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(12) **United States Design Patent**
Manseder

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(54) **DOOR OPENING AND CLOSING DEVICE**

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(**) Term: **14 Years**

(21) Appl. No.: **29/414,254**

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(51) **LOC (9) Cl.** **08-07**

(52) **U.S. Cl.**
USPC **D8/330**

(58) **Field of Classification Search**
USPC D8/330, 343, 331, 339; 16/49-51,
16/59, 62, 71, 82, DIG. 7, 79; 292/201, 144,
292/92, 339, DIG. 19
See application file for complete search history.

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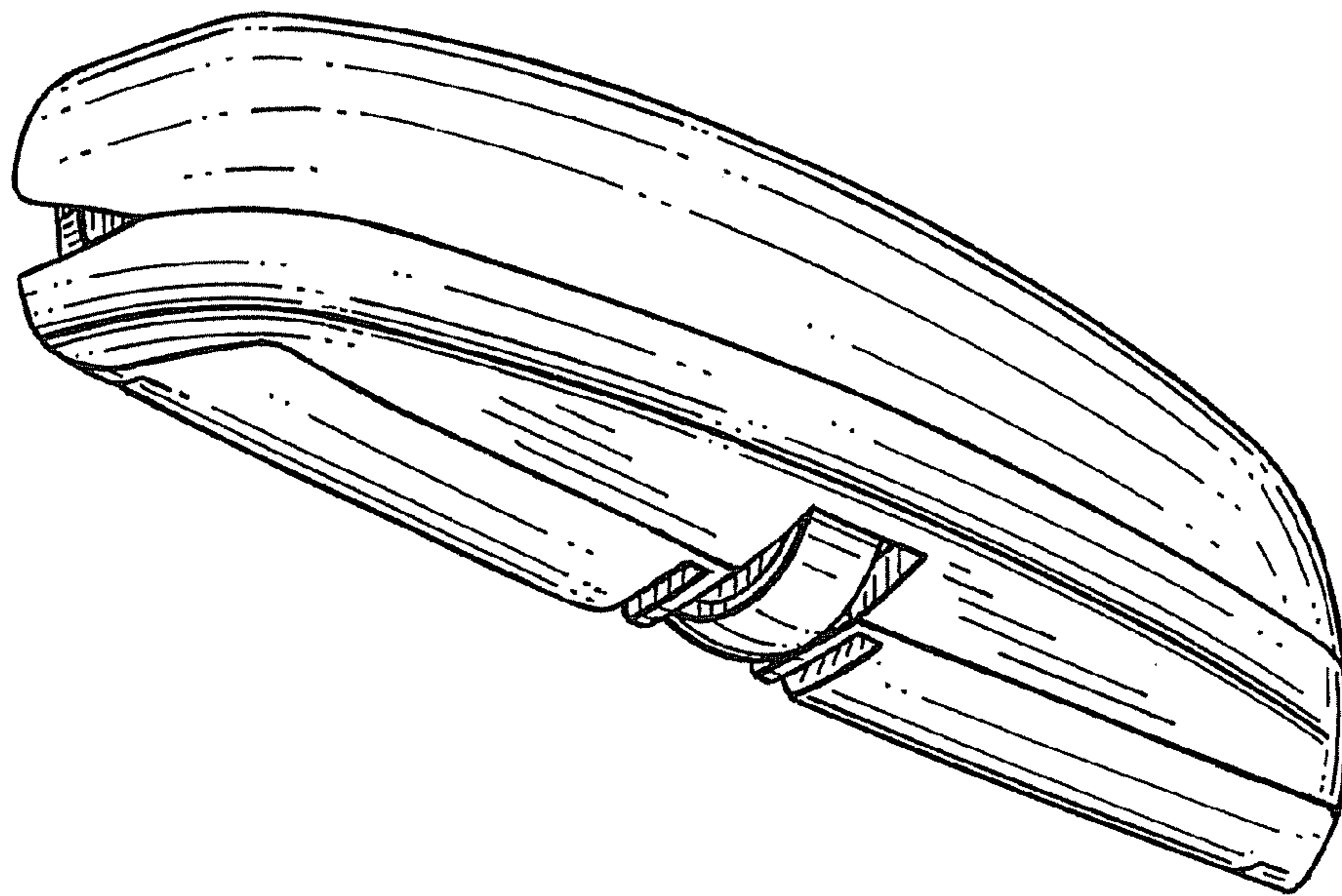
(57) **CLAIM**

The ornamental design for a door opening and closing device, as shown and described.

DESCRIPTION

FIG. 1 is a front and bottom perspective view showing the door opening and closing device of the new invention, FIG. 2 is a rear elevation view thereof, FIG. 3 is a front elevation view thereof, FIG. 4 is a top plan view thereof, FIG. 5 is a bottom plan view thereof; and, FIG. 6 is a right side view thereof; the left side view is a mirror image of the left side view.

1 Claim, 2 Drawing Sheets



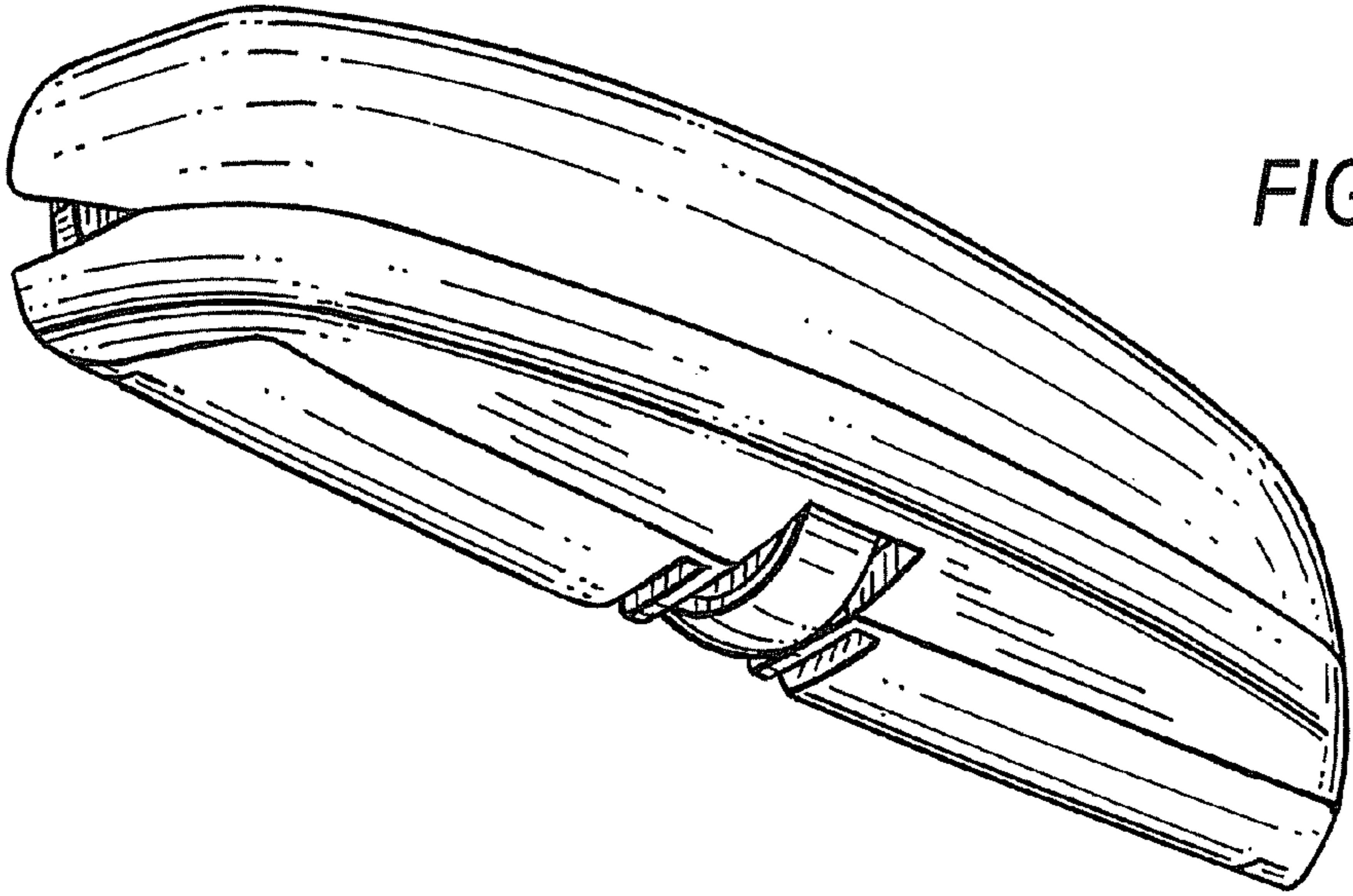


FIG. 1

FIG. 2

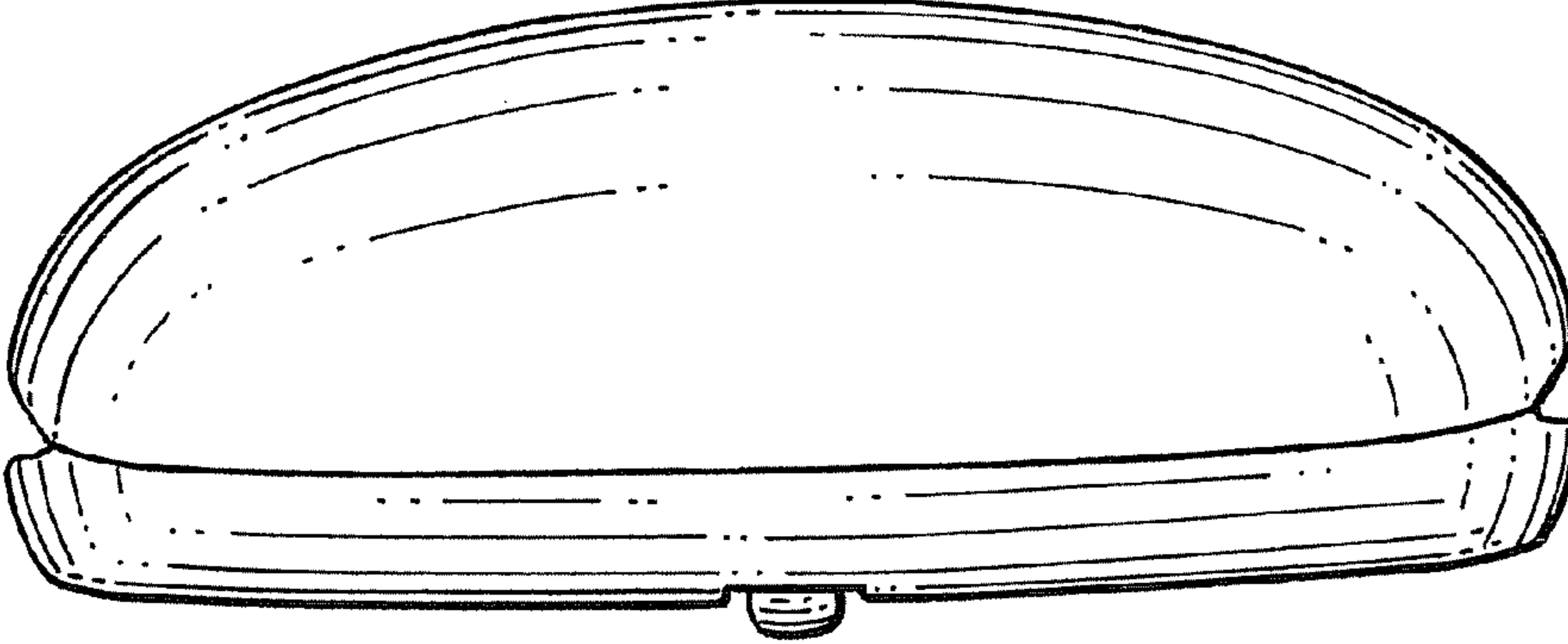
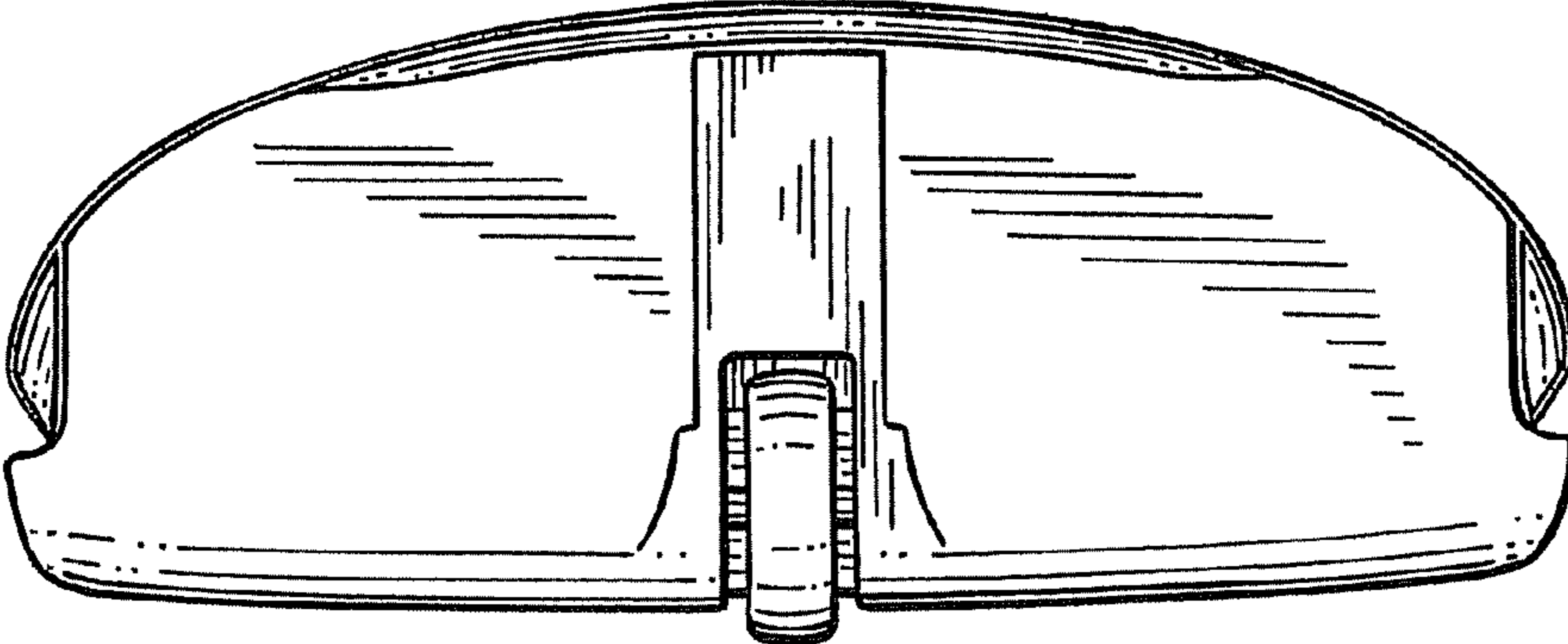


FIG. 3

FIG. 4

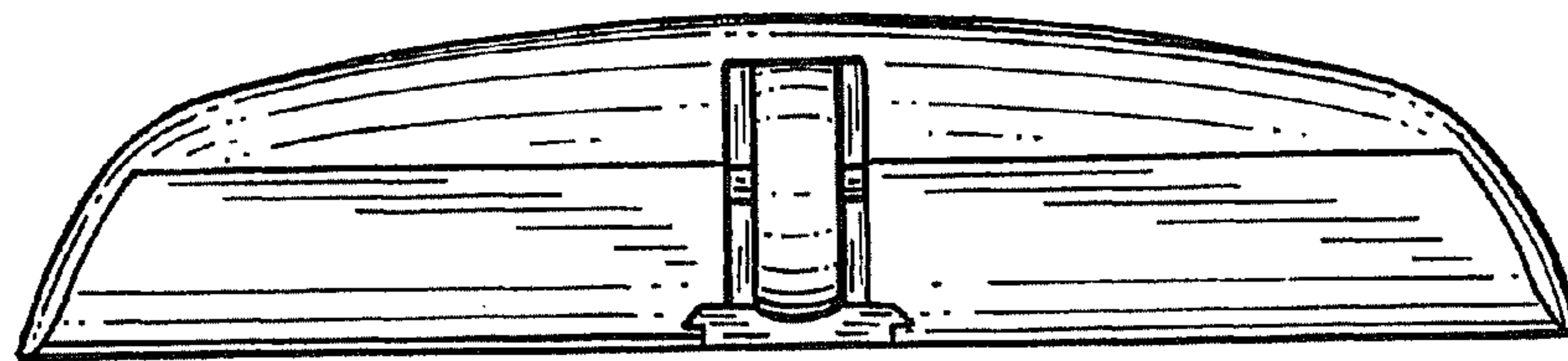
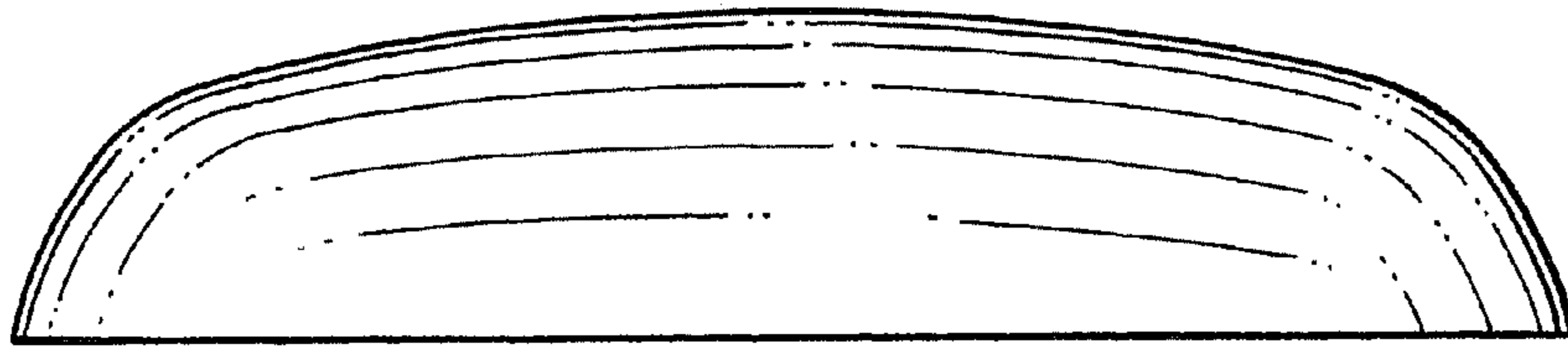


FIG. 5

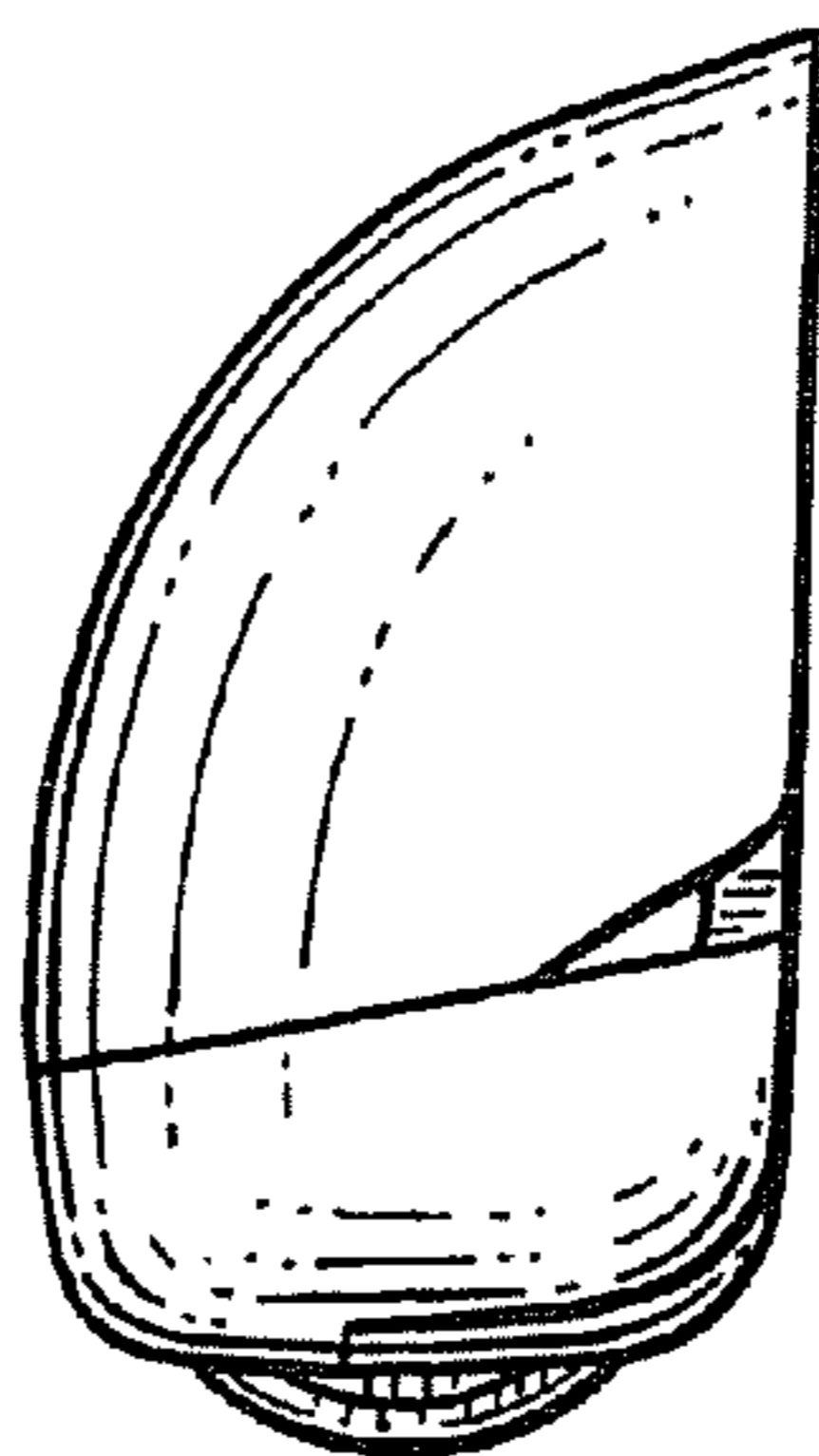


FIG. 6