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# United States Patent [19]

Hamanaga

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## [54] SOUND ARRESTER FOR WIND INSTRUMENT

[75] Inventor: Shinji Hamanaga, Hamamatsu, Japan

[73] Assignee: Yamaha Corporation, Japan

[\*\*] Term: 14 Years

[21] Appl. No.: 45,511

[22] Filed: Oct. 23, 1995

### [30] Foreign Application Priority Data

Apr. 24, 1995 [JP] Japan ..... 7-011511

[51] LOC (6) Cl. .... 17-02

[52] U.S. Cl. .... D17/13; 84/400

[58] Field of Search ..... D17/10, 13; 84/400, 84/453

### [56] References Cited

#### U.S. PATENT DOCUMENTS

D. 210,247	2/1968	Olson et al. ....	D17/13
D. 258,215	2/1981	Berg .....	D17/13
2,917,964	12/1959	Cassinelli .....	D17/13
3,555,956	1/1971	Martin .....	84/400
3,760,679	9/1973	Gossick et al. ....	84/400
4,226,162	10/1980	Ebach .....	84/400
4,273,021	6/1981	Mackie .....	84/400
4,273,022	6/1981	Bell .....	84/400
5,309,808	5/1994	Tarrant .....	84/400

#### FOREIGN PATENT DOCUMENTS

2649286	5/1978	Germany .....	84/400
2-34716	8/1986	Japan .	
2-119697	3/1989	Japan .	
9612	6/1895	United Kingdom .....	84/400

#### OTHER PUBLICATIONS

Grossman Music Corp. Catalog, 1968 p. 204 ("French Line" mutes).

ITG Journal; May 1994; p. 73; Peacemaker Practice Mute advertisement.

Band Journal (Japanese publication); Dec. 10, 1995; p. 164.

Arnold Stolz GmbH (catalog); pp. 178-181.

FMB Fachmarkt Blasinstrumente GmbH (German catalog); pp. 200-207.

Yamaha Catalogue (Japanese); Apr. 1, 1995; pp. 184-185.

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### [57] CLAIM

The ornamental design for sound arrester for wind instrument, as shown and described.

### DESCRIPTION

FIG. 1 is a perspective view of a sound arrester for wind instrument looking from the upper right-side direction thereof;

FIG. 2 is a front view thereof;

FIG. 3 is a rear view thereof;

FIG. 4 is a left-side view thereof;

FIG. 5 is a right-side view thereof;

FIG. 6 is a top view thereof;

FIG. 7 is a bottom view thereof;

FIG. 8 is a sectional view taken along line 8—8 of FIG. 2;

FIG. 9 is a perspective view of a sound arrester for wind instrument with a cover removed thereof;

FIG. 10 is a front view thereof;

FIG. 11 is a rear view thereof;

FIG. 12 is a right-side view thereof;

FIG. 13 is a left-side view thereof;

FIG. 14 is a top view thereof;

FIG. 15 is a bottom view thereof; and,

FIG. 16 is a sectional view taken along line 16—16 of FIG. 10.

1 Claim, 4 Drawing Sheets

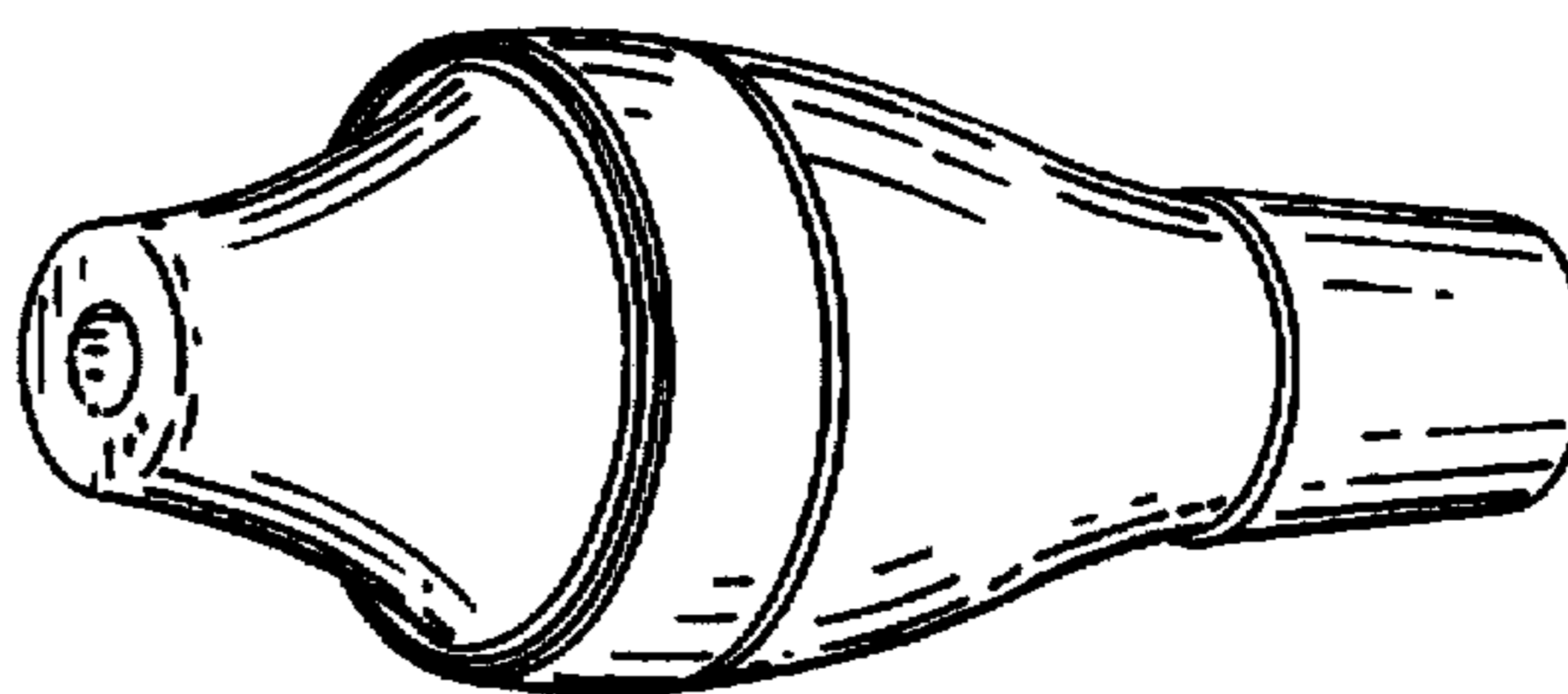
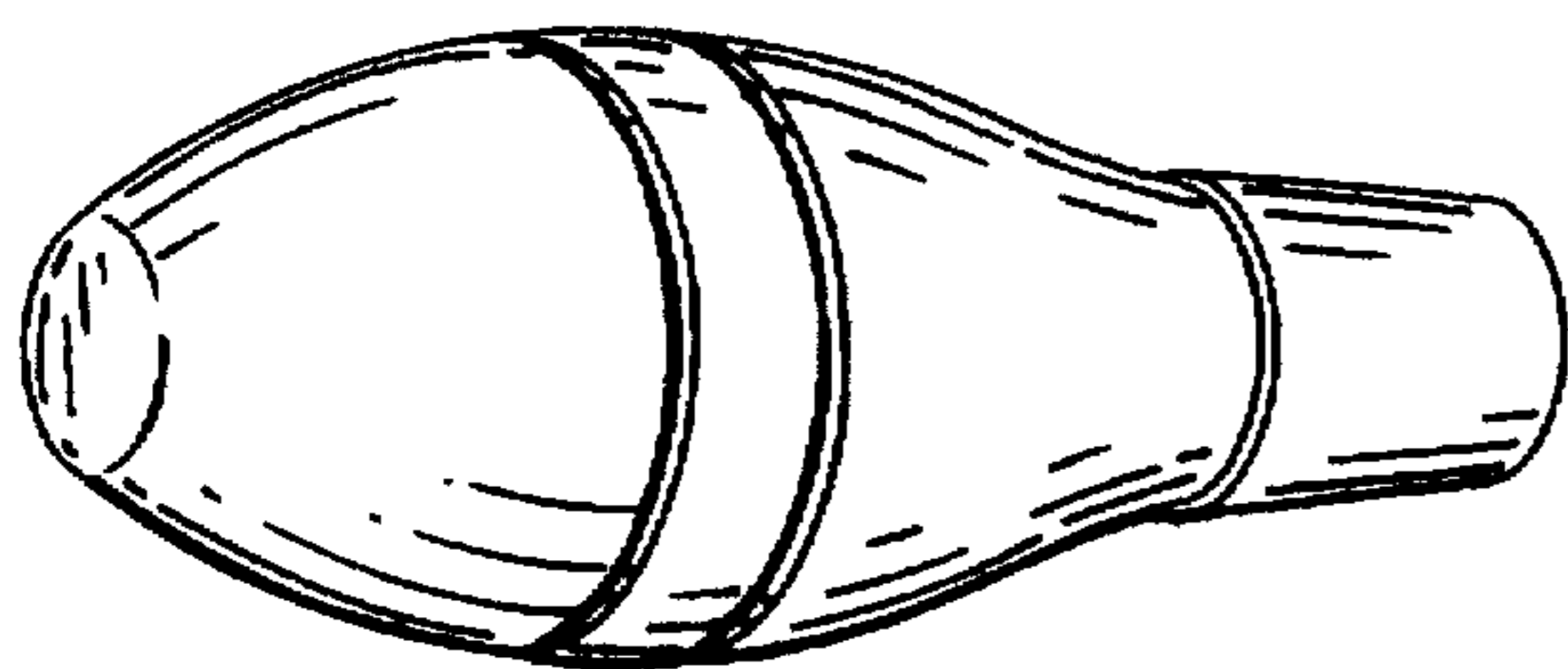


FIG. 1

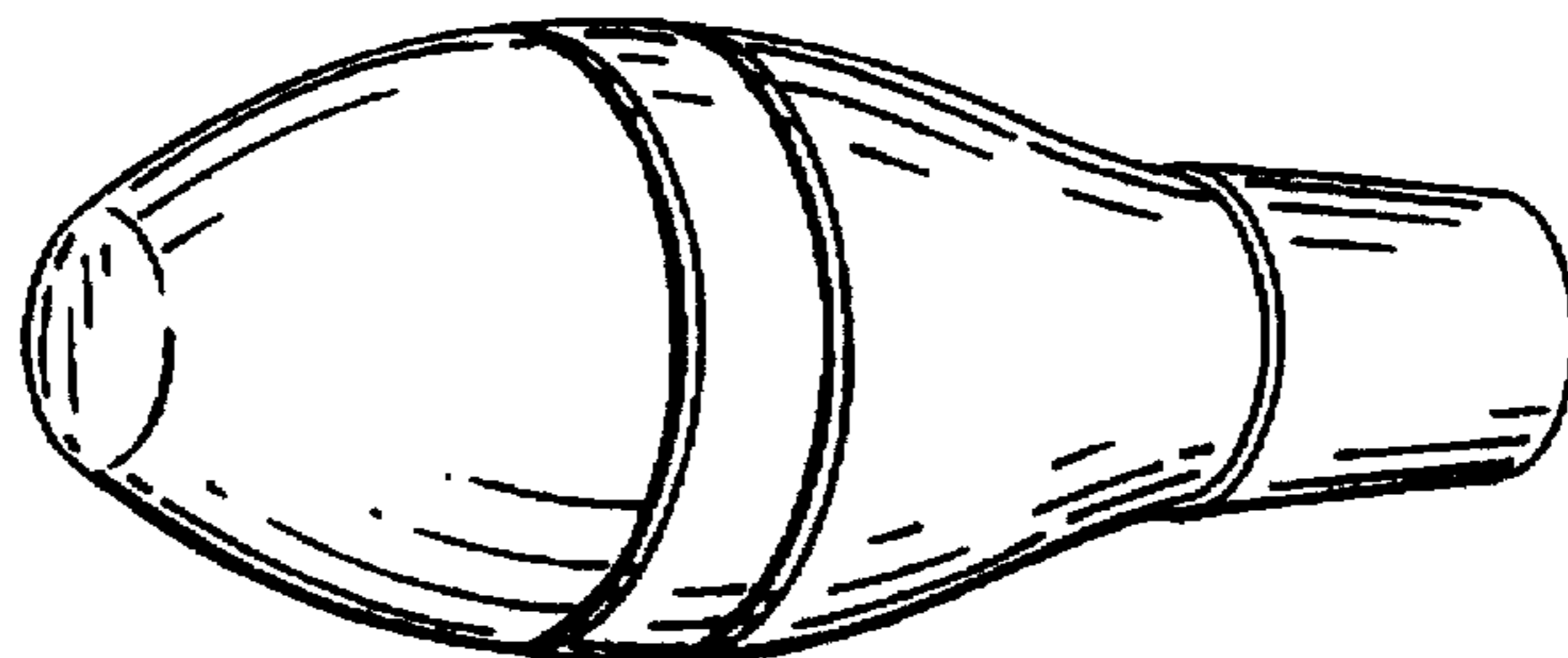


FIG. 2

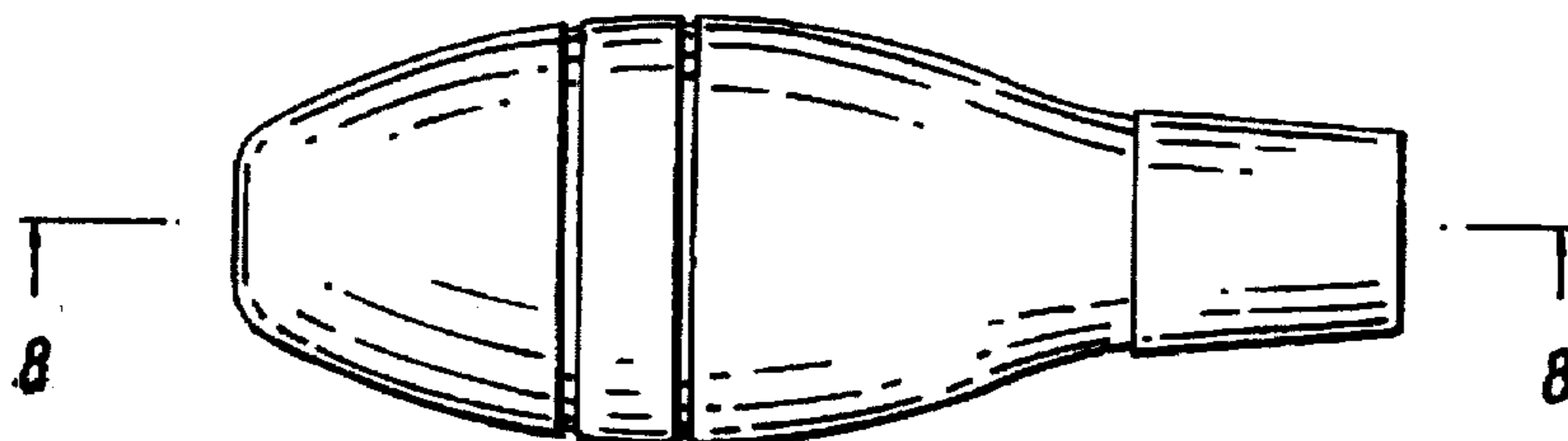


FIG. 3

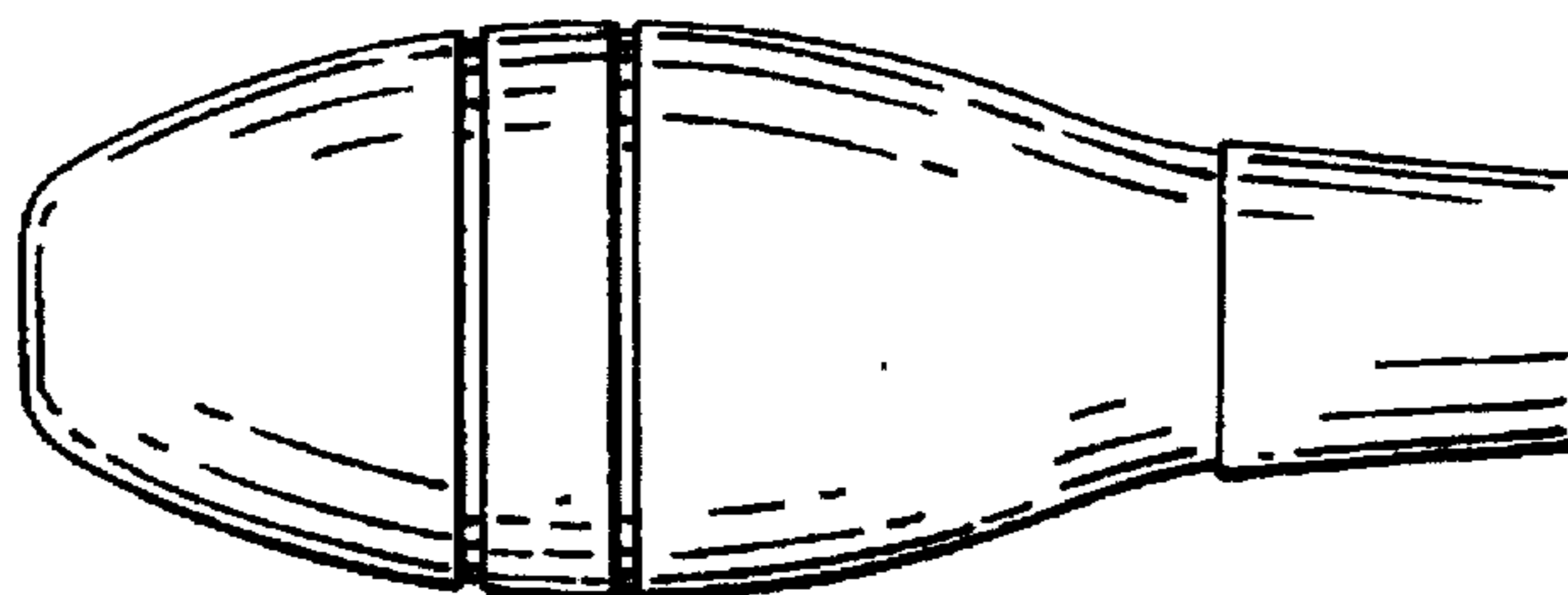


FIG. 4

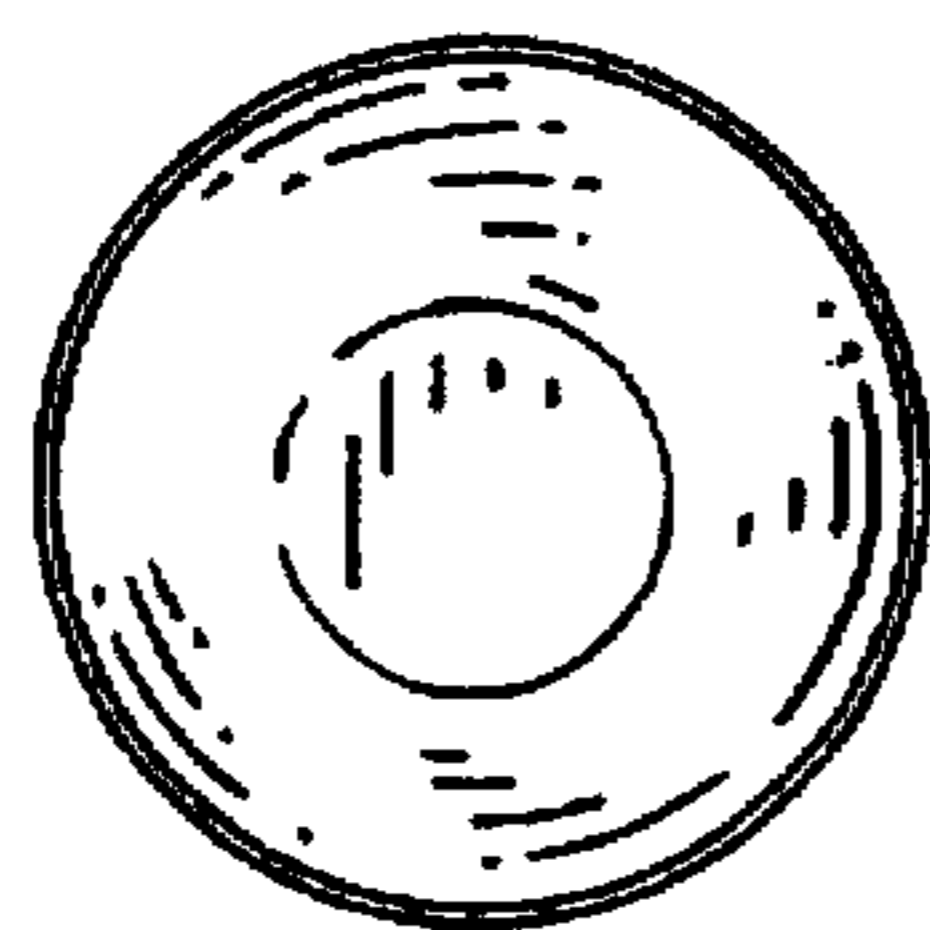


FIG. 5

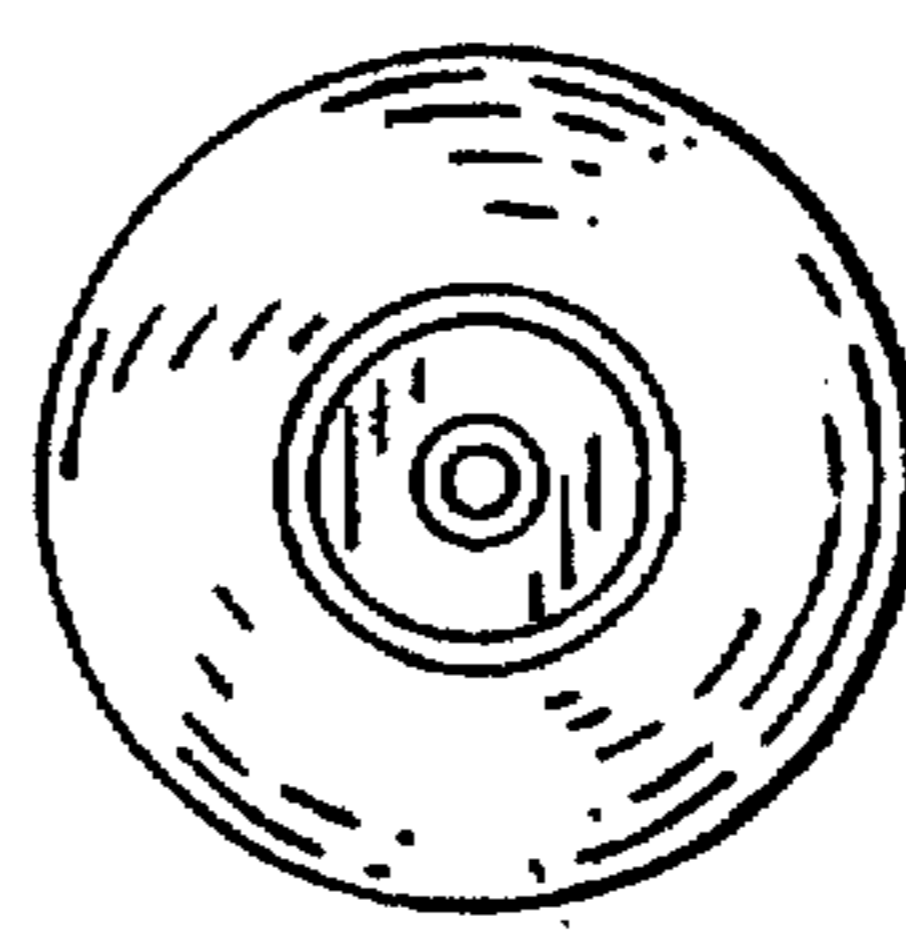


FIG. 6

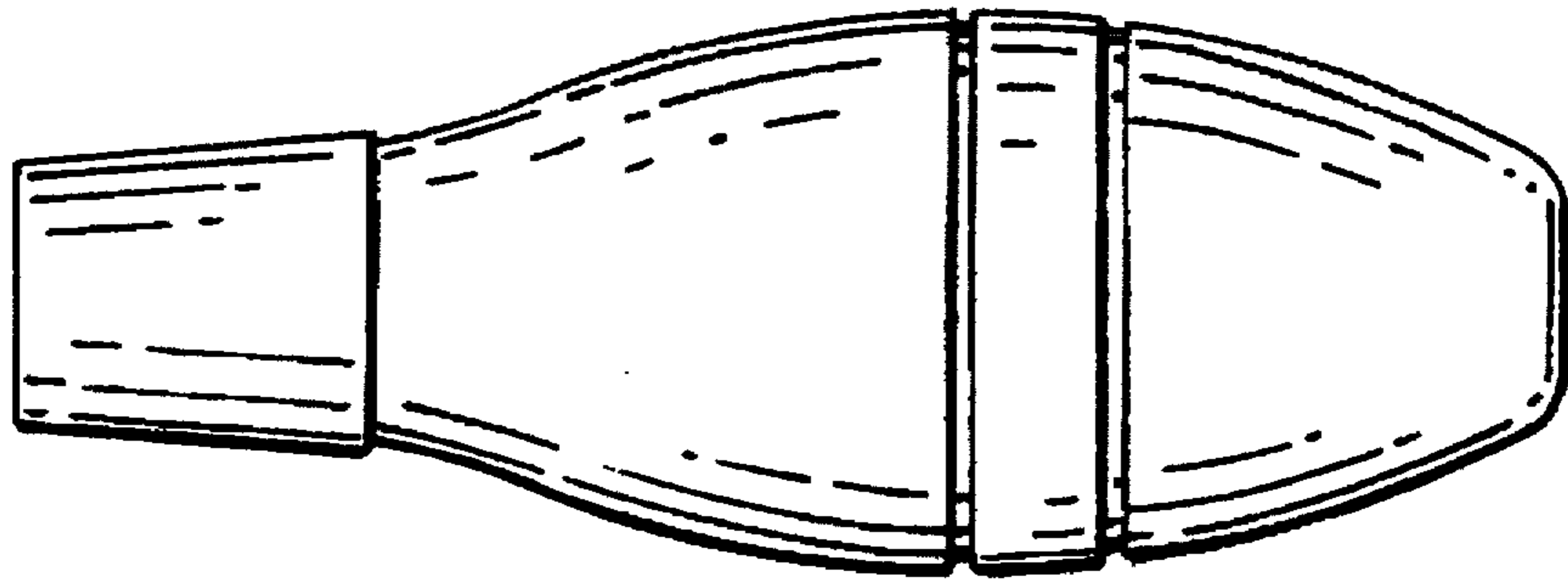


FIG. 7

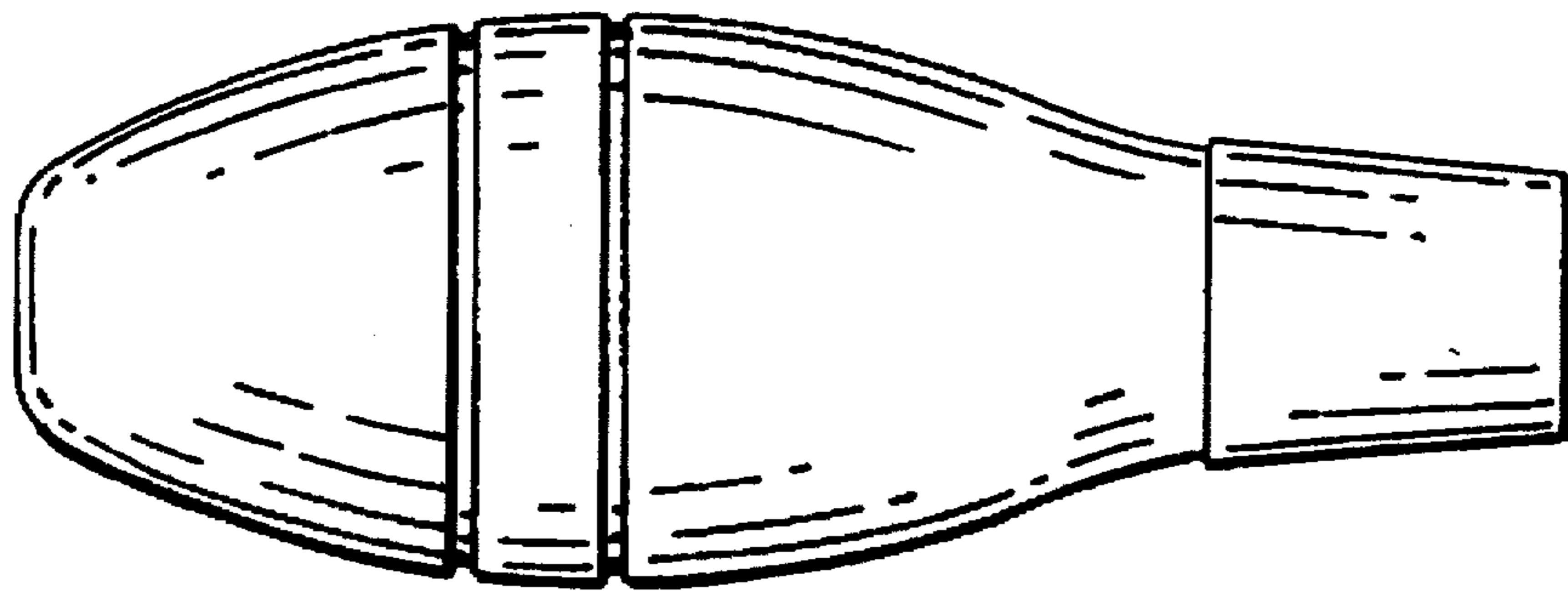


FIG. 8

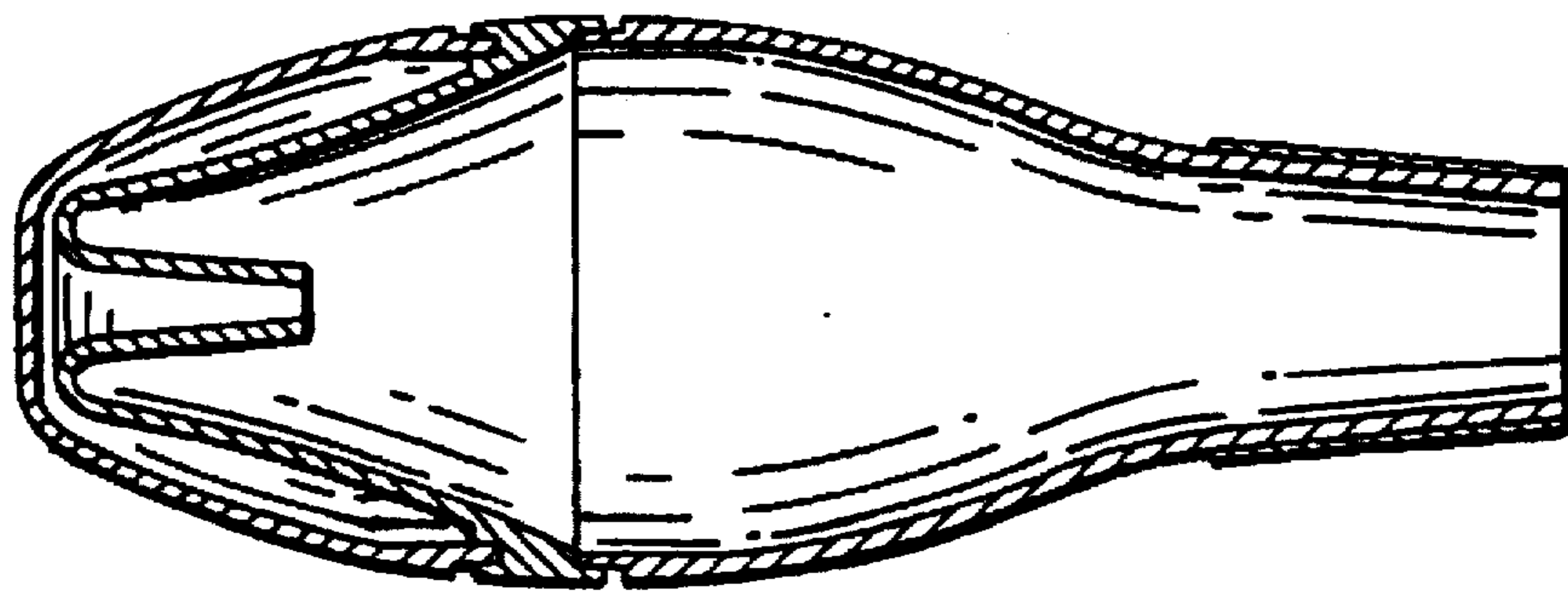


FIG. 9

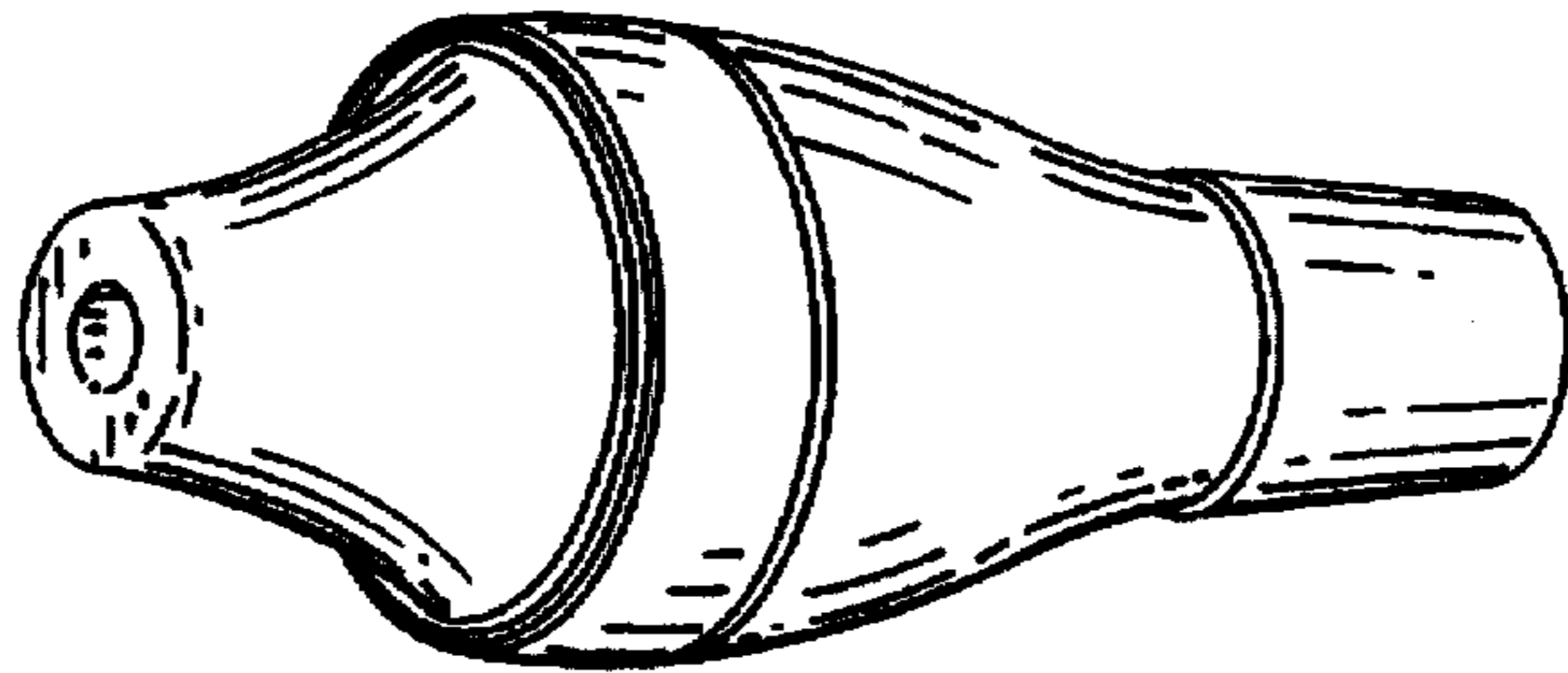


FIG. 10

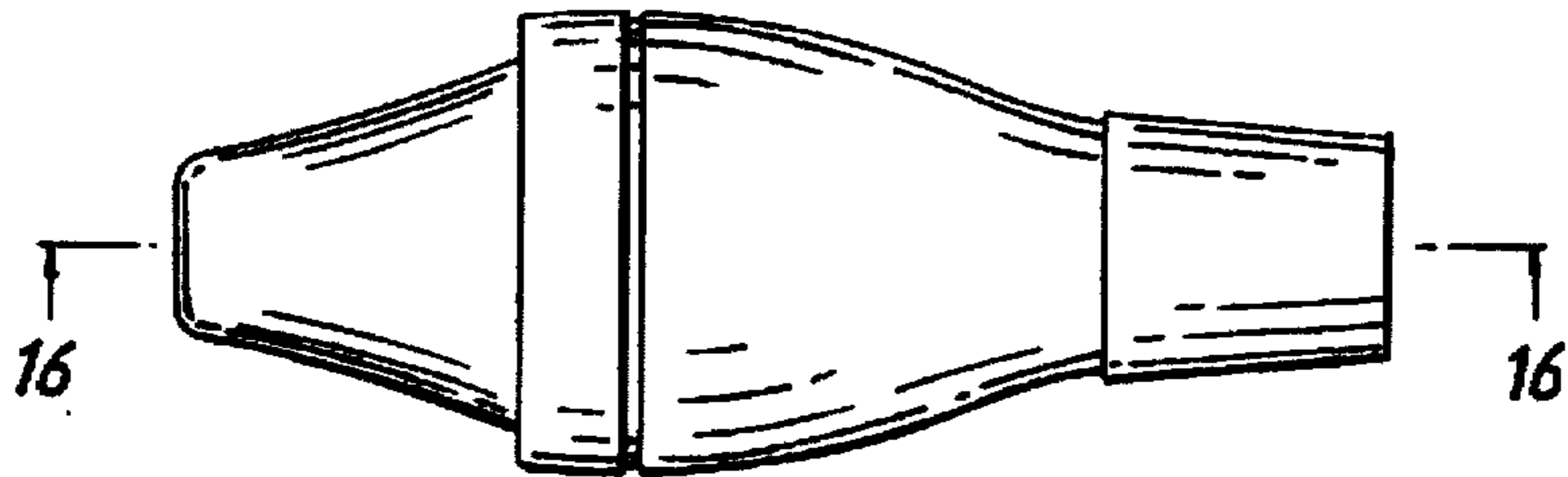


FIG. 11

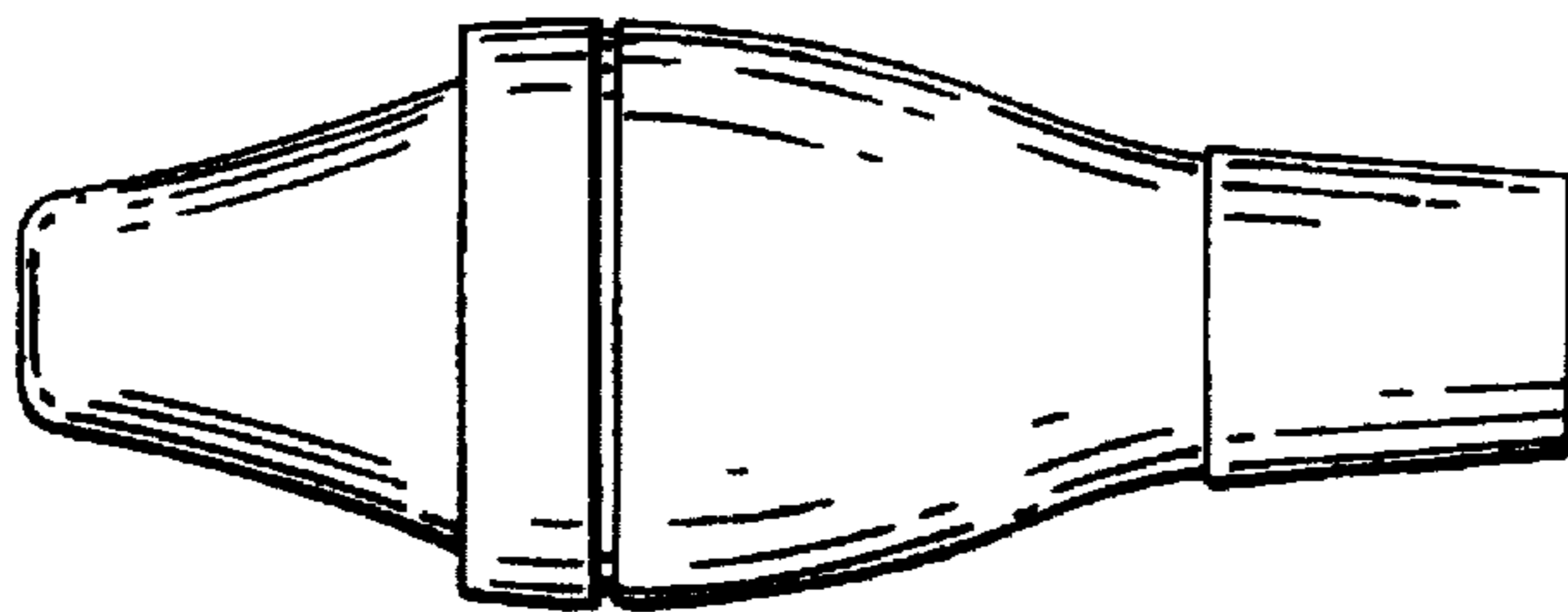


FIG. 12

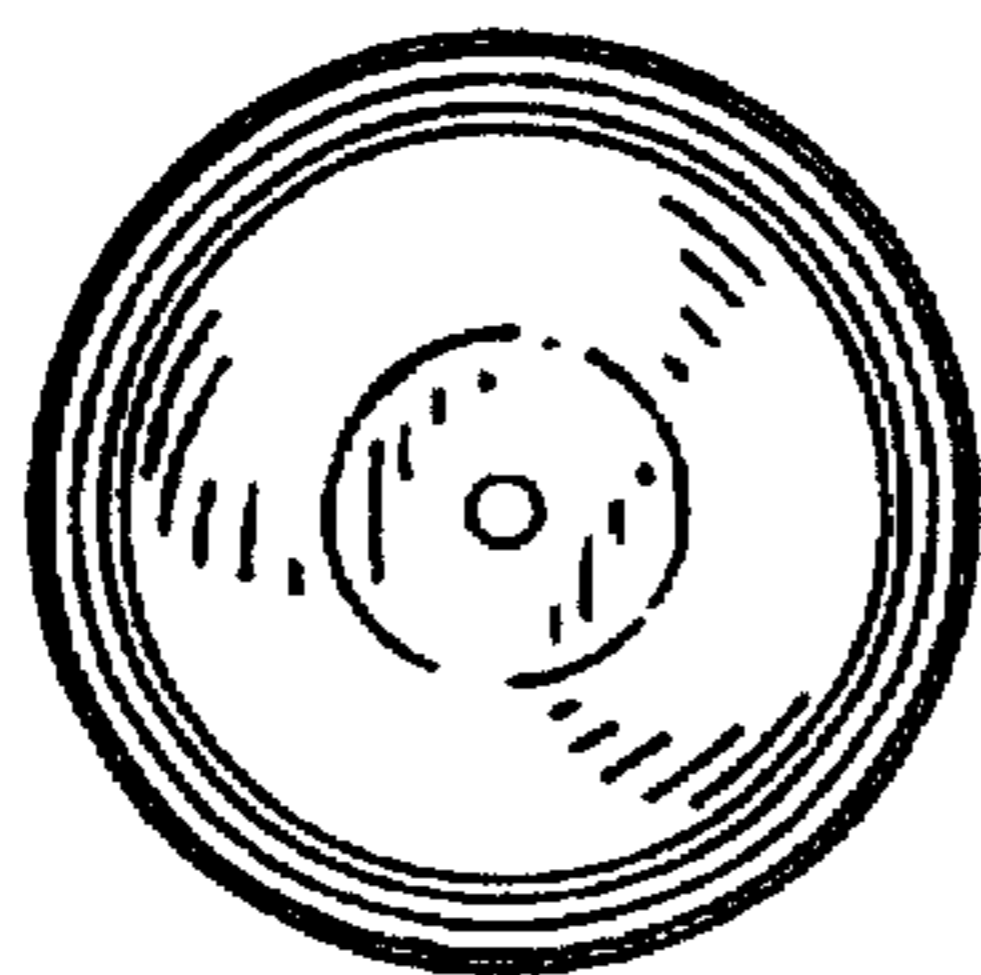


FIG. 13

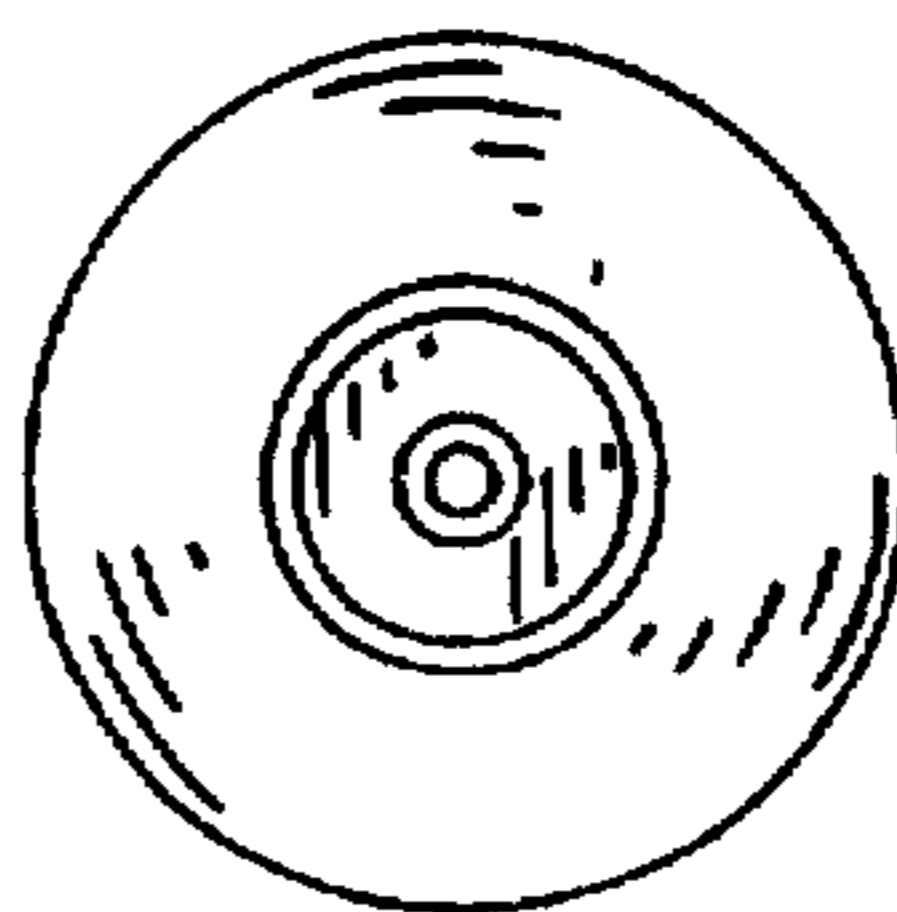


FIG. 14

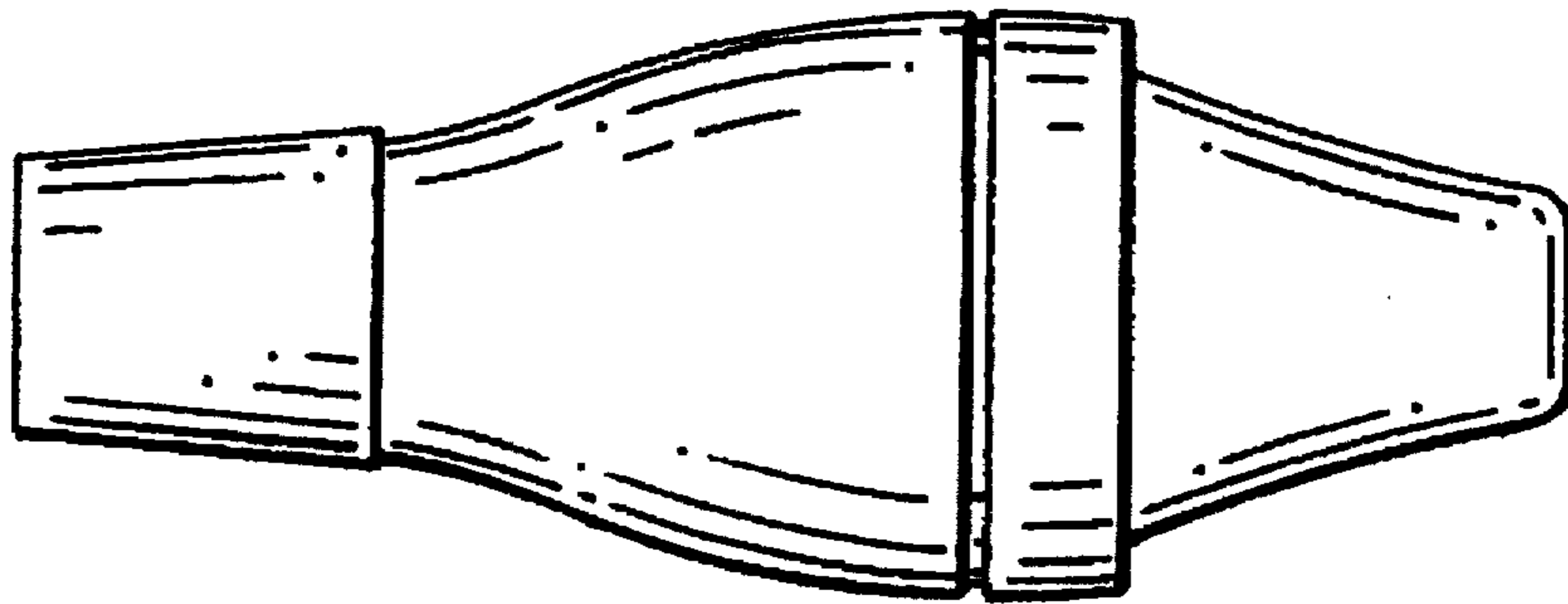


FIG. 15

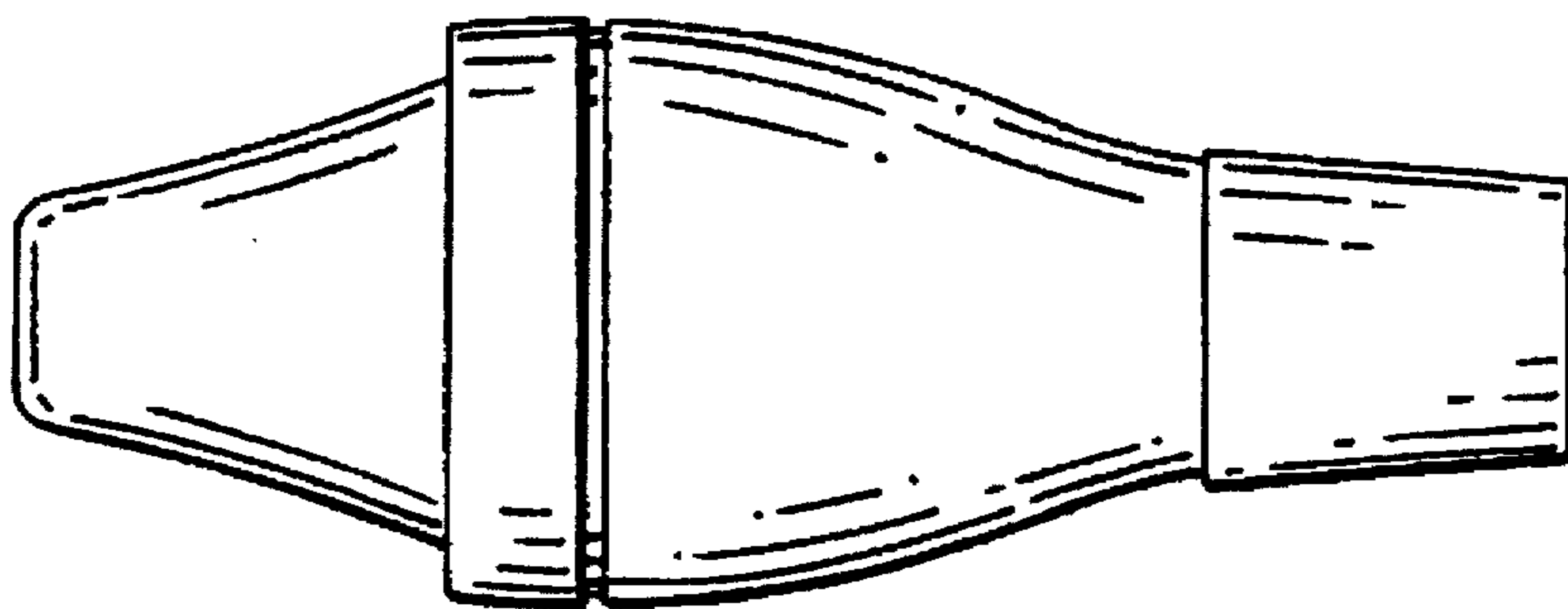


FIG. 16

