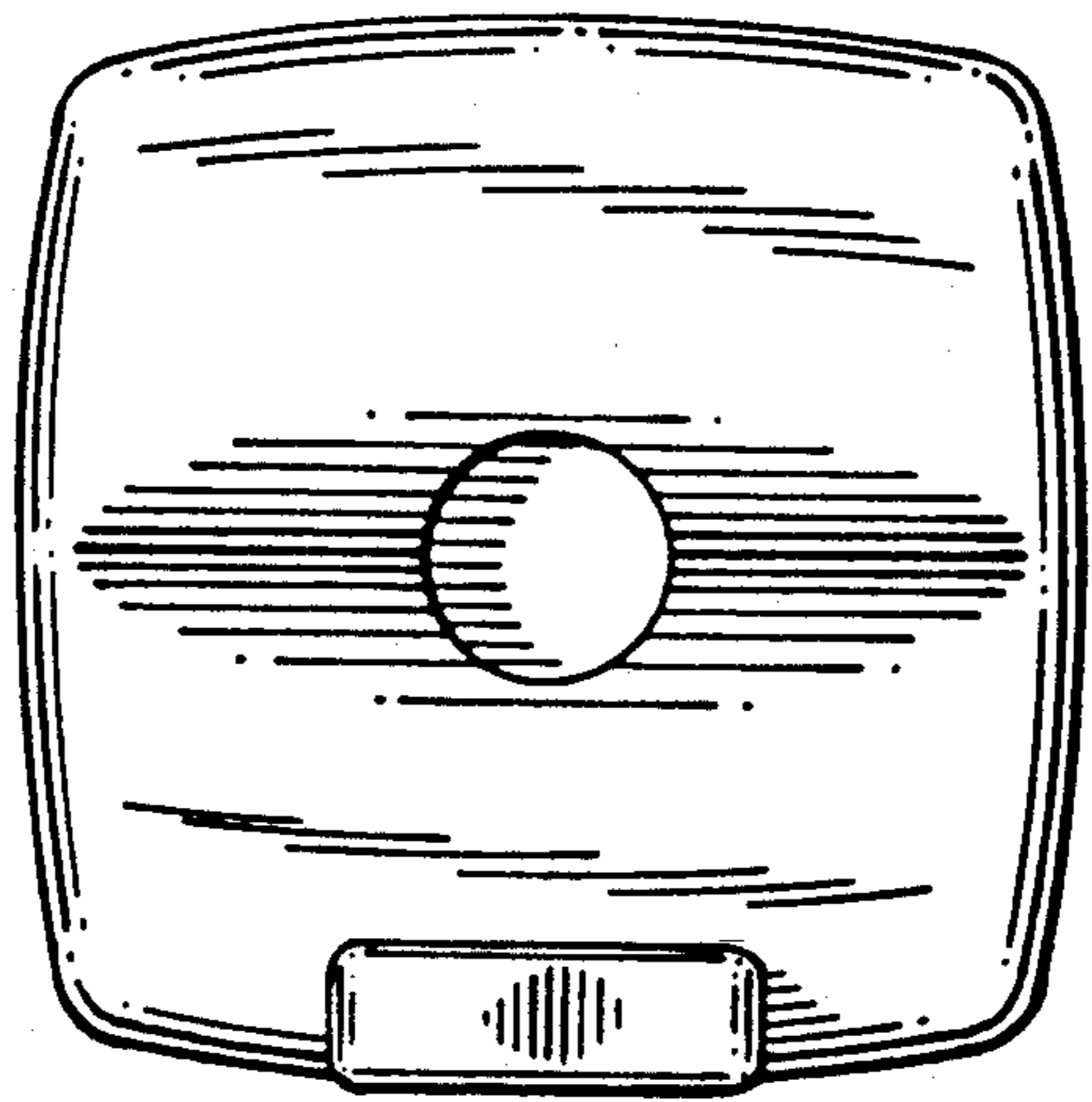


FIG. 5

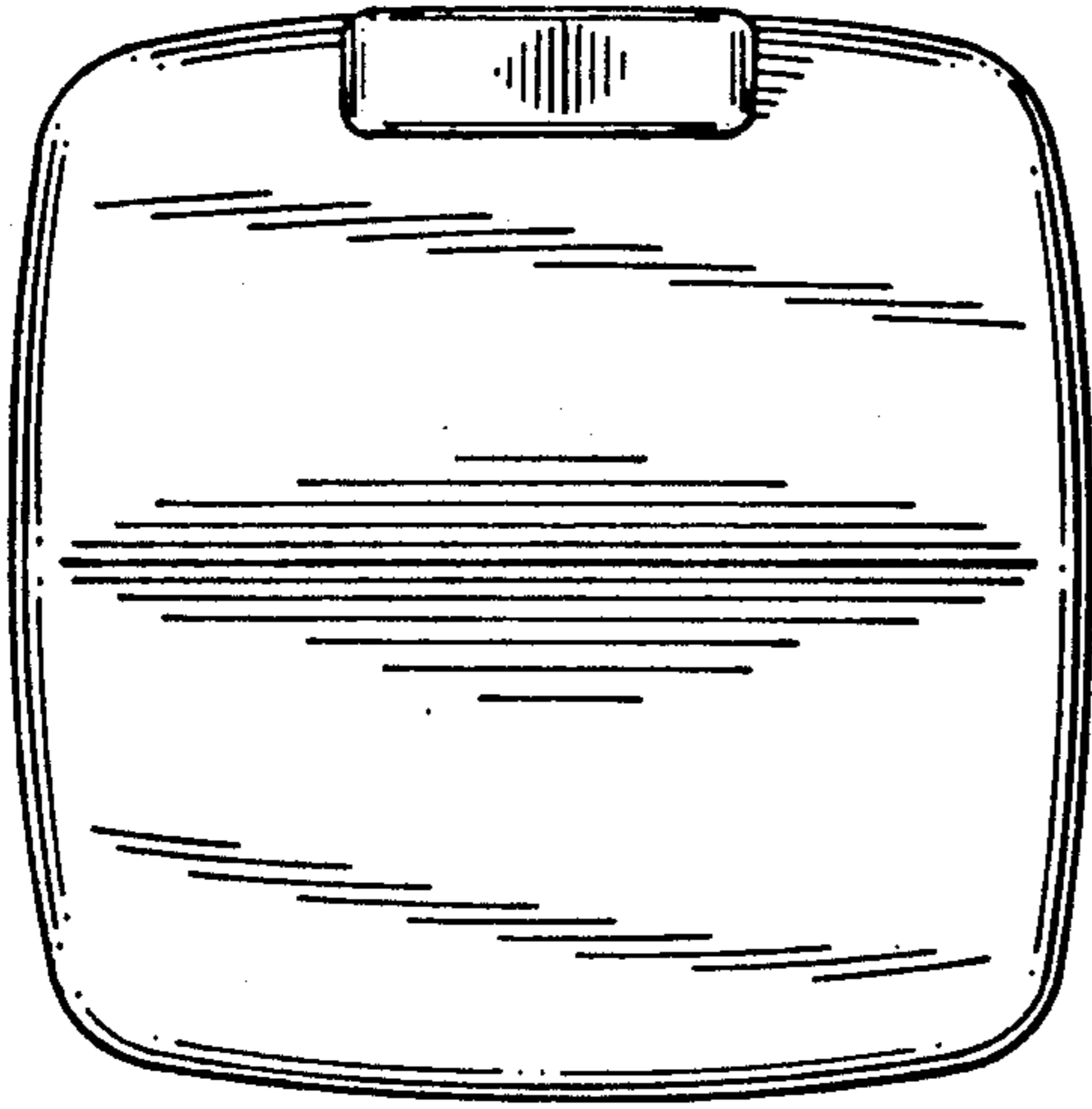


FIG. 8

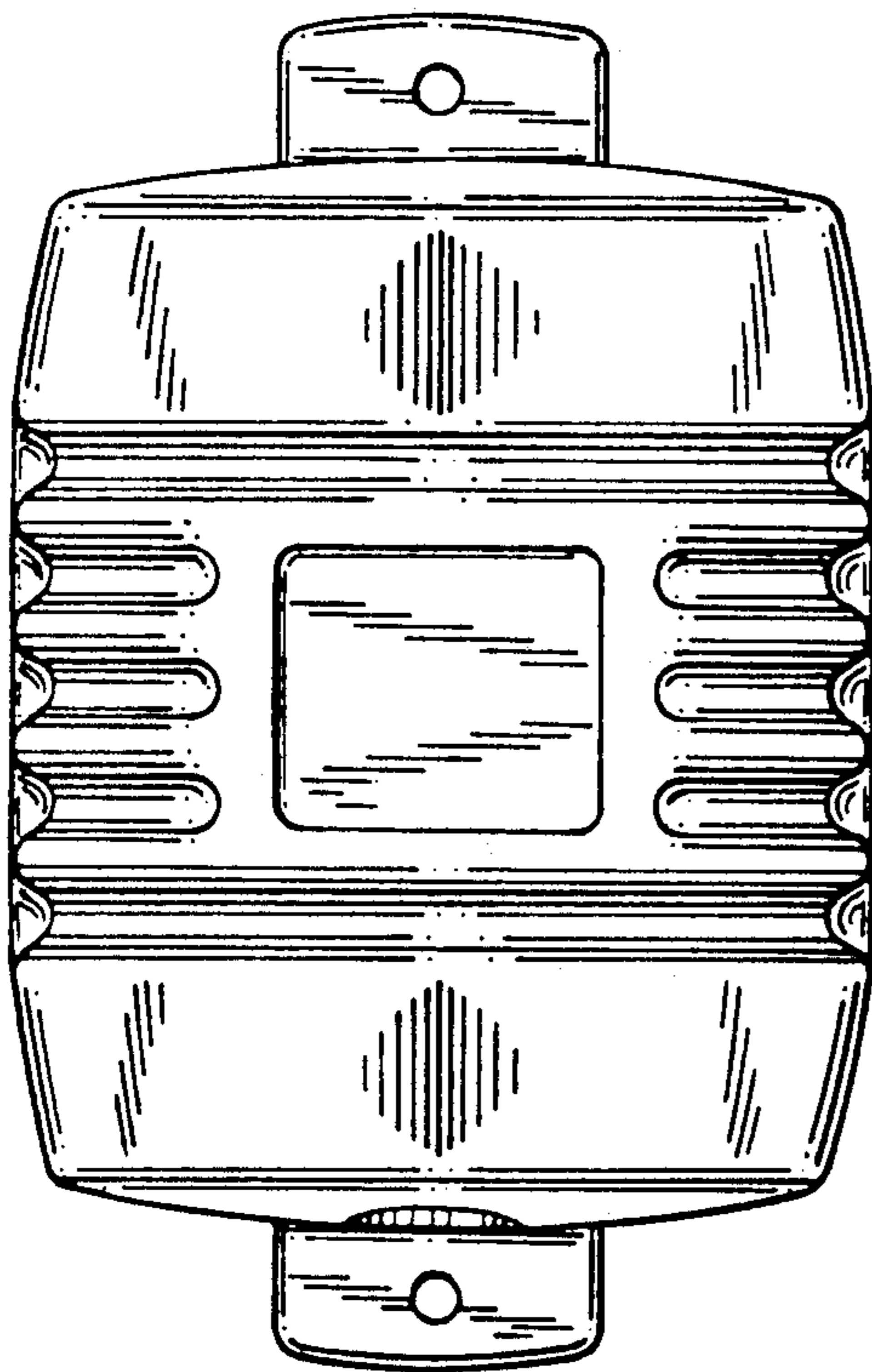


FIG. 6

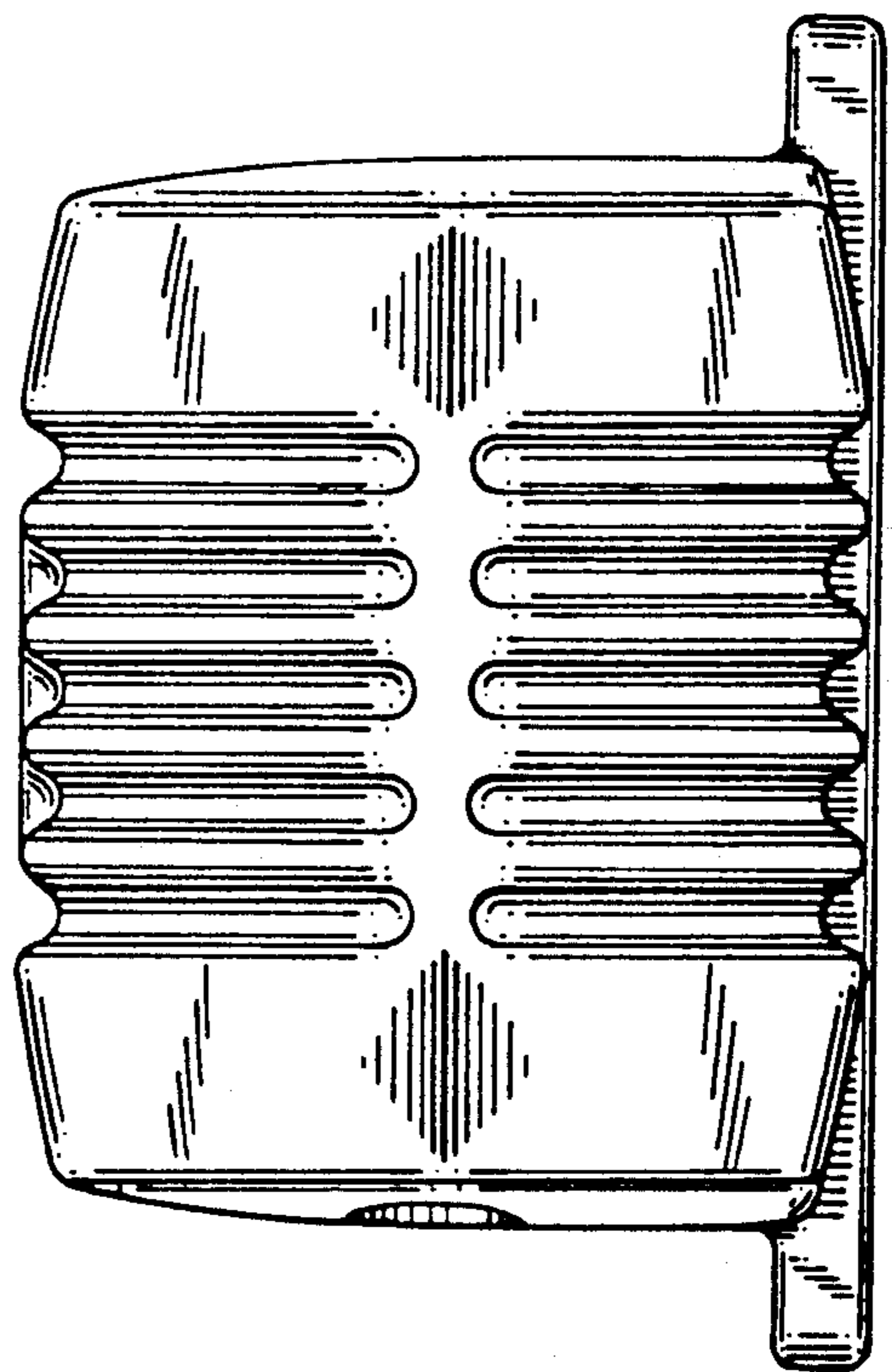


FIG. 7

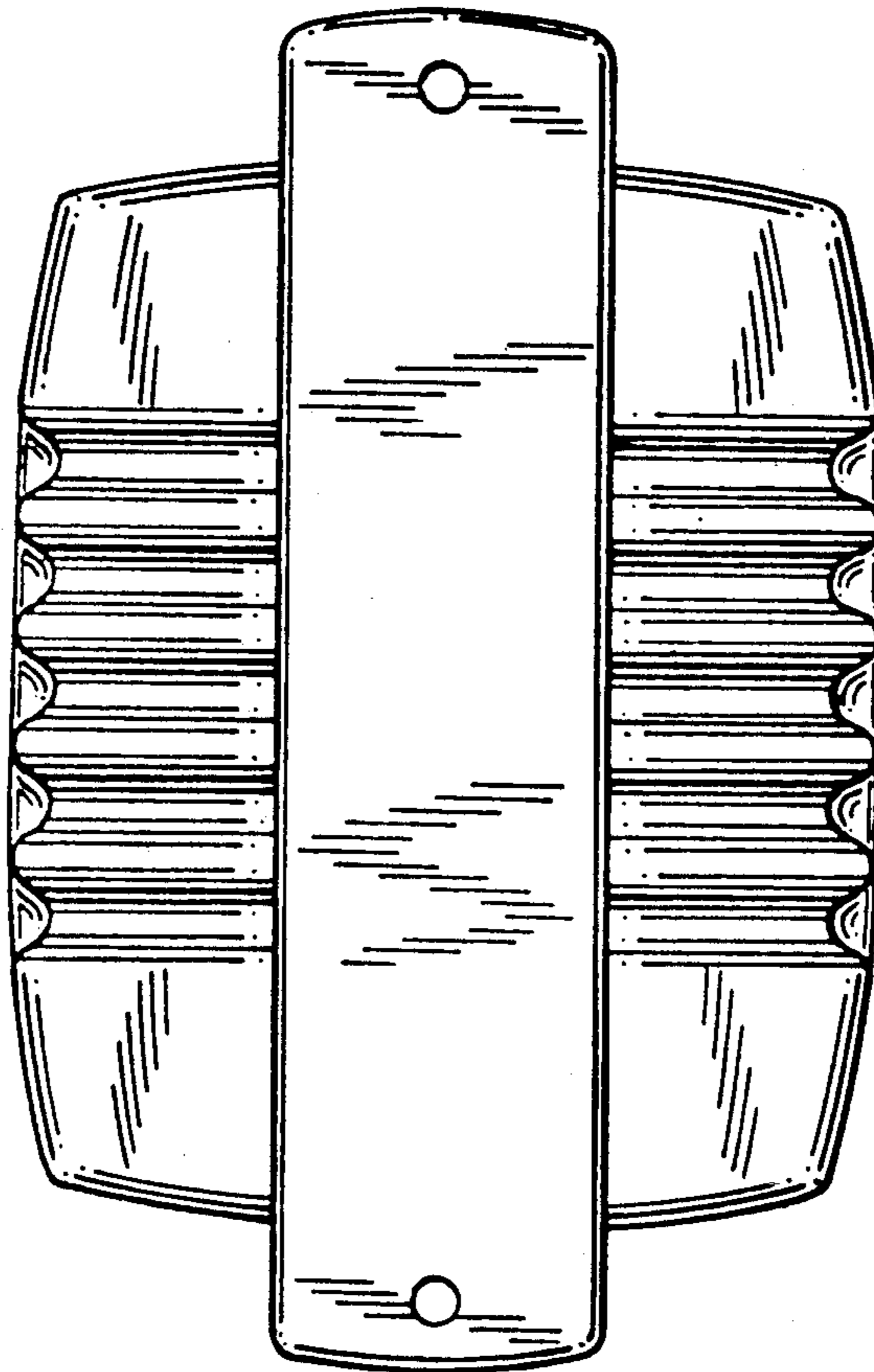


FIG. 9

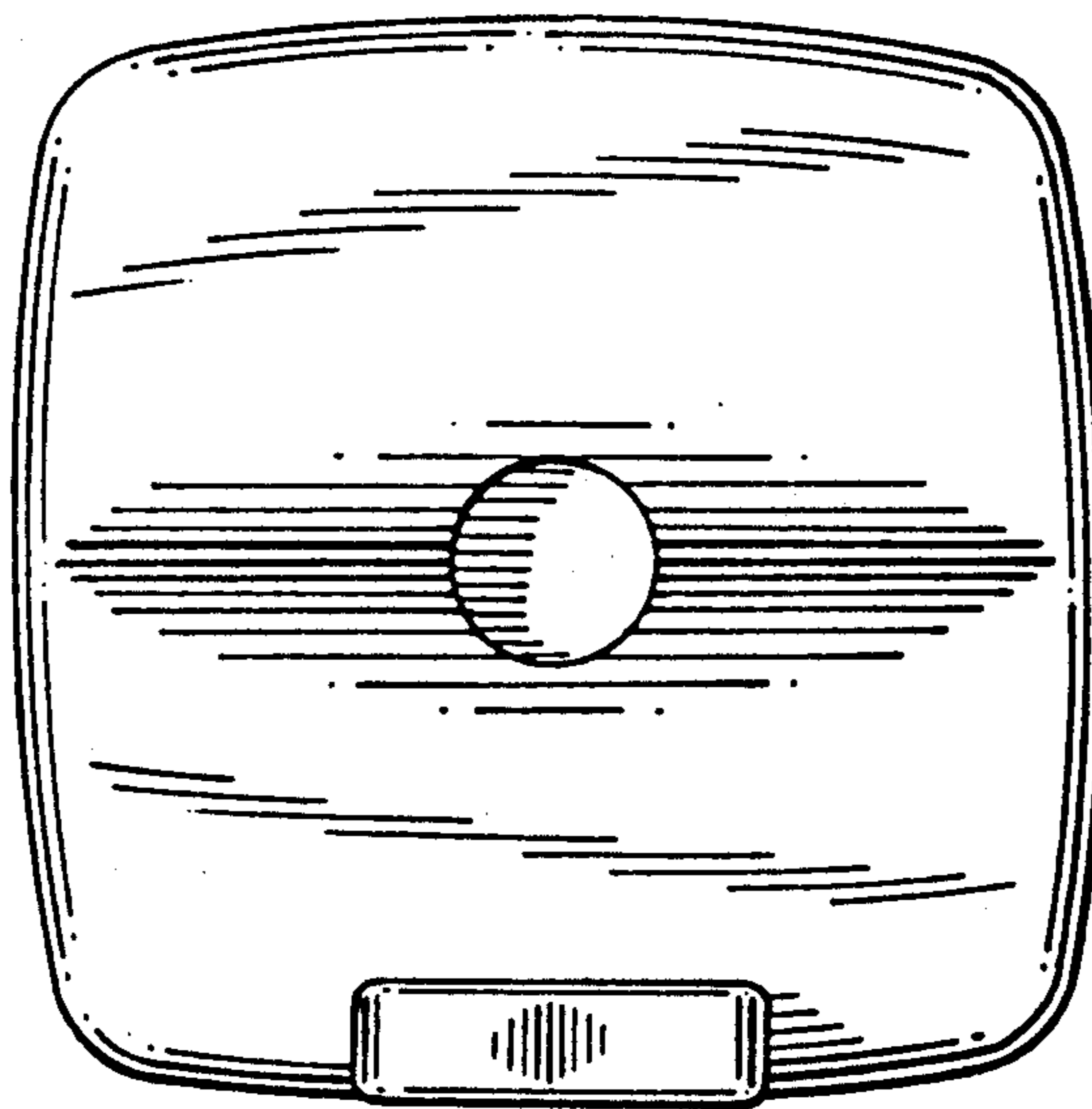


FIG. 10