



US00D404296S

United States Patent [19]

Durliat et al.

[11] **Patent Number: Des. 404,296**

[45] **Date of Patent: **Jan. 19, 1999**

[54] **DUAL TUBE AND CLOSURE ASSEMBLY**

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[73] Assignee: **Owens-Illinois Closure Inc.**, Toledo, Ohio

[**] Term: **14 Years**

[21] Appl. No.: **71,939**

[22] Filed: **Jun. 10, 1997**

[51] **LOC (6) Cl. 09-01**

[52] **U.S. Cl. D9/302**

[58] **Field of Search** D9/302, 341, 431, D9/432, 529, 560; 222/92, 94, 95, 107, 129, 131, 145.1, 215

[56] **References Cited**

U.S. PATENT DOCUMENTS

D. 214,549	7/1969	Ledewitz	.....	D9/341
D. 356,026	3/1995	Iaia	.	
D. 374,173	10/1996	Linner	.....	D9/302
D. 376,100	12/1996	Beaver	.....	D9/302
D. 376,975	12/1996	Hiro et al.	.....	D9/302
3,347,420	10/1967	Donoghue	.....	222/129
3,581,940	6/1971	Cella	.....	222/94
3,782,600	1/1974	Columbus	.	
3,866,800	2/1975	Schmitt	.....	222/94
4,687,663	8/1987	Schaeffer	.	
4,964,539	10/1990	Mueller	.	
5,052,590	10/1991	Ratcliff	.	
5,137,178	8/1992	Stokes et al.	.....	222/94
5,244,120	9/1993	O'Meara	.	

5,269,441 12/1993 O'Meara .

5,318,203 6/1994 Iaia .

5,356,040 10/1994 Reggiani .

5,628,429 5/1997 Usen et al. 222/94 X

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[57] **CLAIM**

The ornamental design for a dual tube and closure assembly, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a dual tube and closure assembly showing our novel design;

FIG. 2 is a front elevational view;

FIG. 3 is a side elevational view;

FIG. 4 is a fragmentary elevational view of the opposite side;

FIG. 5 is a top plan view;

FIG. 6 is a bottom plan view, FIGS. 1–6 illustrating the dual tube and closure assembly of the invention with the bottoms of the tubes opened for filling;

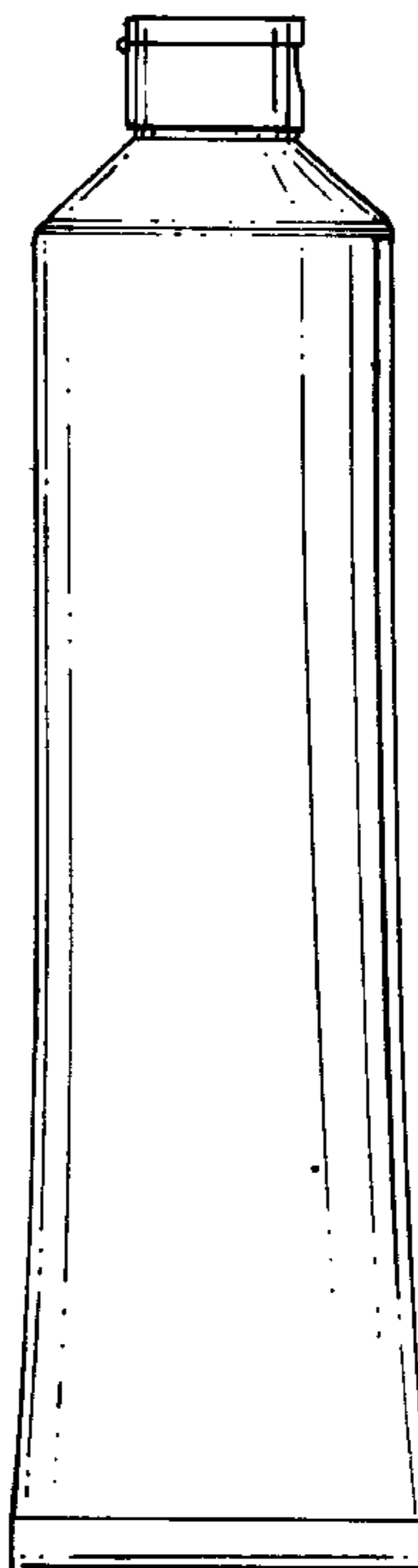
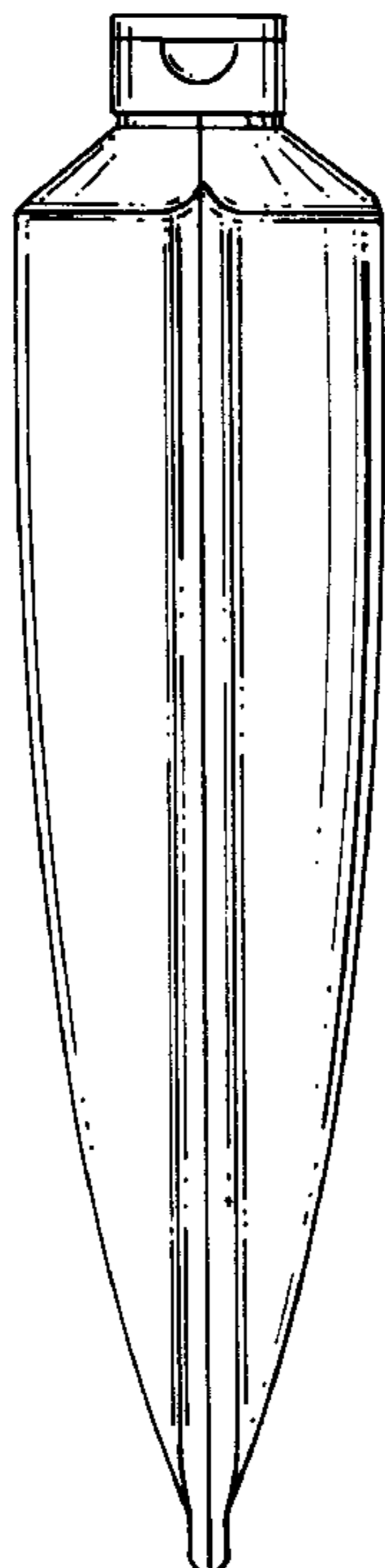
FIG. 7 is an elevational view similar to FIG. 3 showing the lower ends of the tubes closed;

FIG. 8 is an elevational view similar to FIG. 2 showing the bottoms of the tubes closed;

FIG. 9 is a top plan view of the tube and closure assembly shown in FIG. 7; and,

FIG. 10 is a bottom view of the tube and closure assembly shown in FIG. 8, FIGS. 7–10 illustrating the dual tube and closure assembly of FIGS. 1–6 filled and with the tube bottoms closed.

1 Claim, 2 Drawing Sheets



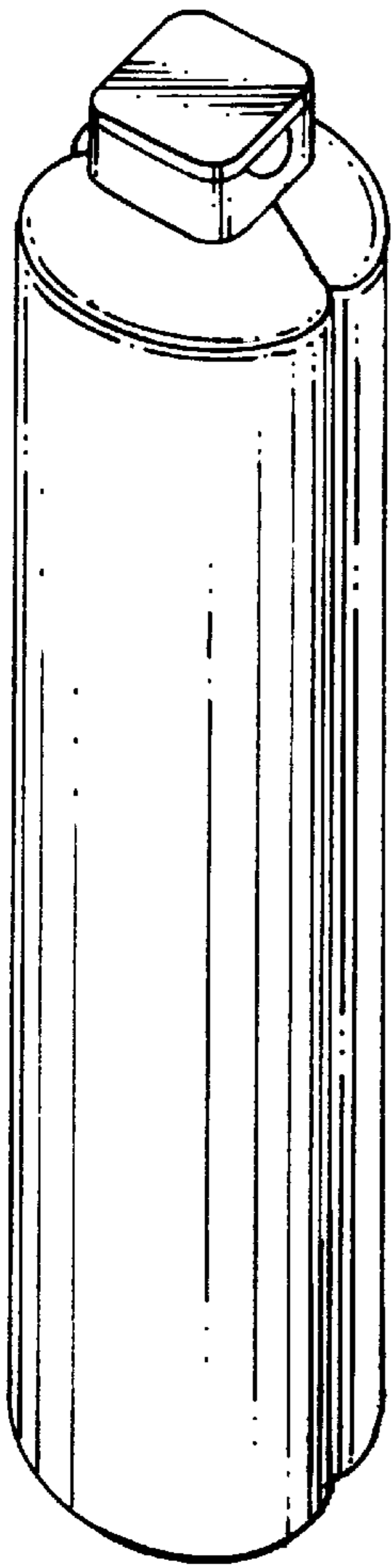


FIG. 1

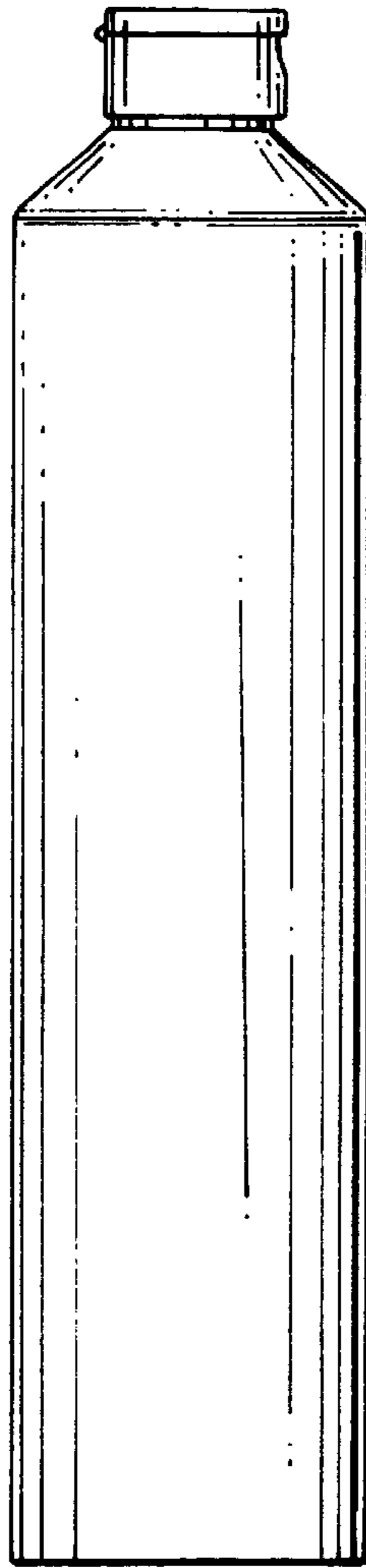


FIG. 2

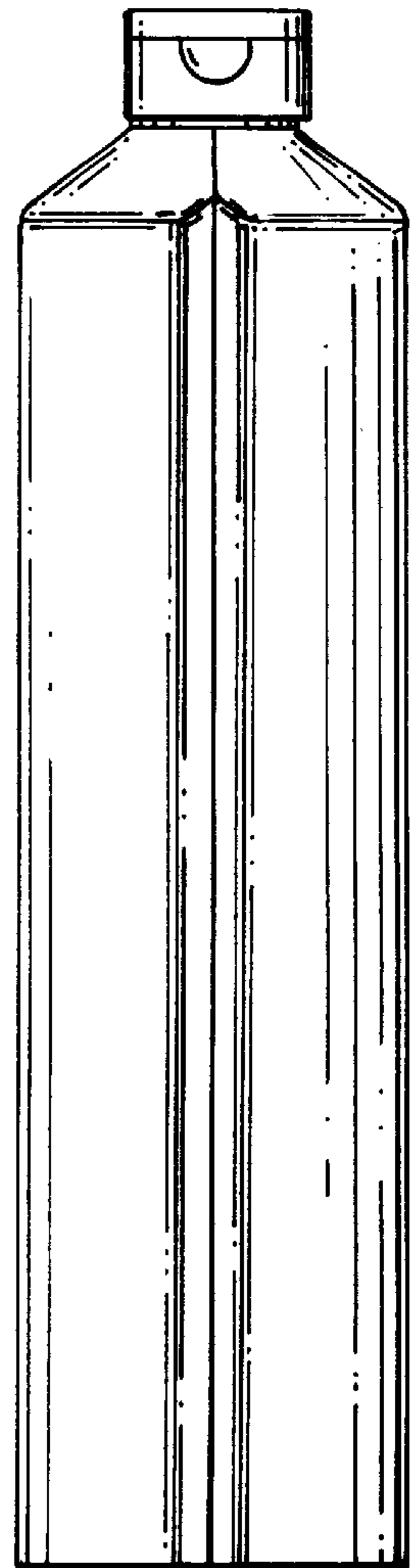


FIG. 3

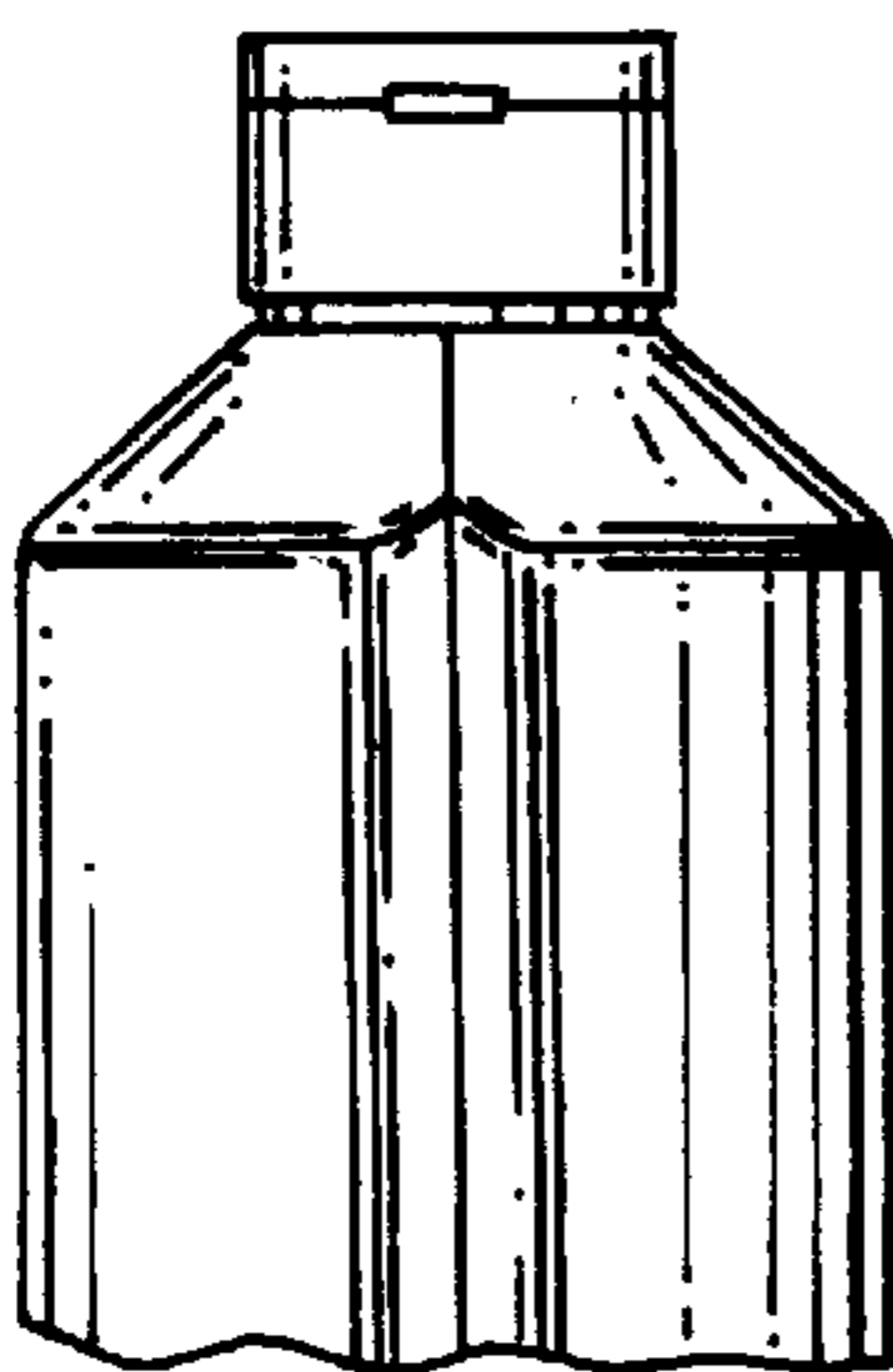


FIG. 4

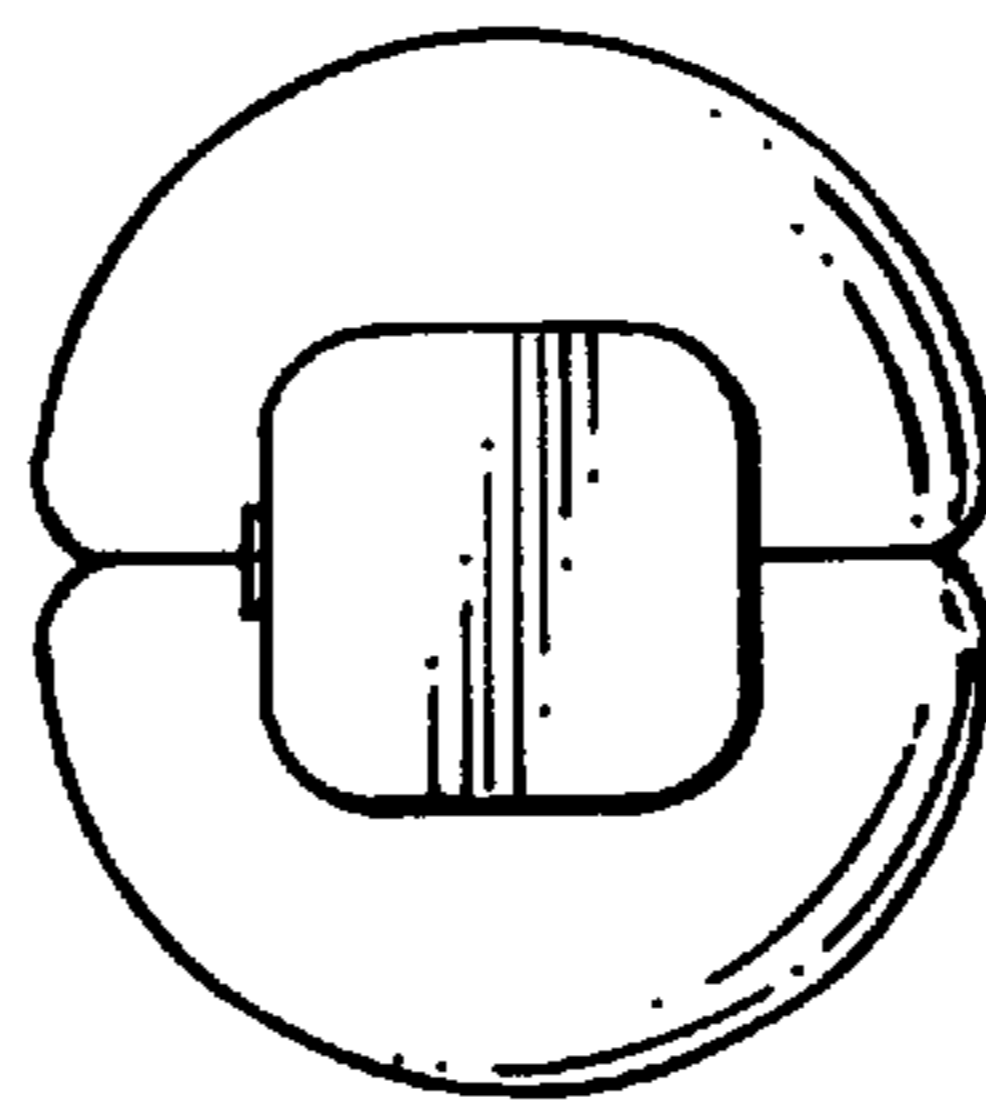


FIG. 5

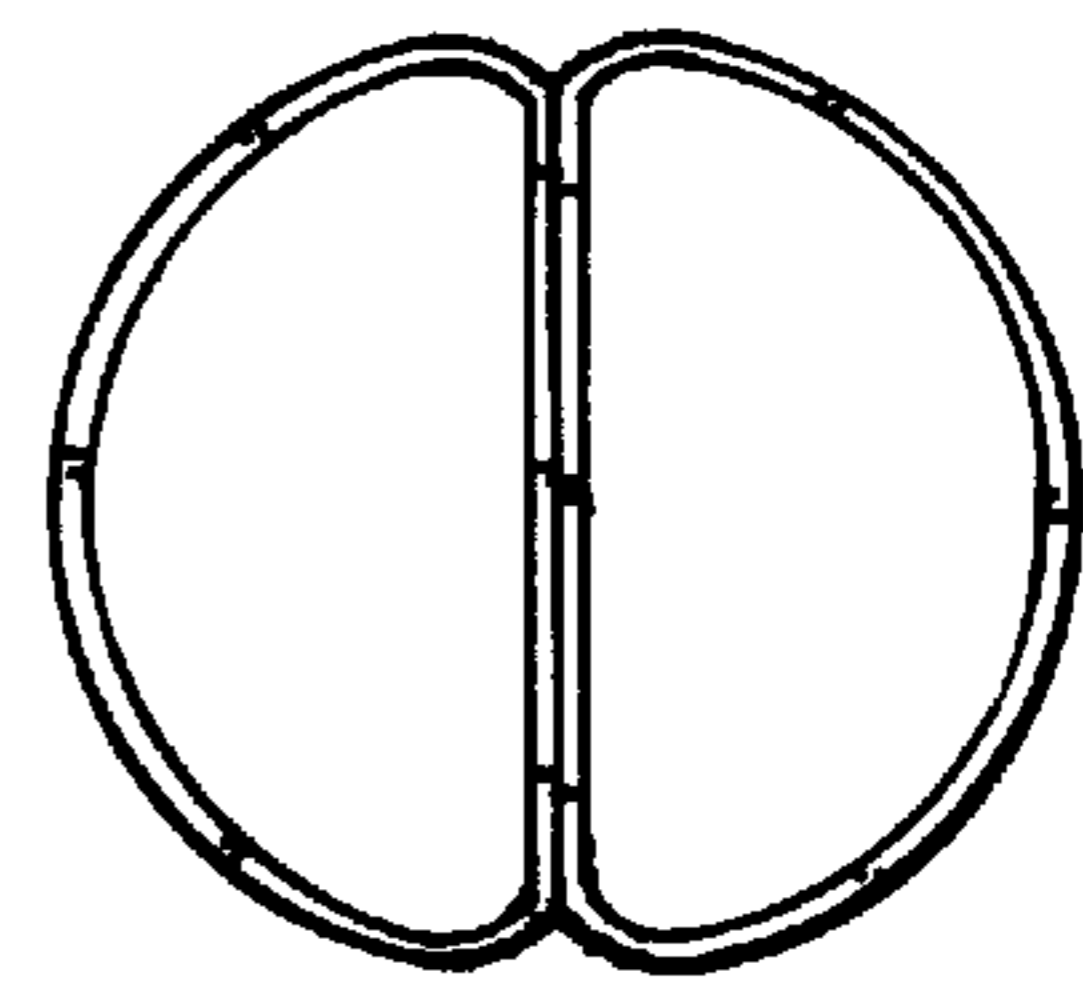


FIG. 6

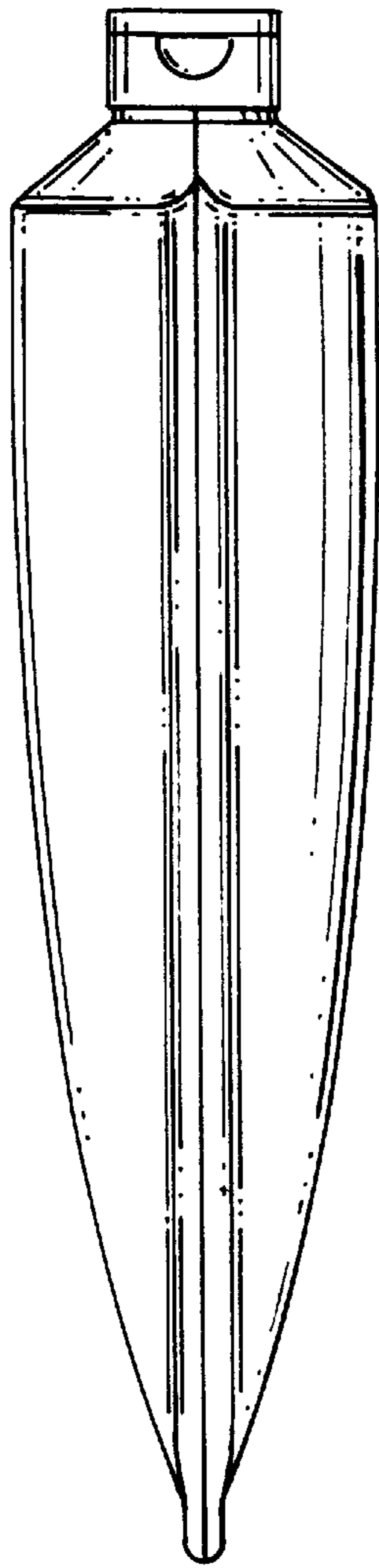


FIG. 7

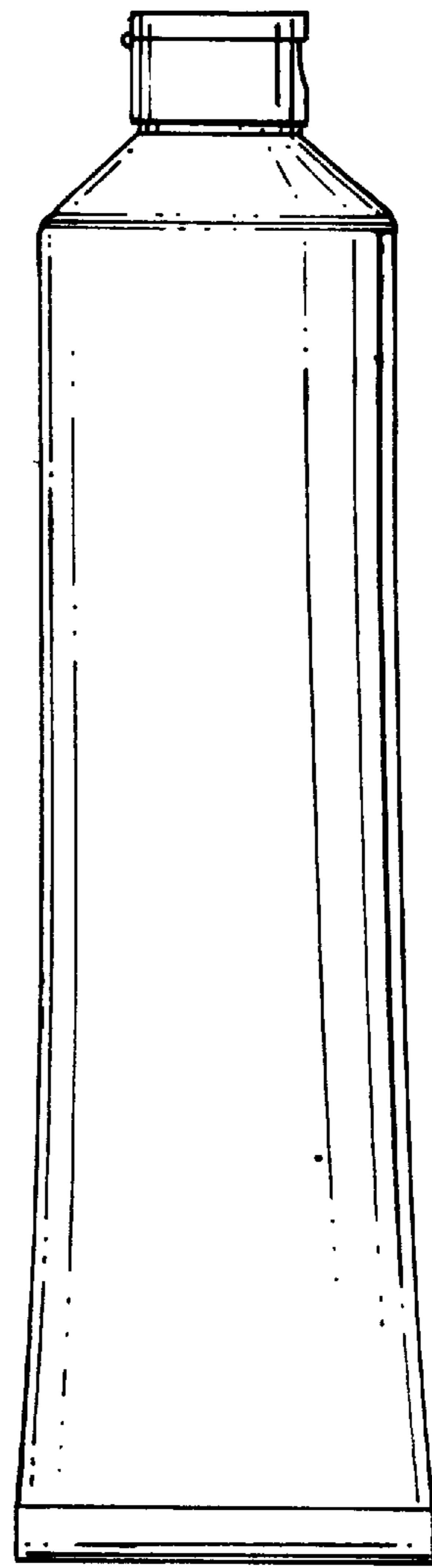


FIG. 8

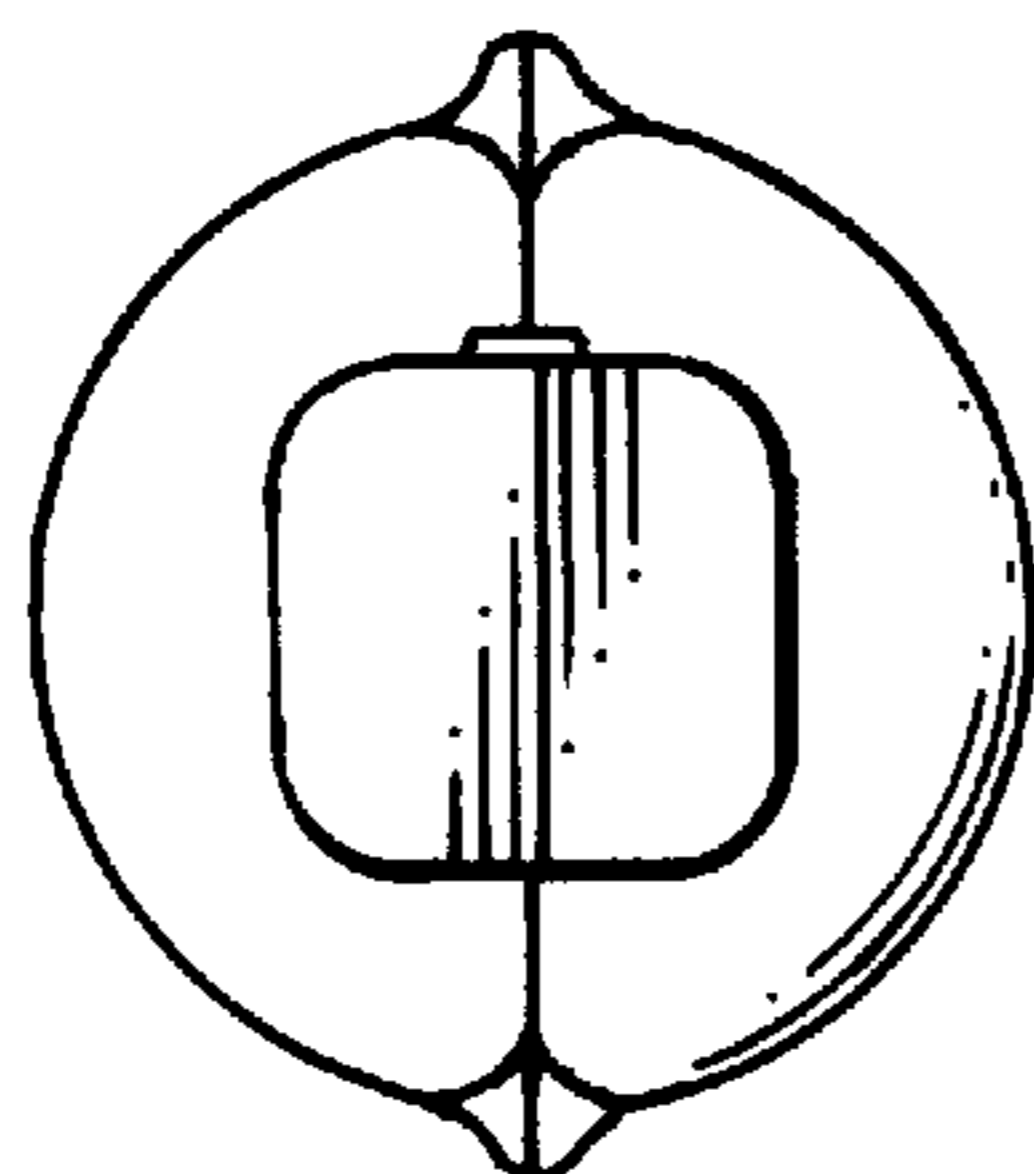


FIG. 9

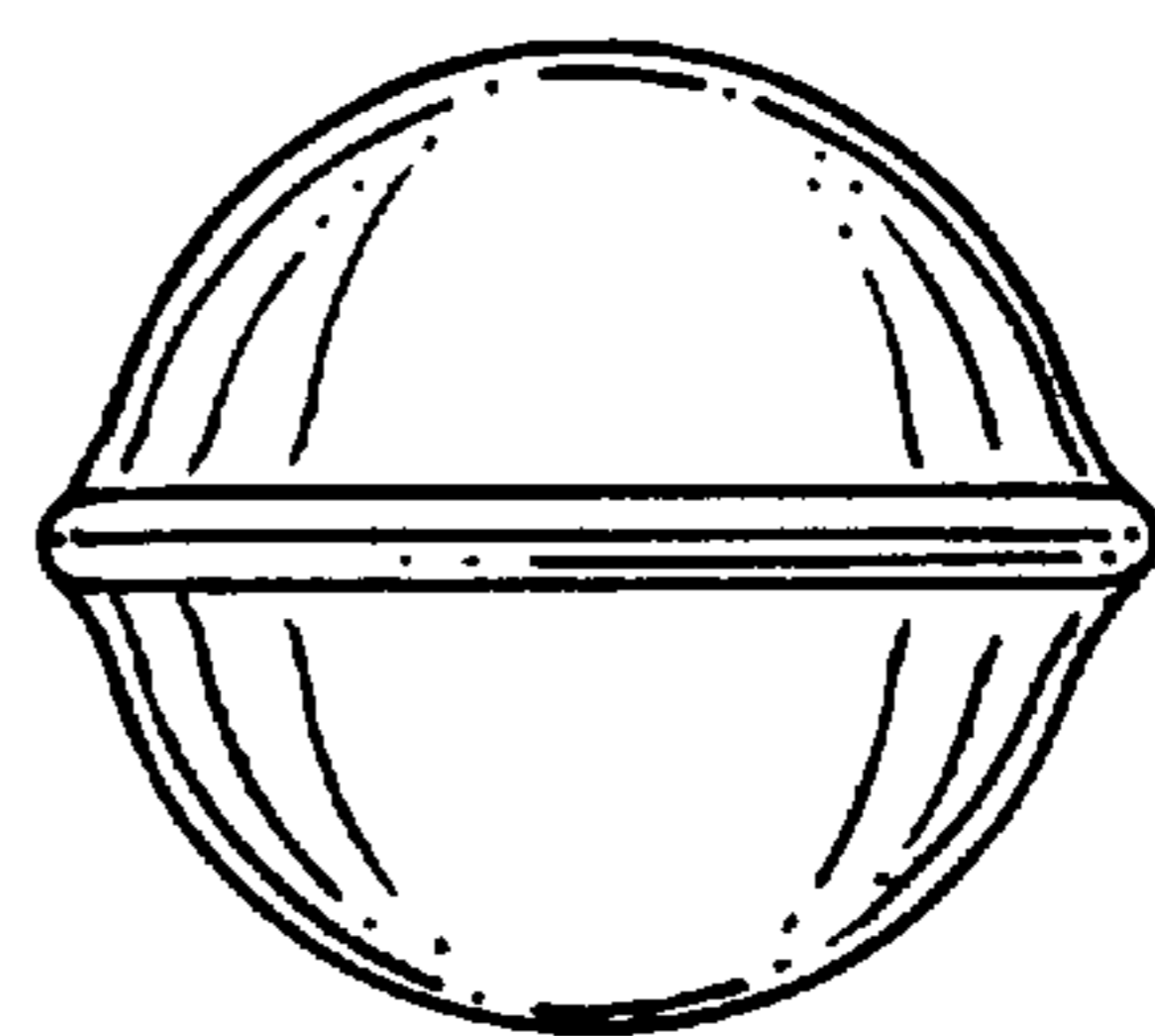


FIG. 10