

US00D797929S

(12) **United States Design Patent** (10) **Patent No.:** **US D797,929 S**
Davis et al. (45) **Date of Patent:** **** Sep. 19, 2017**

(54) **TIP CAP FOR FLUID DELIVERY DEVICE**

FOREIGN PATENT DOCUMENTS

(71) Applicant: **NEOMED, INC.**, Woodstock, GA (US)

JP H10297655 A 11/1998
WO 2008128074 A2 10/2008
WO 2014049097 A1 4/2014

(72) Inventors: **Benjamin Martin Davis**, Woodstock, GA (US); **Aaron N. Ingram**, Canton, GA (US); **Mark M. Costello**, Co. Mayo (IE)

OTHER PUBLICATIONS

(73) Assignee: **NEOMED, INC.**, Woodstock, GA (US)

Baxa Self-Righting Luer Tip Caps; www.iso-med.com; 1 pg; date unknown.

(**) Term: **15 Years**

(Continued)

(21) Appl. No.: **29/533,173**

Primary Examiner — Richelle G Shelton

(22) Filed: **Jul. 15, 2015**

(74) *Attorney, Agent, or Firm* — Gardner Groff
Greenwald & Villanueva, PC

Related U.S. Application Data

(63) Continuation-in-part of application No. 29/521,665, filed on Mar. 25, 2015.

(57) **CLAIM**

The ornamental design for a tip cap for fluid delivery device, as shown and described.

(51) **LOC (10) Cl.** **24-99**

DESCRIPTION

(52) **U.S. Cl.**

USPC **D24/130**

(58) **Field of Classification Search**

USPC D24/129, 130; D9/453

CPC A61J 1/1412; A61J 1/1418; A61J 1/1425;
A61J 1/1431

See application file for complete search history.

FIG. 1 is a top perspective view of a tip cap for fluid delivery device according to an embodiment of the design;

FIG. 2 is a front elevation view thereof, the rear, left and right side elevation views being identical;

FIG. 3 is a top plan view thereof; and

FIG. 4 is a bottom plan view thereof.

FIG. 5 is a bottom perspective view of the tip cap for fluid delivery device according to another embodiment of the design;

FIG. 6 is a front elevation view thereof, the rear, left and right side elevation views being identical;

FIG. 7 is a top plan view thereof; and,

FIG. 8 is bottom plan view thereof.

The broken lines immediately adjacent the shaded areas represent the bounds of the claimed design while all other broken lines are directed to portions of the article excluded from the claim. The broken lines from no part of the claimed design.

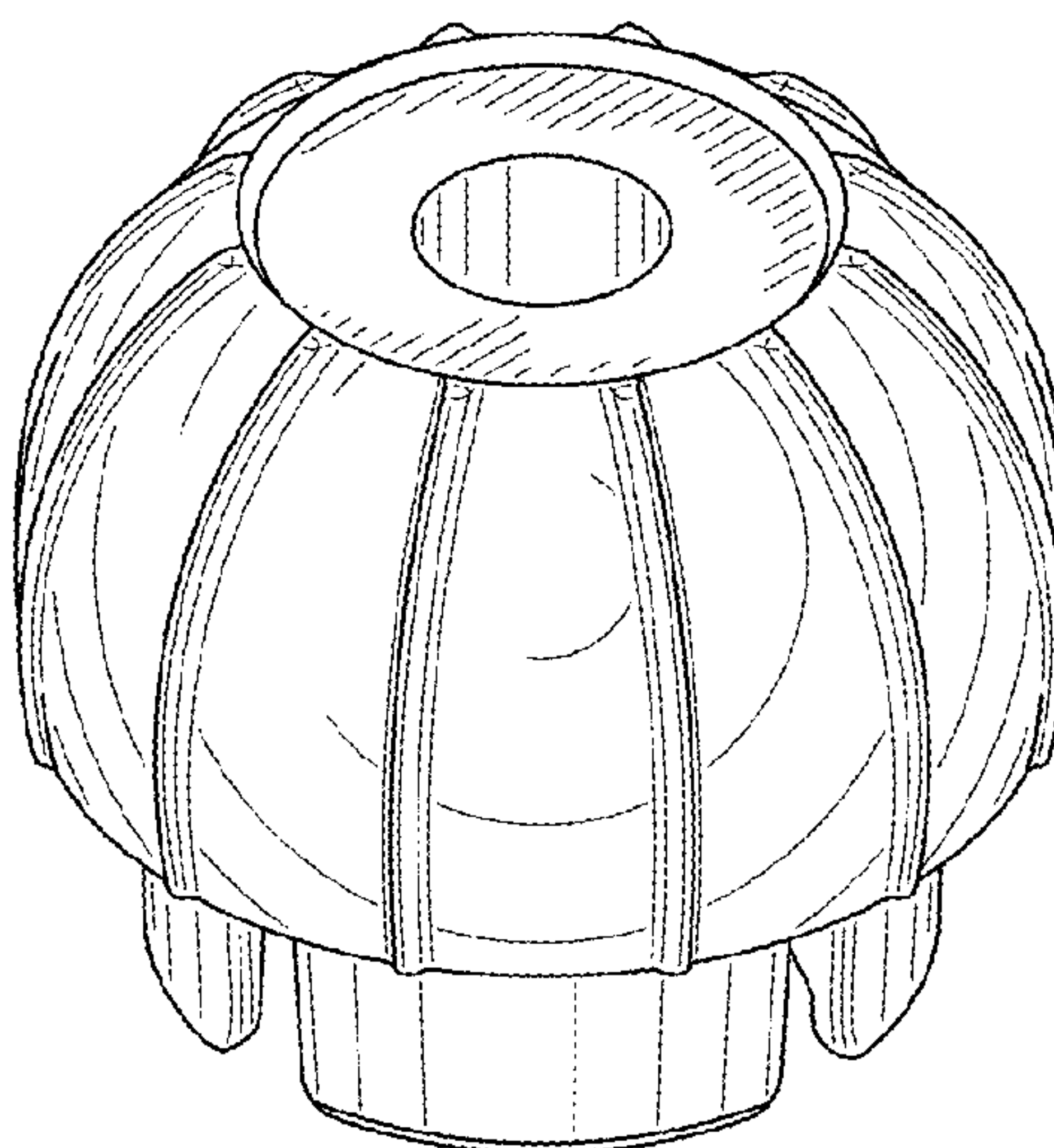
(56) **References Cited**

U.S. PATENT DOCUMENTS

3,344,786 A 10/1967 Berg et al.
3,712,749 A 1/1973 Roberts
3,937,211 A 2/1976 Merten
4,043,334 A 8/1977 Brown et al.
4,286,591 A 9/1981 Raines
D309,710 S 8/1990 Groves
D310,028 S 8/1990 Brandt et al.
D378,233 S 2/1997 Warner
5,797,885 A 8/1998 Rubin
D432,916 S 10/2000 Drinkwater et al.

(Continued)

1 Claim, 2 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

6,749,092 B2 6/2004 Olechowski et al.
D547,657 S * 7/2007 Tacchella D9/454
D596,487 S 7/2009 Batton et al.
D602,355 S 10/2009 Waaland
D617,187 S 6/2010 Murray
8,099,932 B2 1/2012 Peacop et al.
8,343,041 B2 1/2013 Byers et al.
D682,688 S 5/2013 Murray
D684,055 S 6/2013 Kwon
D684,057 S 6/2013 Kwon
D686,495 S 7/2013 Murray
8,528,757 B2 9/2013 Bisio
D692,143 S * 10/2013 Shahidi Bonjar D24/112
D705,061 S 5/2014 Jo et al.
D710,695 S 8/2014 Pritikin
D712,744 S 9/2014 Neputy et al.
D713,247 S 9/2014 Webster et al.
D715,143 S 10/2014 Hewitt et al.
D715,146 S 10/2014 Holmes
D726,308 S 4/2015 Shubin, Sr. et al.

9,016,473 B2 4/2015 Tamarindo
D731,647 S 6/2015 Nishioka et al.
D735,038 S 7/2015 Tamarindo
D741,996 S 10/2015 Strong et al.
D759,486 S * 6/2016 Ingram D9/453
2010/0252564 A1 * 10/2010 Martinez A21C 15/005
220/796
2016/0067422 A1 * 3/2016 Davis A61M 5/3202
604/192

OTHER PUBLICATIONS

NeoMed Self-Righting Tip Cap; 1 pg; 2008.
Comar Tip Caps; 1 pg; date unknown.
International Search Report & Written Opinion for PCT/US2015/048380; 10 pgs; Oct. 29, 2015.
New ISO Tubing Connector Standards: A Follow-Up to the Sentinel Event Alert Webinar PowerPoint Presentation; www.jointcommission.org; 50 pgs; Dec. 3, 2014.
New Tube Feeding Connectors Webinar PowerPoint Presentation; www.oley.org; 24 pgs; Jun. 24, 2014.

* cited by examiner

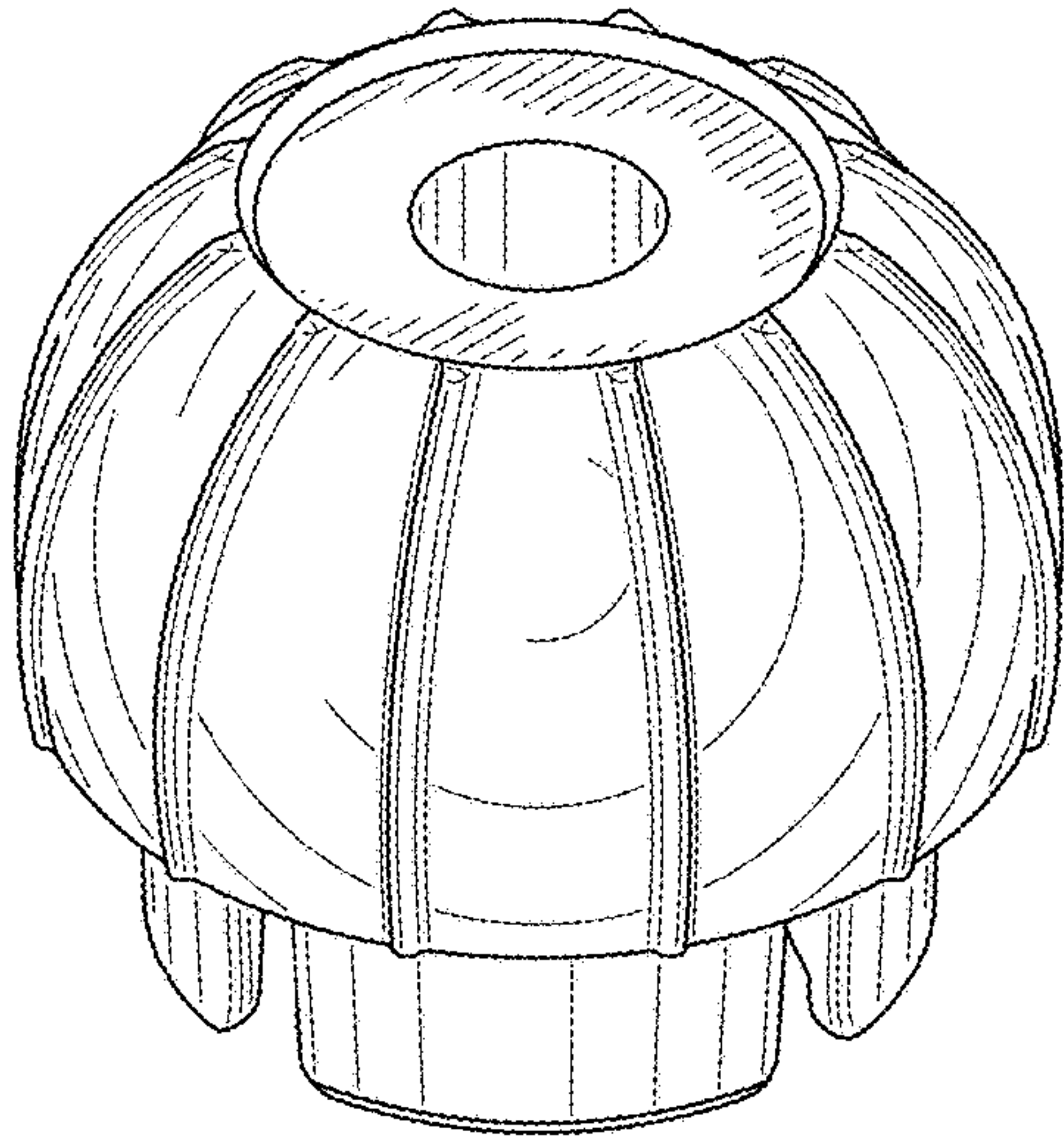


FIG. 1

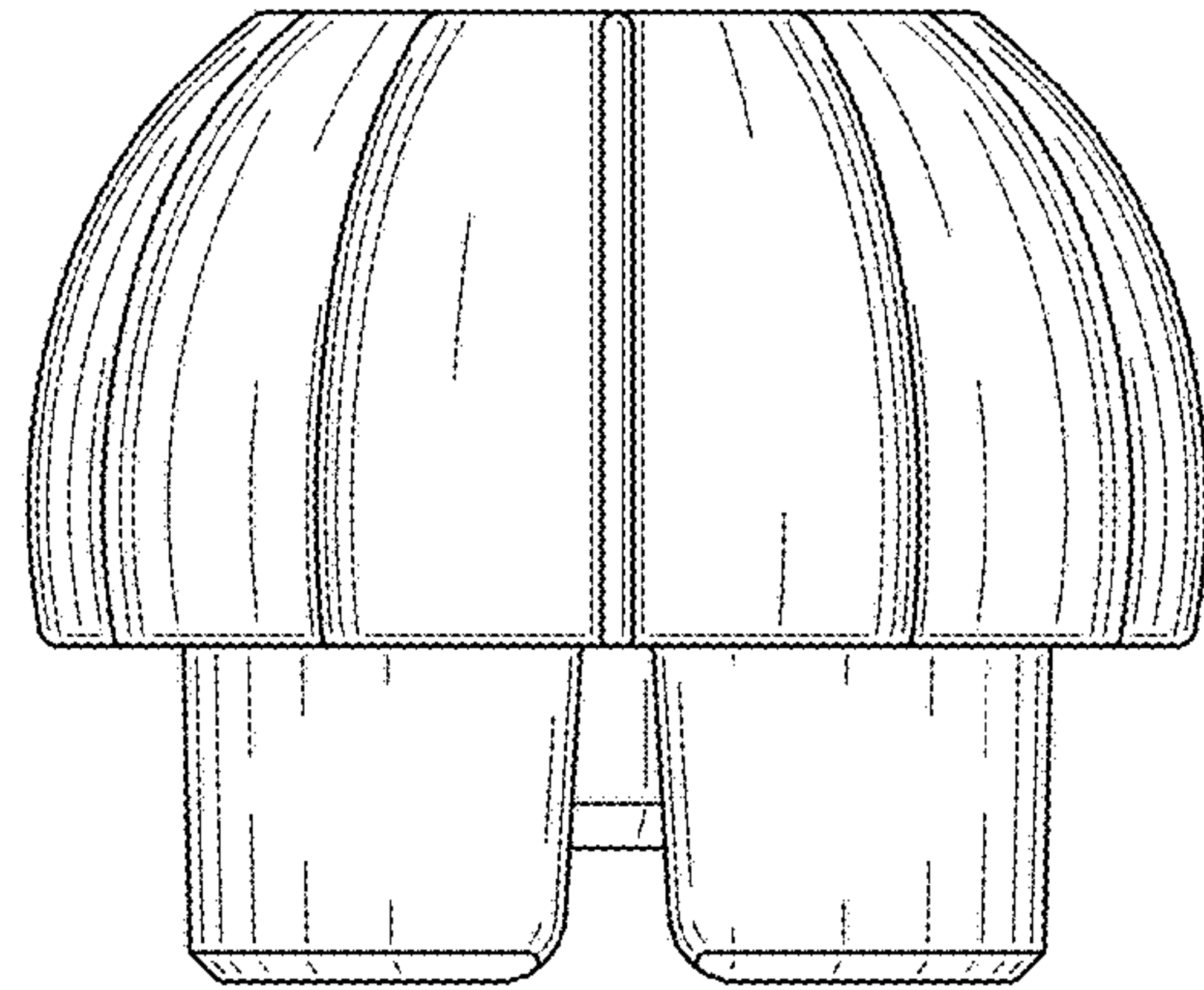


FIG. 2

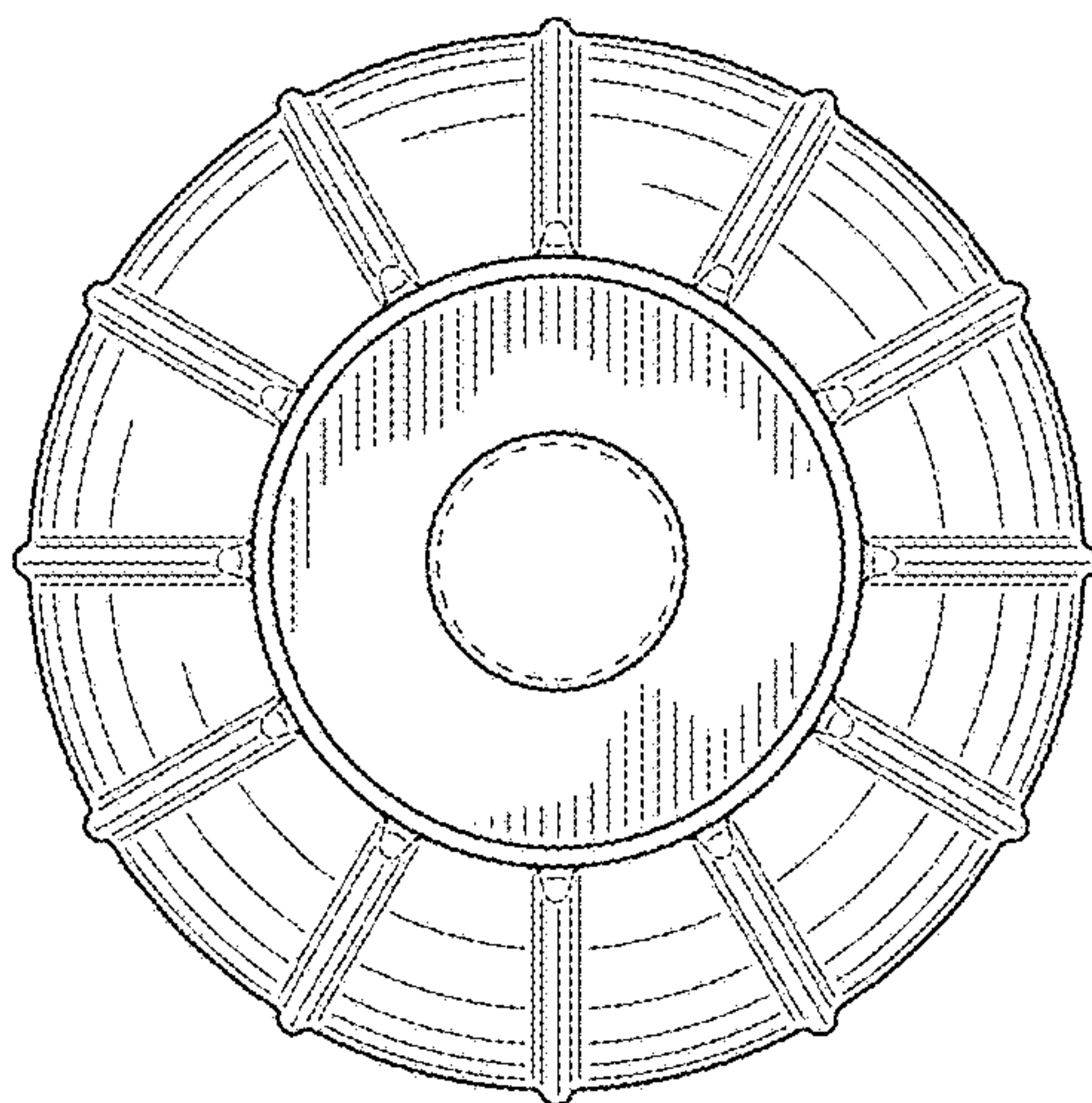


FIG. 3

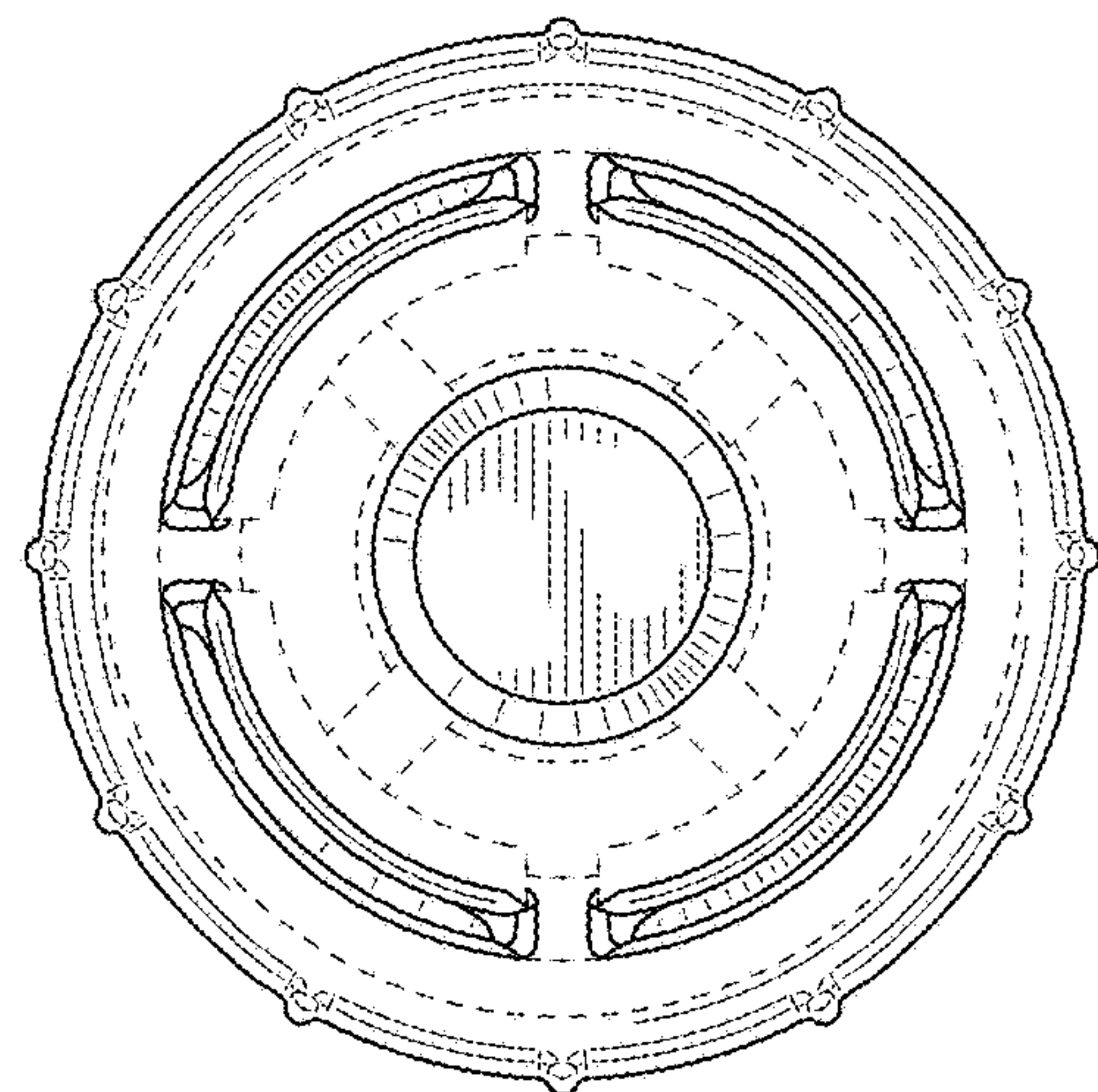


FIG. 4

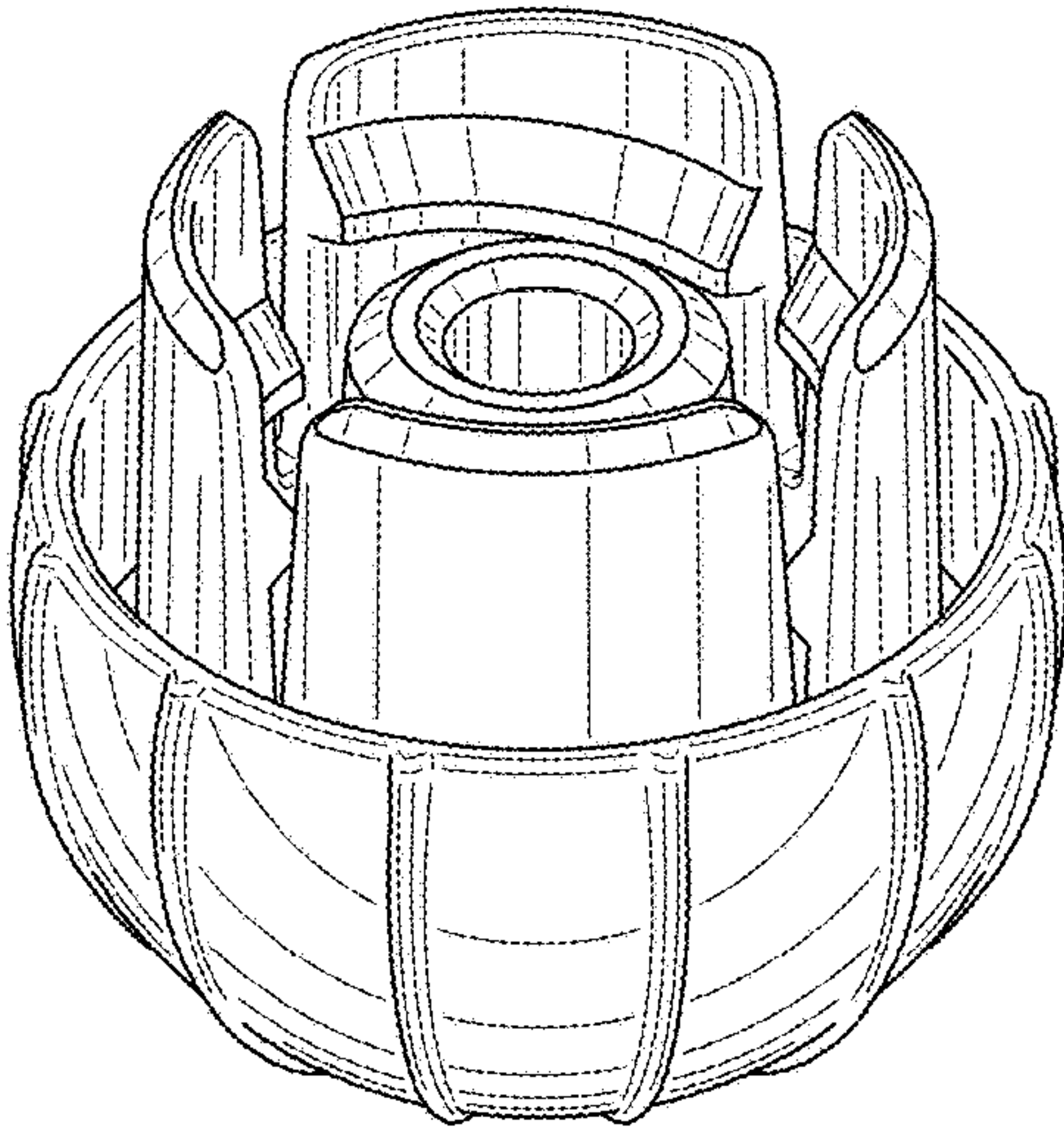


FIG. 5

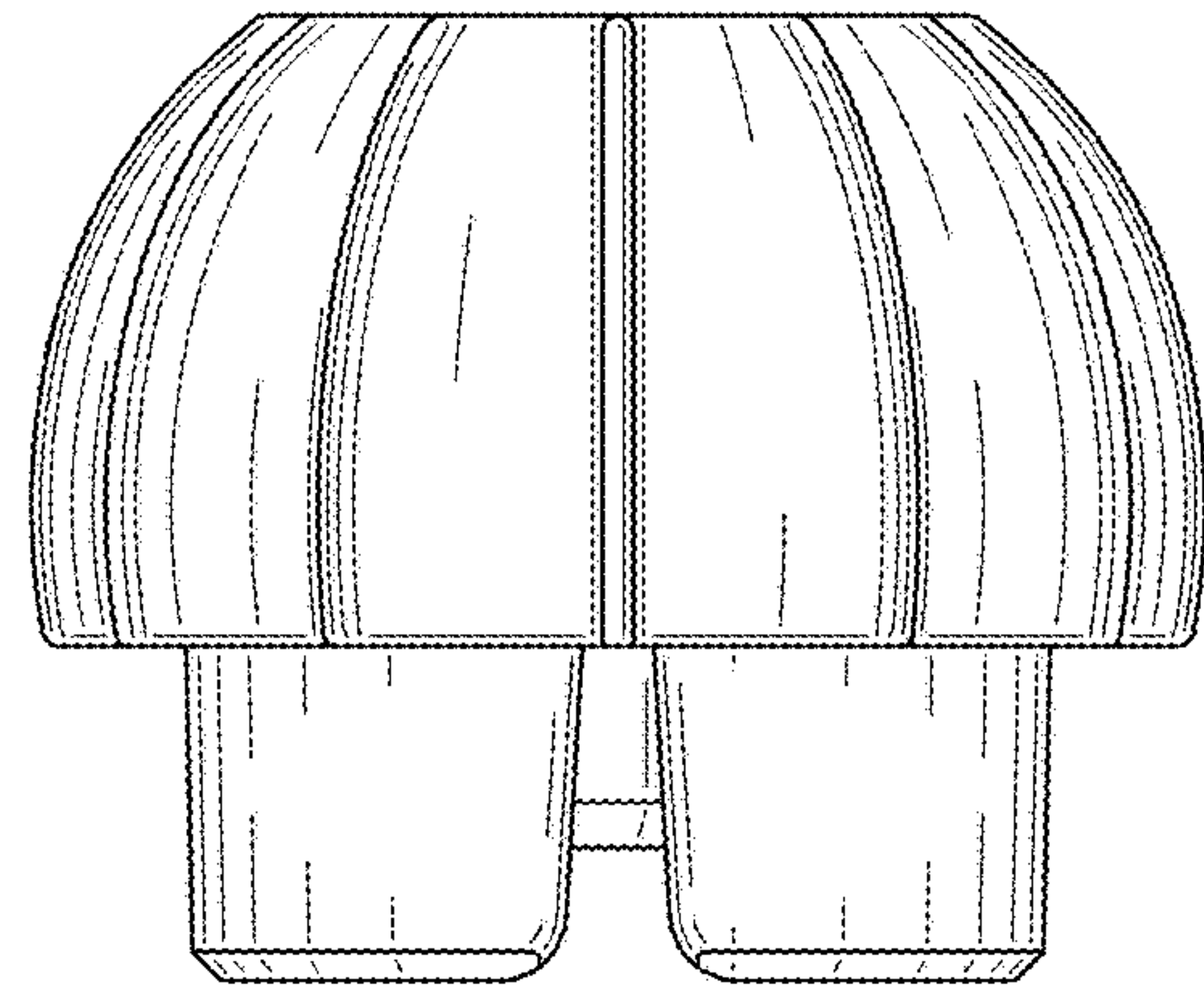


FIG. 6

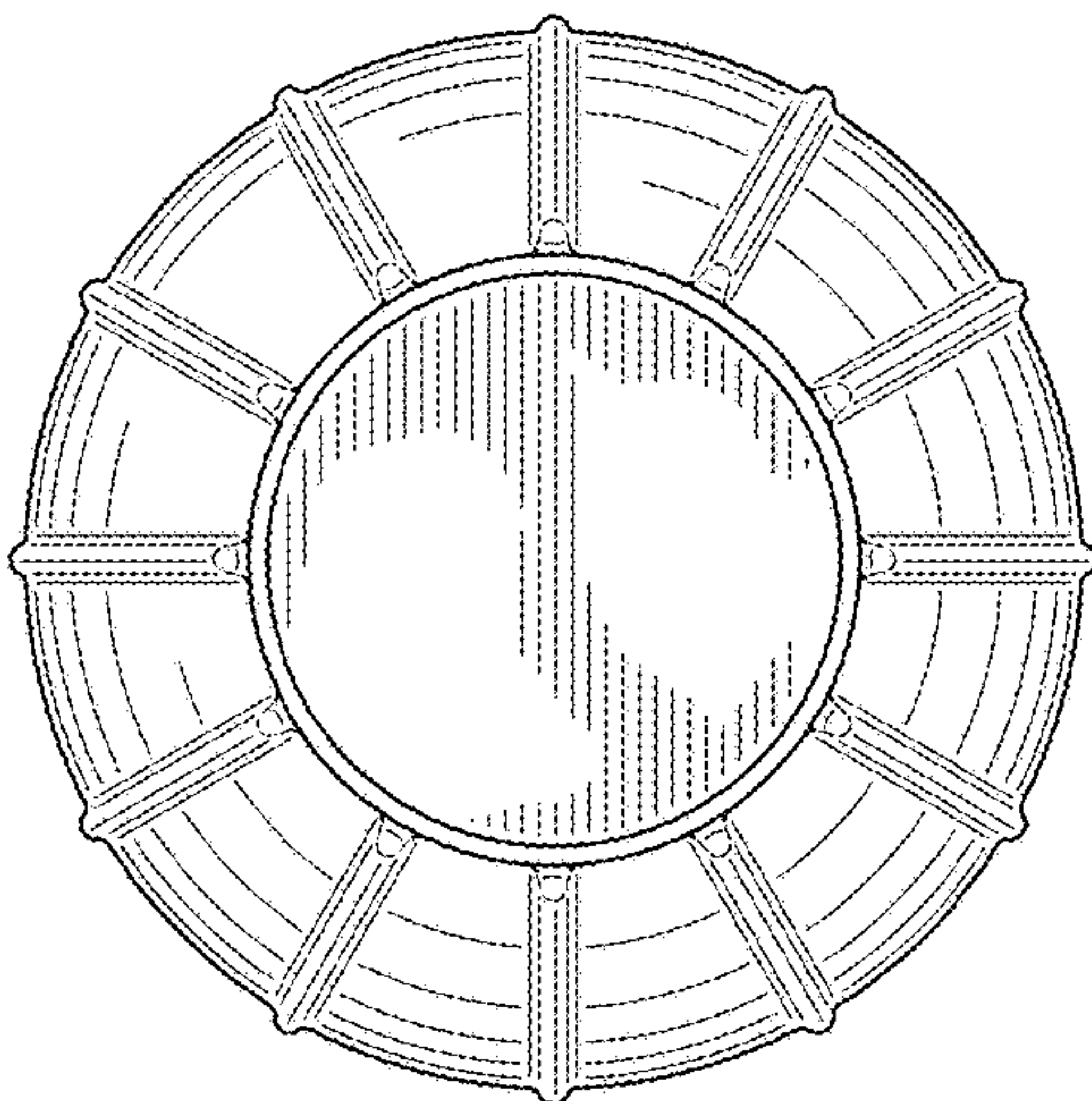


FIG. 7

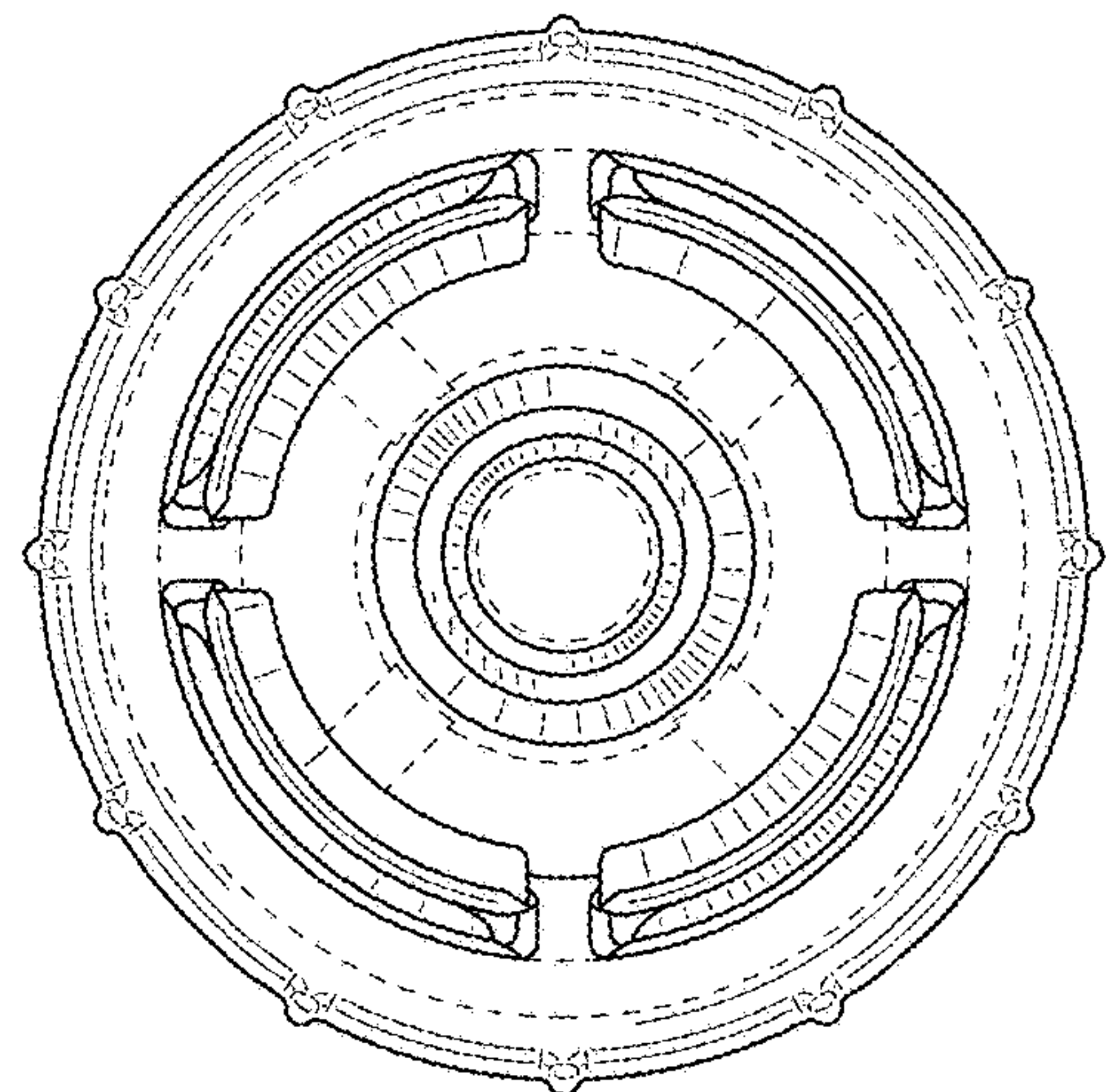


FIG. 8