



US00D749482S

(12) **United States Design Patent**
Schroeder et al.

(10) **Patent No.:** **US D749,482 S**

(45) **Date of Patent:** **** Feb. 16, 2016**

(54) **HUB CAP**

(71) Applicants: **Max Whitey Schroeder**, Westminster, CO (US); **Mary Suzann Byers**, Hallsville, TX (US); **Joshua Steven Briggs**, Longview, TX (US); **Daniel Trejo Jimenez**, Diana, TX (US)

(72) Inventors: **Max Whitey Schroeder**, Westminster, CO (US); **Mary Suzann Byers**, Hallsville, TX (US); **Joshua Steven Briggs**, Longview, TX (US); **Daniel Trejo Jimenez**, Diana, TX (US)

(73) Assignee: **STEMCO LP**, Longview, TX (US)

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

(21) Appl. No.: **29/464,802**

(22) Filed: **Aug. 21, 2013**

(51) **LOC (10) Cl.** **12-16**

(52) **U.S. Cl.**
USPC **D12/207**

(58) **Field of Classification Search**
USPC D12/204–213; 301/108.1, 108.4
CPC B60B 7/00; B60B 7/02; B60B 7/04; B60B 7/01; B60B 7/06; B60B 3/02; B60B 3/04; B60B 3/06; B60B 3/10; B60B 1/00; B60B 1/08; B60B 1/10; B60B 1/12
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,192,117 A * 3/1993 Kuck 301/108.1
5,234,260 A * 8/1993 Coombes et al. 301/108.1

(Continued)

OTHER PUBLICATIONS

Napa Online, National Oil Seals, Federal-Mogul Corporation, 2004.
http://napapartsfromfederalmogul.com/national/hub_caps.php.

(Continued)

Primary Examiner — Stacia Cadmus

(74) *Attorney, Agent, or Firm* — Perkins Coie LLP

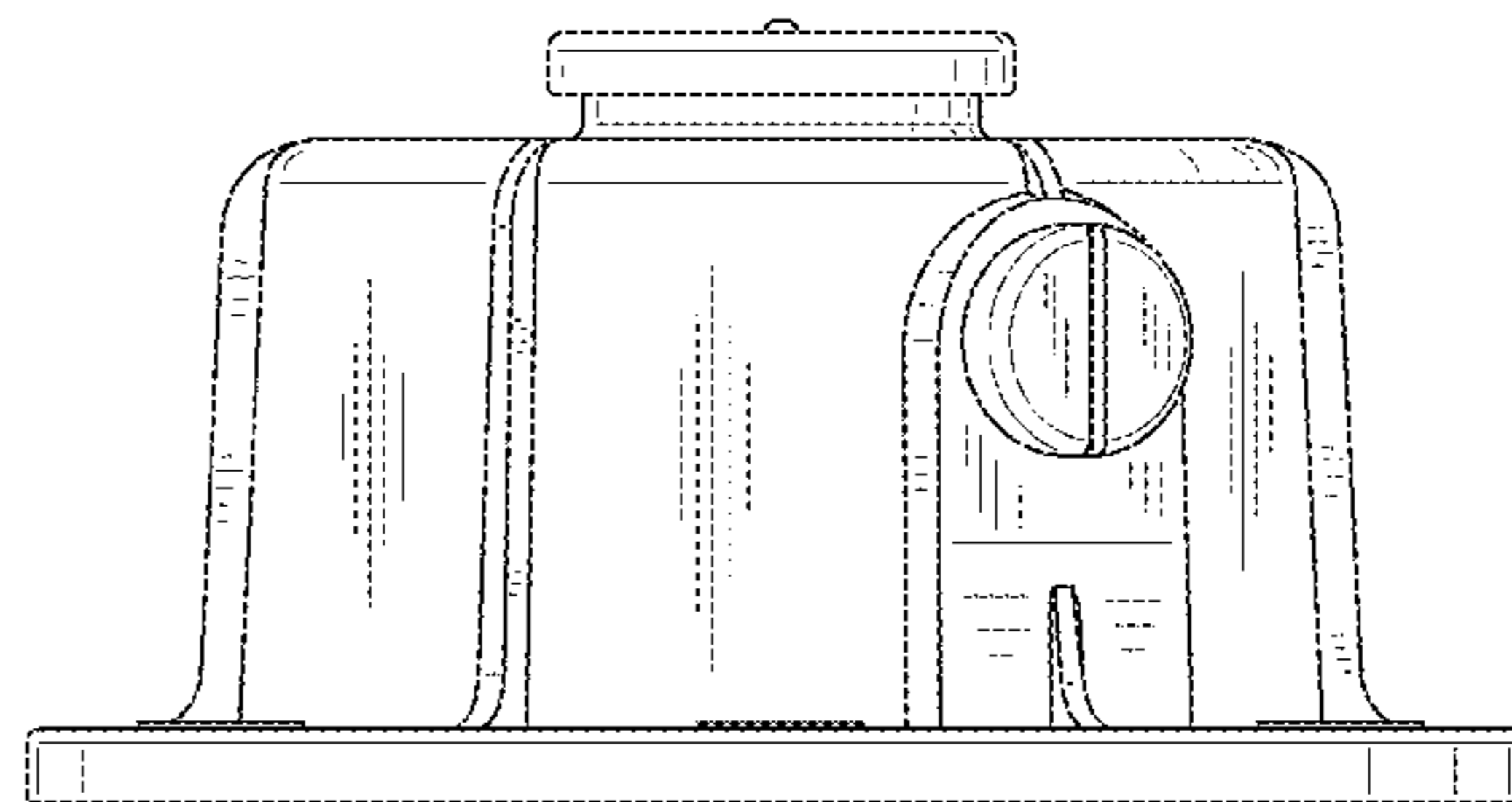
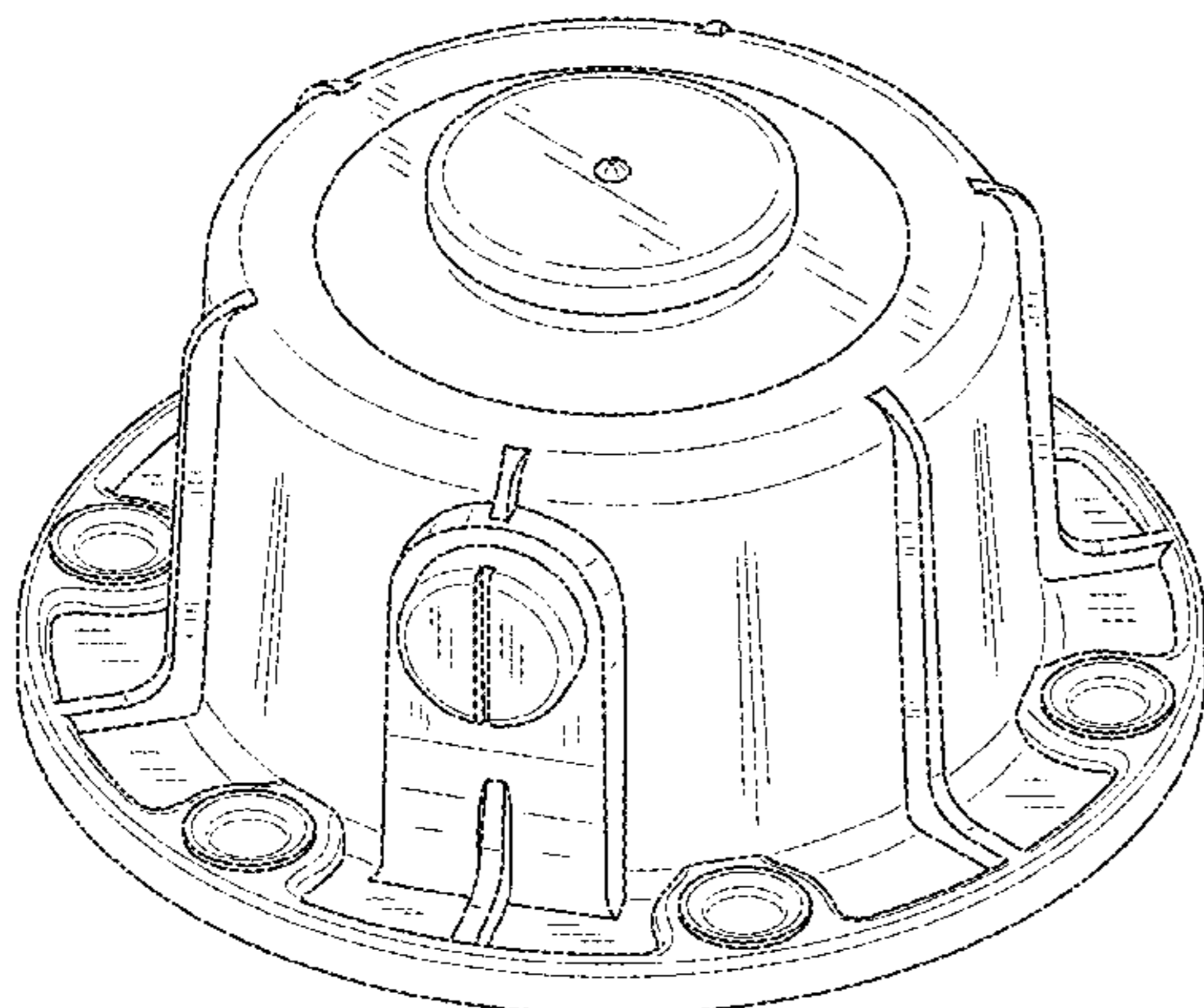
(57) **CLAIM**

The ornamental design for a hub cap, as shown and described.

DESCRIPTION

FIG. 1 is a front perspective view of the hub cap of the present application;
FIG. 2 is a front elevation view of the hub cap of FIG. 1;
FIG. 3 is a rear elevation view of the hub cap of FIG. 1;
FIG. 4 is a right elevation view of the hub cap of FIG. 1;
FIG. 5 is a left elevation view of the hub cap of FIG. 1;
FIG. 6 is a top plan view of the hub cap of FIG. 1;
FIG. 7 is a bottom plan view of the hub cap of FIG. 1;
FIG. 8 is a front perspective view of a second embodiment of a hub cap of the present application;
FIG. 9 is a front elevation view of the hub cap of FIG. 8;
FIG. 10 is a rear elevation view of the hub cap of FIG. 8;
FIG. 11 is a right elevation view of the hub cap of FIG. 8;
FIG. 12 is a left elevation view of the hub cap of FIG. 8;
FIG. 13 is a top plan view of the hub cap of FIG. 8;
FIG. 14 is a bottom plan view of the hub cap of FIG. 8;
FIG. 15 is a front perspective view of a third embodiment of a hub cap of the present application;
FIG. 16 is a front elevation view of the hub cap of FIG. 15;
FIG. 17 is a rear elevation view of the hub cap of FIG. 15;
FIG. 18 is a right elevation view of the hub cap of FIG. 15;
FIG. 19 is a left elevation view of the hub cap of FIG. 15;
FIG. 20 is a top plan view of the hub cap of FIG. 15, and, FIG. 21 is a bottom plan view of the hub cap of FIG. 15.
The broken line showing of the interior surfaces of the hub cap in FIGS. 7, 14 and 21 is included for the purpose of illustrating unclaimed subject matter and forms no part of the claimed design.

1 Claim, 15 Drawing Sheets



(56)

References Cited

D662,869 S * 7/2012 Ballard D12/213

U.S. PATENT DOCUMENTS

OTHER PUBLICATIONS

D367,838 S * 3/1996 Snook D12/207
D450,290 S * 11/2001 Schardt D12/213
D470,447 S * 2/2003 Orey D12/207
D498,198 S * 11/2004 Buma D12/213
D498,447 S * 11/2004 Kato D12/207
7,131,705 B1 * 11/2006 DelVecchio et al. 301/108.4
D538,733 S * 3/2007 McMath D12/213
D583,290 S * 12/2008 Wang D12/207

SKF Group, Hubcaps, PUB SE/P8 06720/2 EN, May 2013.
SKF Group, Hub caps, <http://www.skf.com/group/products/seals/automotive-seals/wheel-end/hub-caps/index.html>, accessed Aug. 20, 2013.
Stemco LP, Product Overview, 2012. <http://www.stemco.com/products/product-overview/>.

* cited by examiner

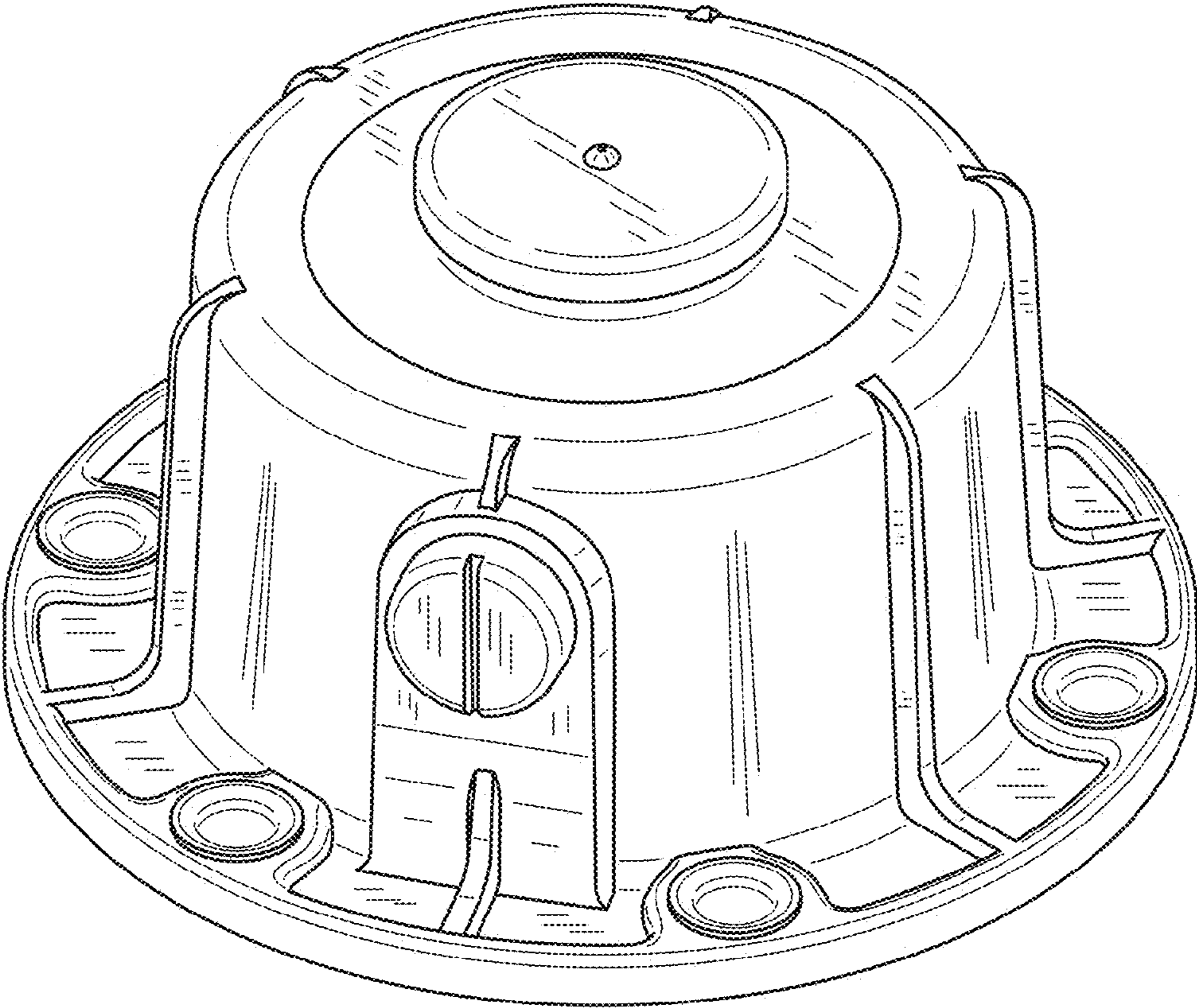


FIG.1

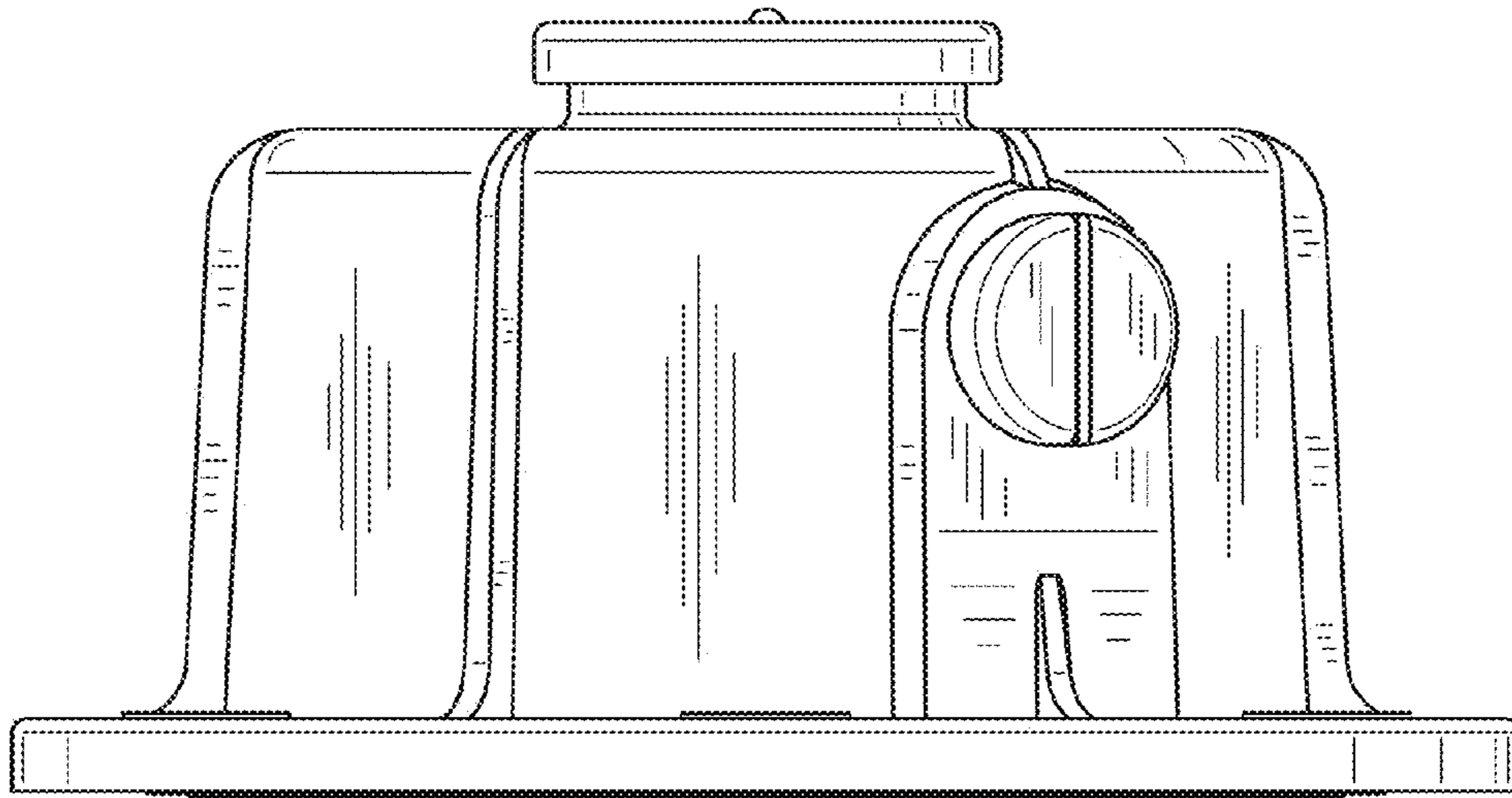


FIG. 2

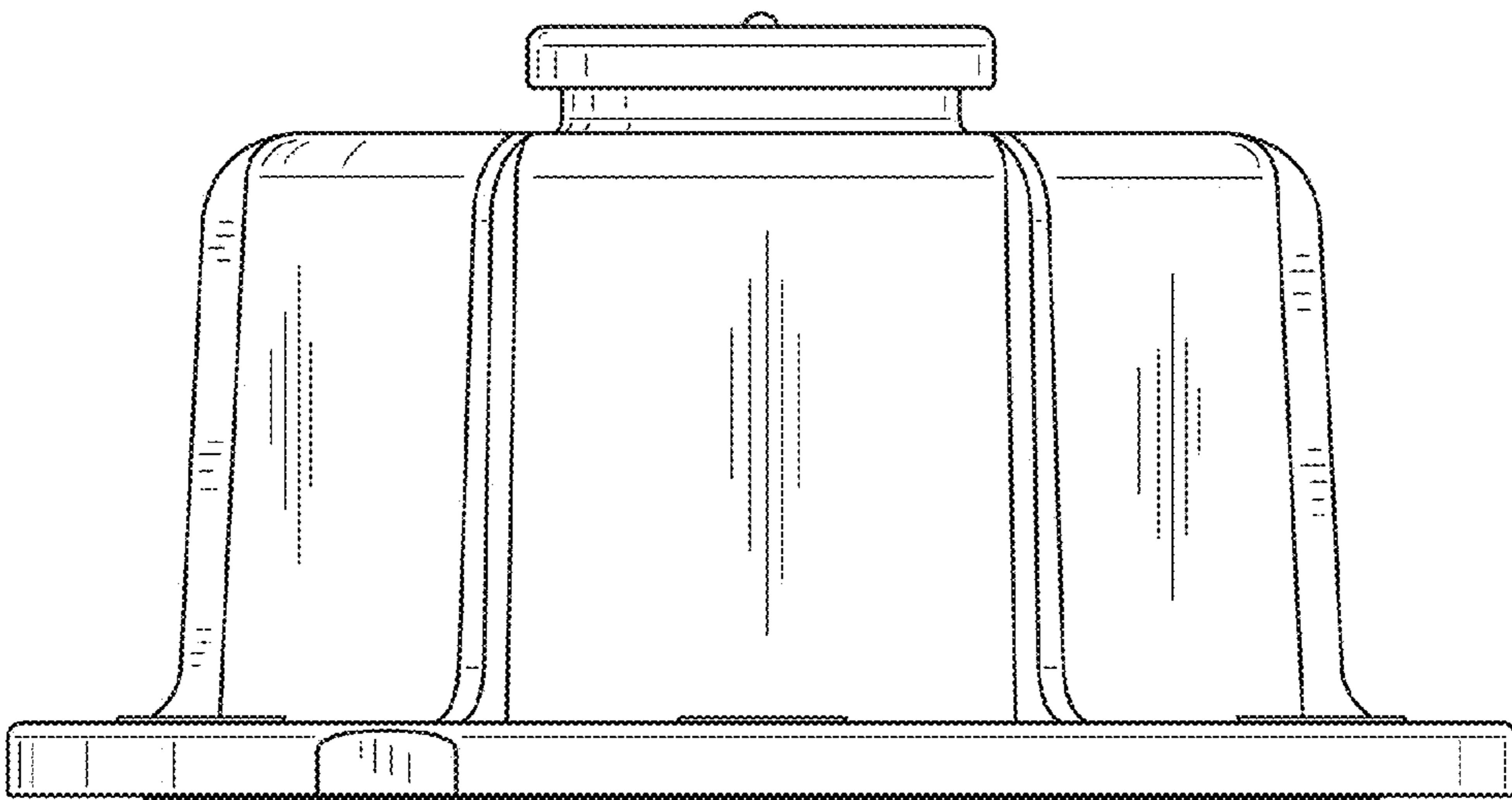


FIG. 3

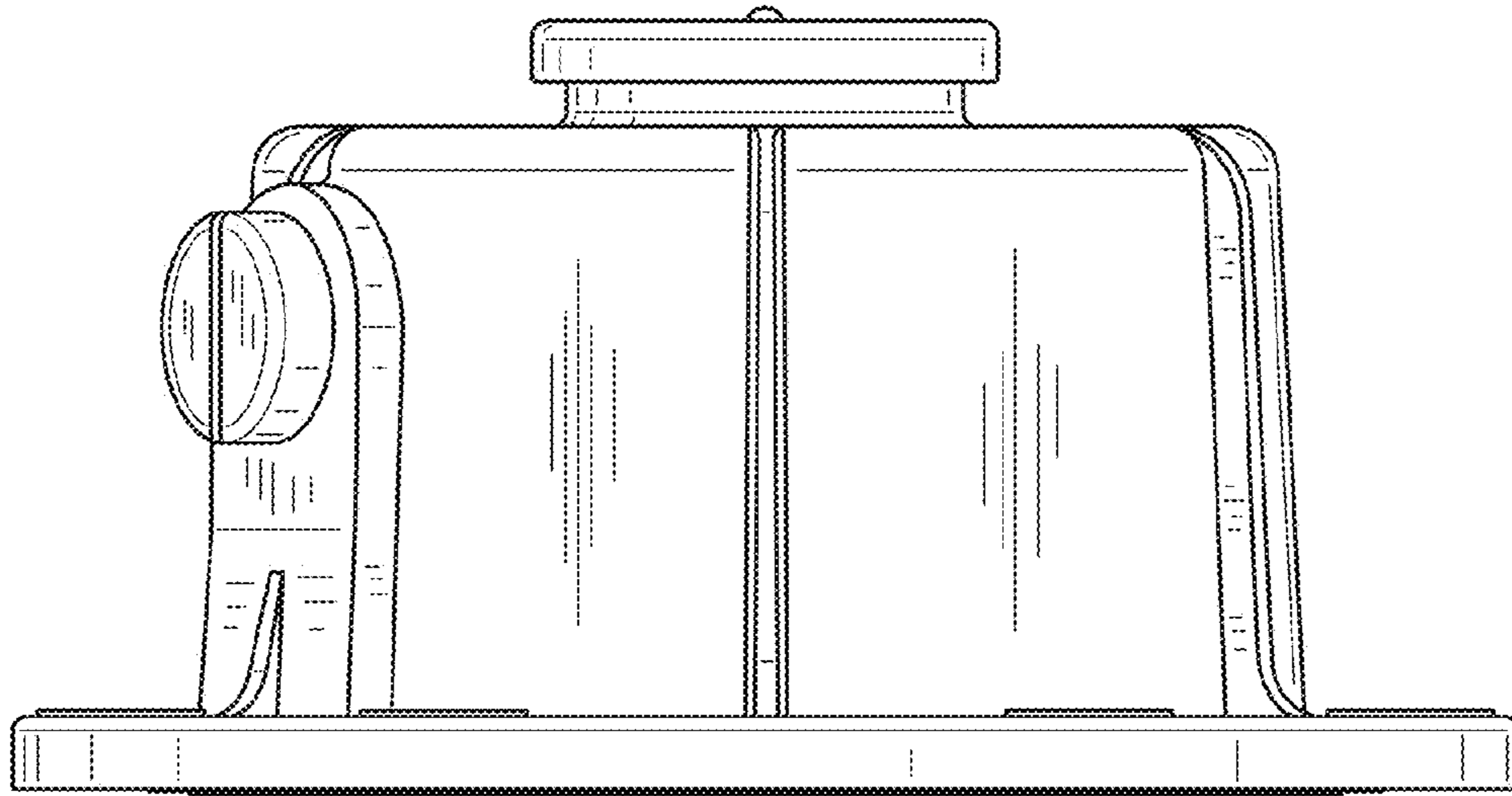


FIG. 4

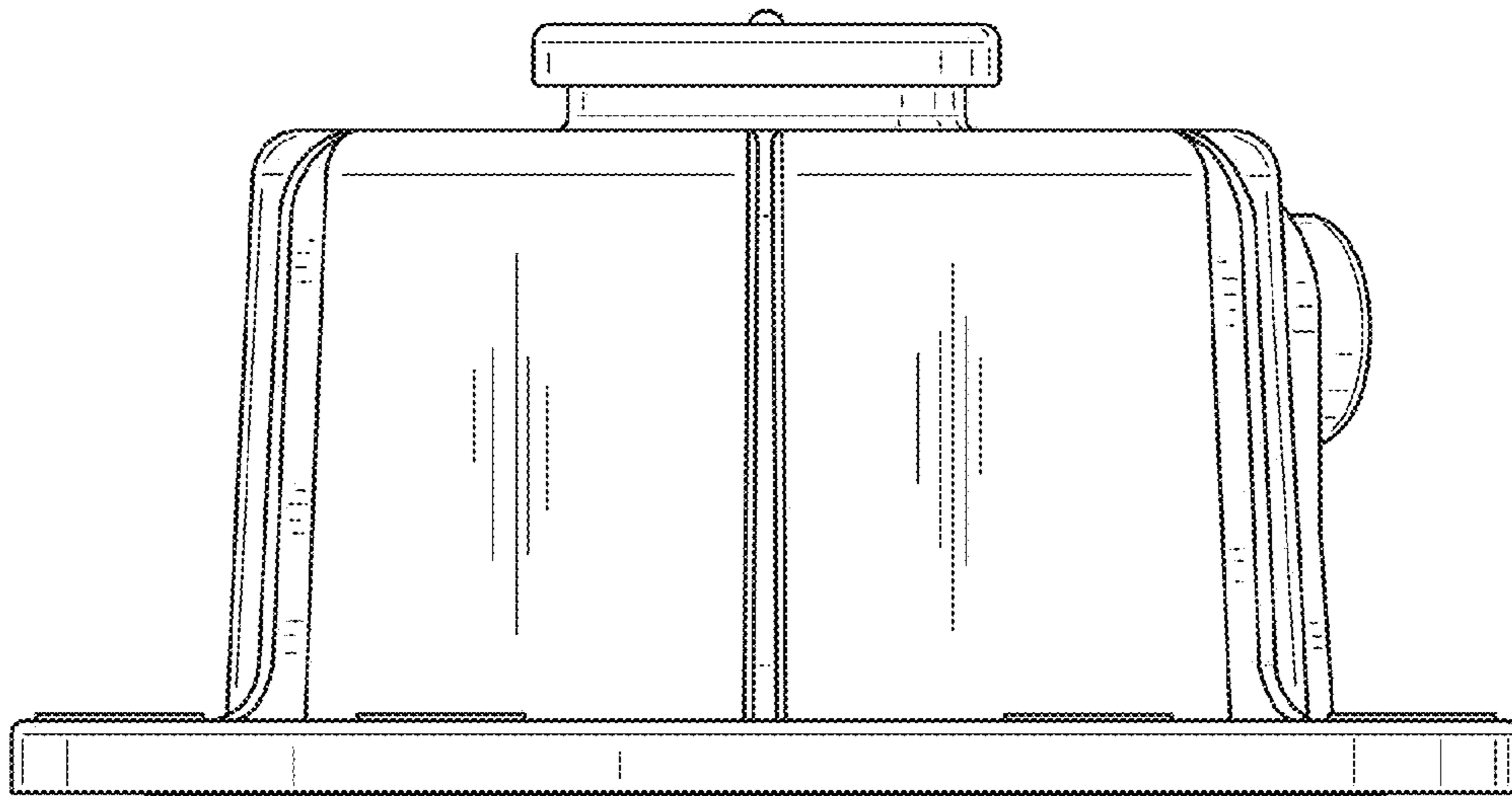


FIG. 5

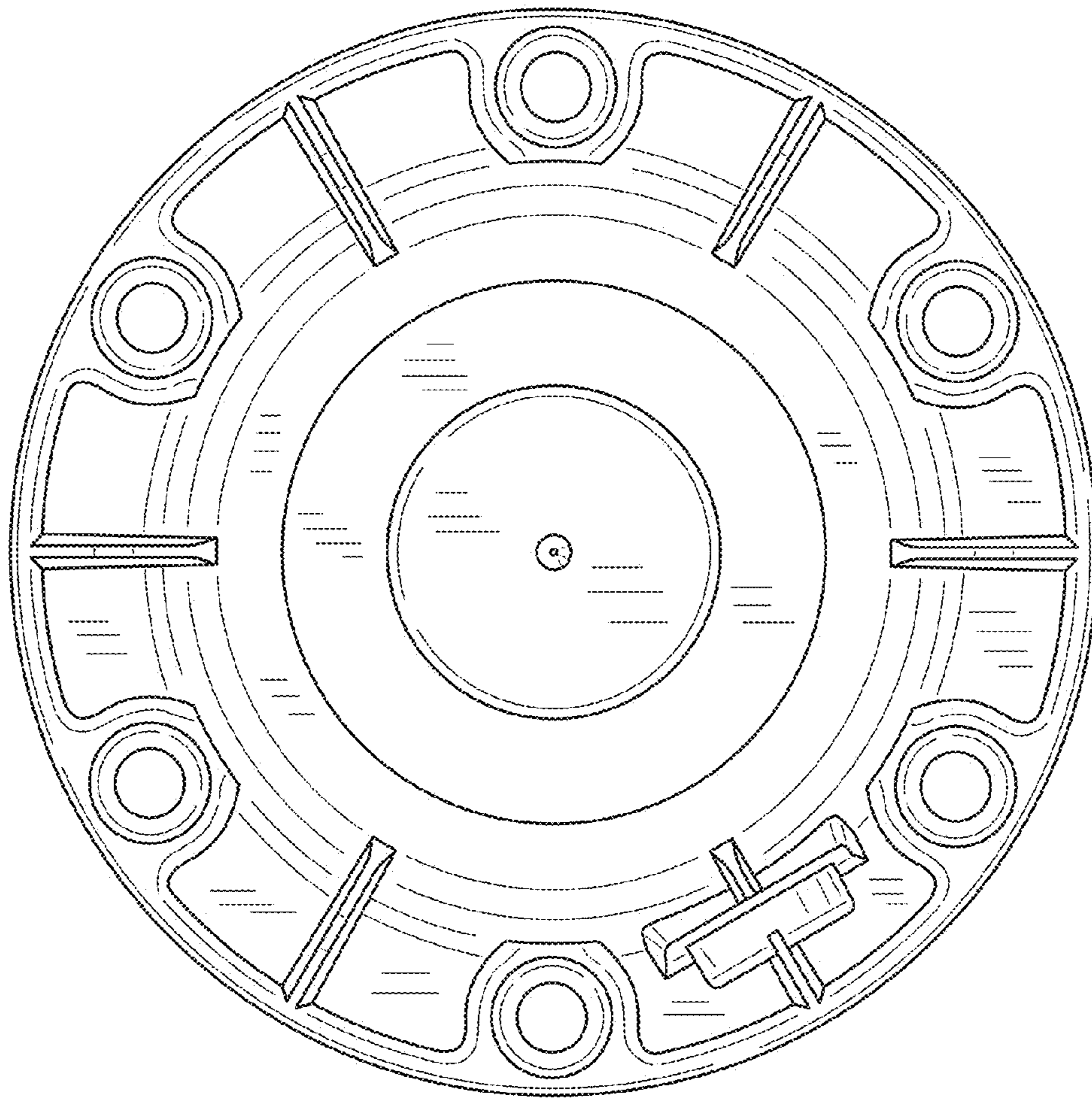


FIG.6

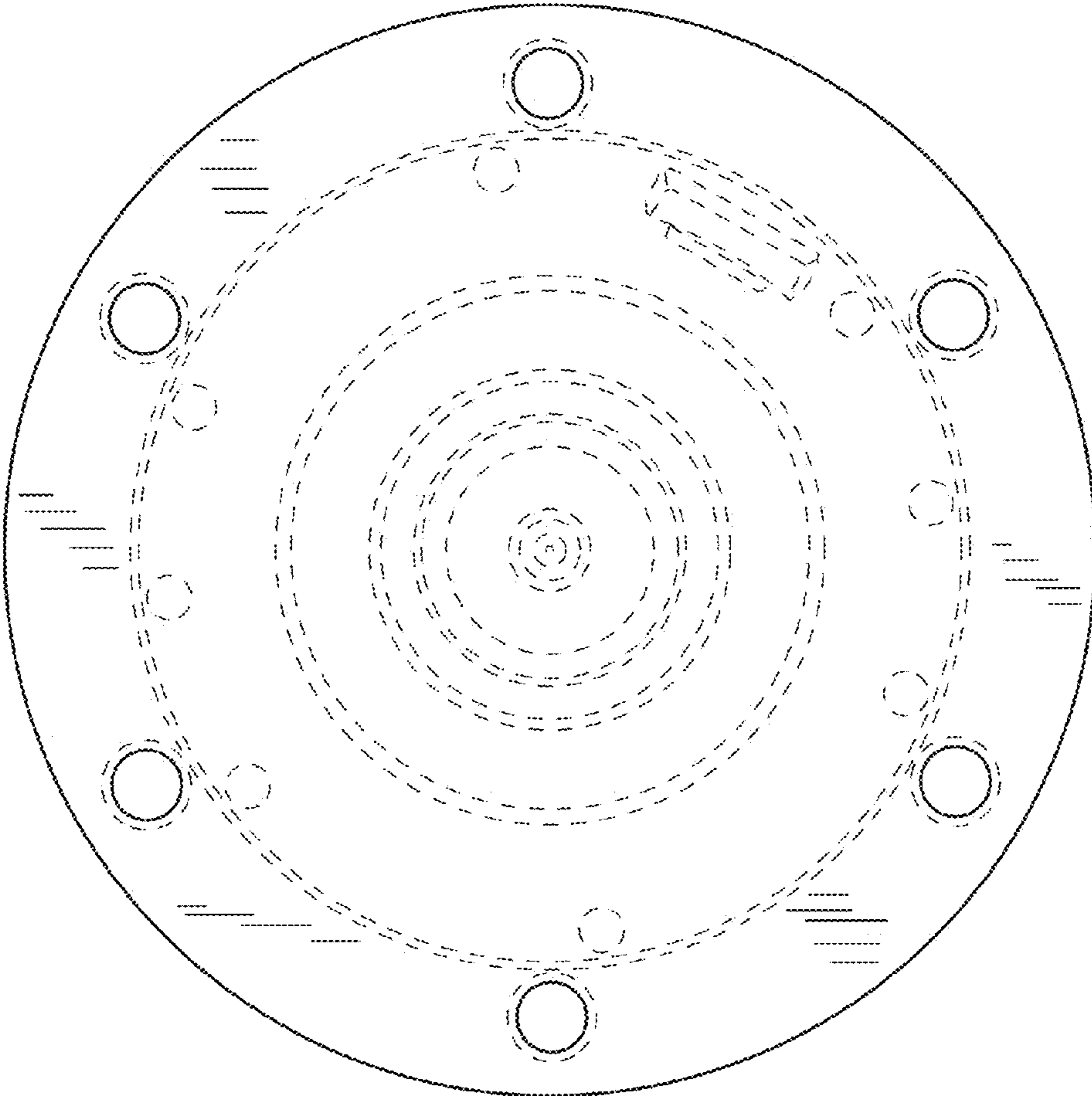


FIG.7

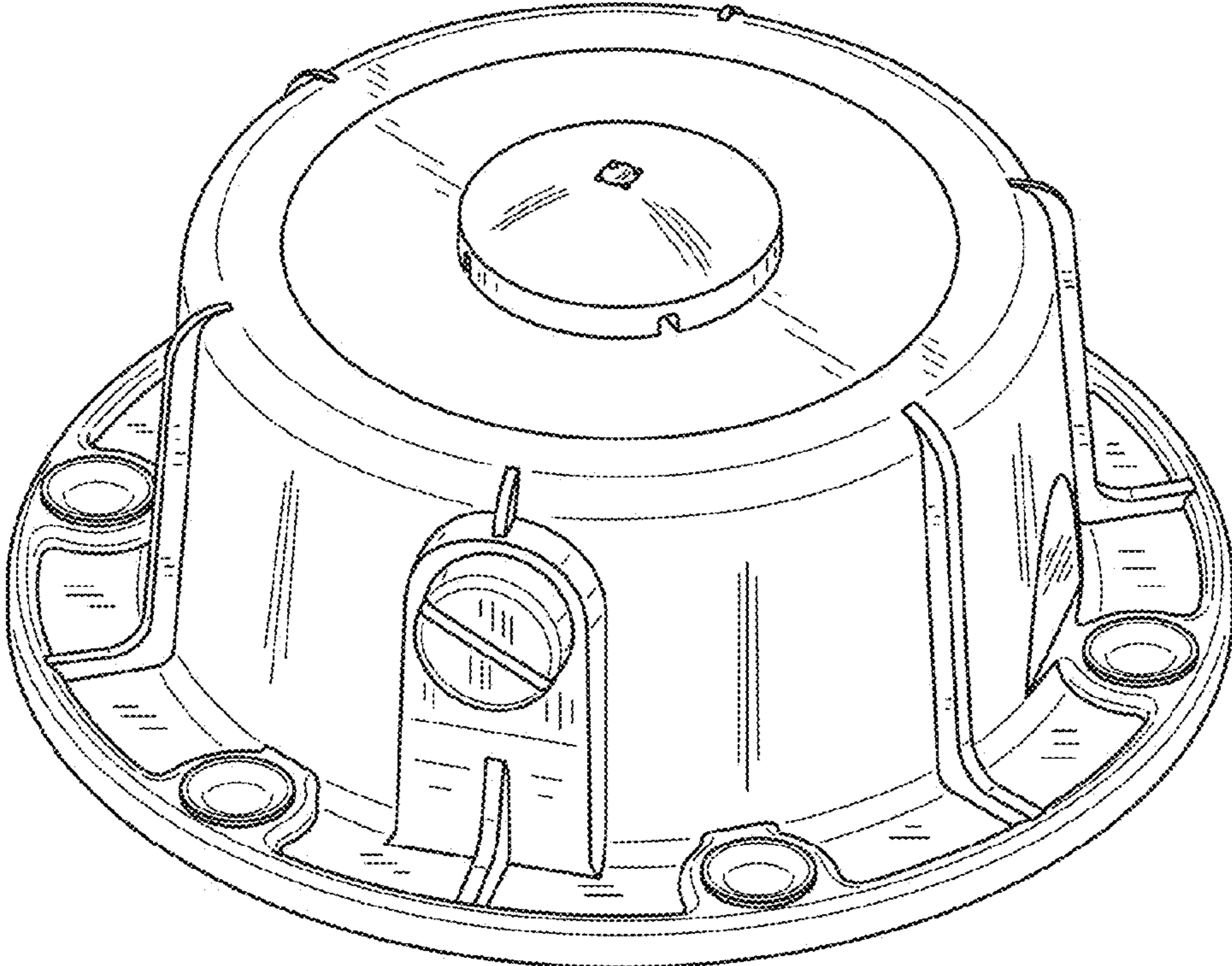


FIG.8

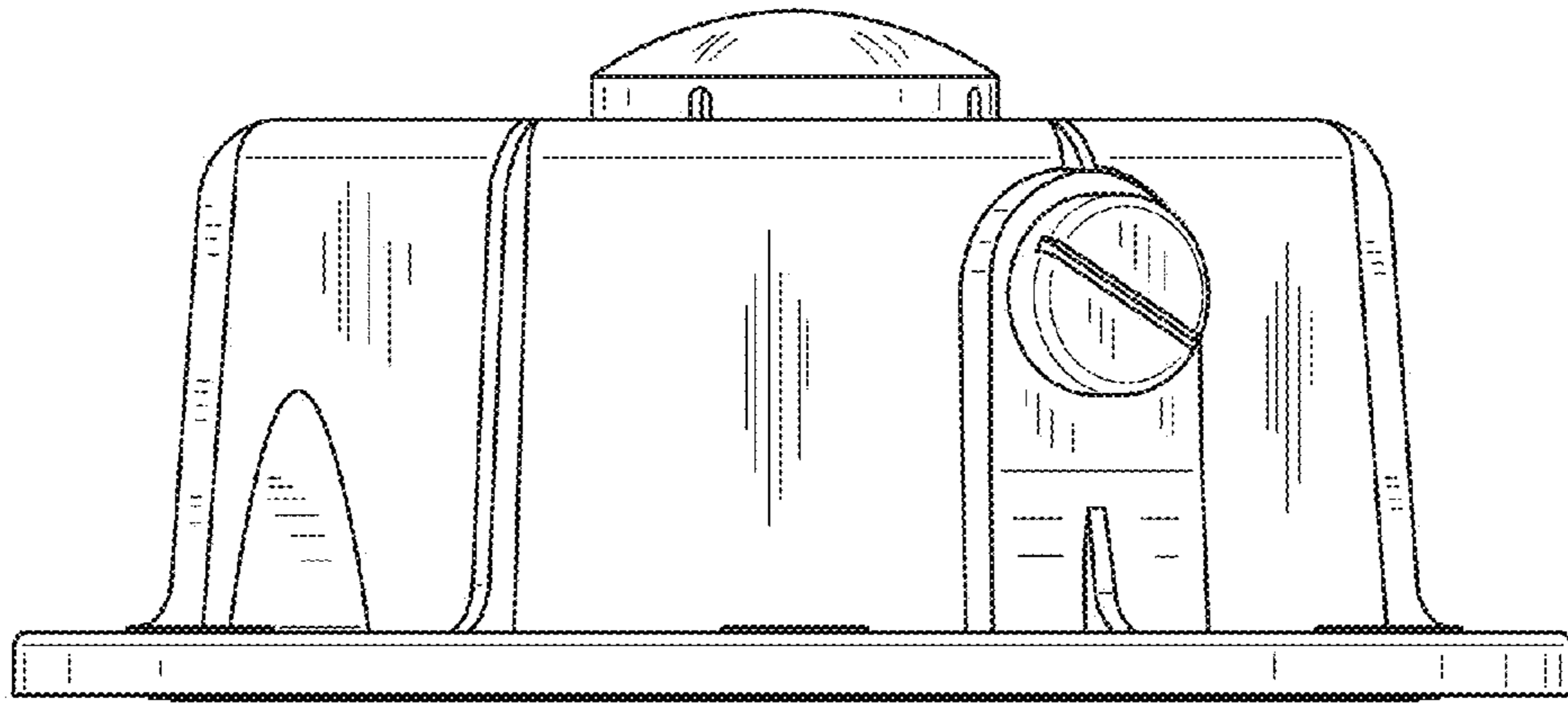


FIG. 9

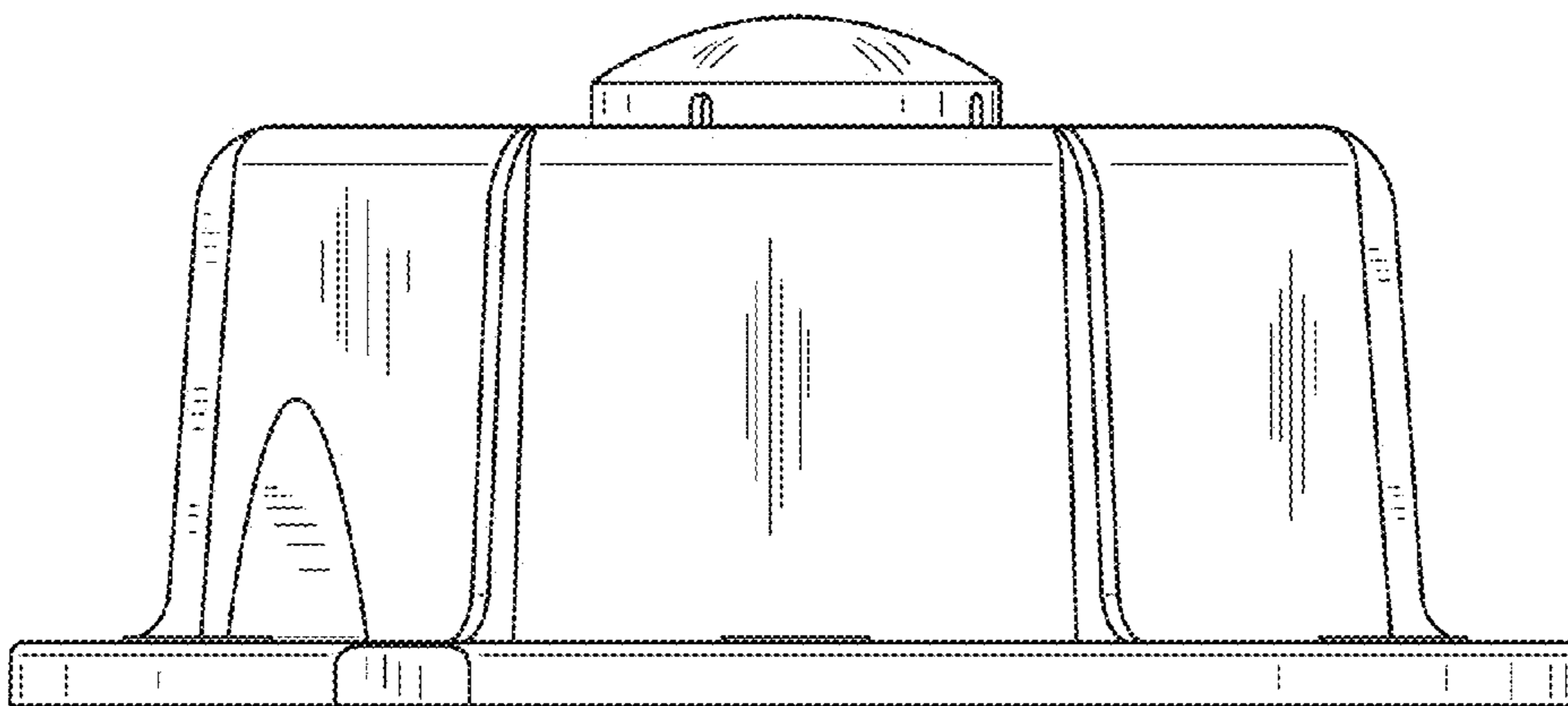


FIG. 10

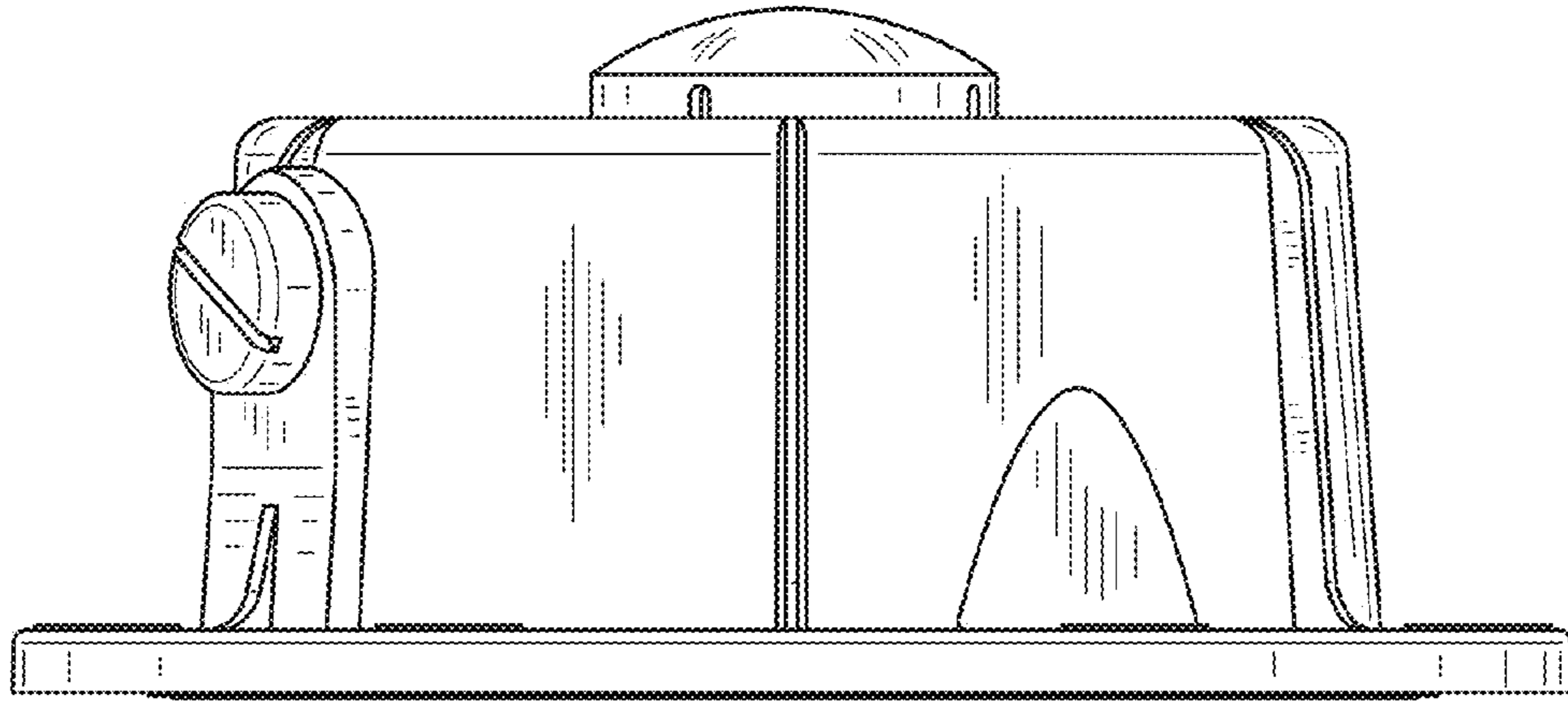


FIG. 11

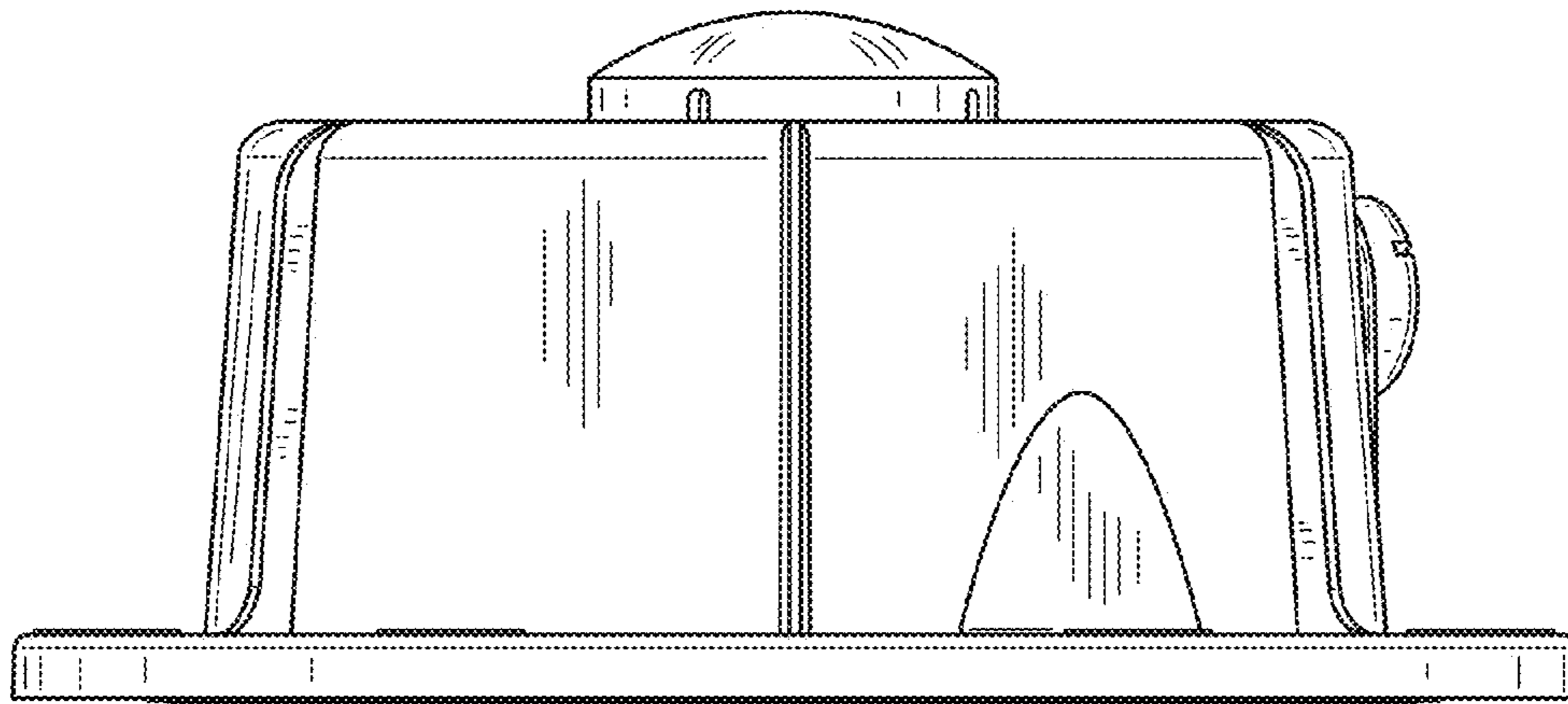


FIG. 12

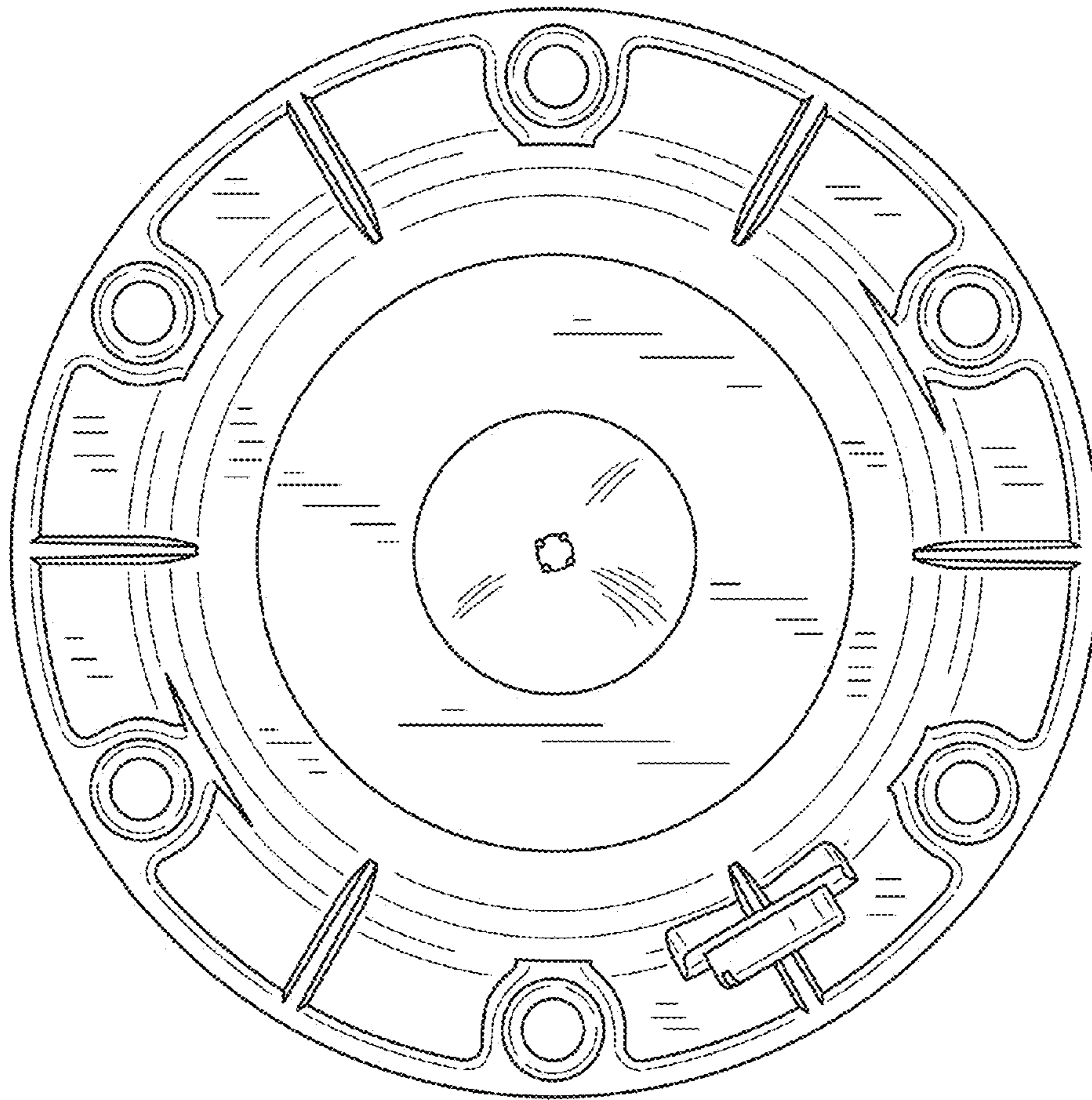


FIG.13

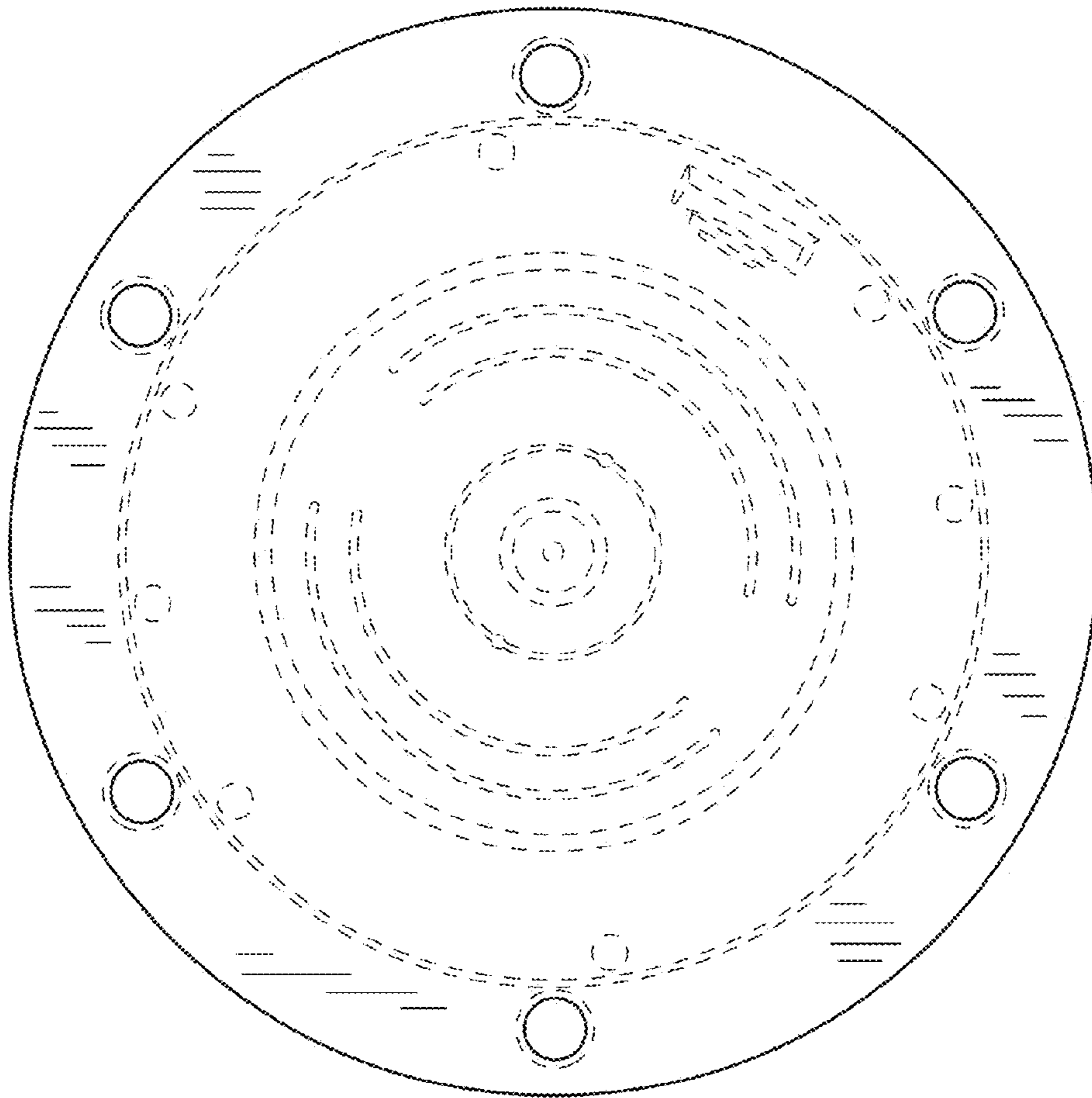


FIG. 14

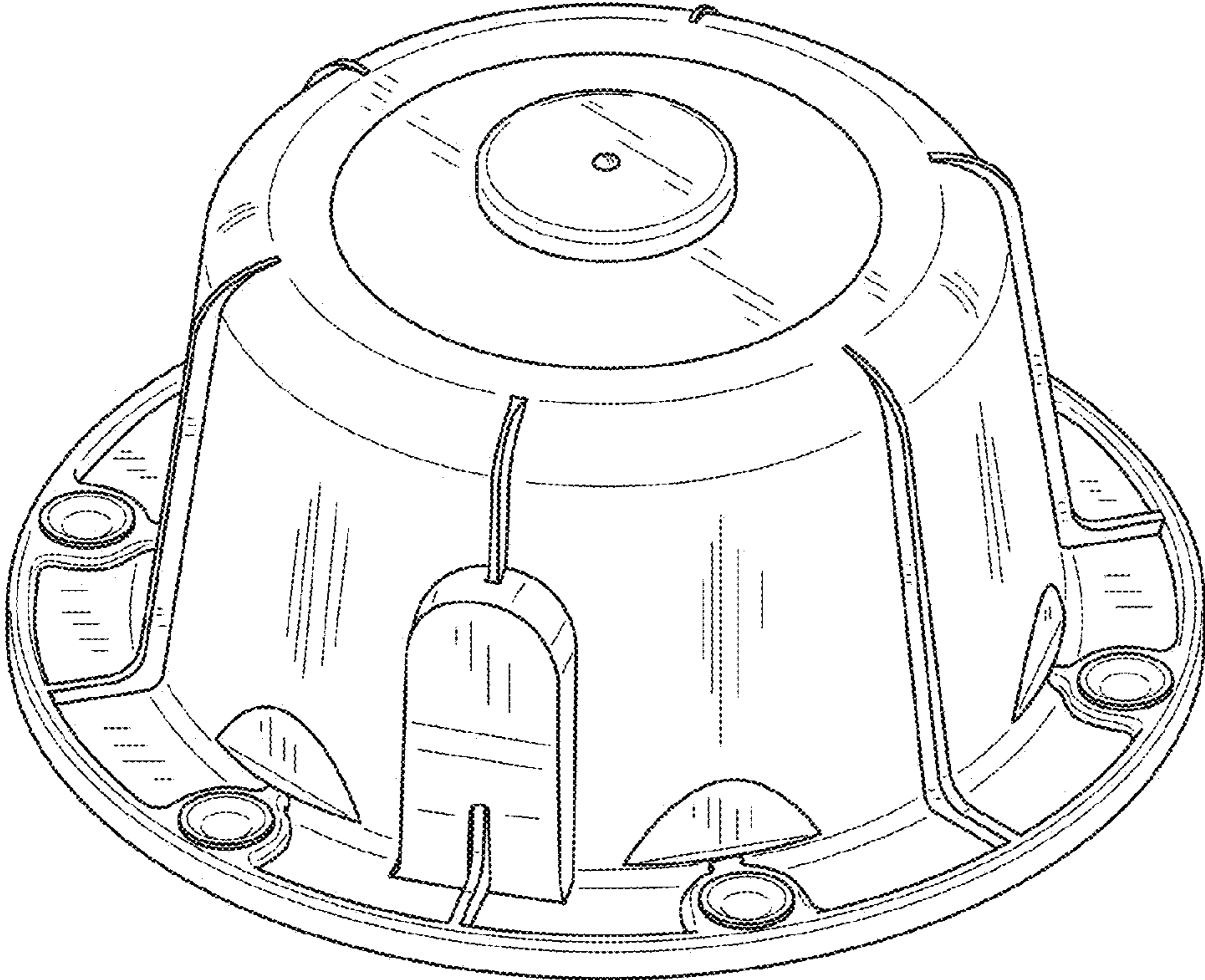


FIG.15

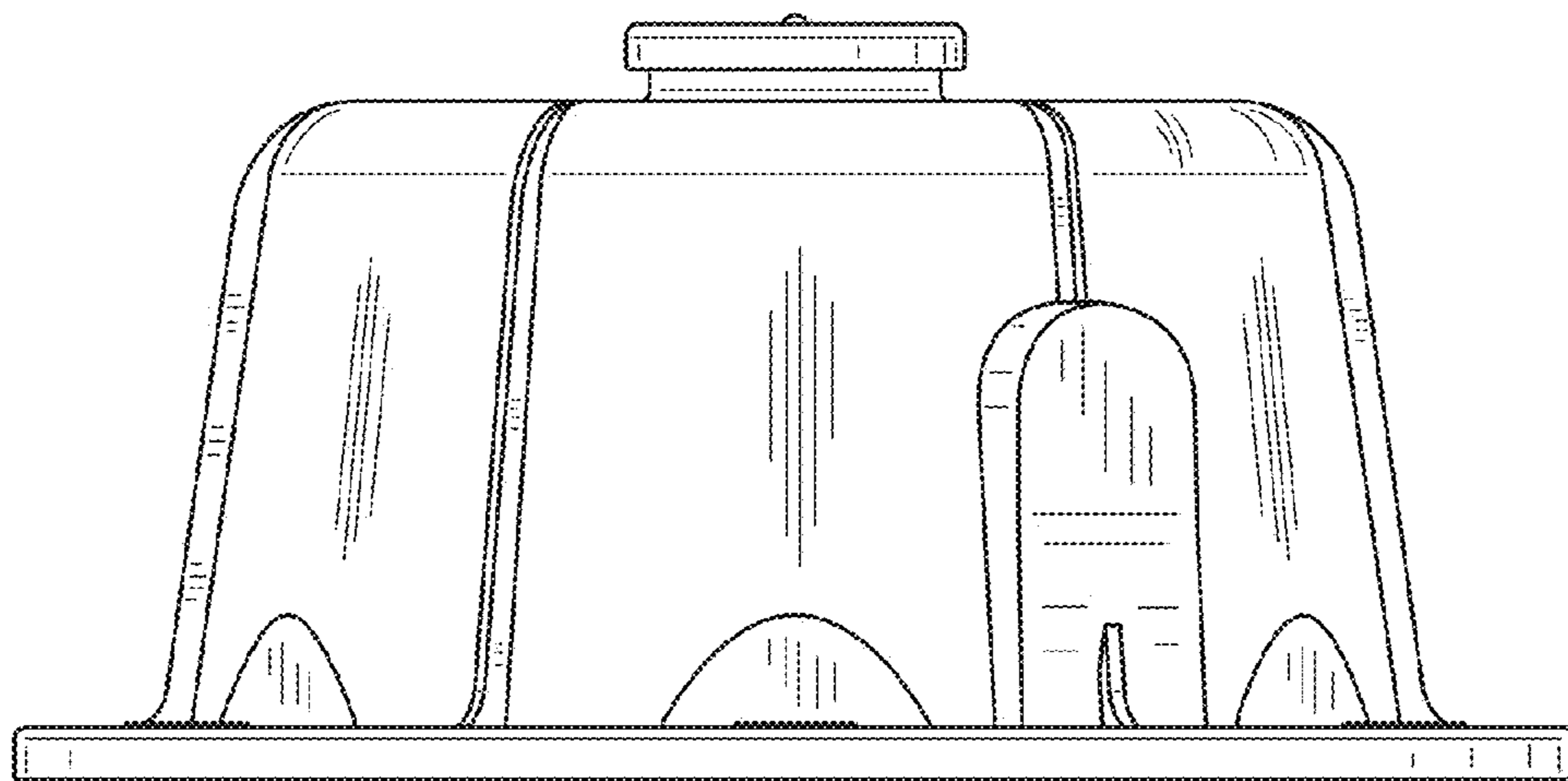


FIG. 16

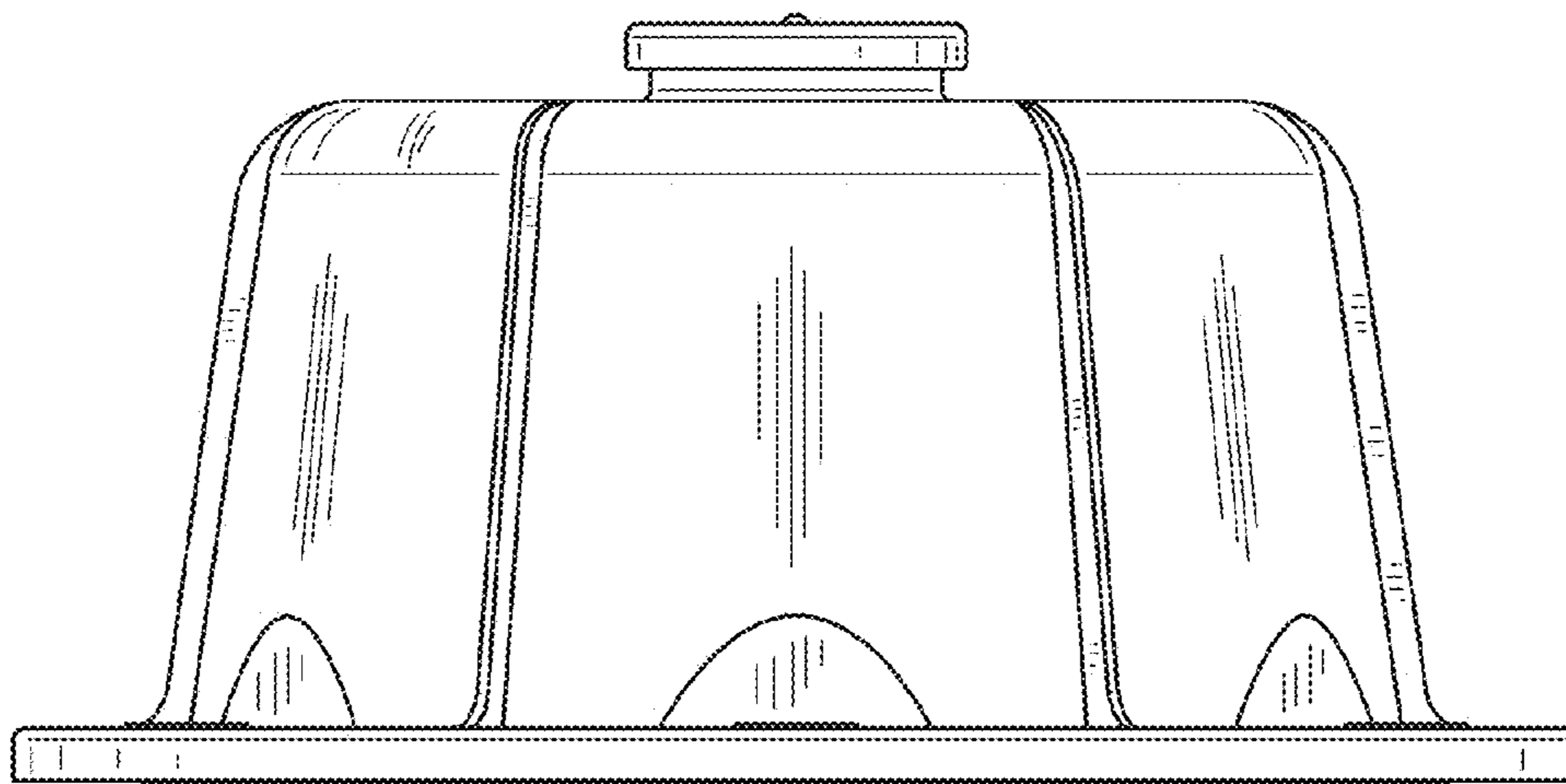


FIG. 17

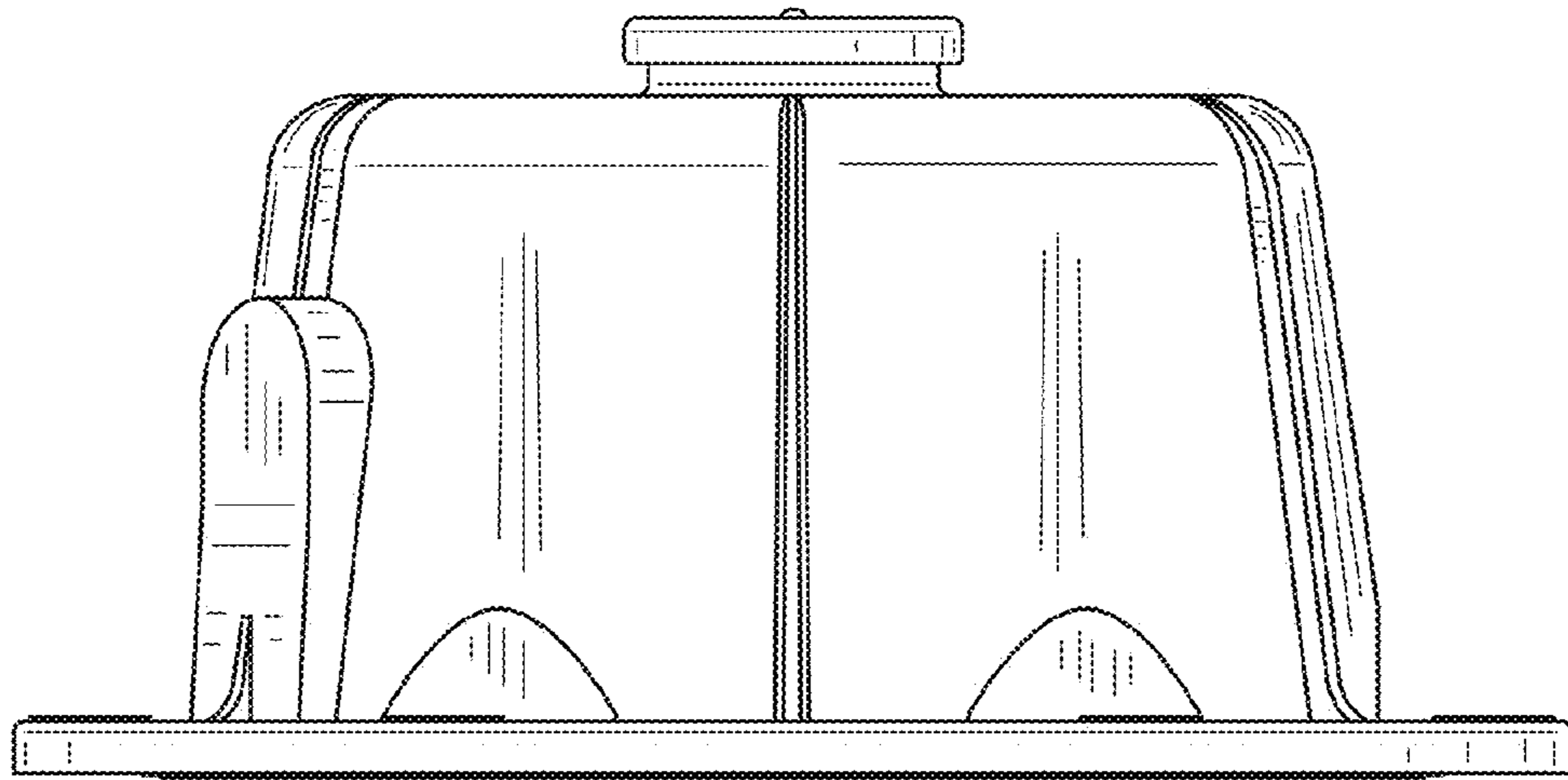


FIG. 18

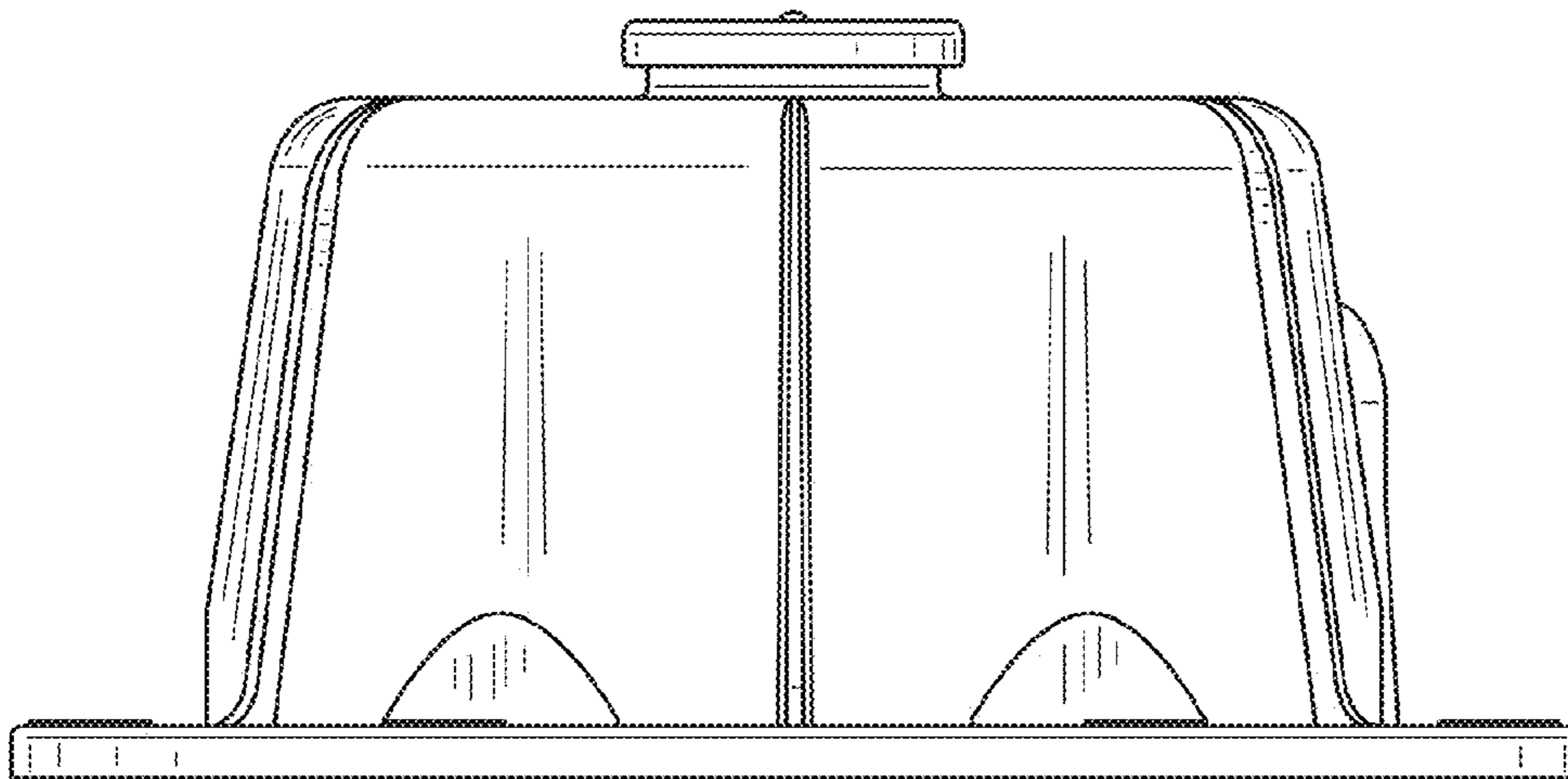


FIG. 19

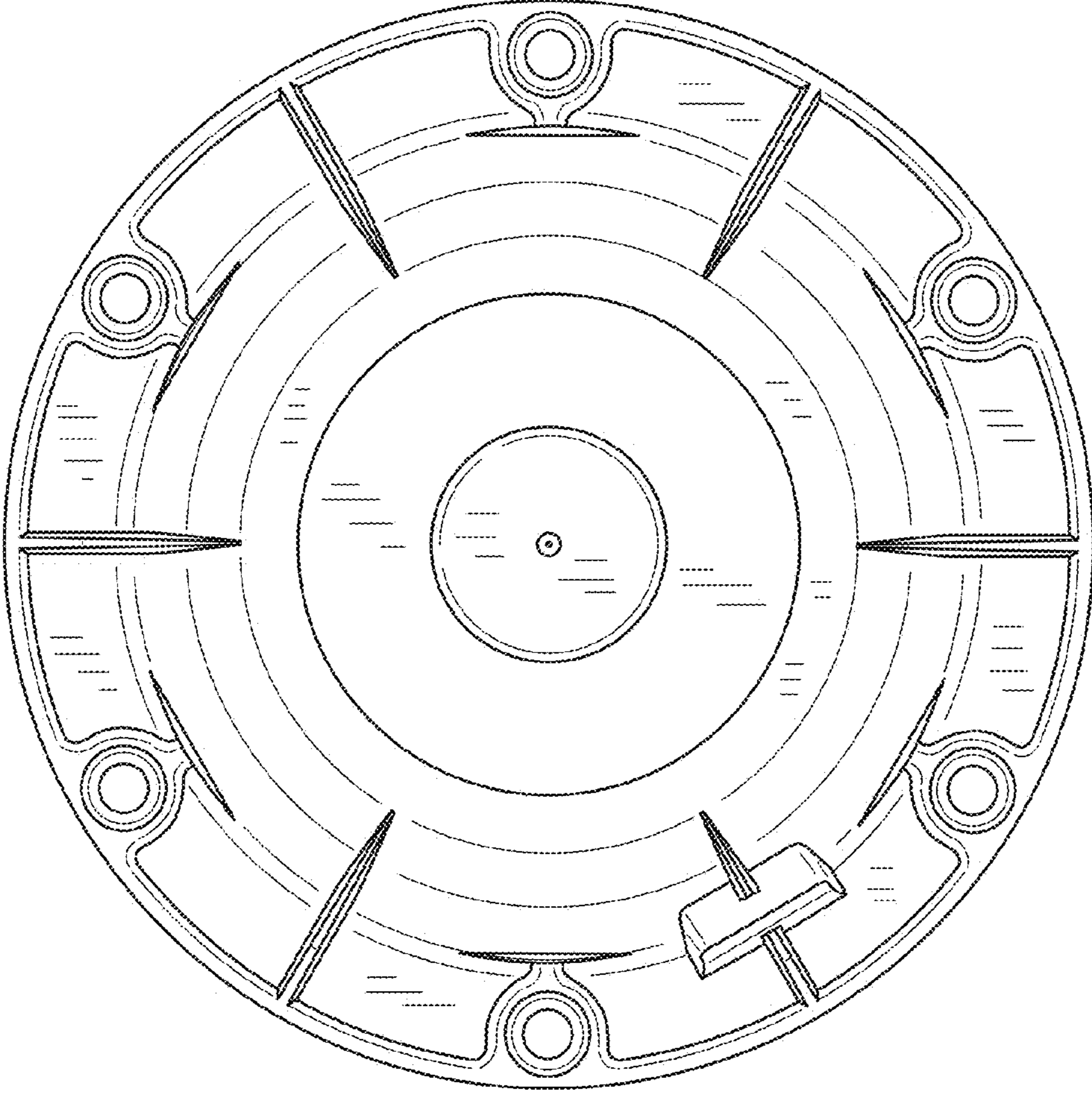


FIG.20

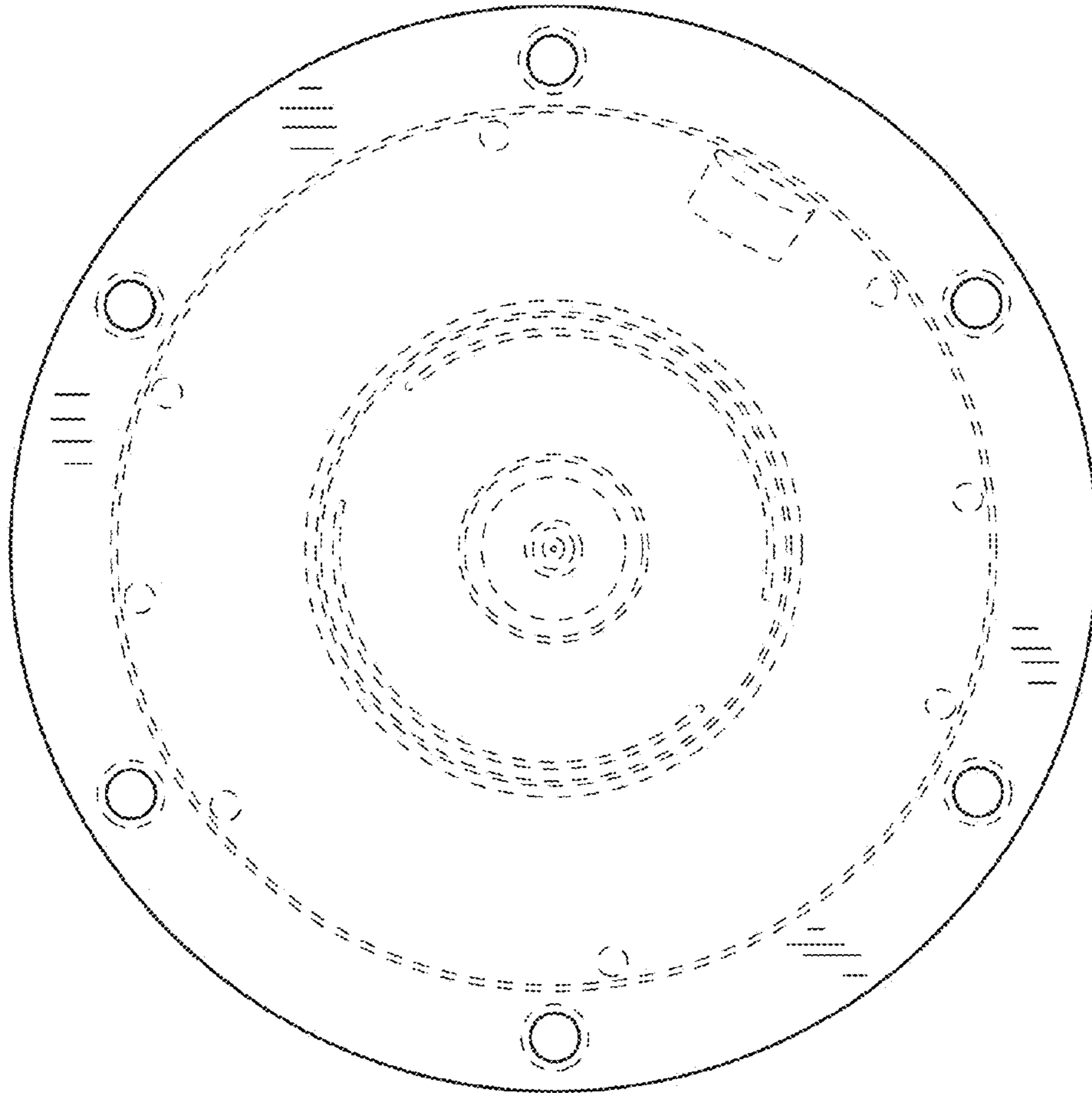


FIG.21