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

(10) **Patent No.:** **US D642,920 S**

(45) **Date of Patent:** **\*\* Aug. 9, 2011**

(54) **POLYMER SCREW CAP WITH INTEGRAL VENT PROTECTOR RING**

7,201,287 B2 4/2007 Maenke  
7,690,525 B2 4/2010 Schutz  
2006/0096985 A1 5/2006 Stolzman

(76) Inventor: **Dale W. Taylor**, Hamilton, IN (US)

**OTHER PUBLICATIONS**

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

Rieke Packaging Systems, Pail and Can Catalog, p. 9, 70mm Screw Caps. Online Catalog, [www.riekepackaging.com/lib/sitefiles/File/pdfs/rieke\\_pail.pdf](http://www.riekepackaging.com/lib/sitefiles/File/pdfs/rieke_pail.pdf).

(21) Appl. No.: **29/372,910**

\* cited by examiner

(22) Filed: **Feb. 3, 2011**

(51) **LOC (9) Cl.** ..... **09-07**

*Primary Examiner* — Susan Bennett Hattan

(52) **U.S. Cl.** ..... **D9/453; D9/454**

(58) **Field of Classification Search** ..... D9/656,  
D9/635, 565, 454, 452, 451, 447, 446, 441,  
D9/440, 439, 435; D7/399, 396, 396.5, 395,  
D7/393, 392.1, 387, 321, 300.2; D24/130,  
D24/129; D21/713; 222/529, 478, 153.06;  
220/825, 276, 254.8, 254.4; 215/364, 356,  
215/355, 230

(57) **CLAIM**

The ornamental design for the polymer screw cap with integral vent protector ring, as shown and described.

See application file for complete search history.

**DESCRIPTION**

FIG. 1 is a bottom perspective view of a polymer screw cap with integral vent protector ring in accordance with my design;

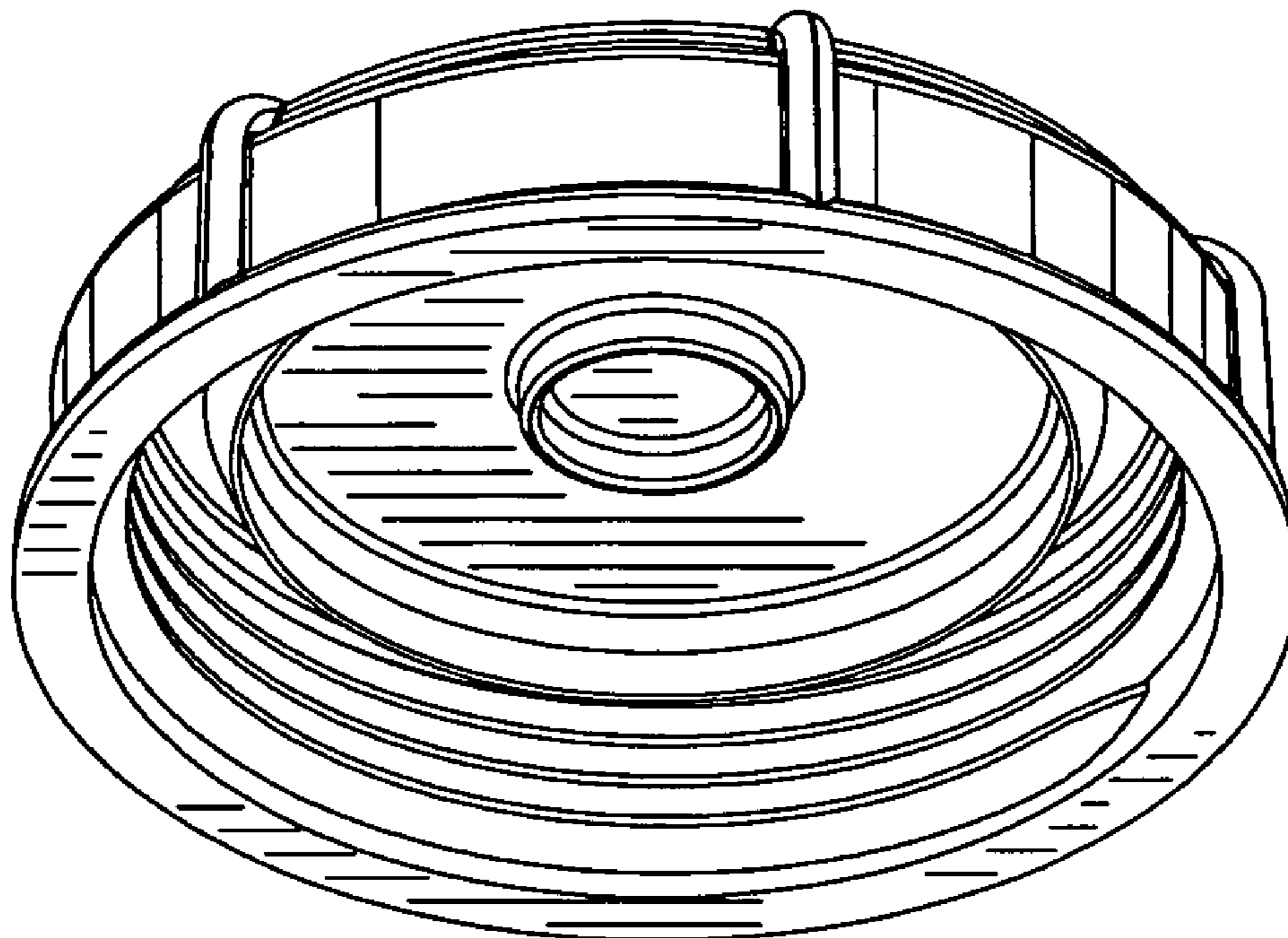
(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D195,372 S *	6/1963	Tupper	.....	D9/439
4,136,796 A	1/1979	Dubois		
4,261,478 A *	4/1981	Summers	.....	220/270
5,882,454 A	3/1999	Baginski		
6,368,741 B1	4/2002	Hackel		
D501,138 S *	1/2005	Uchiyama	.....	D9/439
6,874,656 B2	4/2005	Rohr		
6,883,675 B2	4/2005	Maenke		

FIG. 2 is a top perspective view thereof;  
FIG. 3 is a top plan view thereof;  
FIG. 4 is a bottom view thereof;  
FIG. 5 is a front elevation view thereof; the rear elevation view being the same;  
FIG. 6 is a right side view thereof; the left side view being the same; and,  
FIG. 7 is a sectional view thereof, taken on line 7—7 of FIG. 3.

**1 Claim, 4 Drawing Sheets**



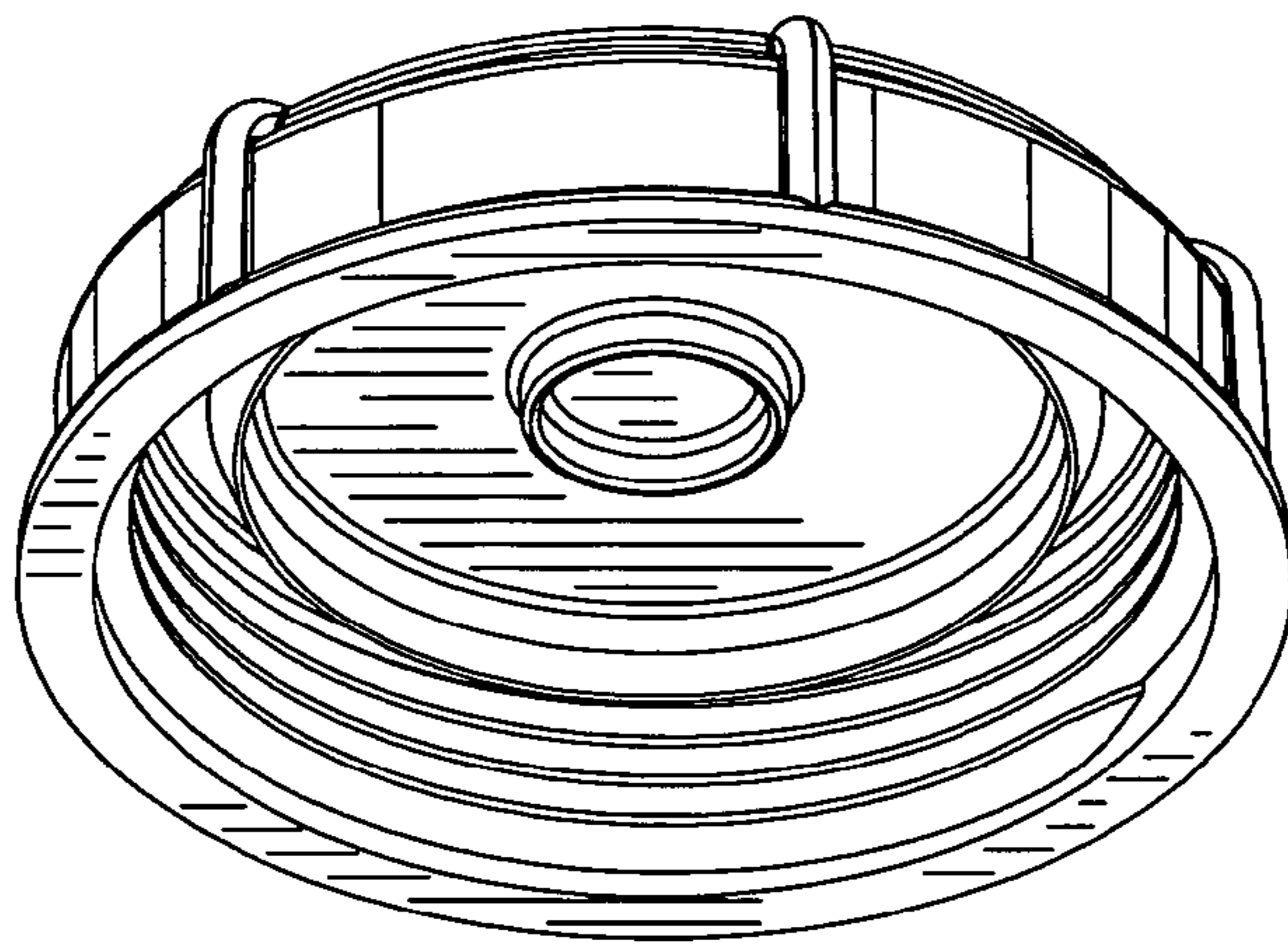


FIG. 1

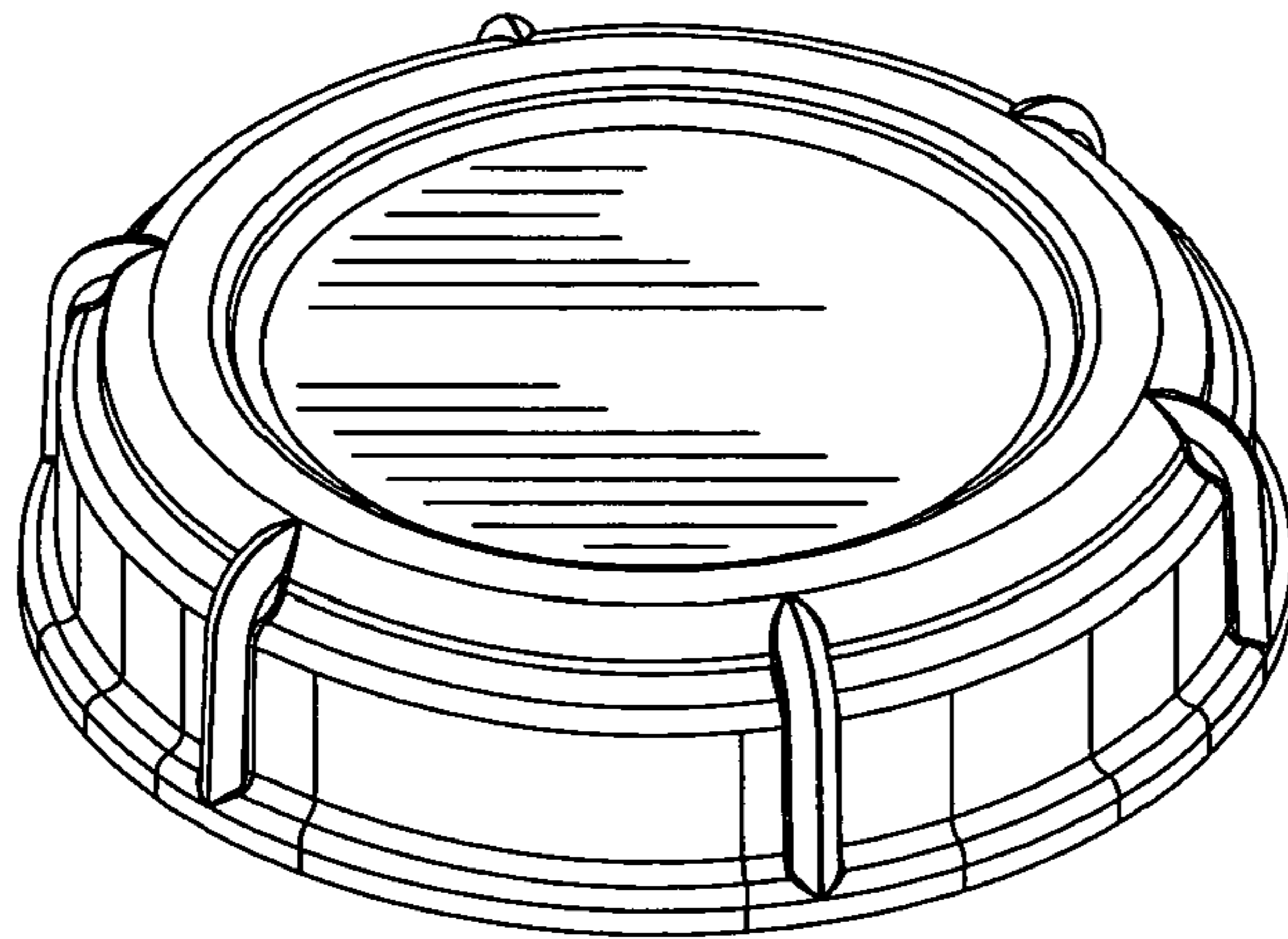


FIG. 2

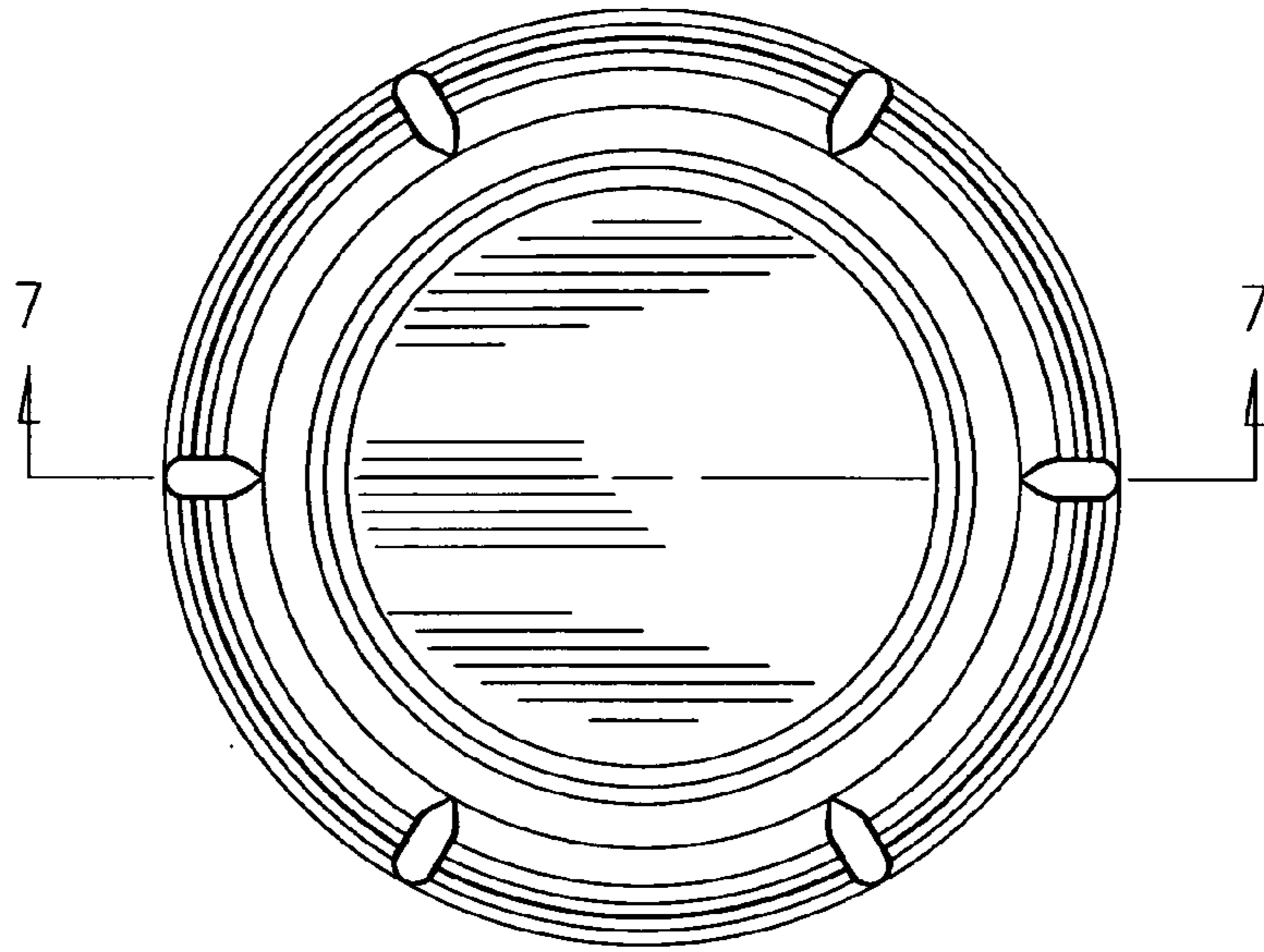


FIG. 3

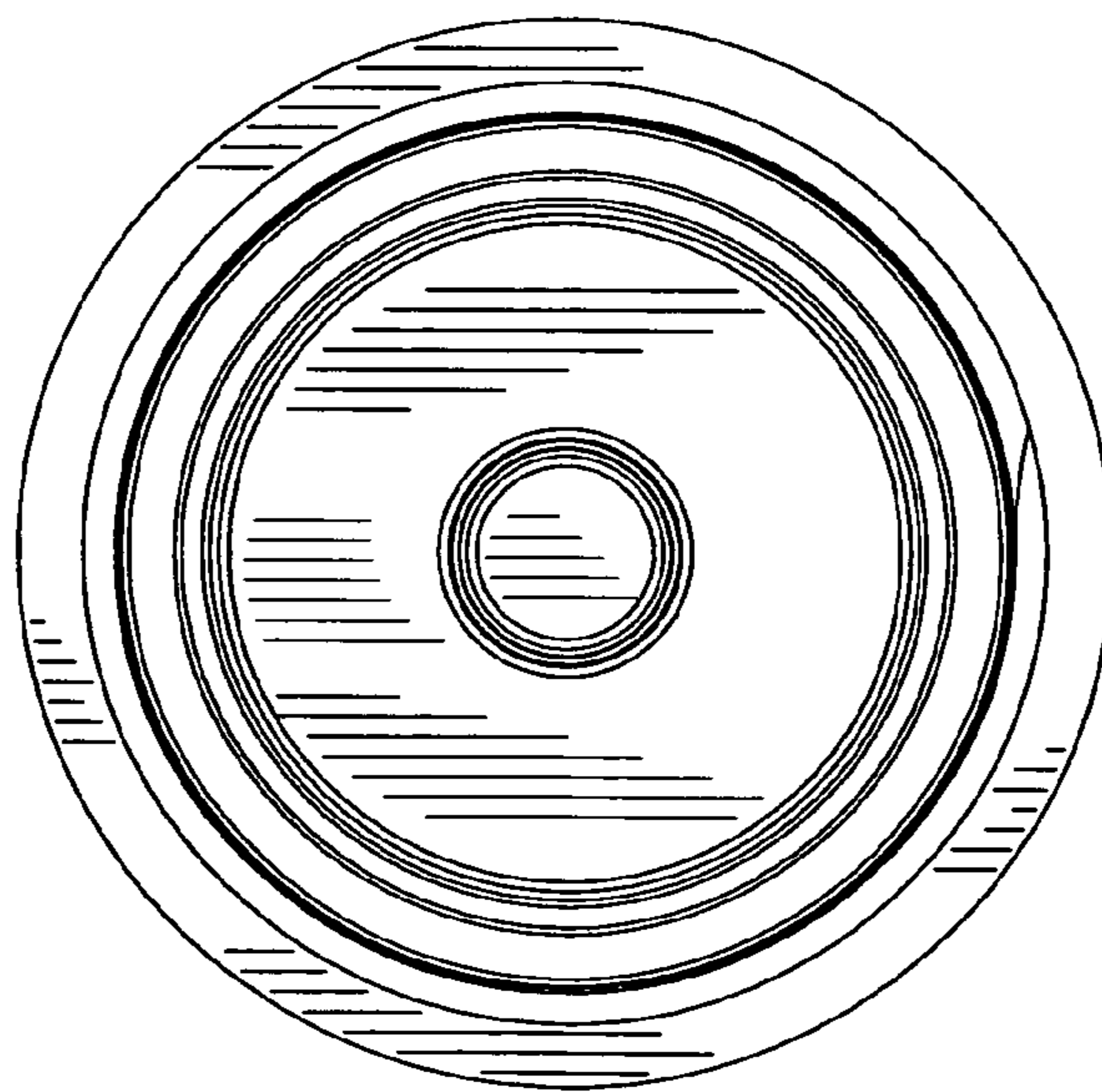


FIG. 4

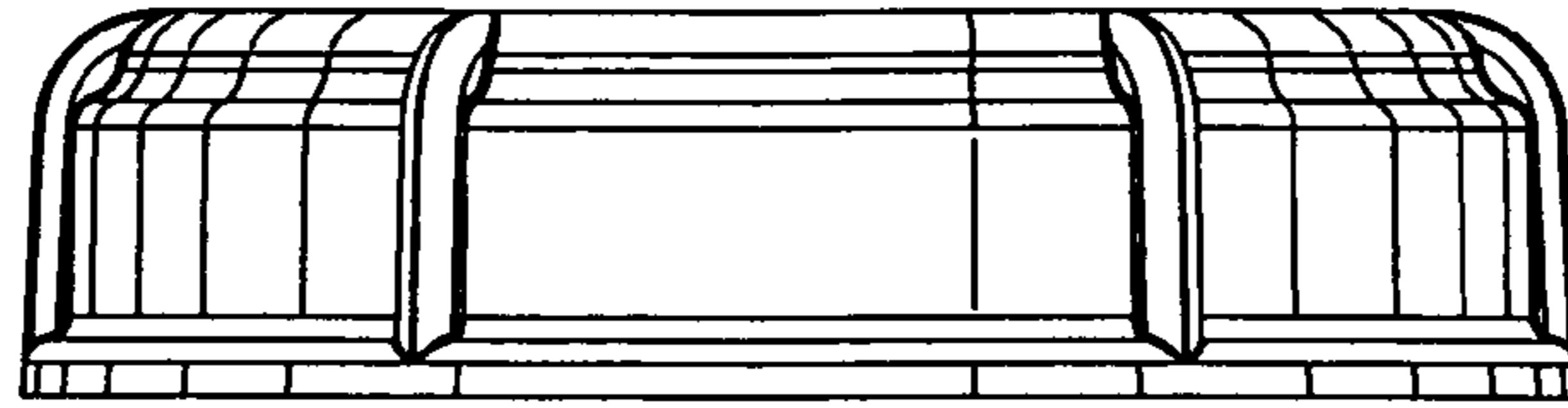


FIG. 5

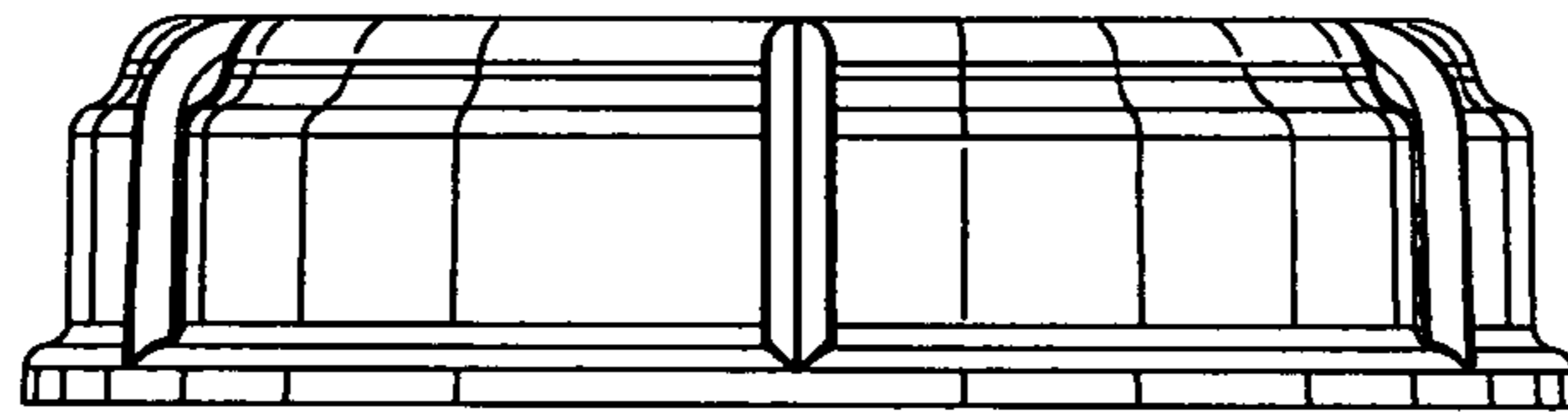


FIG. 6

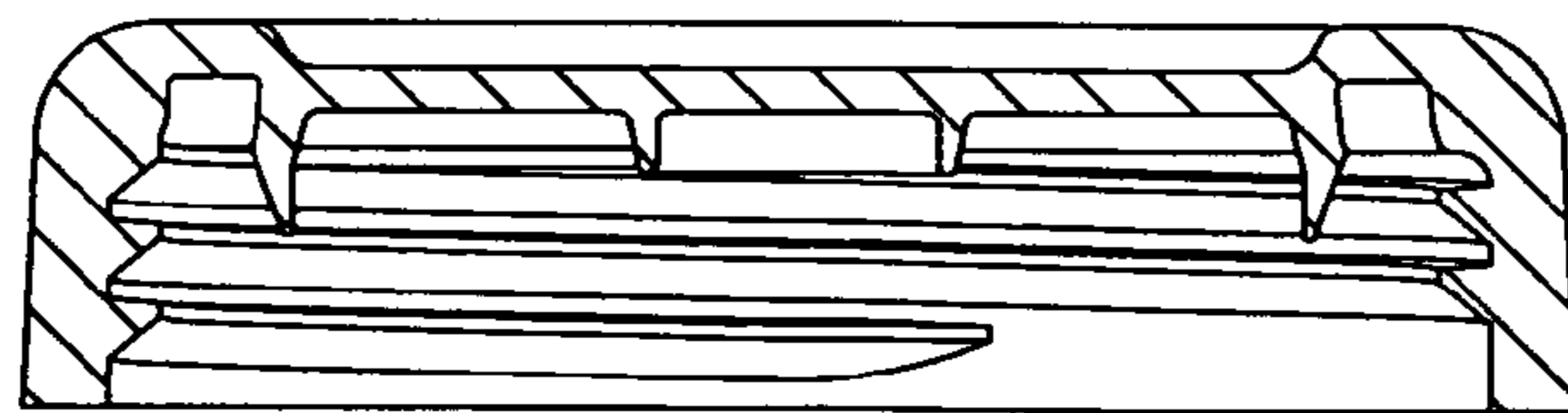


FIG. 7