



US00D559358S

(12) **United States Design Patent** (10) **Patent No.:** **US D559,358 S**
Moura de Oliveira (45) **Date of Patent:** **** Jan. 8, 2008**

(54) **FLOAT OPERATED FEED VALVE**
(75) Inventor: **Antonio Manuel Moura de Oliveira,**
Aveiro (PT)
(73) Assignee: **Oliveira & Irmao, S.A.,** Esgueira (PT)
(**) Term: **14 Years**
(21) Appl. No.: **29/276,239**
(22) Filed: **Jan. 19, 2007**

Related U.S. Application Data

(62) Division of application No. 29/234,629, filed on Jul. 21, 2005, now Pat. No. Des. 538,888.

(30) **Foreign Application Priority Data**

Jan. 21, 2005 (IT) MI2005O0009

(51) **LOC (8) Cl.** **23-01**

(52) **U.S. Cl.** **D23/236**

(58) **Field of Classification Search** D23/233–237,
D23/244–249, 250, 254; 251/120, 243, 236–238,
251/215–216, 144–154, 61.4; 137/549, 556,
137/315.08, 390, 360, 413–414, 432, 441,
137/218, 426, 436

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D244,694 S * 6/1977 McClure D25/33
D292,120 S * 9/1987 Nestich D23/236
4,830,042 A * 5/1989 Cho 137/315.08
5,439,025 A * 8/1995 Johnson 137/426
D421,788 S 3/2000 Kingman et al.
D470,222 S * 2/2003 Nortier D23/233
D517,646 S 3/2006 Rodriguez
D518,148 S 3/2006 Rodriguez et al.
D519,605 S 4/2006 Rodriguez et al.
D520,111 S 5/2006 Cheng
D541,379 S * 4/2007 Nortier et al. D23/233

* cited by examiner

Primary Examiner—Ian Simmons
Assistant Examiner—Maurice Stevens
(74) *Attorney, Agent, or Firm*—Greenblum & Bernstein,
P.L.C.

(57) **CLAIM**

The ornamental design for a float operated feed valve, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a float operated feed valve, showing my new design;

FIG. 2 is a top plan view of the embodiment of FIG. 1;

FIG. 3 is a bottom plan view of the embodiment of FIG. 1;

FIG. 4 is a front elevational view of the embodiment of FIG. 1;

FIG. 5 is a left side elevational view of the embodiment of FIG. 1;

FIG. 6 is a rear elevational view of the embodiment of FIG. 1;

FIG. 7 is a right side elevational view of the embodiment of FIG. 1;

FIG. 8 is a perspective view of the float of a float operated feed valve, showing my new design, with the float shown removed for ease of illustration;

FIG. 9 is a right side elevational view of the embodiment of FIG. 8;

FIG. 10 is a rear elevational view of the embodiment of FIG. 8;

FIG. 11 is a left side elevational view of the embodiment of FIG. 8;

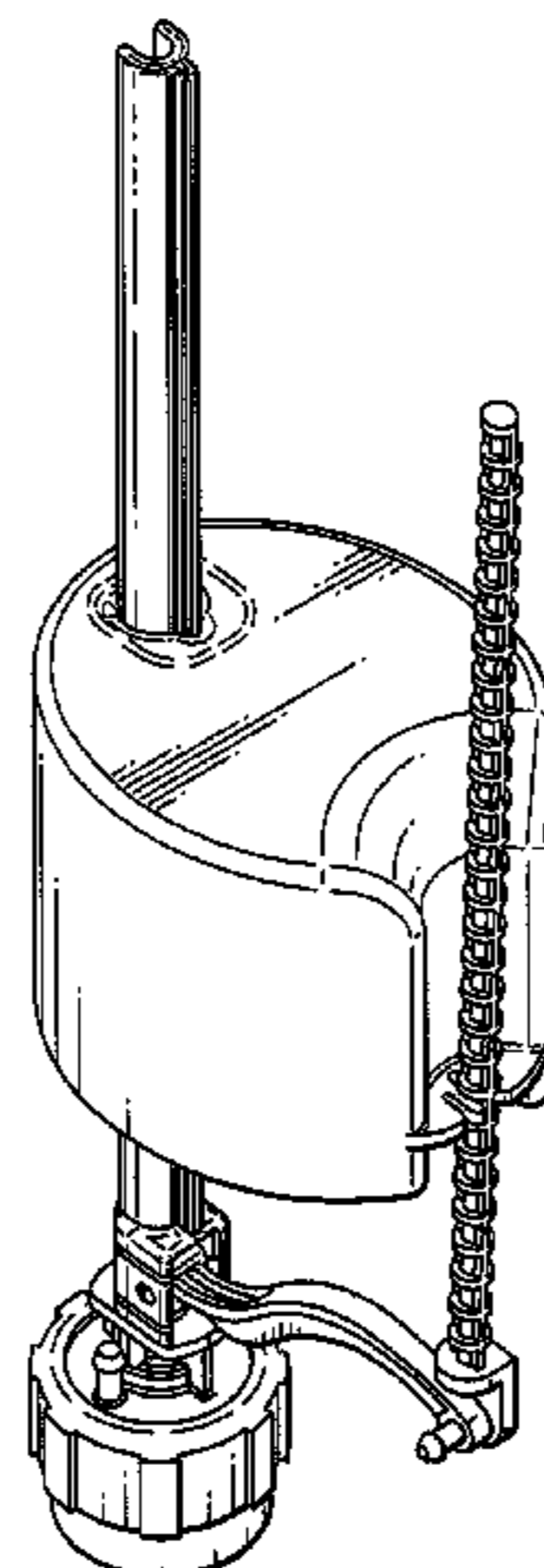
FIG. 12 is a top plan view of the embodiment of FIG. 8;

FIG. 13 is a front elevational view of the embodiment of FIG. 8; and,

FIG. 14 is a bottom plan view of the embodiment of FIG. 8.

The broken lines shown in FIGS. 1–3 and 8 are included for the purpose of illustrating environment and forms no part of the claimed design.

1 Claim, 5 Drawing Sheets



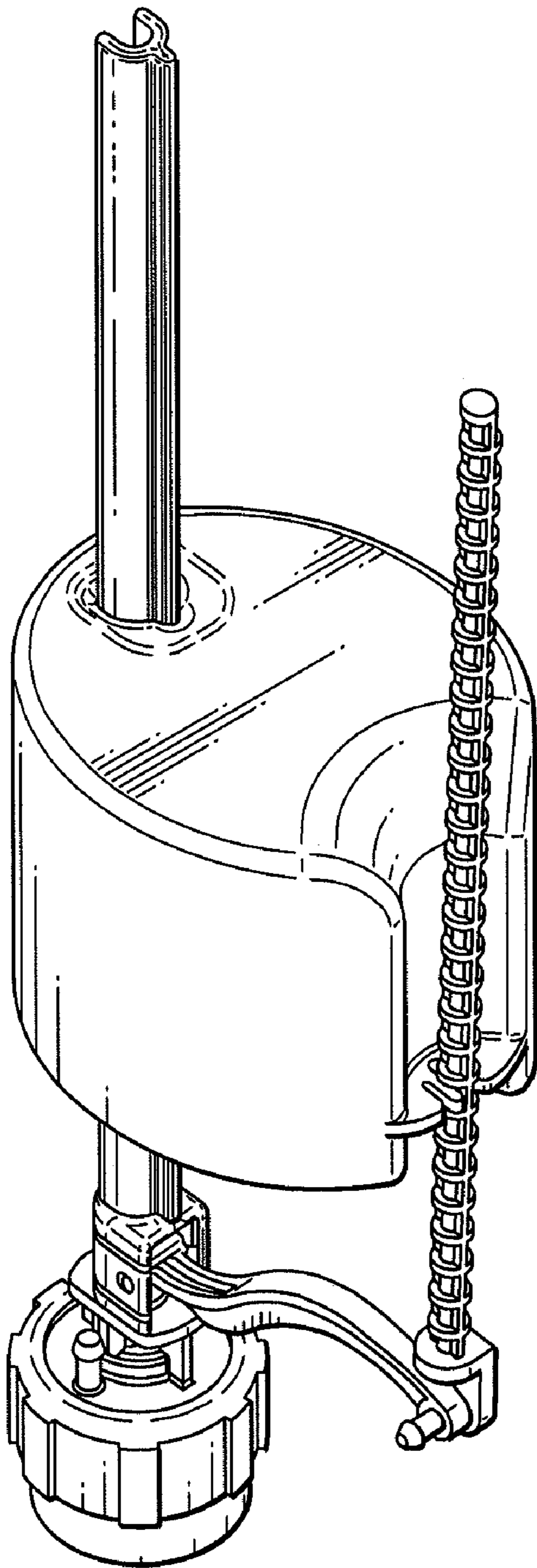


FIG. 1

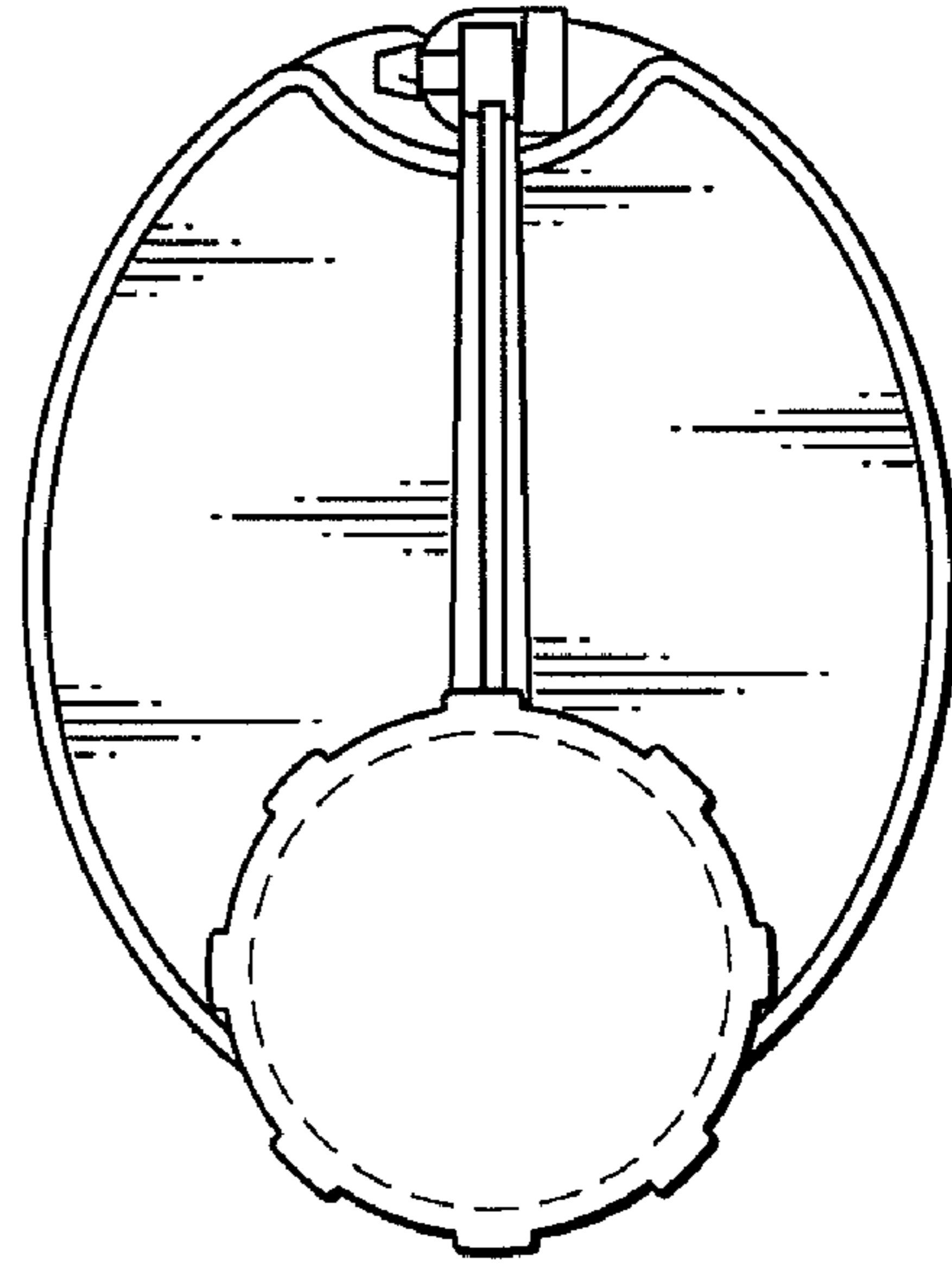


FIG. 3

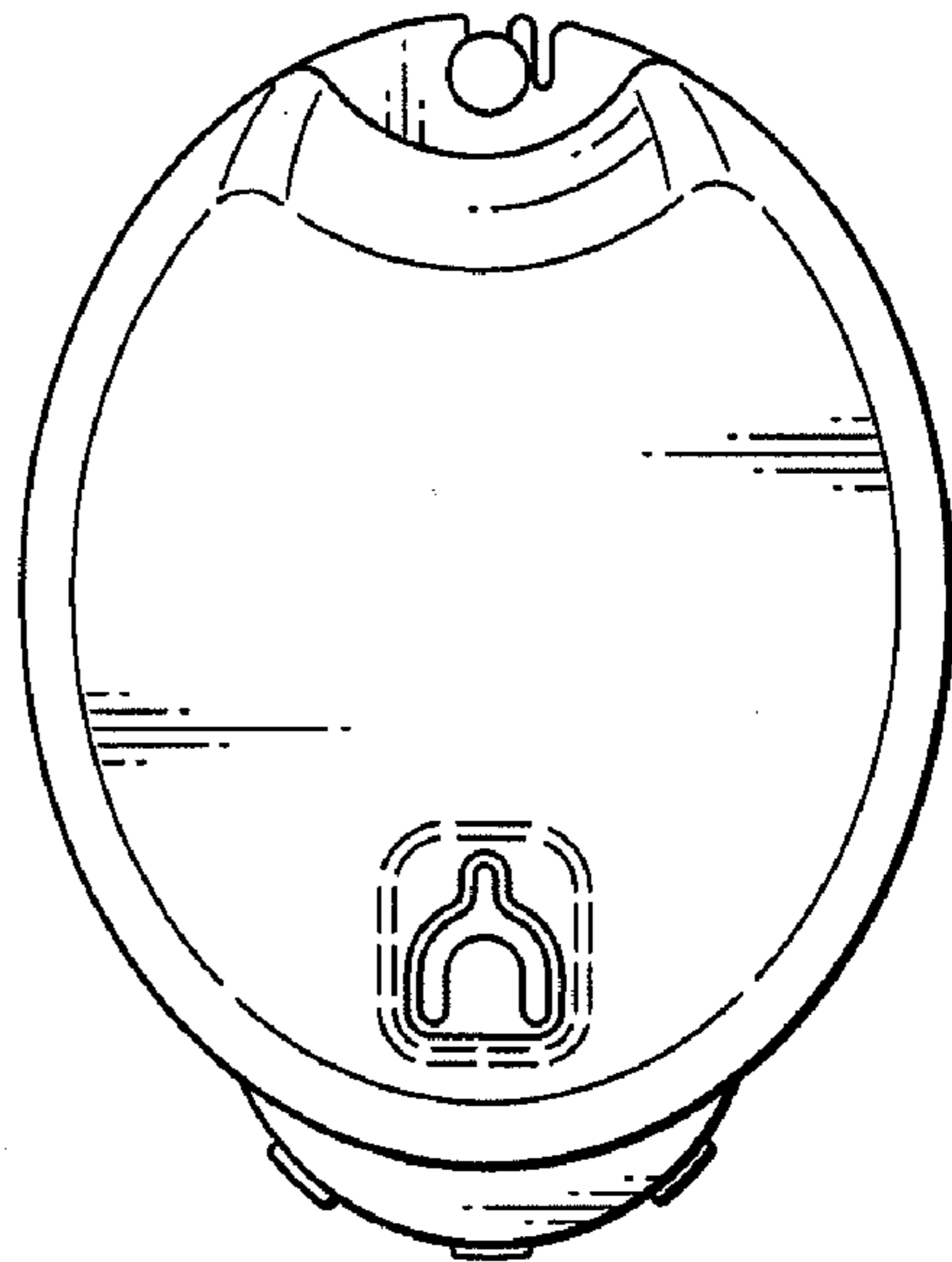


FIG. 2

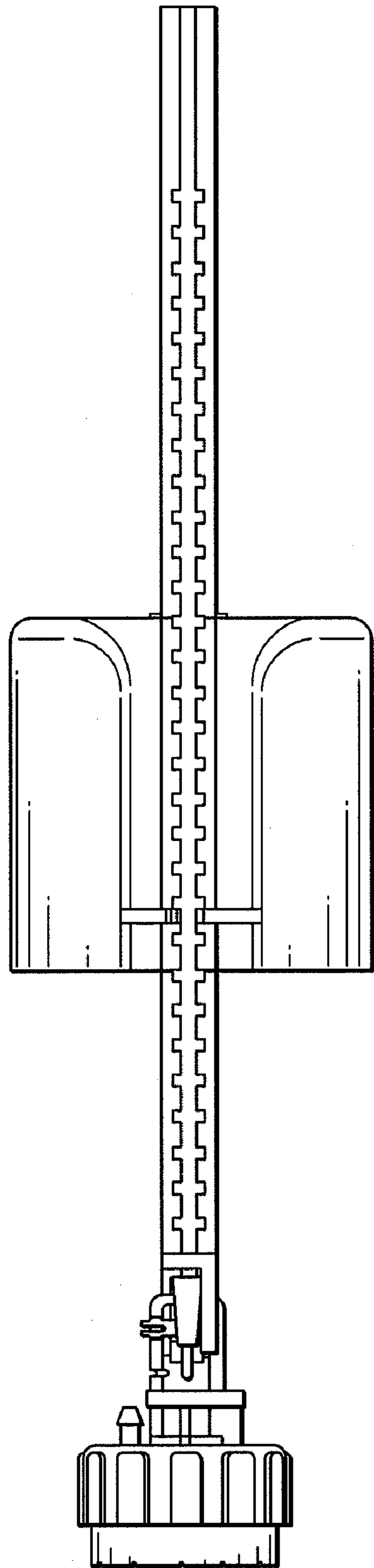


FIG. 4

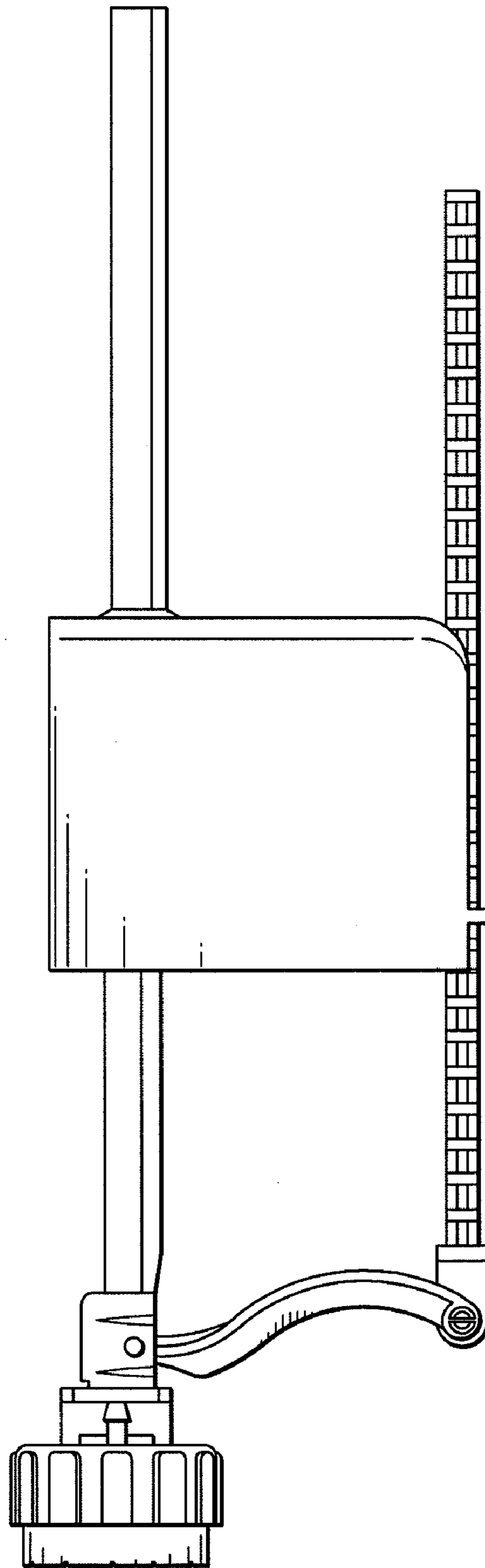


FIG. 5

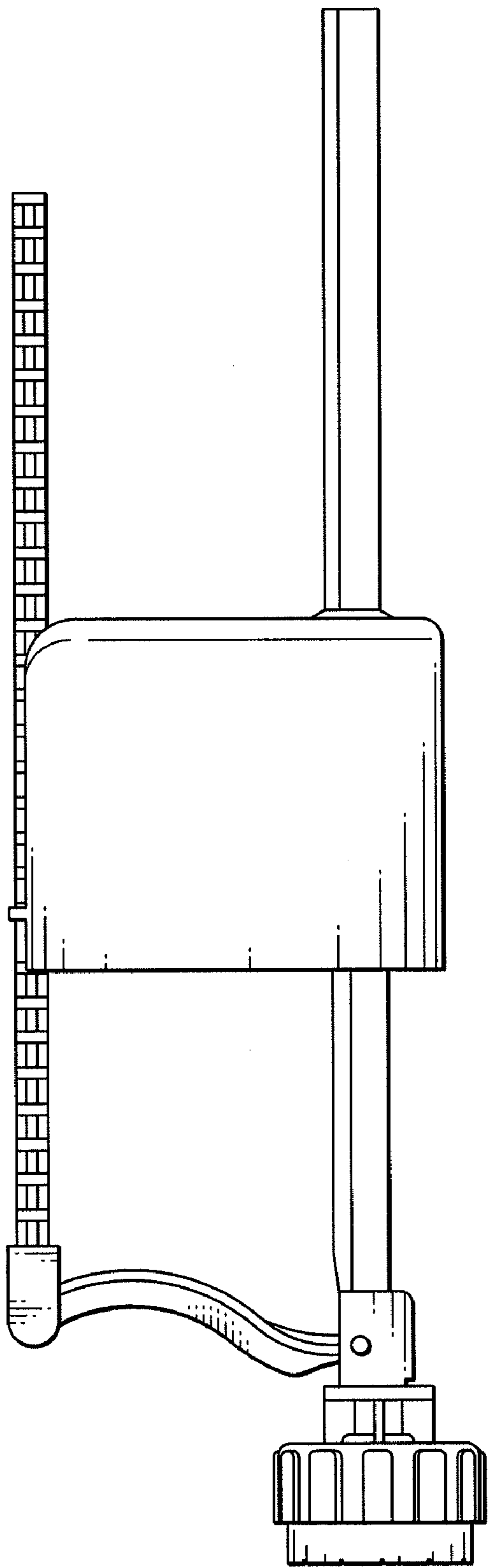


FIG. 7

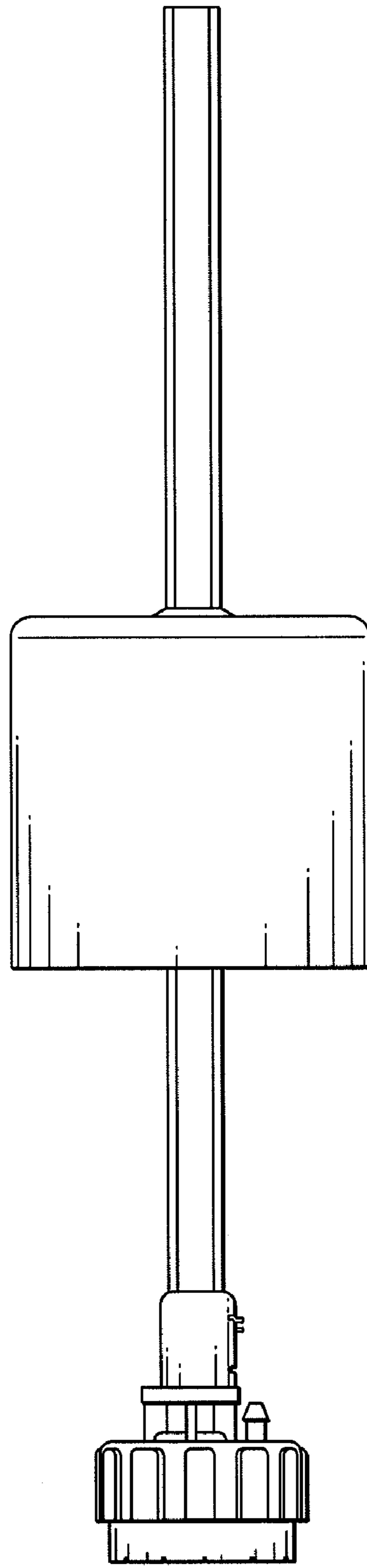


FIG. 6

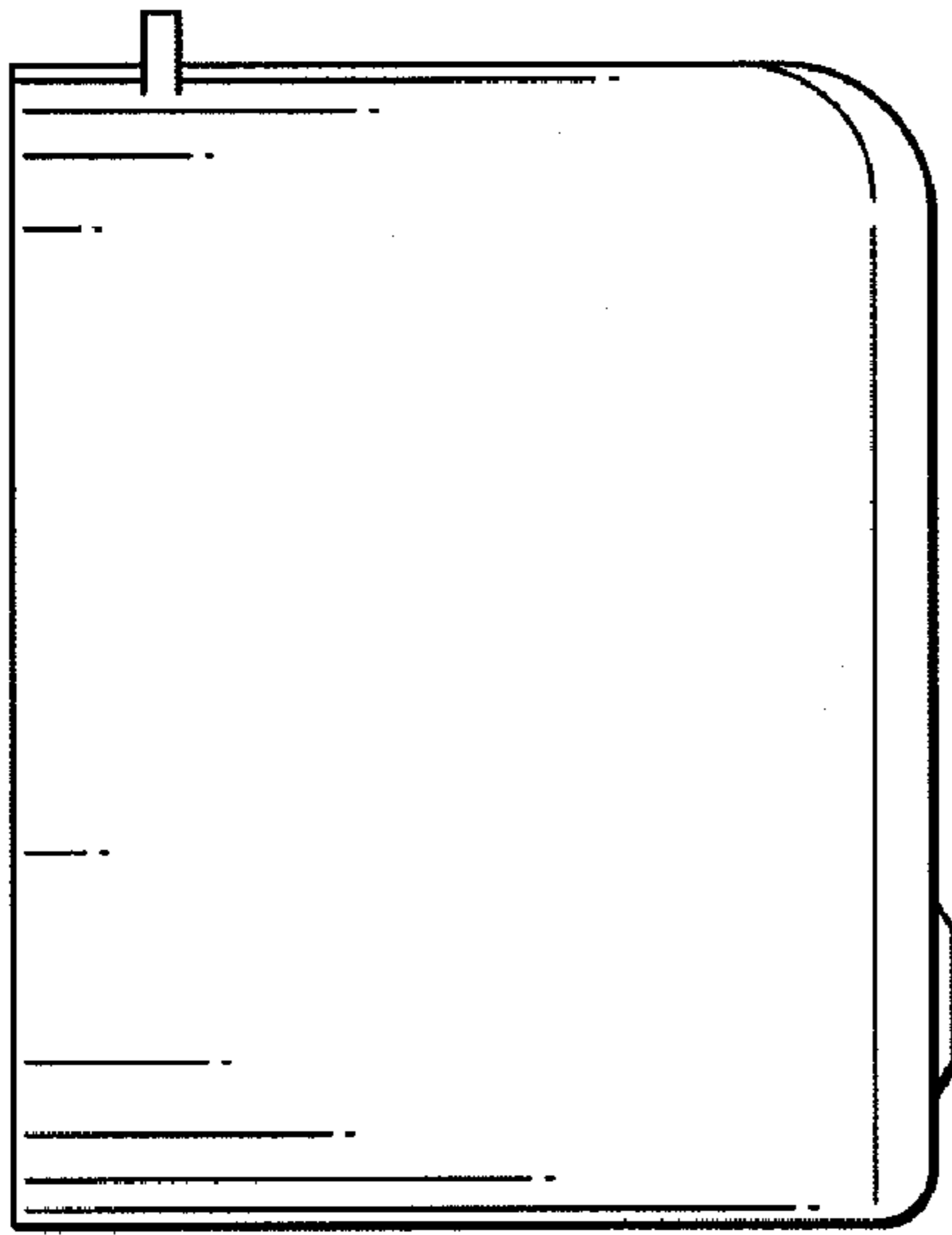


FIG. 9

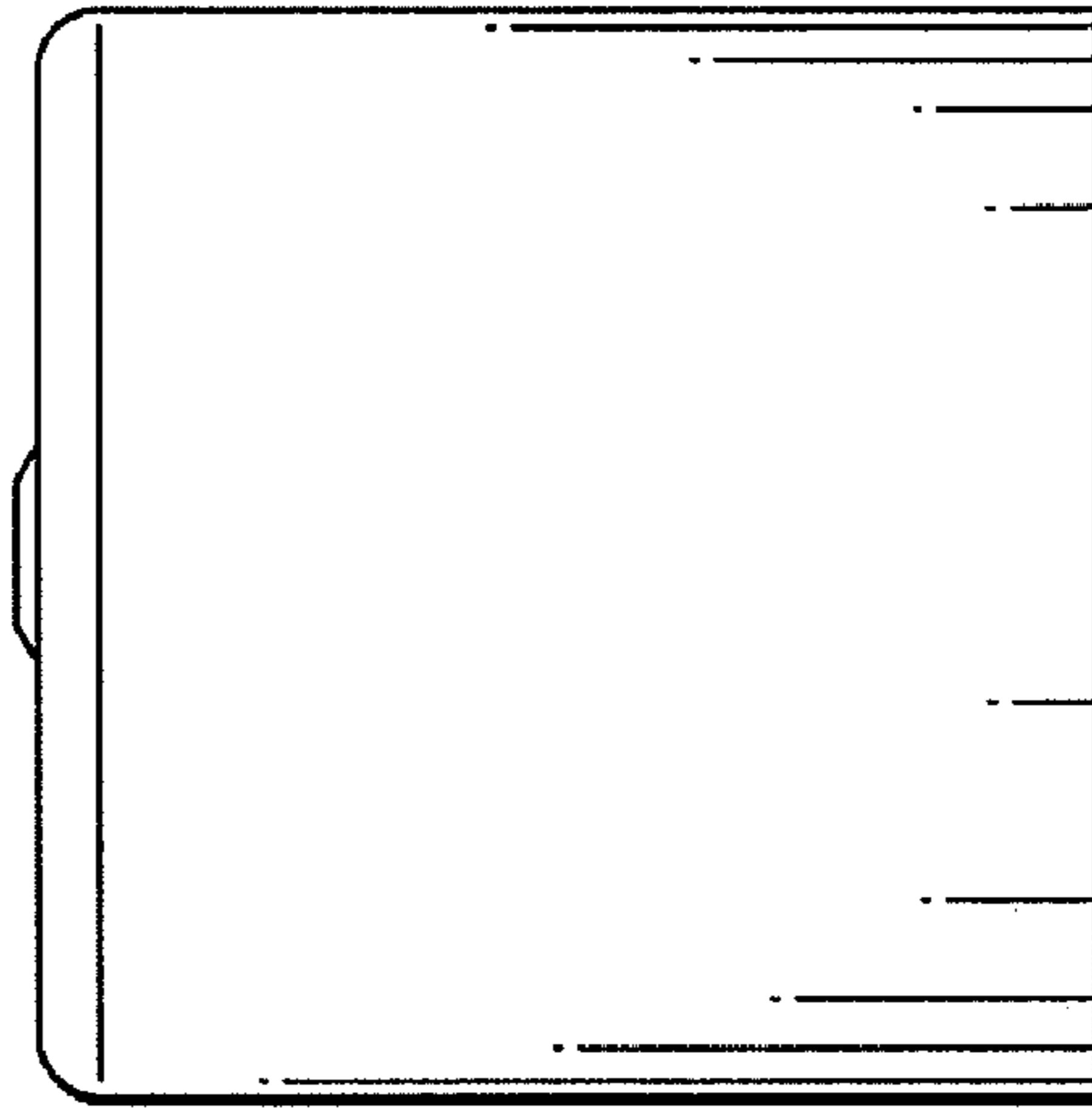


FIG. 10

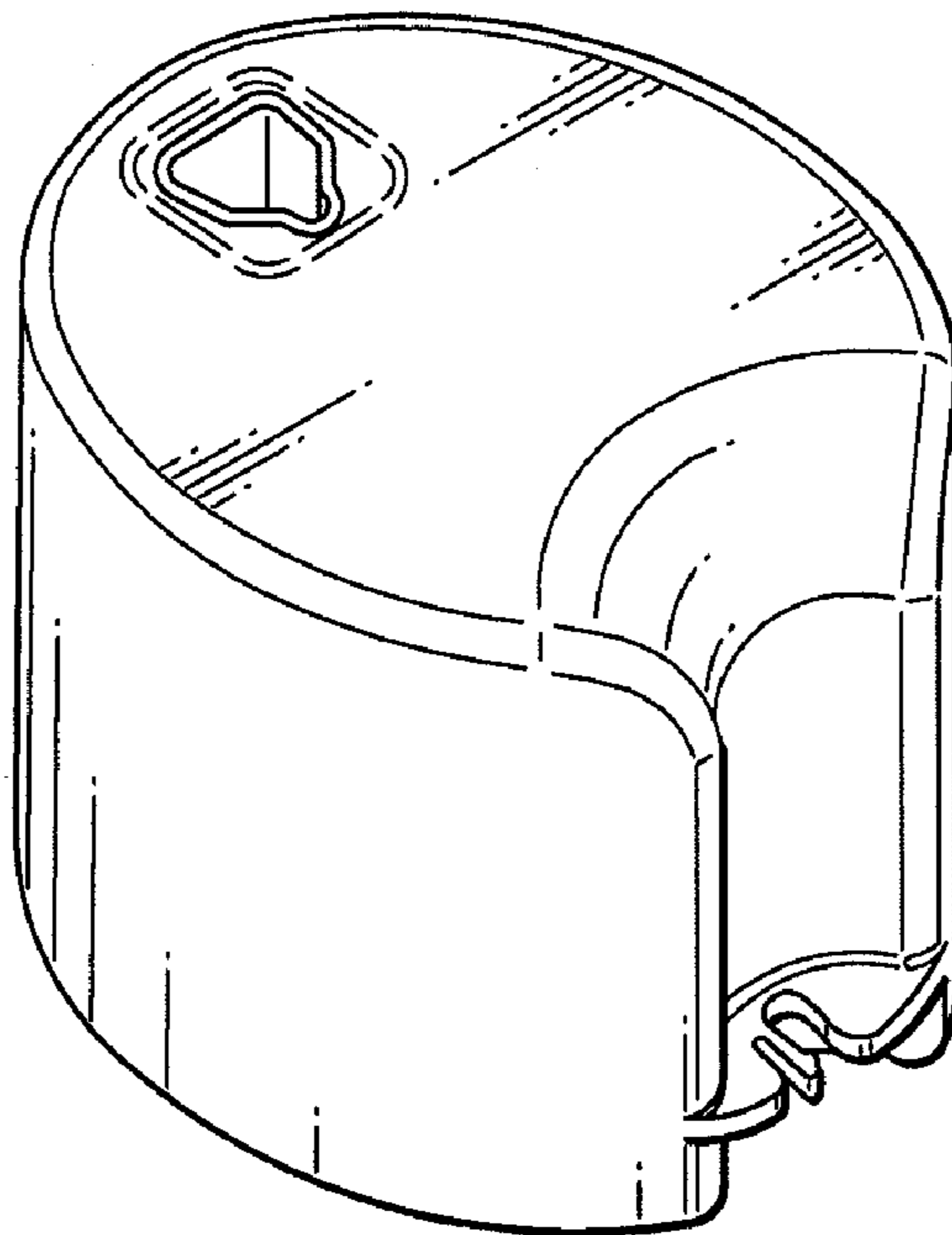


FIG. 8

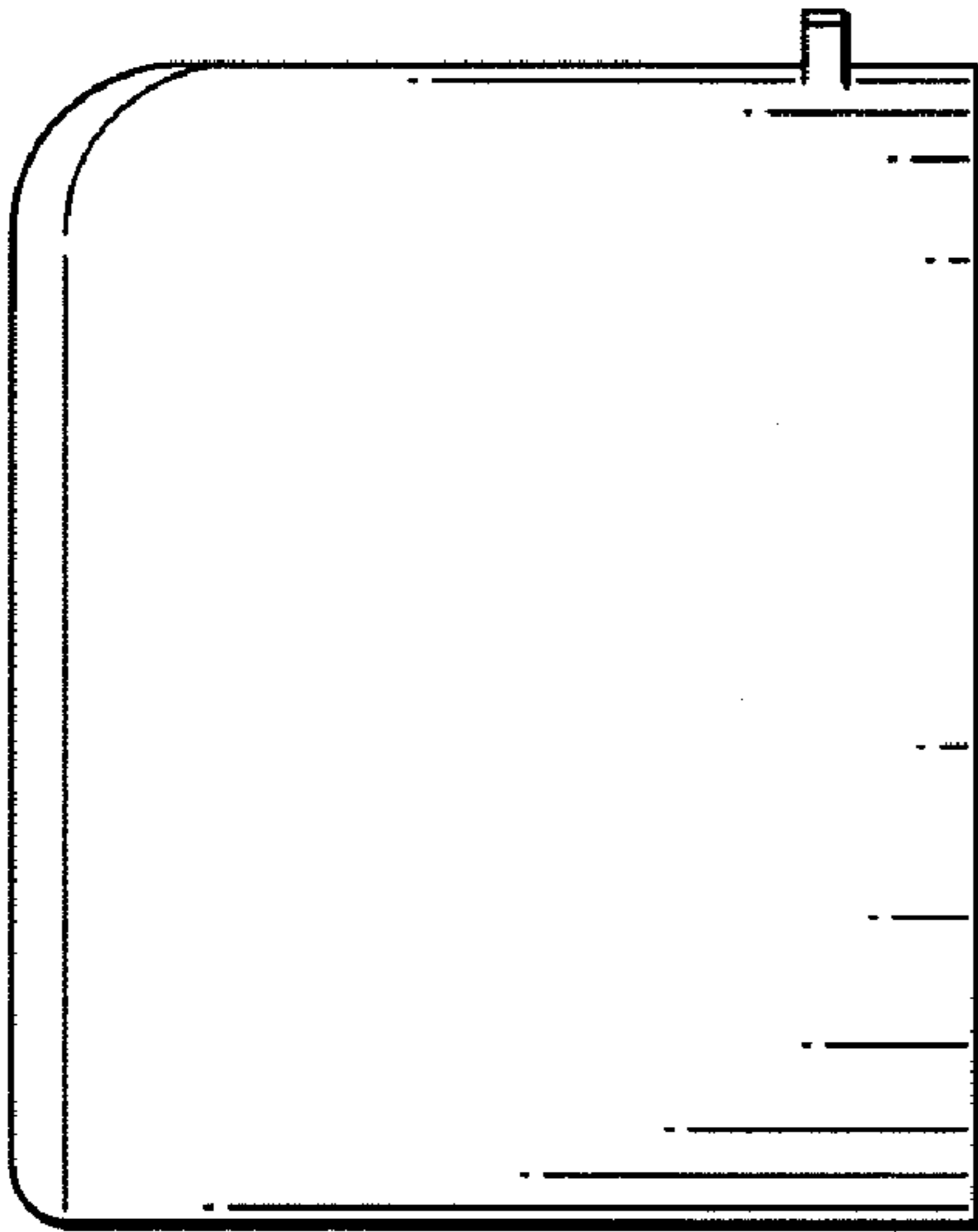


FIG. 11

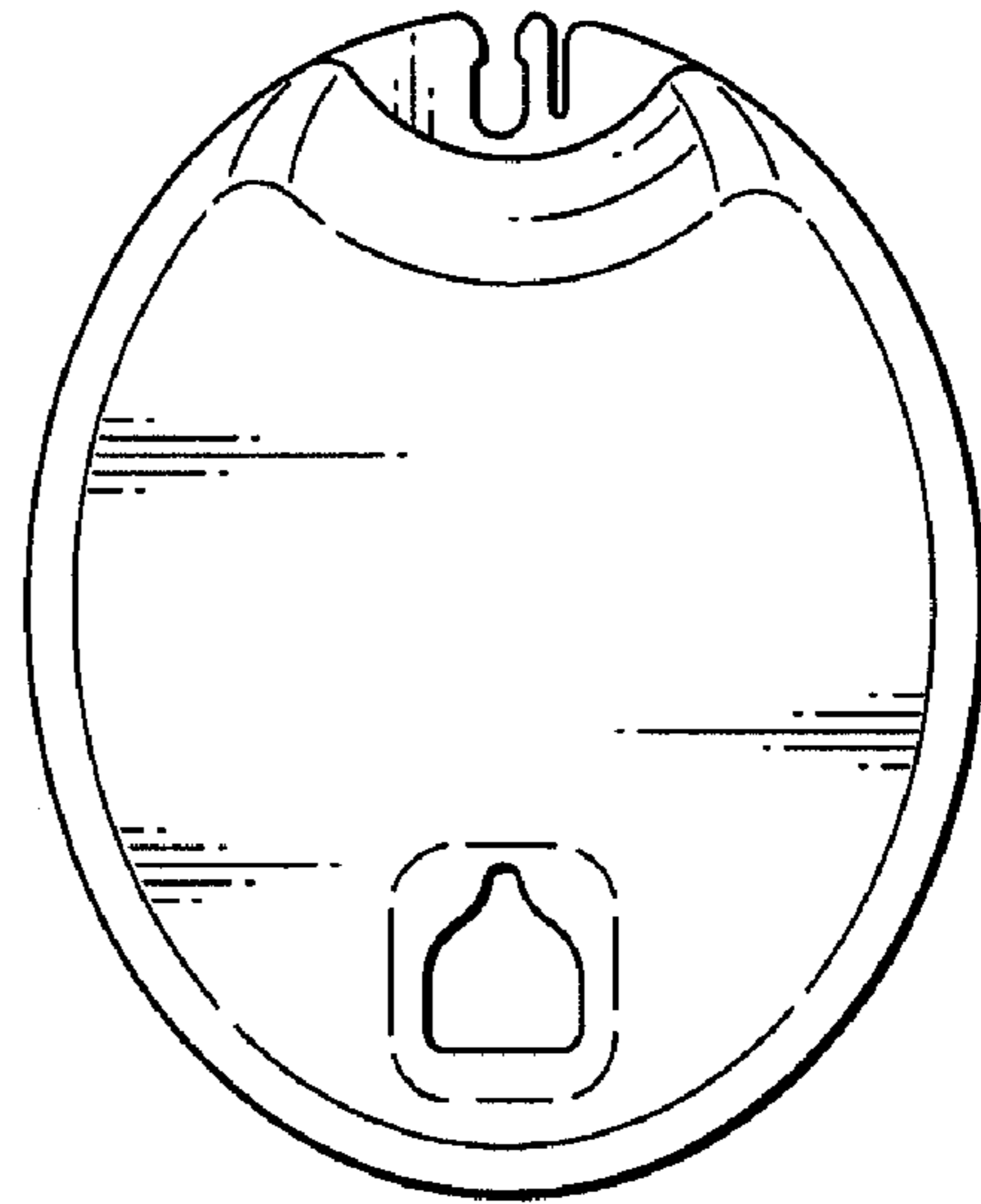


FIG. 12

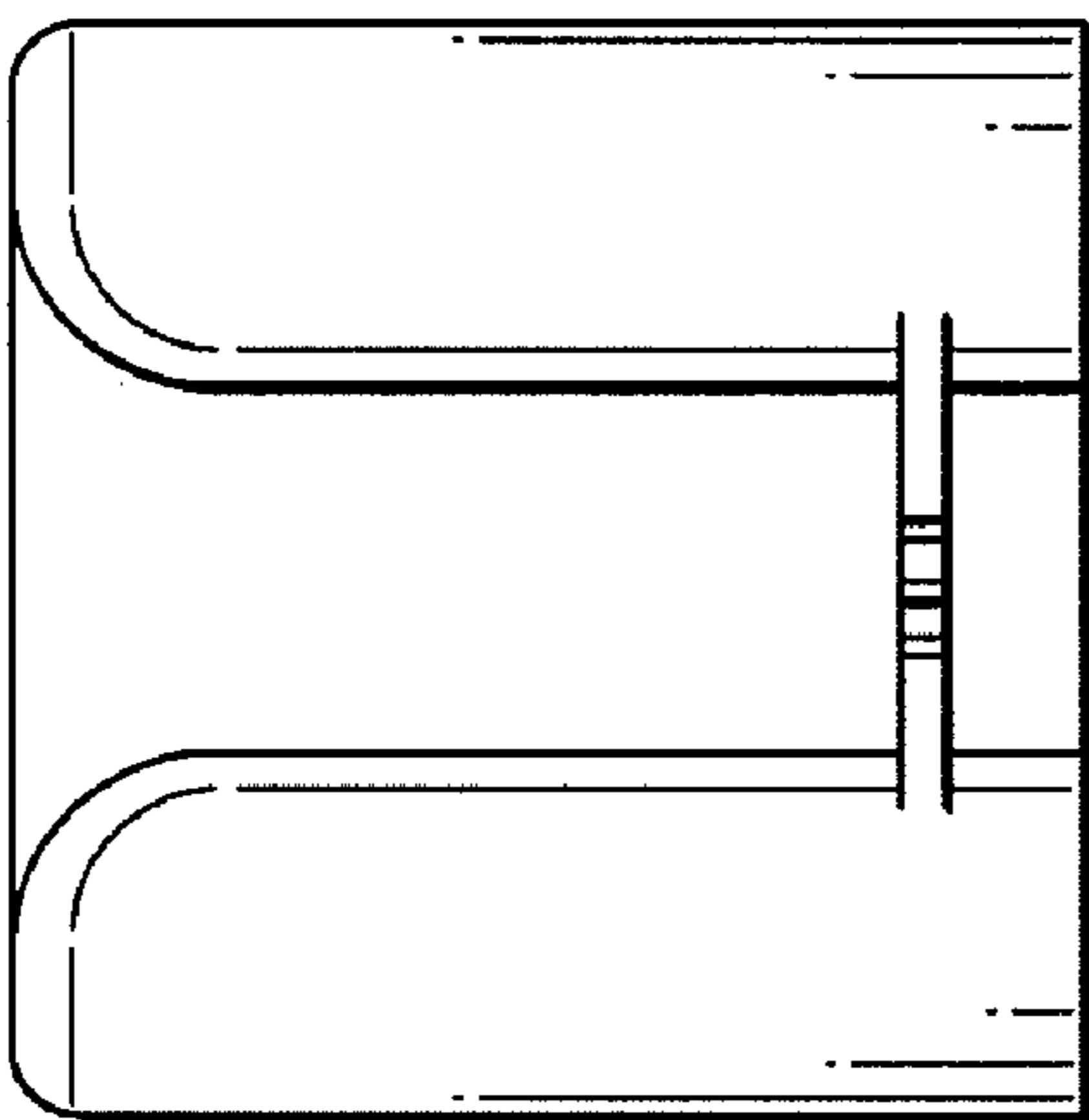


FIG. 13

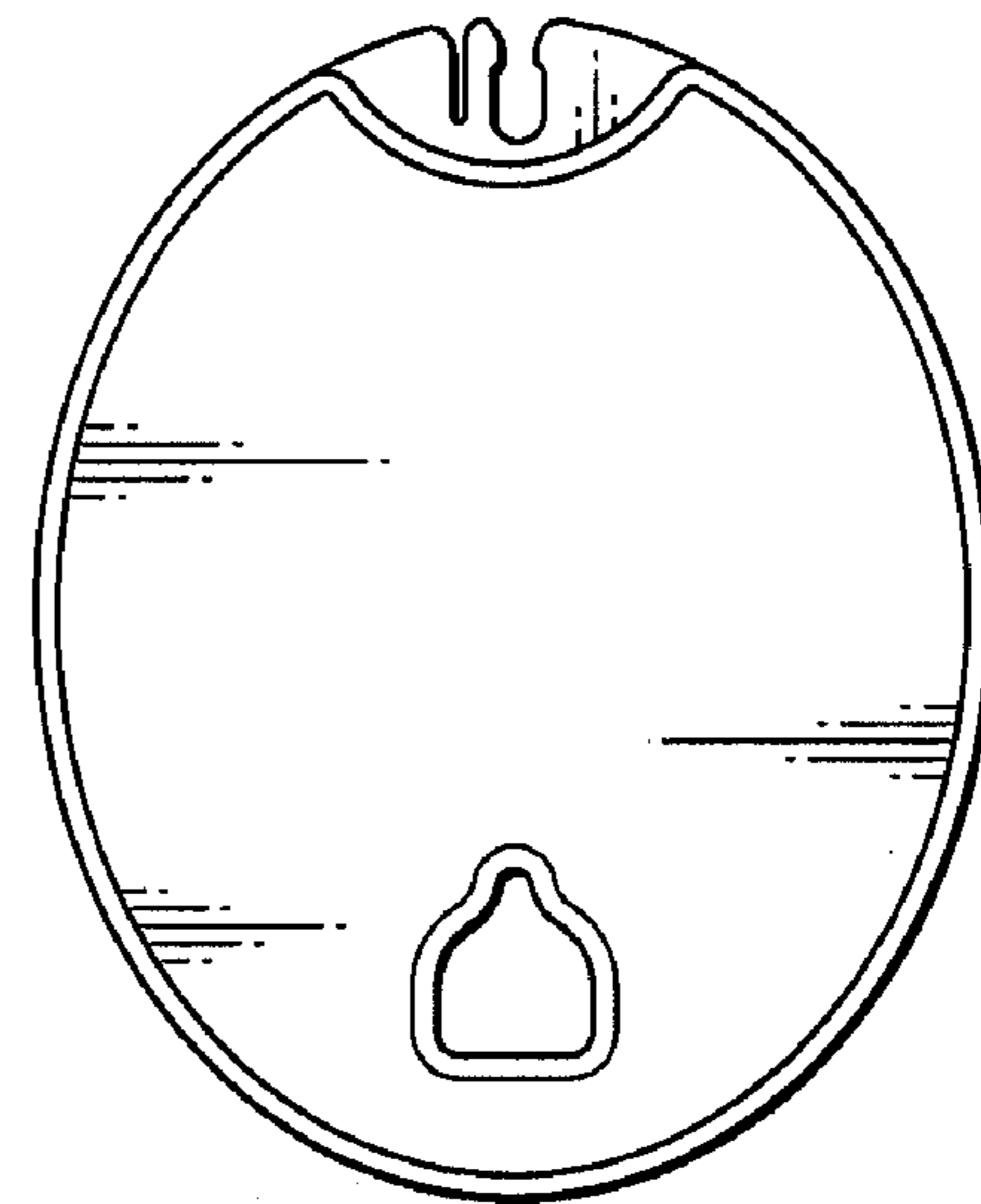


FIG. 14