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

(10) **Patent No.:** **US D572,601 S**

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(54) **TUBE WITH TOP AND BOTTOM OPENINGS**

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

(21) **Appl. No.:** **29/299,300**

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(51) **LOC (8) Cl.** ..... **09-05**

(52) **U.S. Cl.** ..... **D9/697**

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D9/723-724; 222/92, 107; 206/822, 581,  
206/229; D28/7, 76, 82; 15/172, 160; 401/270,  
401/144; 132/290, 289, 320

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D99,294 S *	4/1936	Mcintosh	.....	D9/697
D100,686 S *	8/1936	Vaulchier	.....	D9/697
4,598,839 A *	7/1986	Dombroski et al.	.....	222/92
D337,261 S *	7/1993	Sherman	.....	D9/521
D338,397 S *	8/1993	Sun et al.	.....	D9/697

5,816,451 A *	10/1998	Renault	.....	222/215
D402,194 S *	12/1998	Zaksensberg	.....	D9/699
D404,296 S *	1/1999	Durliat et al.	.....	D9/697
D430,802 S *	9/2000	Adachi et al.	.....	D9/521
6,409,047 B1 *	6/2002	Tanaka	.....	222/99

\* cited by examiner

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(57) **CLAIM**

The ornamental design for a tube with top and bottom openings, as shown.

**DESCRIPTION**

FIG. 1 is a front elevational view of the tube with top and bottom openings showing my new design;

FIG. 2 is a rear elevational view thereof;

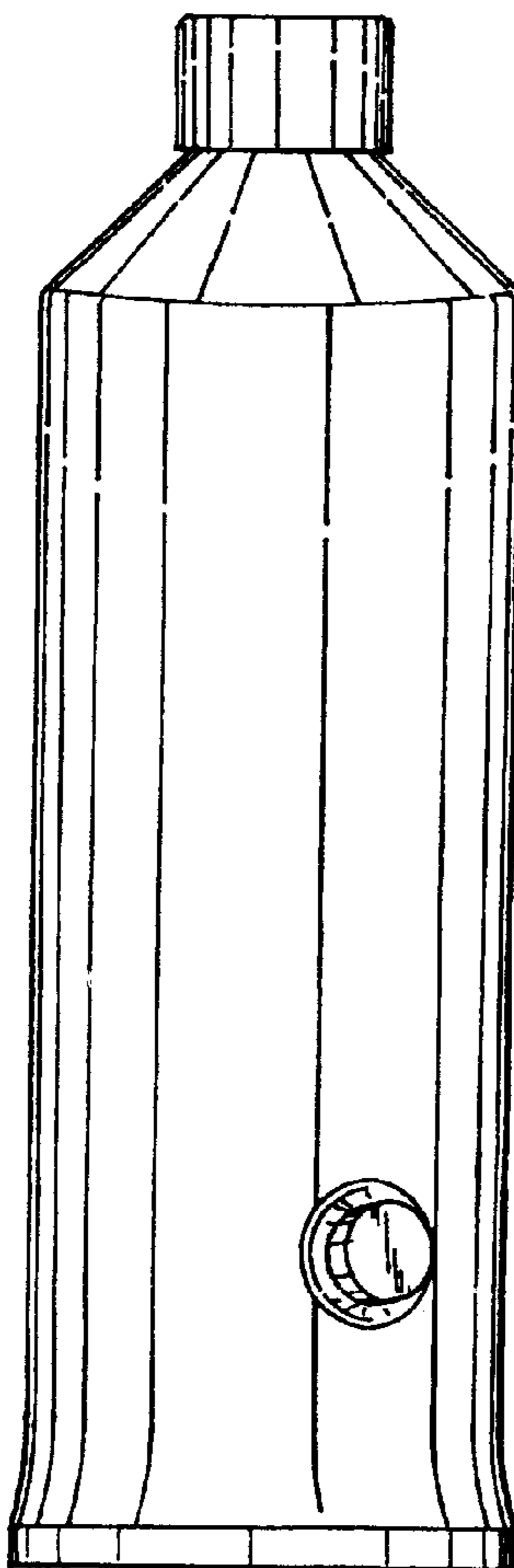
FIG. 3 is a left-side elevational view thereof;

FIG. 4 is a right-side elevational view thereof;

FIG. 5 is a top plan view thereof; and,

FIG. 6 is a bottom plan view thereof.

**1 Claim, 2 Drawing Sheets**



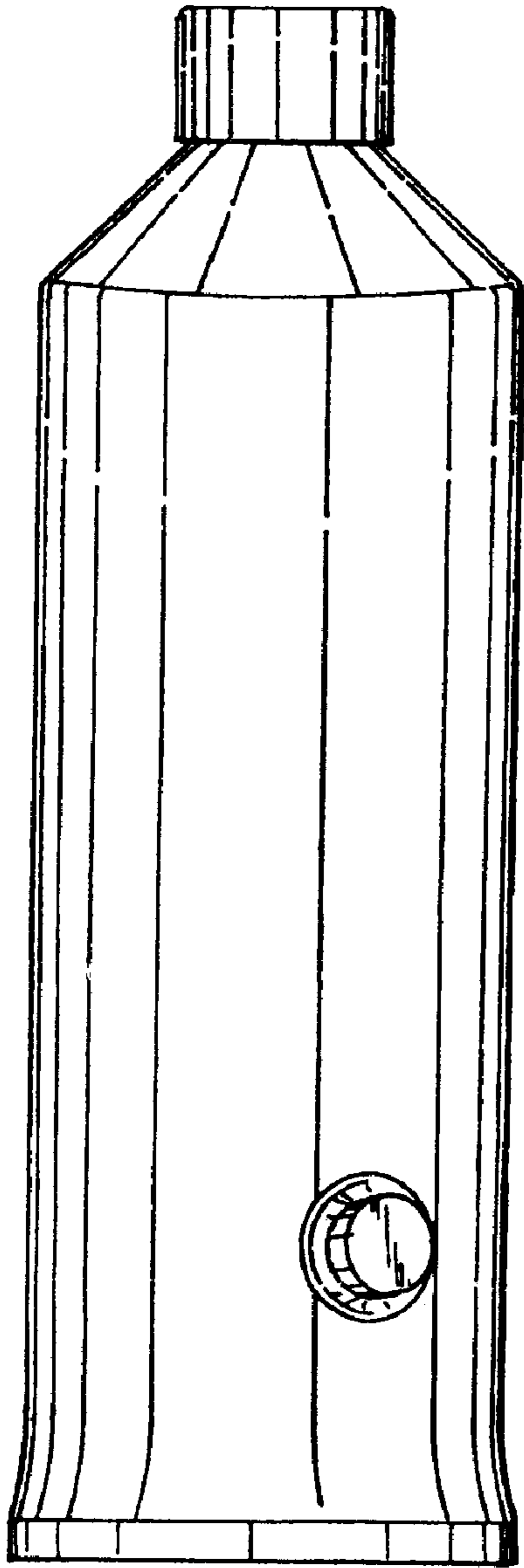


FIG. 1

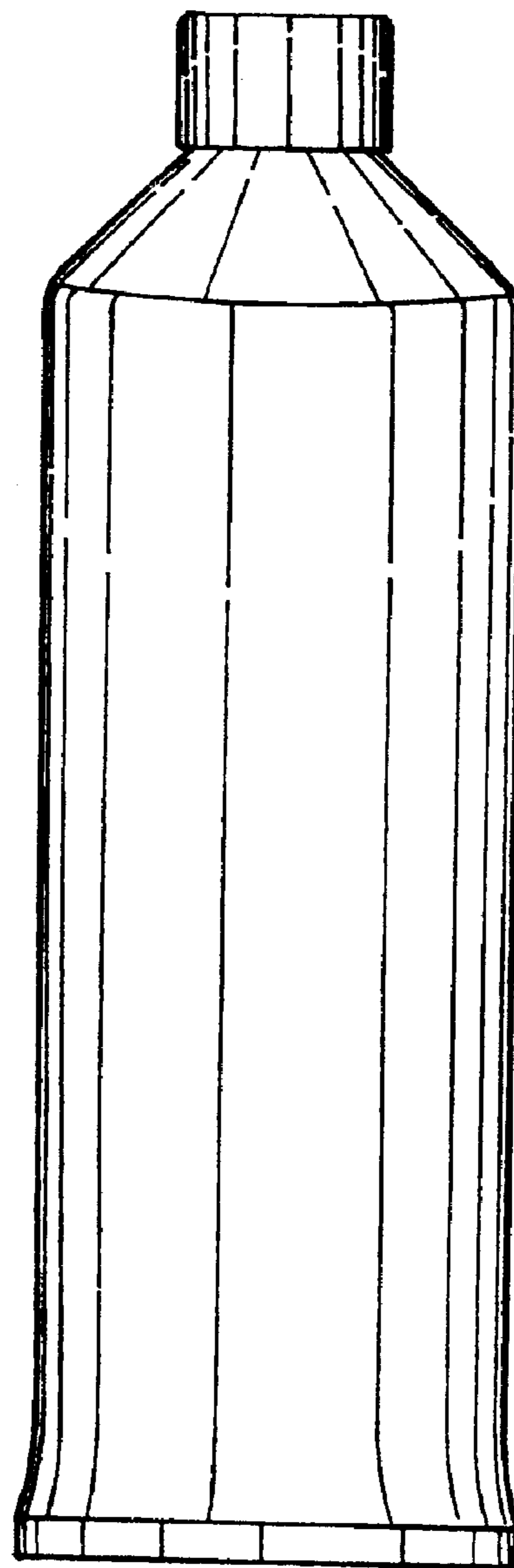


FIG. 2

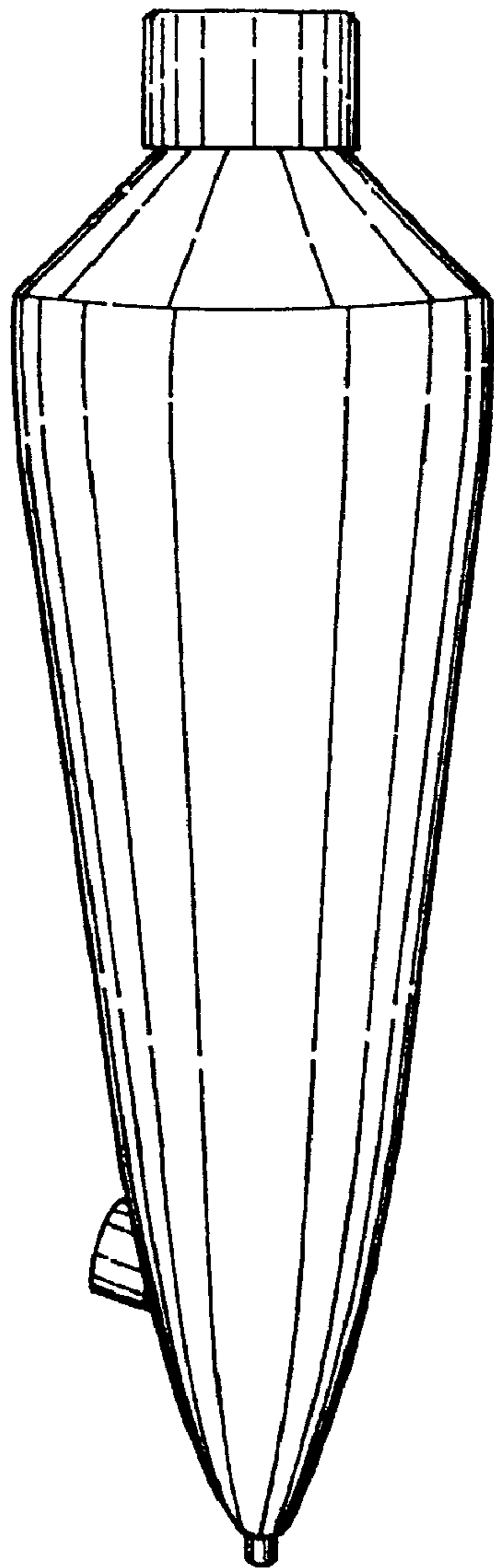


FIG. 3

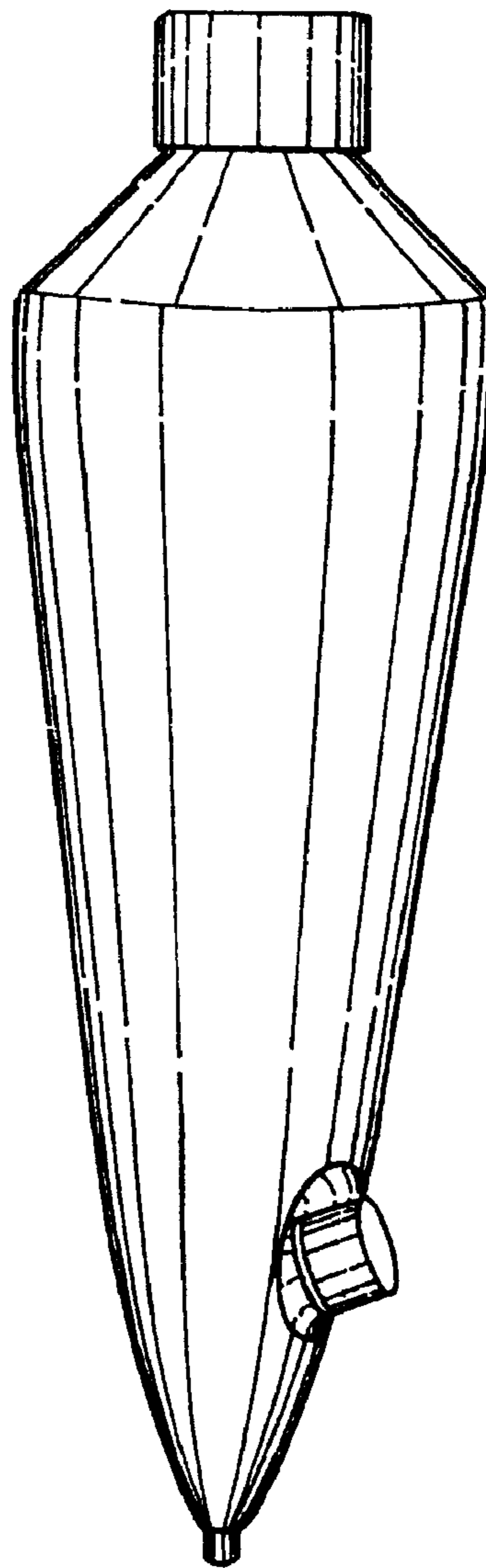


FIG. 4

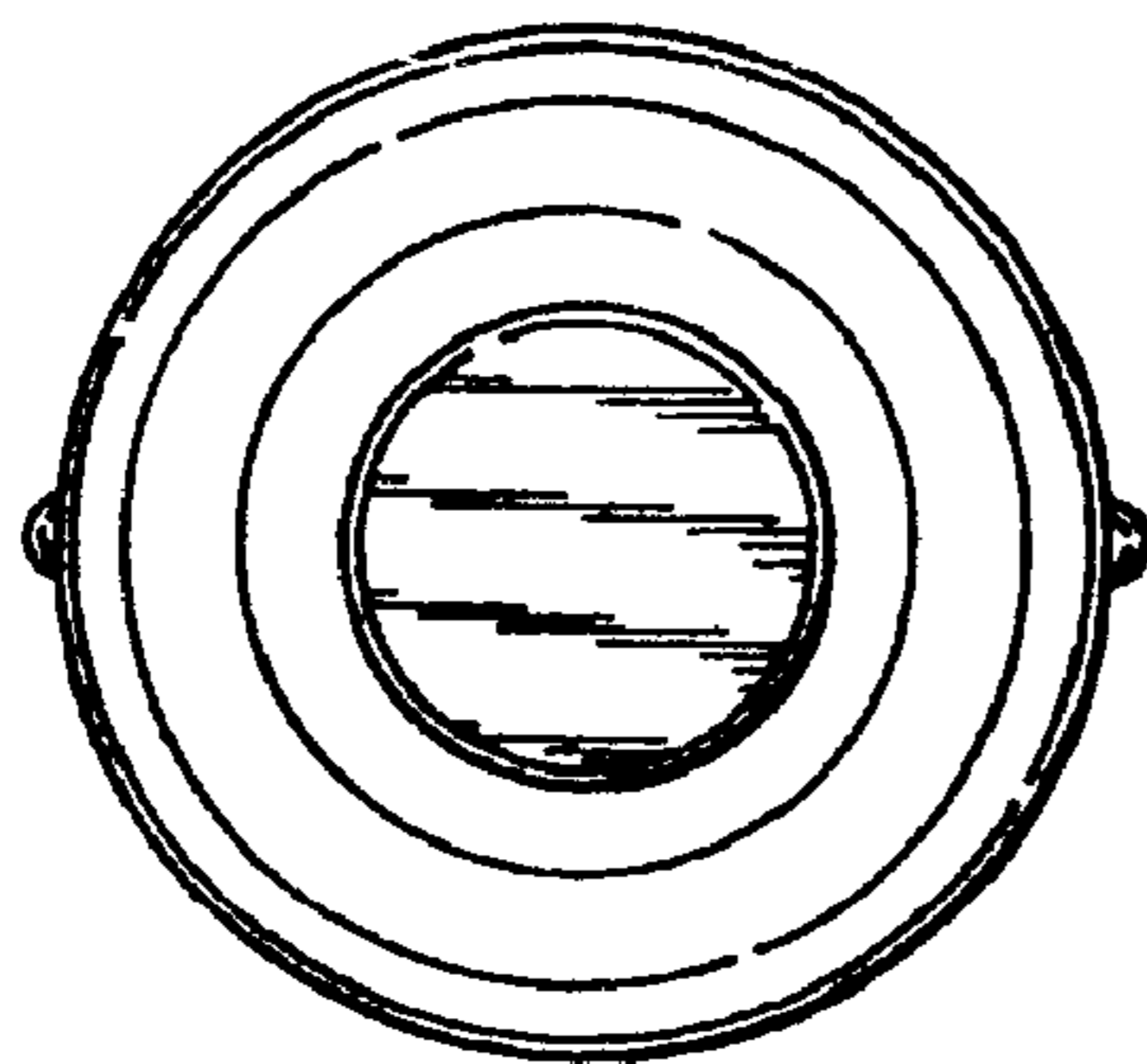


FIG. 5

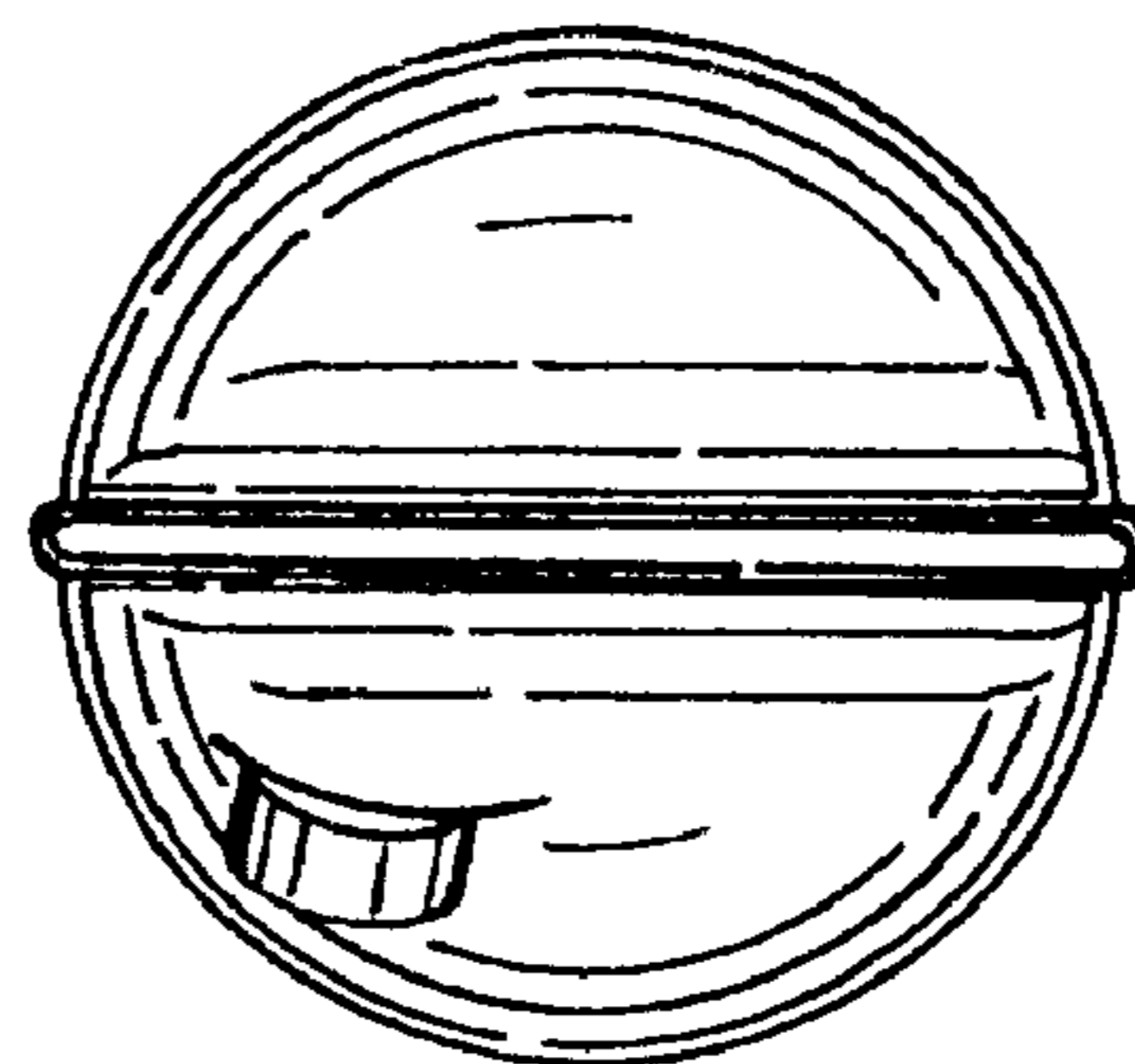


FIG. 6