

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

(10) **Patent No.:** **US D521,863 S**

(45) **Date of Patent:** **** May 30, 2006**

(54) **MULTI-OPENING SCREW-ON CAP**

(75) Inventors: **Glenn R. Davis**, Highland Park, IL (US); **Charles P. Maxwell**, Mequon, WI (US)

(73) Assignee: **Tablecraft Products Company**, Gurnee, IL (US)

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

(21) Appl. No.: **29/222,625**

(22) Filed: **Feb. 2, 2005**

(51) **LOC (8) Cl.** **09-07**

(52) **U.S. Cl.** **D9/447**

(58) **Field of Classification Search** D9/453, D9/452, 449, 447, 446, 435, 444; D7/516, D7/511, 510, 392.1; D24/197; 215/11.1; 220/713; 222/109, 129, 145, 207, 212, 485, 222/80, 94

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

2,802,604	A	8/1957	Ebberts	
2,816,548	A	12/1957	Tupper	
3,591,053	A	7/1971	Thomas	
4,029,236	A	* 6/1977	Carson et al.	222/135
4,148,417	A	4/1979	Simmons	
D310,567	S	9/1990	Fitzpatrick	
4,961,510	A	10/1990	Dvoracek	
4,981,239	A	1/1991	Cappel et al.	
D316,652	S	5/1991	Hunter	
5,062,550	A	11/1991	Singh	
D332,894	S	2/1993	Green	
5,346,097	A	* 9/1994	Melland et al.	222/484
5,361,947	A	11/1994	Lifshey	
D358,298	S	5/1995	Brown et al.	

D361,469	S	8/1995	Young	
D369,943	S	5/1996	Dark	
D387,621	S	12/1997	Sullivan et al.	
5,873,494	A	2/1999	Dallas, Jr.	
D407,269	S	* 3/1999	Fletcher	D7/510
5,921,440	A	7/1999	Maines	
D415,654	S	10/1999	Forrer	
D430,455	S	9/2000	Pickens	
D448,667	S	10/2001	Warner et al.	
D451,760	S	12/2001	Fox	
D476,850	S	7/2003	Featherston et al.	
6,732,888	B1	5/2004	Smiley et al.	

* cited by examiner

Primary Examiner—Robert M. Spear
Assistant Examiner—Susan Bennett Hattan
(74) Attorney, Agent, or Firm—Pearne & Gordon LLP

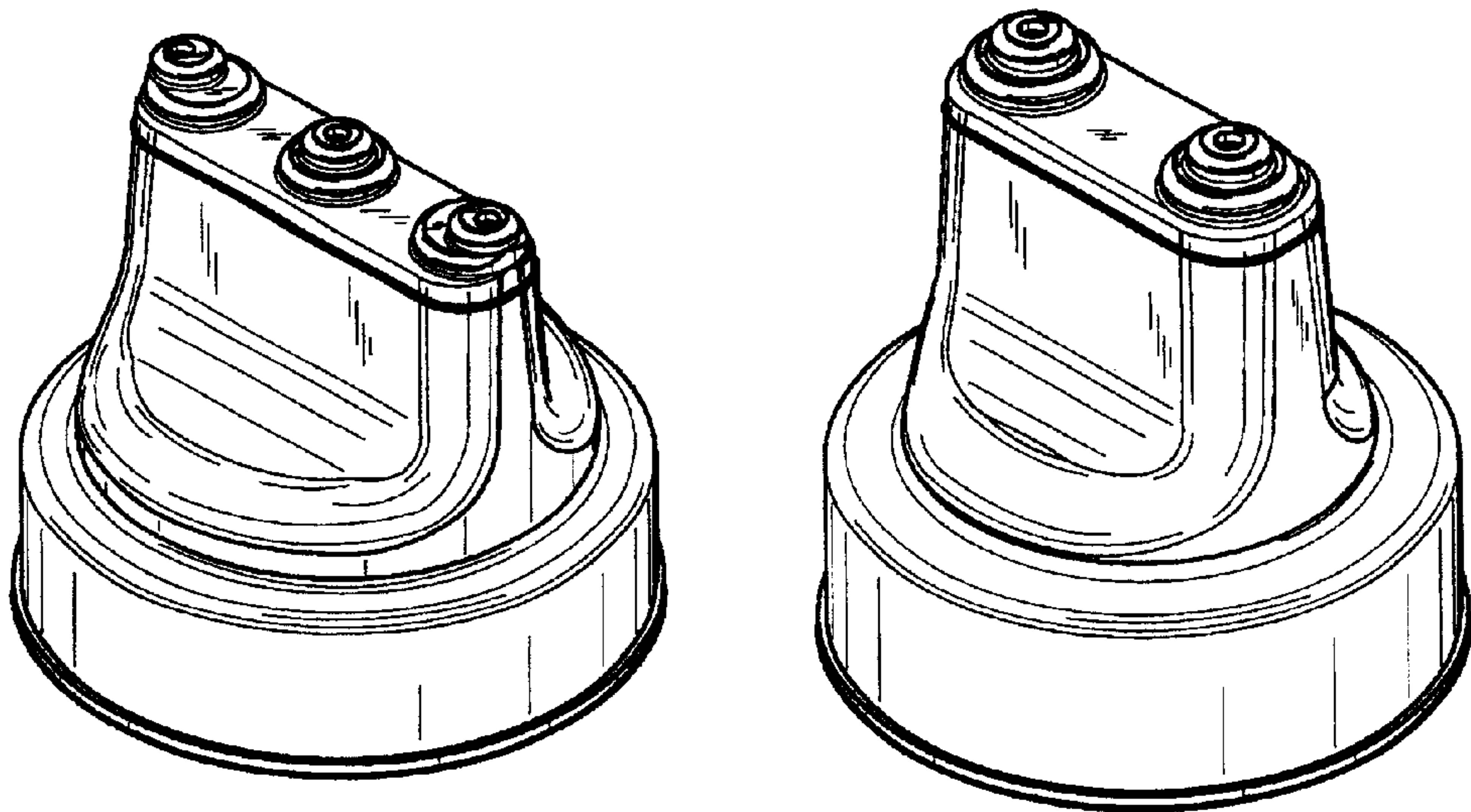
(57) **CLAIM**

The ornamental design for a multi-opening screw-on cap, as shown and described.

DESCRIPTION

FIG. 1 is a top perspective view of a multi-opening screw-on cap showing a first embodiment of our new design; FIG. 2 is a bottom perspective view thereof; FIG. 3 is a top plan view thereof; FIG. 4 is a bottom plan view thereof; FIG. 5 is a front elevational view thereof; FIG. 6 is a side elevational view thereof; FIG. 7 is a top perspective view of a multi-opening screw-on cap showing a second embodiment of our new design; FIG. 8 is a bottom perspective view thereof; FIG. 9 is a top plan view thereof; FIG. 10 is a bottom plan view thereof; FIG. 11 is a front elevational view thereof; and, FIG. 12 is a side elevational view thereof.

1 Claim, 2 Drawing Sheets



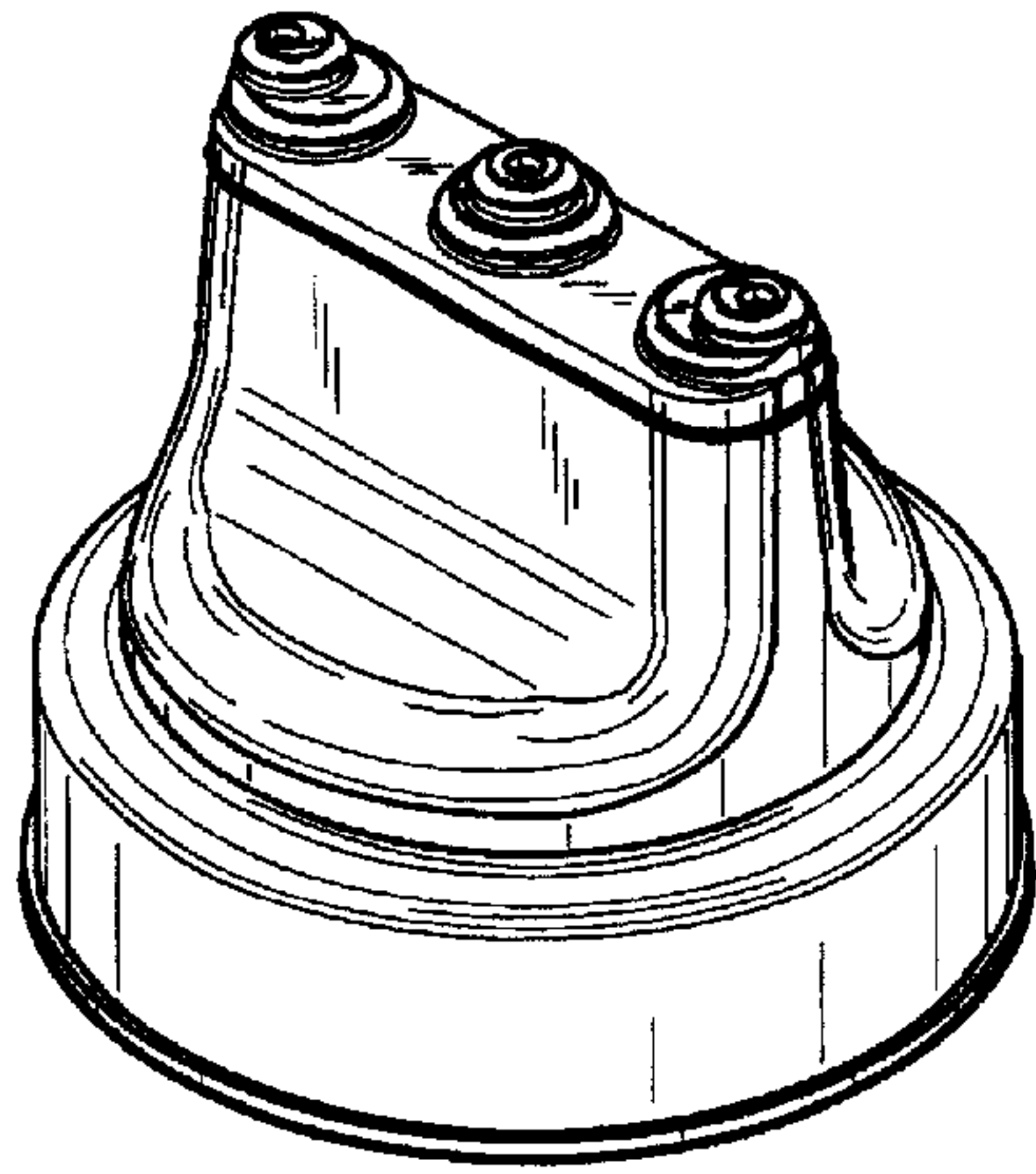


FIG. 1

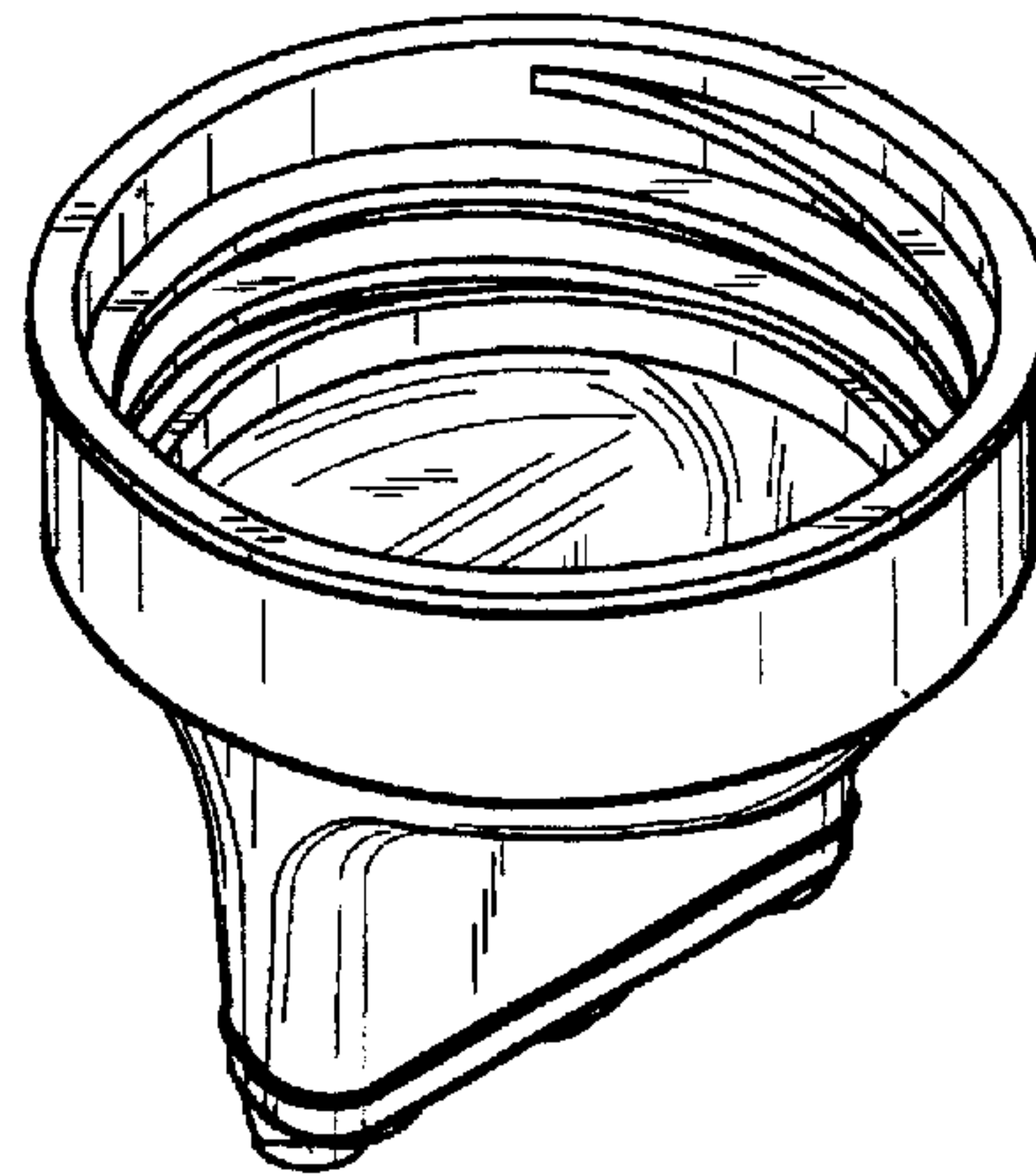


FIG. 2

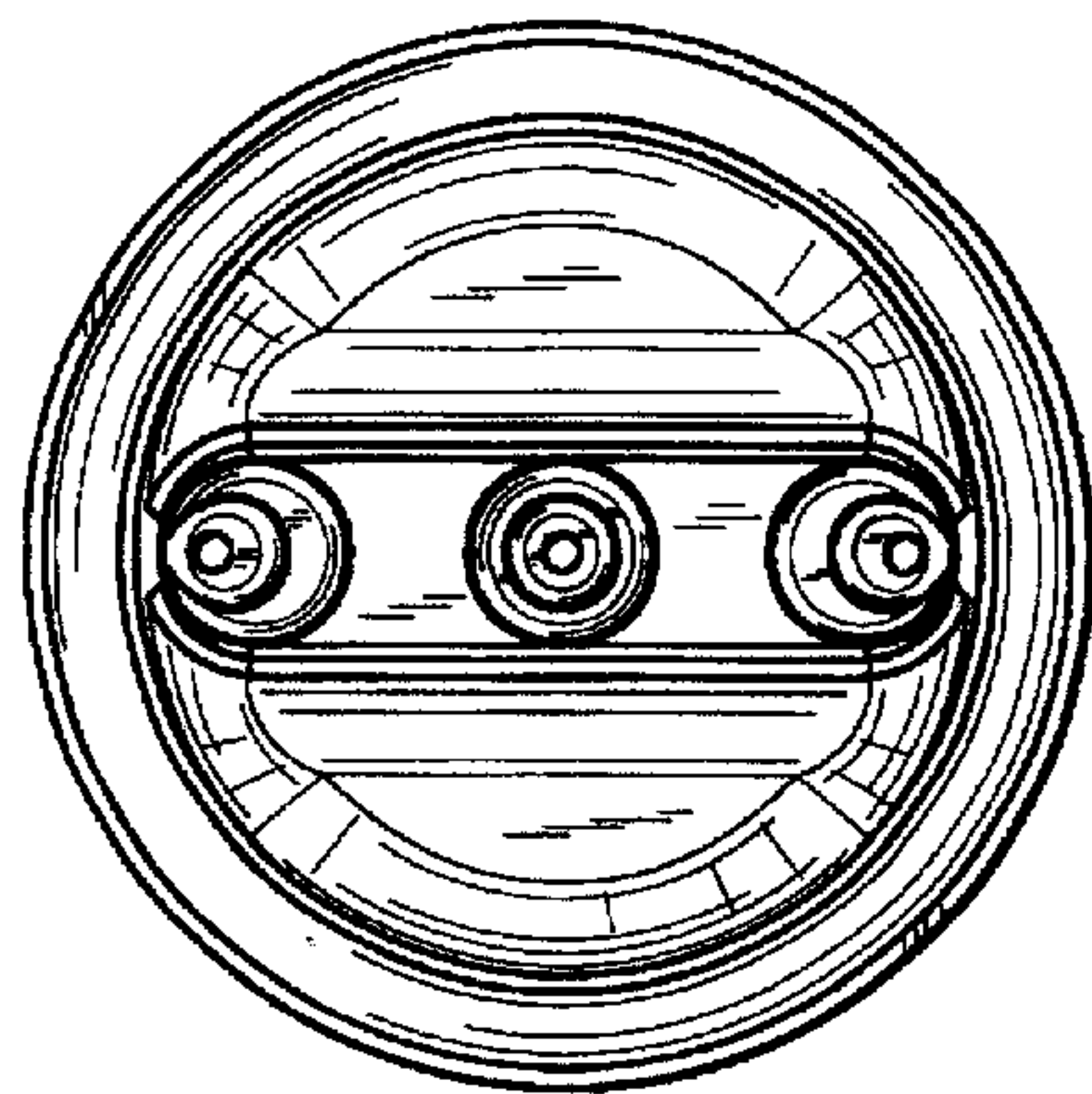


FIG. 3

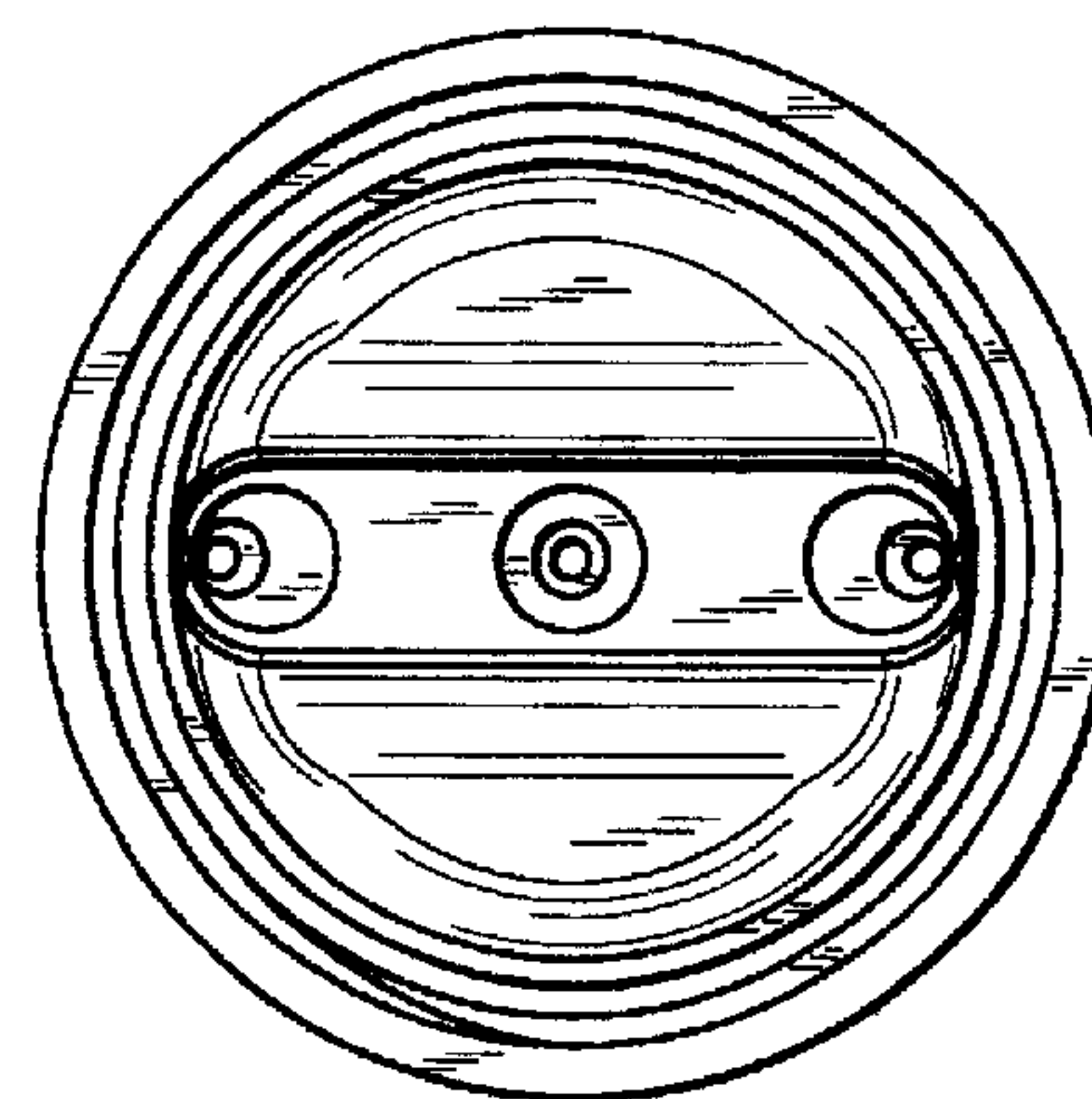


FIG. 4

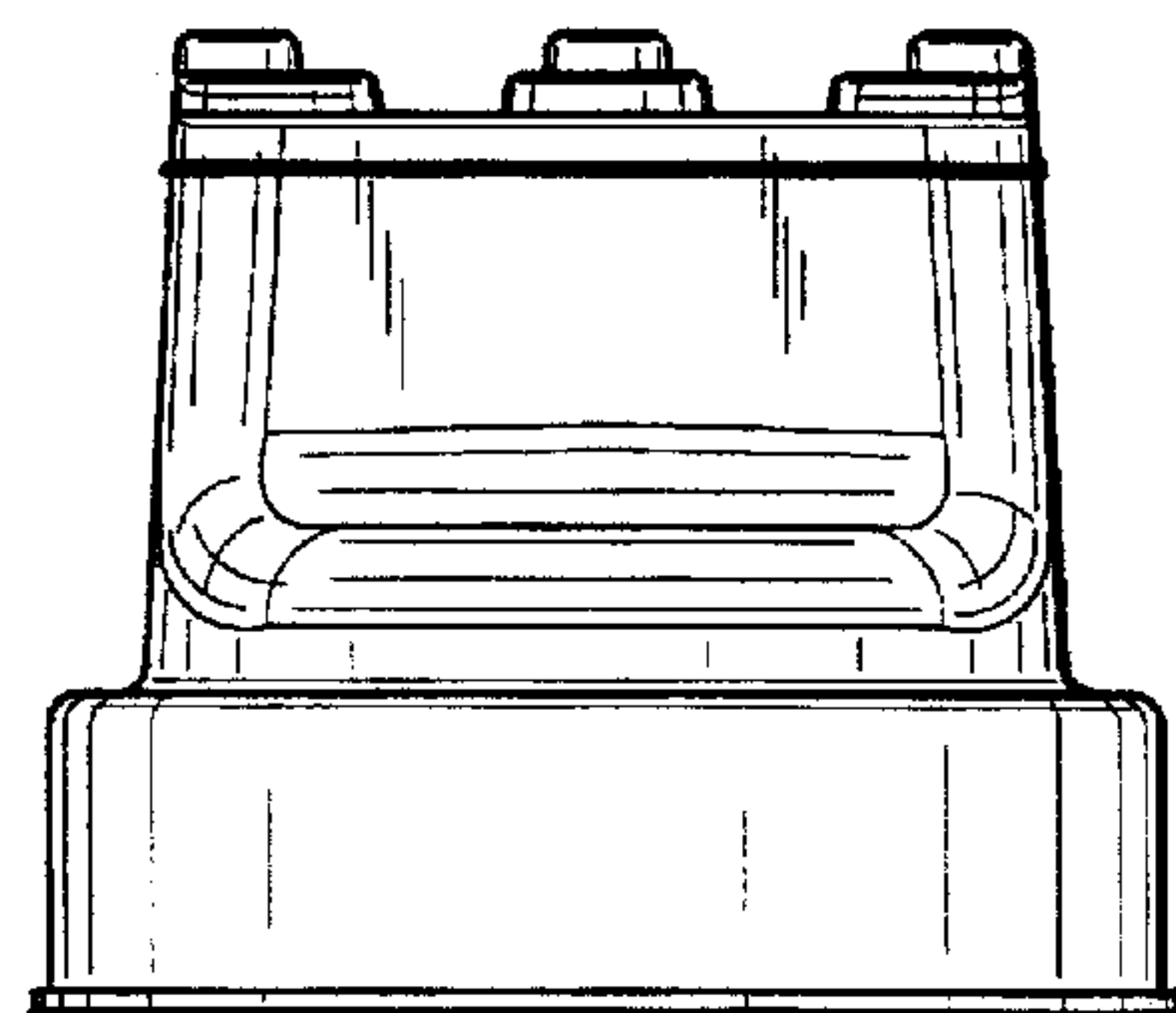


FIG. 5

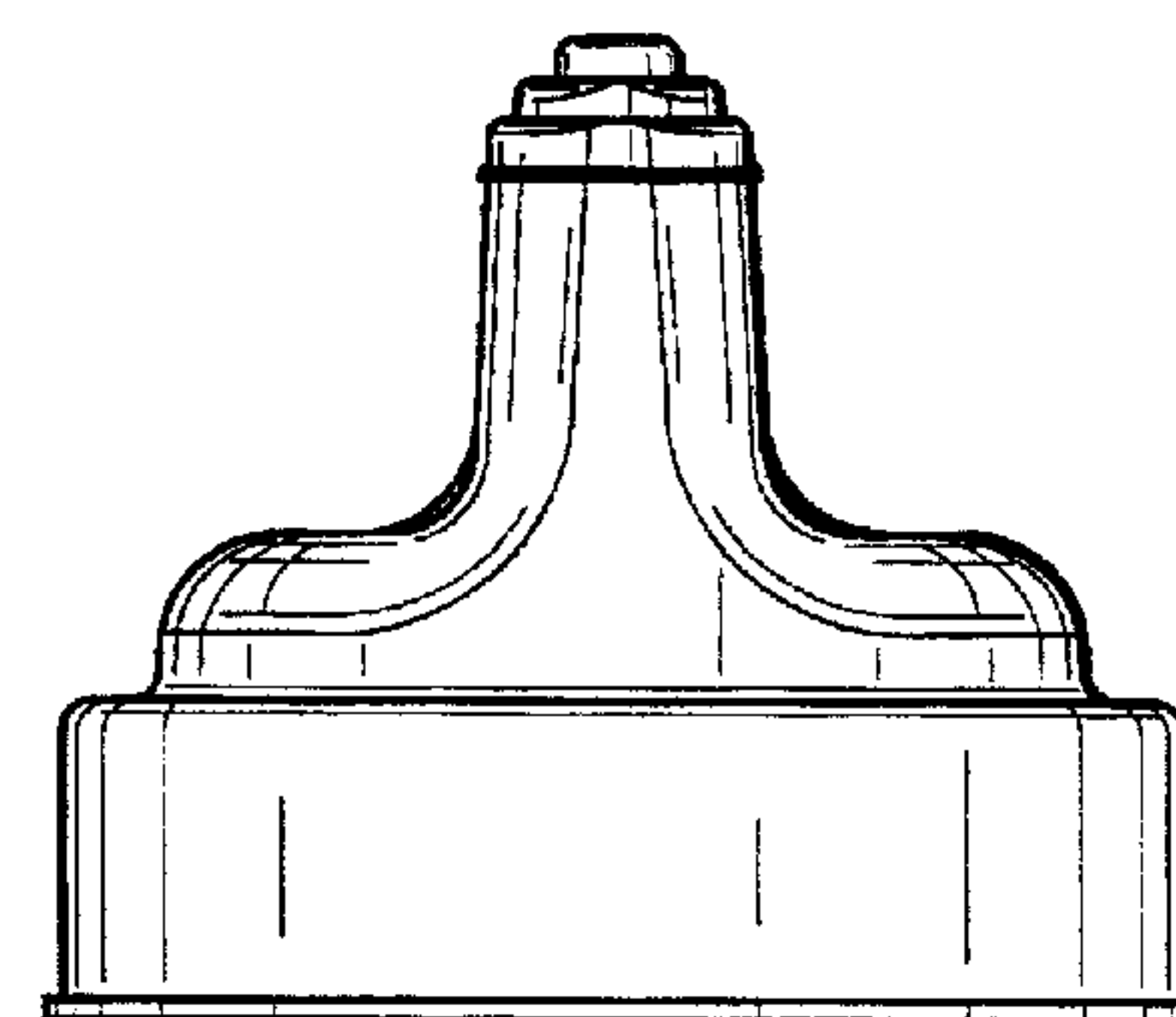


FIG. 6

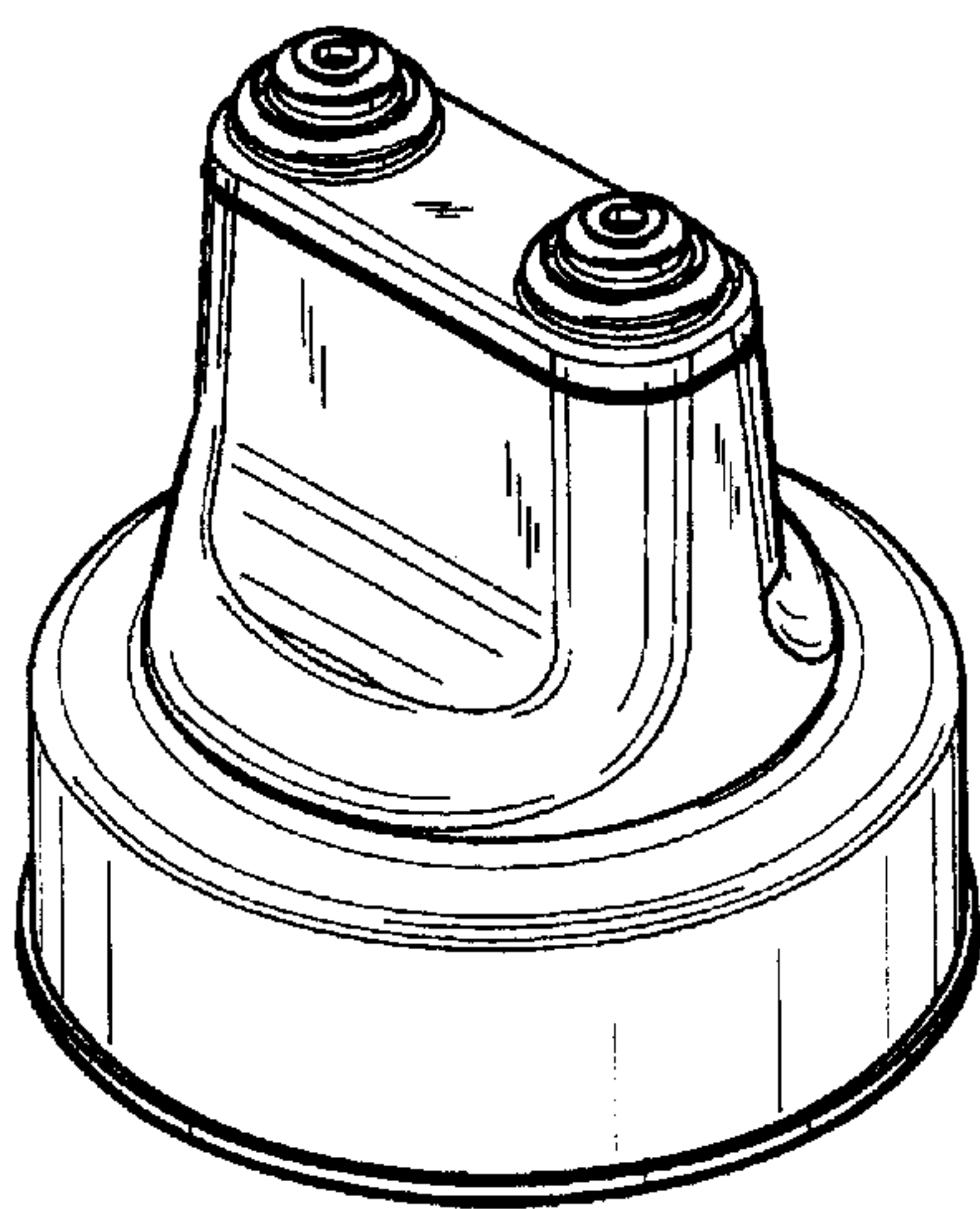


FIG. 7

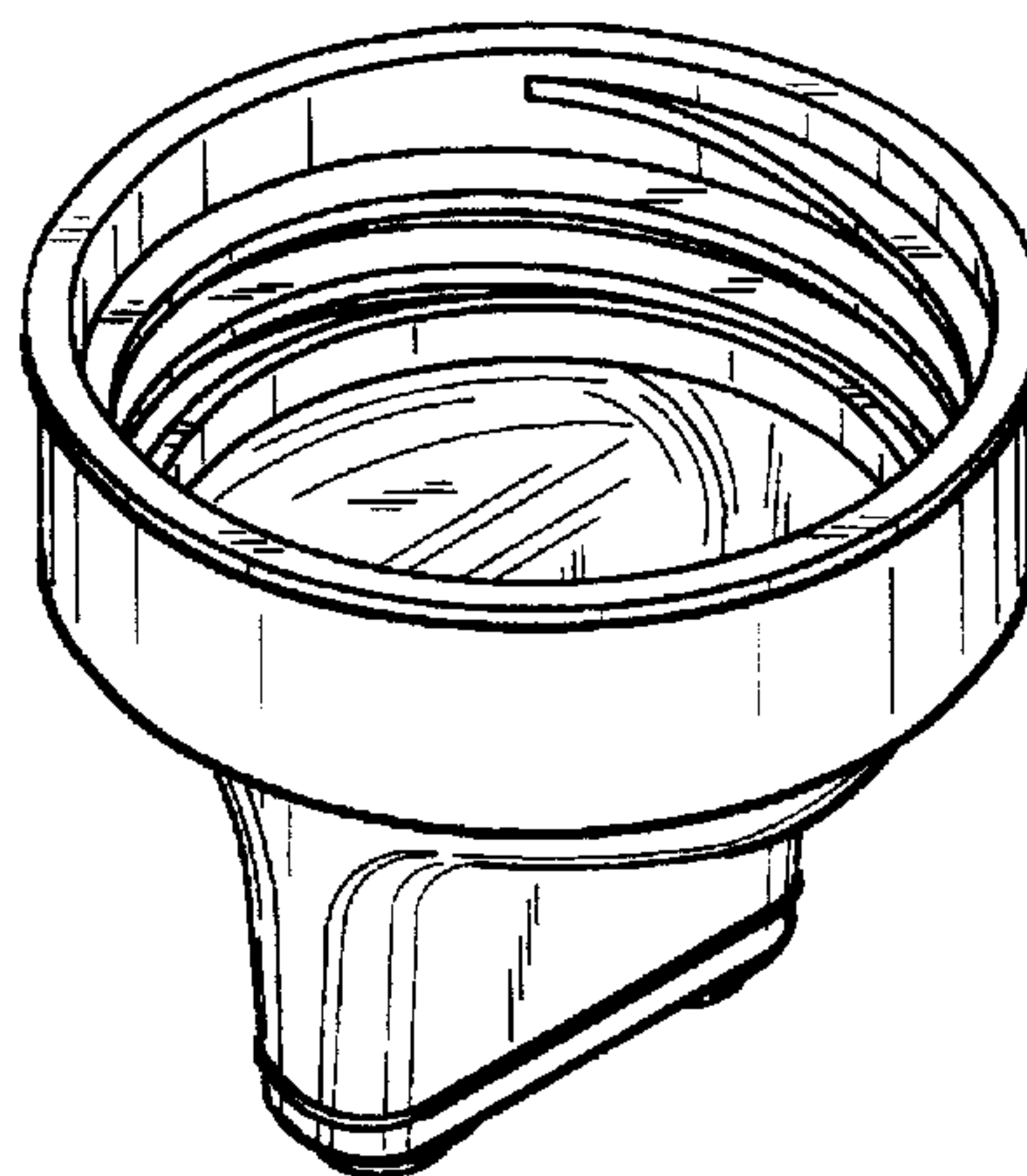


FIG. 8

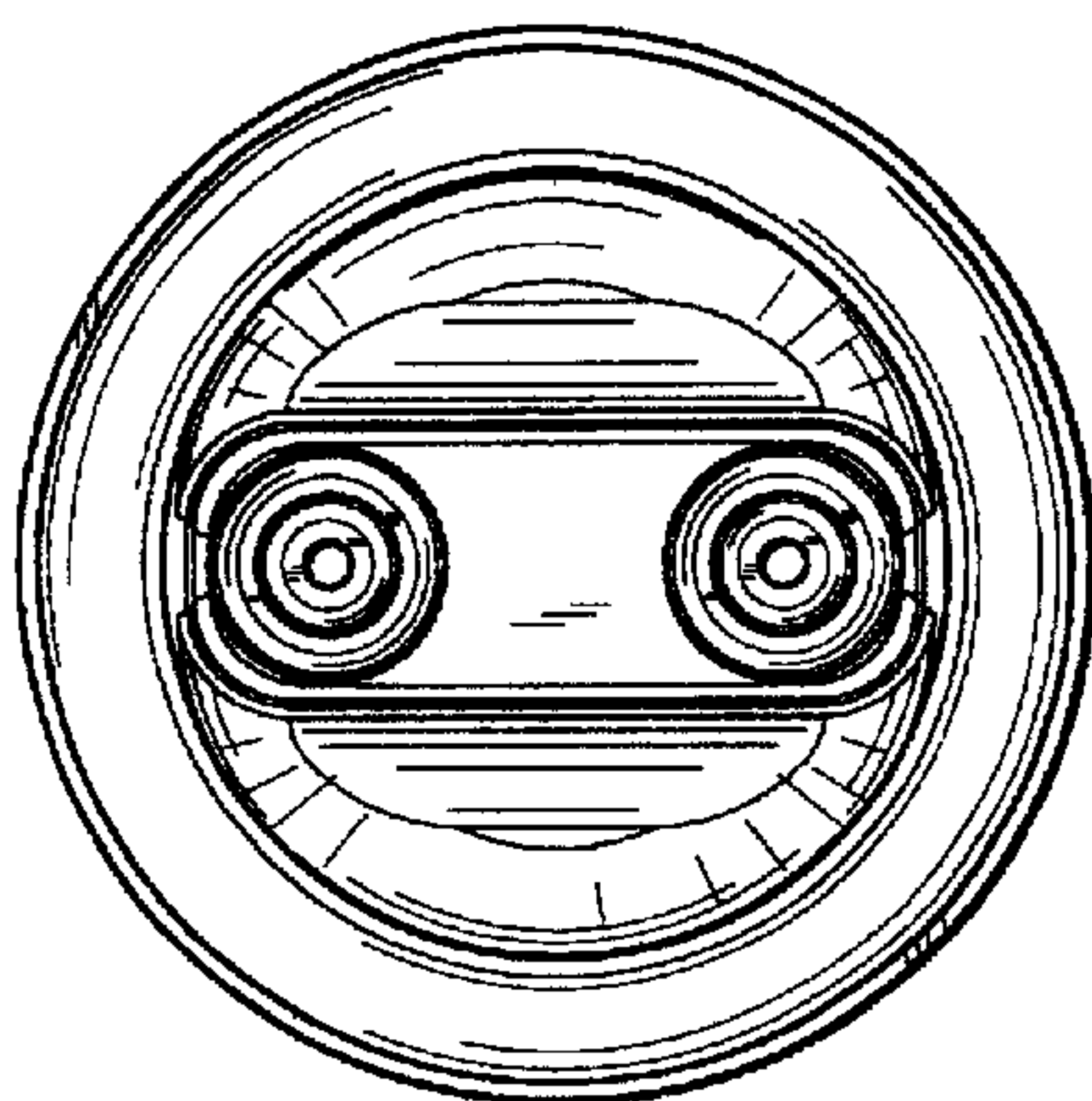


FIG. 9

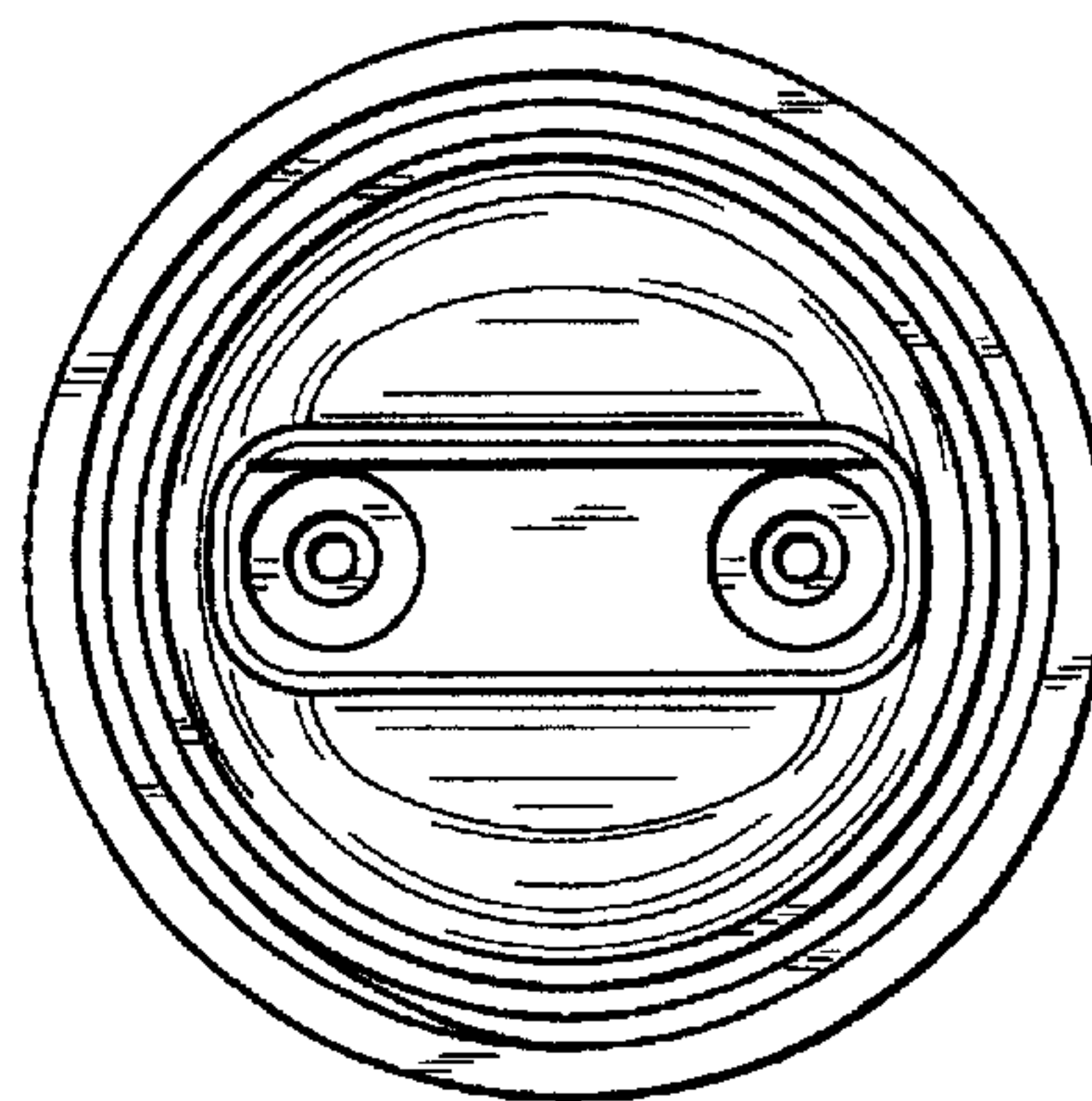


FIG. 10

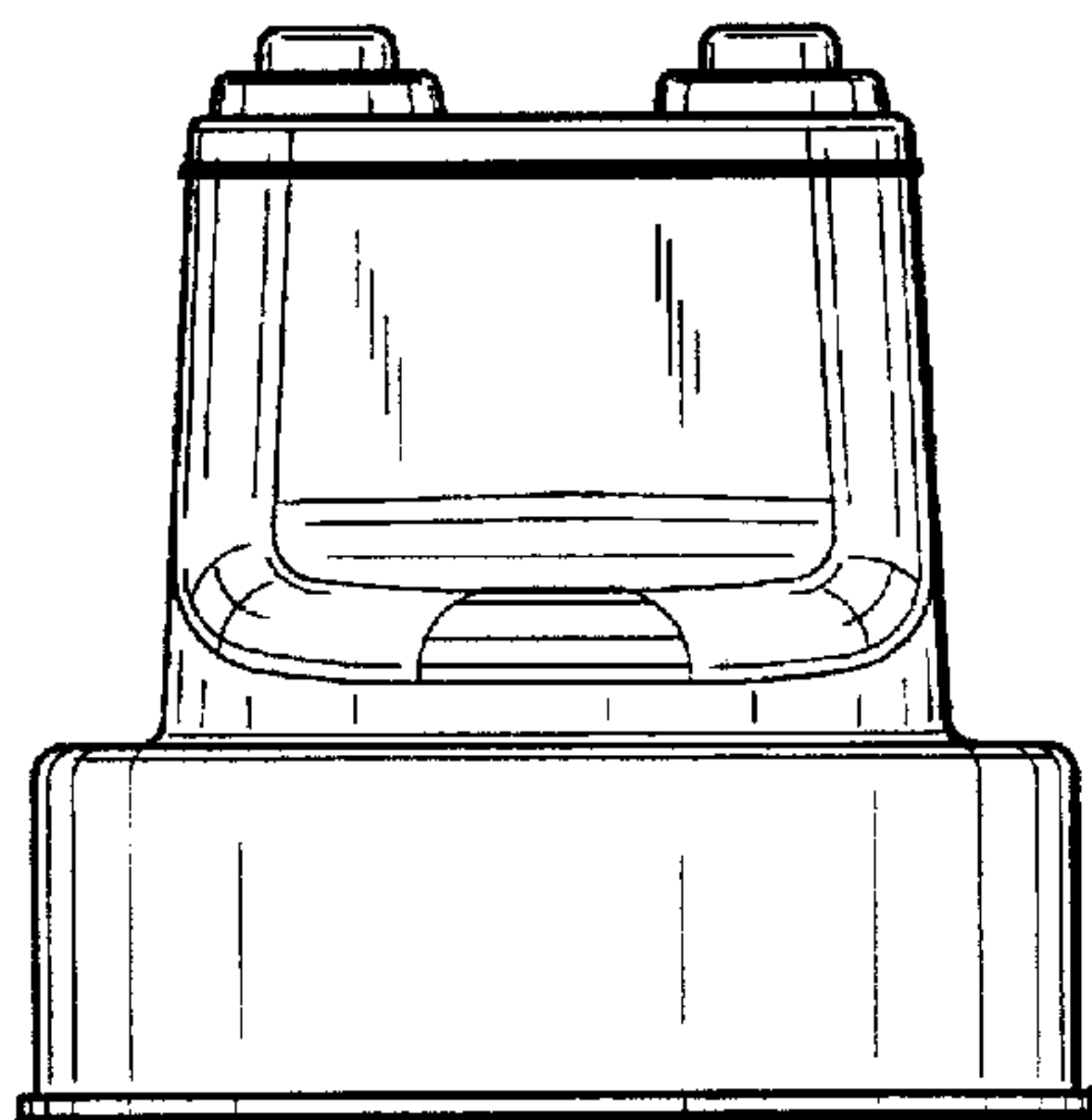


FIG. 11

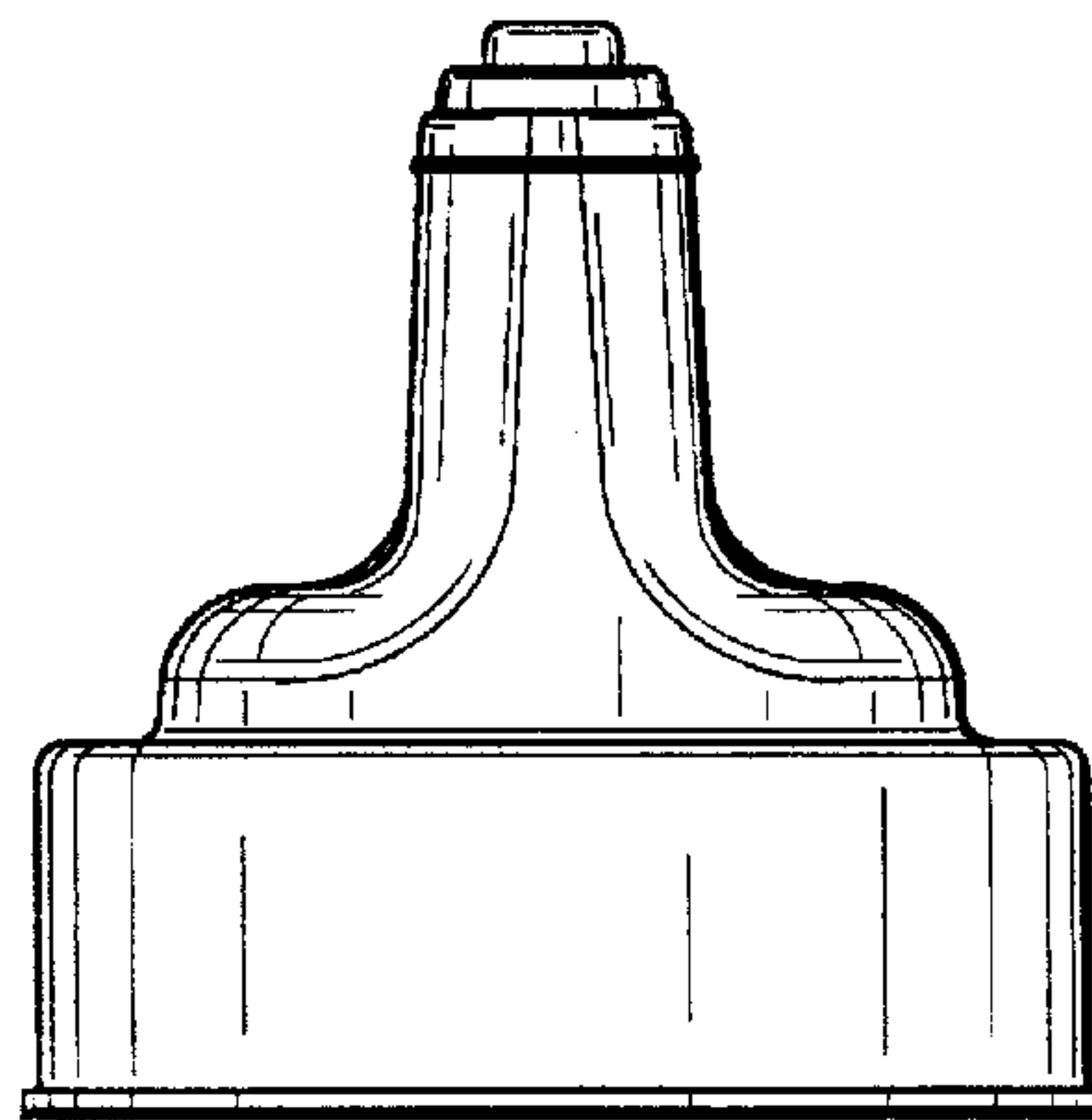


FIG. 12