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United States Patent [19] Sayers

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[54] ACTUATOR FOR A LIQUID DISPENSER

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

[**] Term: 14 Years

[21] Appl. No.: 29/076,835

[22] Filed: Sep. 24, 1997

Related U.S. Application Data

[63] Continuation-in-part of application No. 29/050,710, Feb. 23, 1996, Pat. No. Des. 396,188.

[51] LOC (6) Cl. 09-07

[52] U.S. Cl. D9/448

[58] Field of Search D9/300, 447, 449;
222/153.1, 153.11, 153.12, 153.13, 153.14,
320, 321.1, 321.7, 321.8, 321.9, 383.1-386

[56] References Cited

U.S. PATENT DOCUMENTS

- Re. 24,599 2/1959 Campbell .
- D. 177,796 5/1956 Collins D9/448
- D. 208,825 10/1967 Hutton .
- D. 218,553 9/1970 Nigro .
- D. 219,124 11/1970 Gortz et al. .
- D. 224,508 8/1972 Newby .
- D. 234,342 2/1975 Schick D9/448
- D. 253,398 11/1979 Niemeyer et al. .
- D. 272,988 3/1984 Podall et al. .
- D. 275,933 10/1984 Topor et al. .
- D. 279,511 7/1985 Matsubara .
- D. 291,972 9/1987 Pfeiffer .
- D. 314,149 1/1991 Guilbert .
- D. 314,688 2/1991 Guillerm .
- D. 317,253 6/1991 Seager D9/300
- D. 327,003 6/1992 Schneider et al. D9/300
- D. 332,223 1/1993 Albertson D9/448
- D. 338,616 8/1993 MacDonald D9/448 X
- D. 347,385 5/1994 Kunesh .
- D. 349,045 7/1994 Schmitt .
- D. 356,947 4/1995 Mueller D9/300

- D. 371,738 7/1996 Lamb D9/448
- 1,756,279 4/1930 Campbell, Jr. .
- 1,788,795 1/1931 Hoban .
- 2,150,485 3/1939 Bernhardt .
- 2,231,779 2/1941 Swartzel .
- 3,062,416 11/1962 Coopriider .
- 3,146,920 9/1964 Benjamin .

(List continued on next page.)

FOREIGN PATENT DOCUMENTS

- 1399208 6/1964 France .
- 1444567 8/1965 France .
- 1542927 10/1967 France .

OTHER PUBLICATIONS

“Emballages” (1981)—p. 97.

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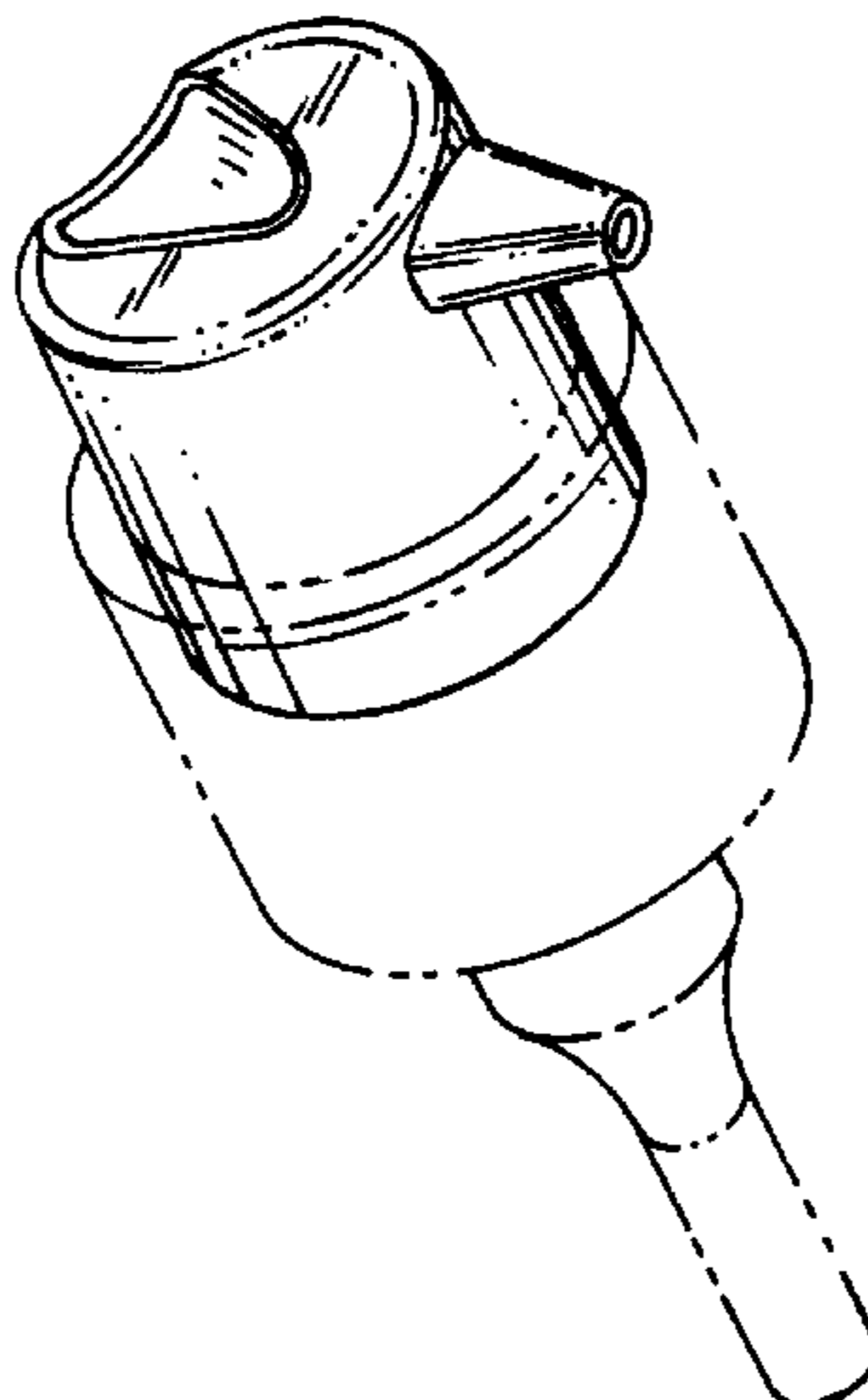
[57] CLAIM

The ornamental design for an actuator for a liquid dispenser, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of the actuator for a liquid dispenser showing my new design;
 FIG. 2 is a side elevation view;
 FIG. 3 is a top plan view;
 FIG. 4 is a rear elevational view;
 FIG. 5 is a front elevational view;
 FIG. 6 is a fragmentary view on an enlarged scale of a portion of the actuator shown in FIG. 5;
 FIG. 7 is a perspective view of a modified form of an actuator for a liquid dispenser showing my new design;
 FIG. 8 is a side elevational view;
 FIG. 9 is a top plan view;
 FIG. 10 is a rear elevational view;
 FIG. 11 is a front elevational view; and,
 FIG. 12 is a fragmentary view on an enlarged scale of a portion of the actuator shown in FIG. 11.
 The broken lines shown in FIGS. 1 and 7 are for illustrative purposes only and form no part of the claimed design.

1 Claim, 2 Drawing Sheets



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U.S. PATENT DOCUMENTS

3,180,535	4/1965	Ward .	4,368,830	1/1983	Soughers .	
3,229,864	1/1966	Roder .	4,371,099	2/1983	Foster et al. .	
3,232,695	2/1966	Monahon .	4,418,842	12/1983	Di Loreto	222/153.01
3,724,726	4/1973	Susuki .	4,462,549	7/1984	Saito et al. .	
3,759,426	9/1973	Kane .	4,511,065	4/1985	Corsette .	
3,908,870	9/1975	Nozawa et al. .	4,516,727	5/1985	Saito et al. .	
4,144,987	3/1979	Kishi .	4,958,752	9/1990	Maerte et al.	222/385
4,183,449	1/1980	Blake .	5,085,350	2/1992	Sugita	222/386 X
			5,388,730	2/1995	Abbott et al.	222/153.13
			5,449,094	9/1995	Behar et al.	222/321.3

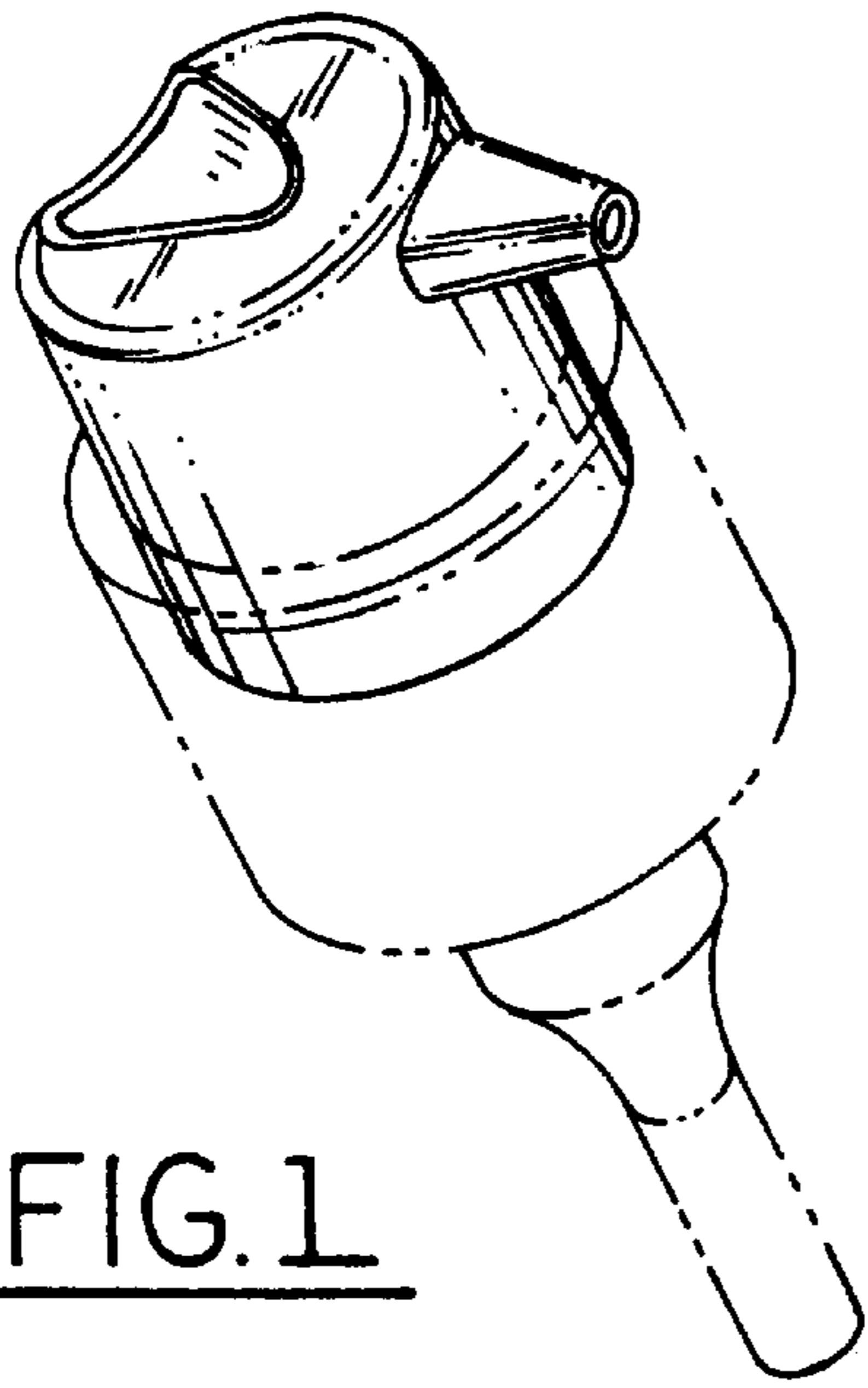


FIG. 1

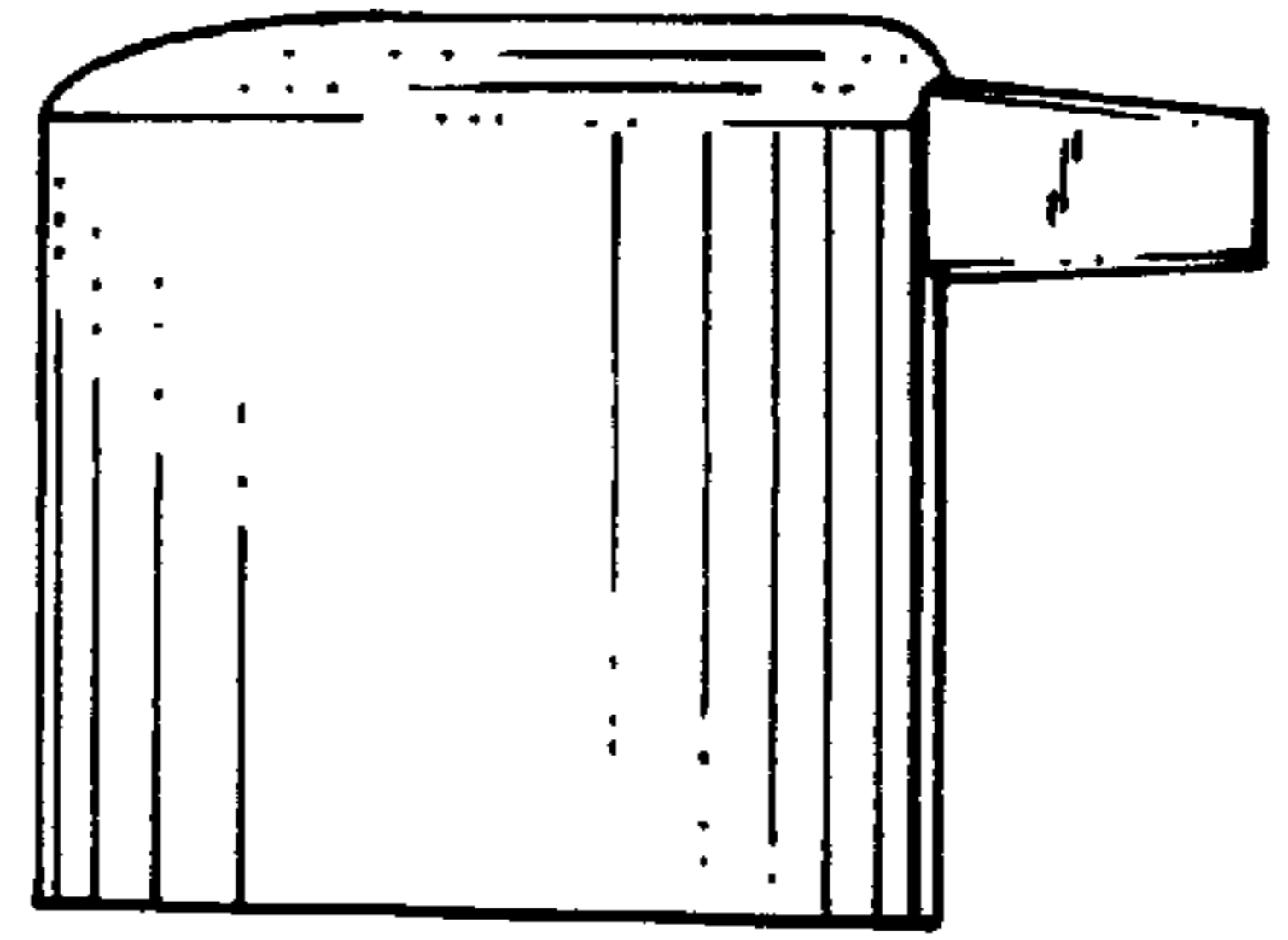


FIG. 2

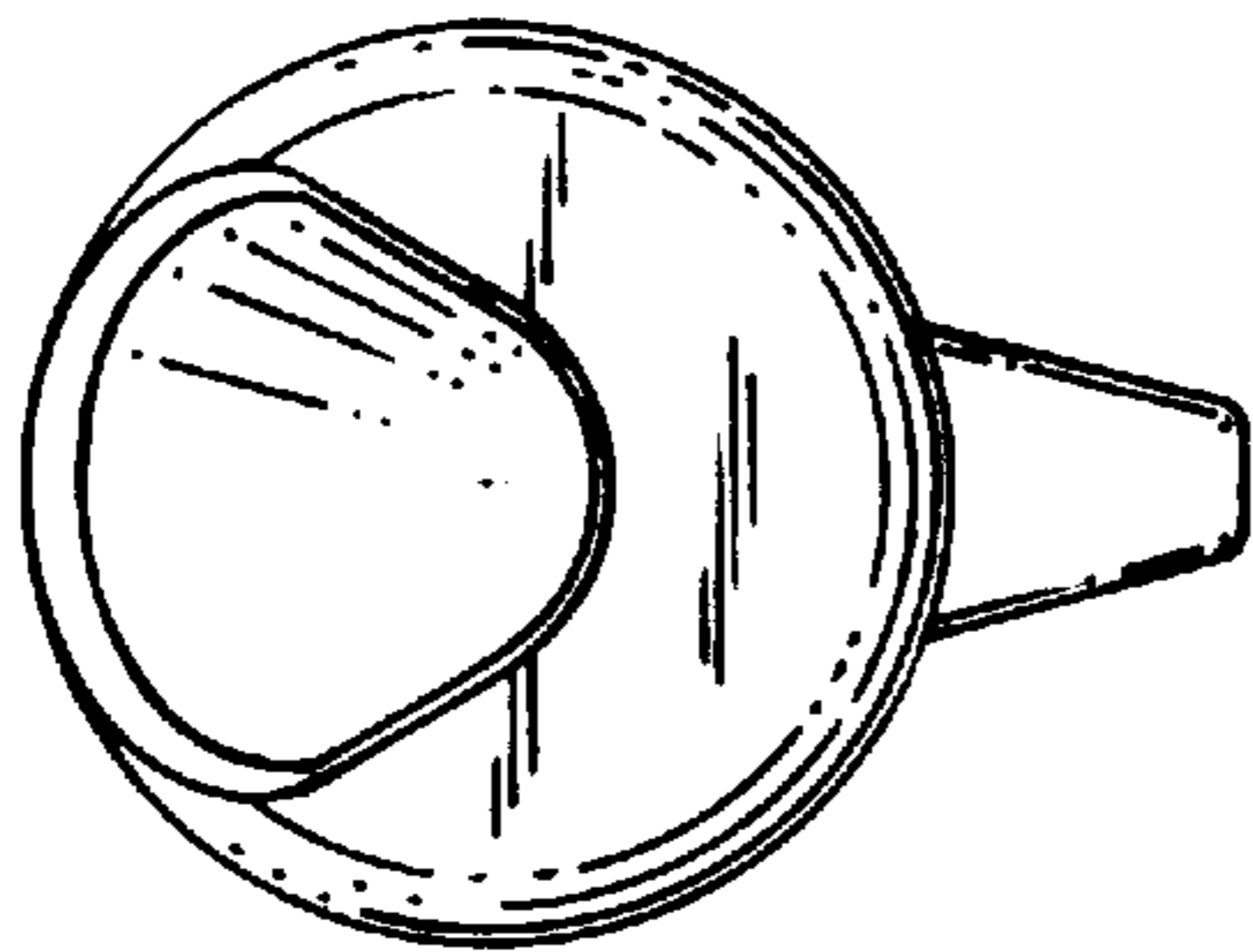


FIG. 3

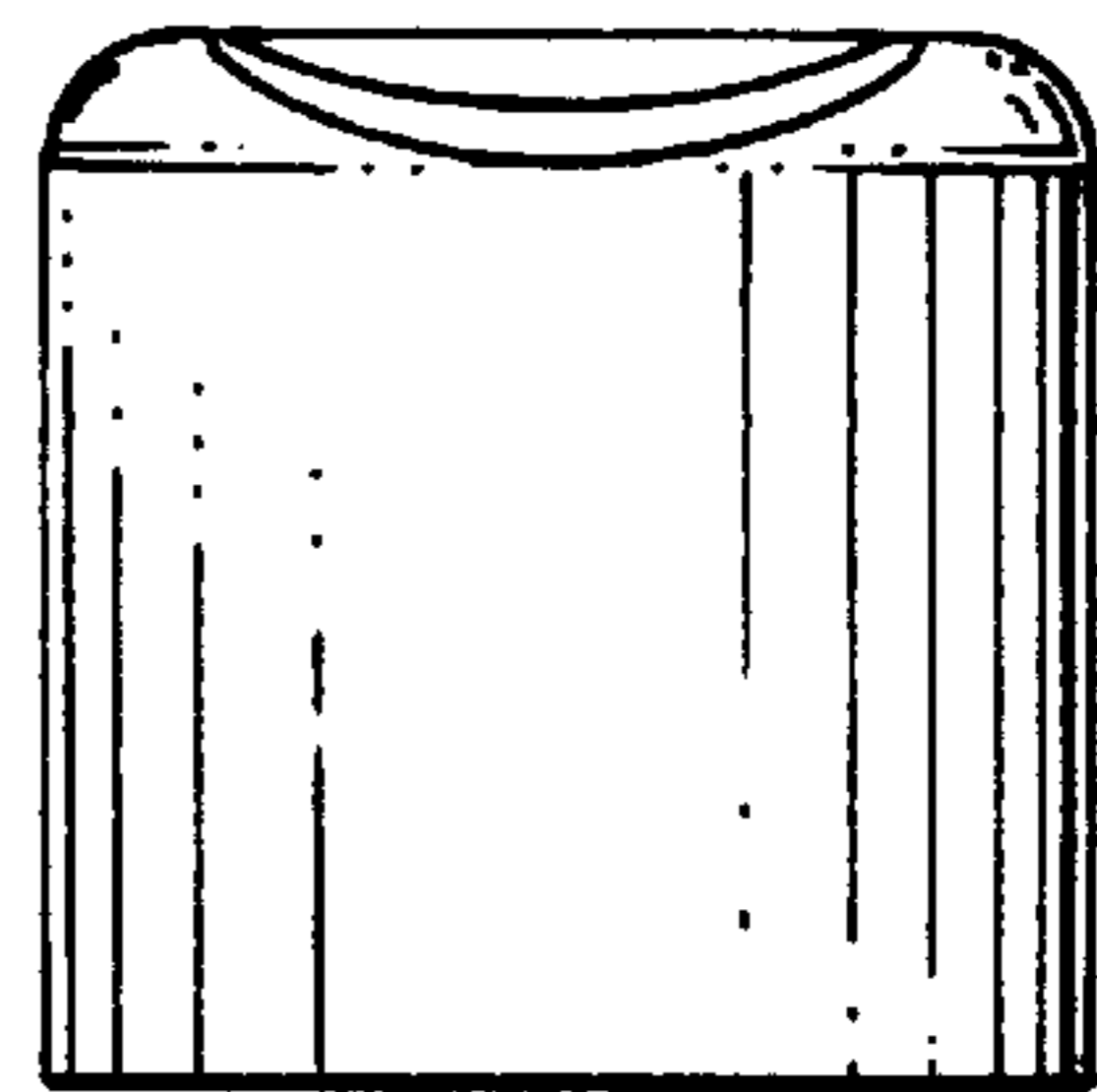


FIG. 4

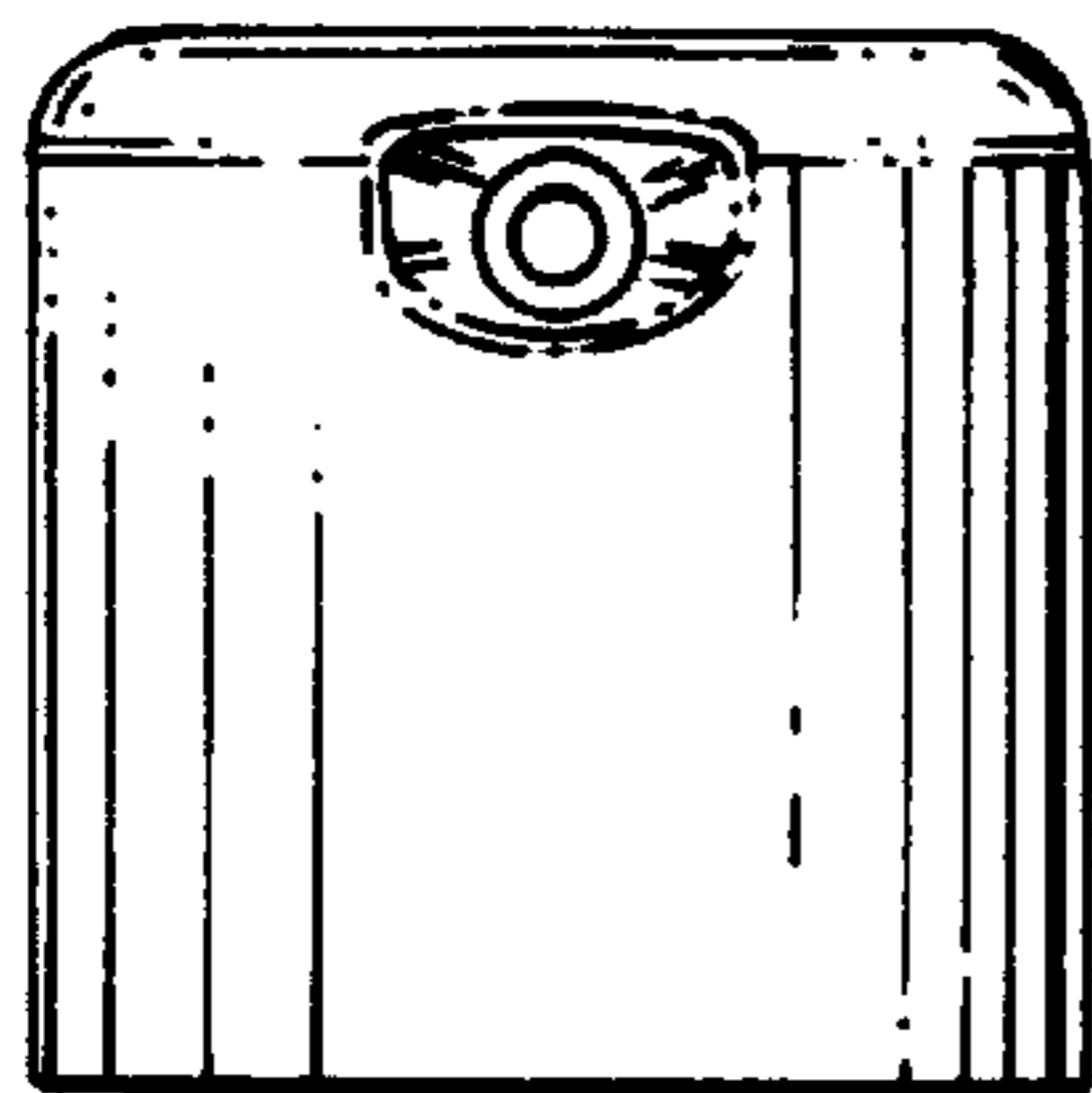


FIG. 5

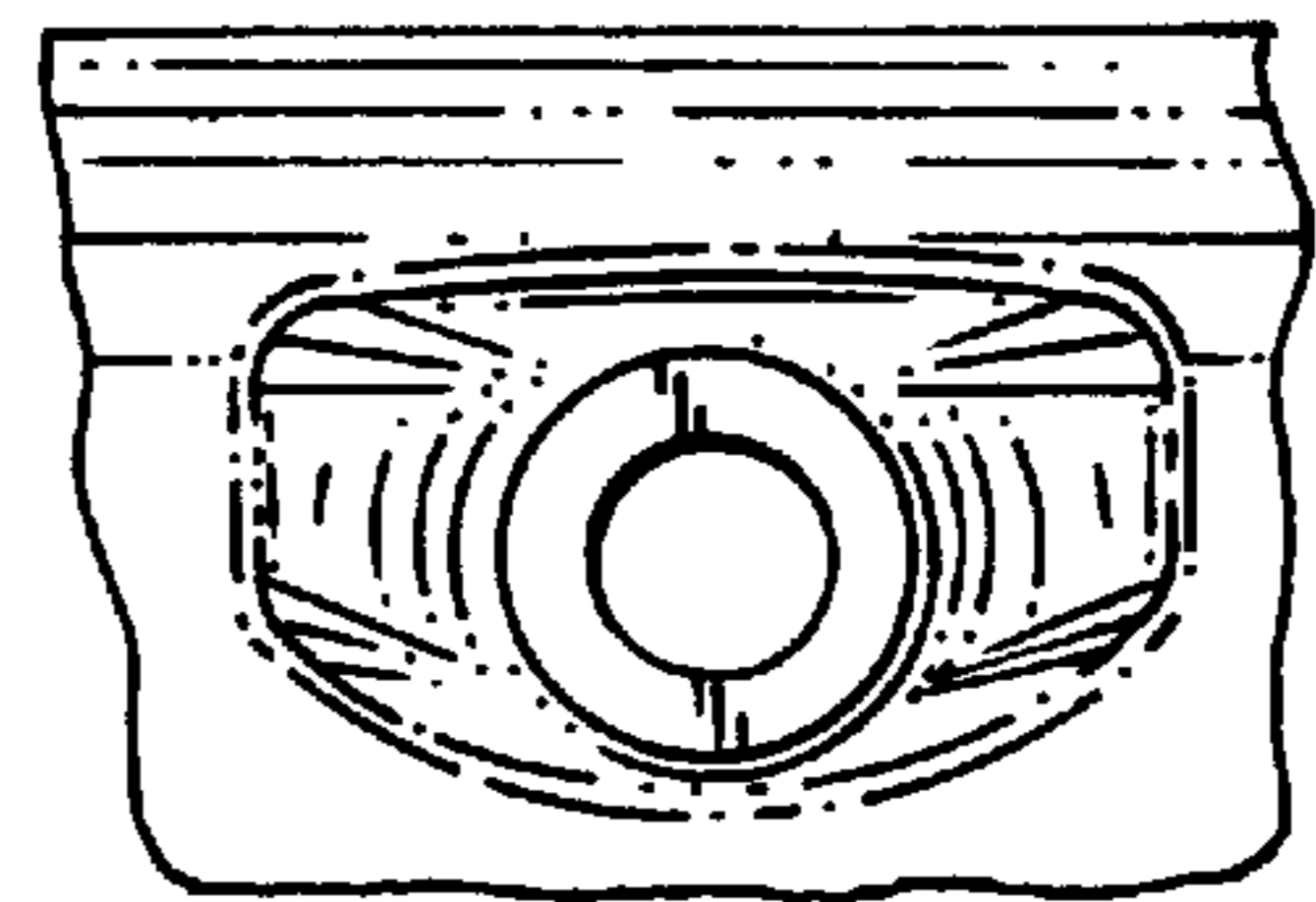


FIG. 6

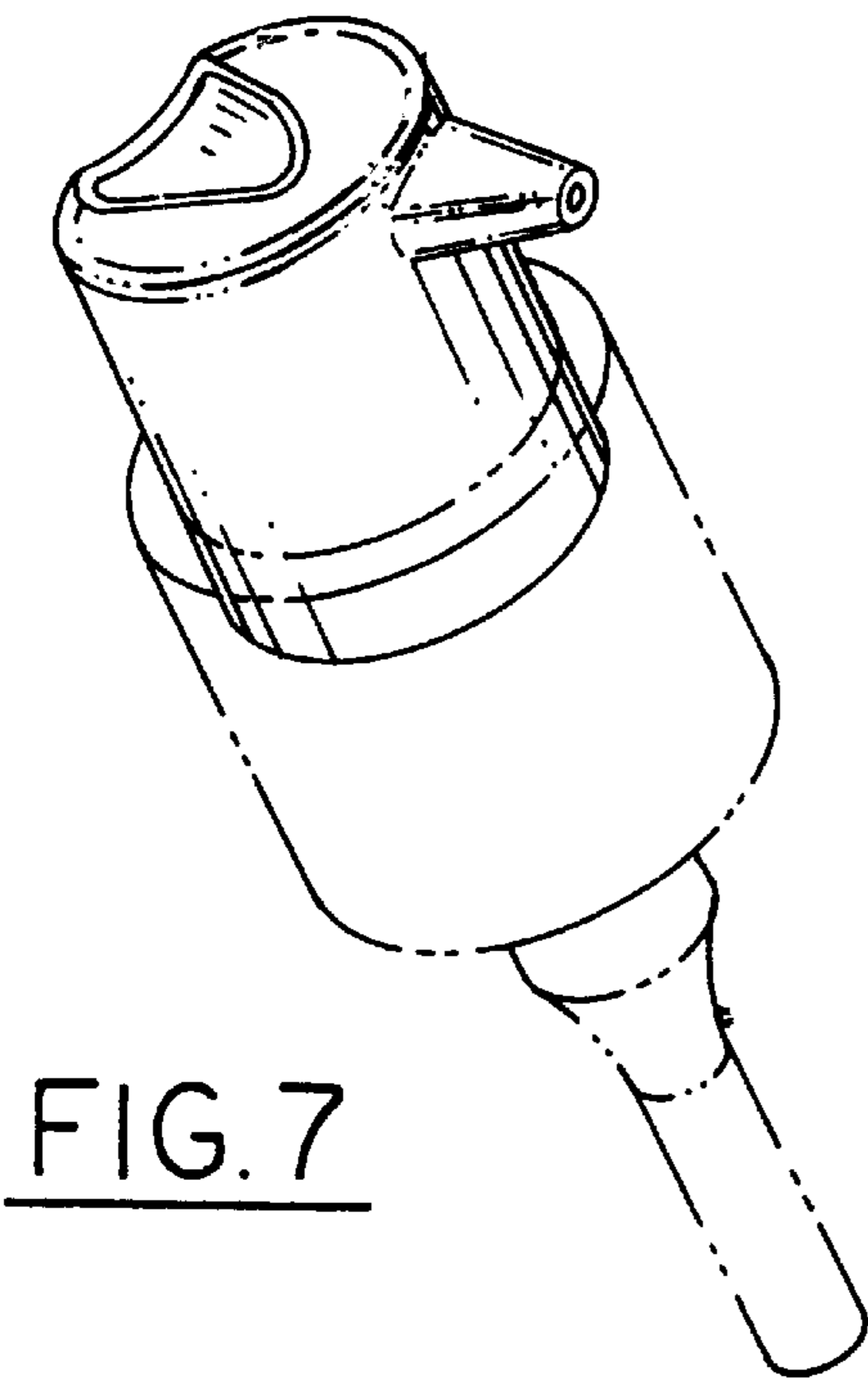


FIG. 7

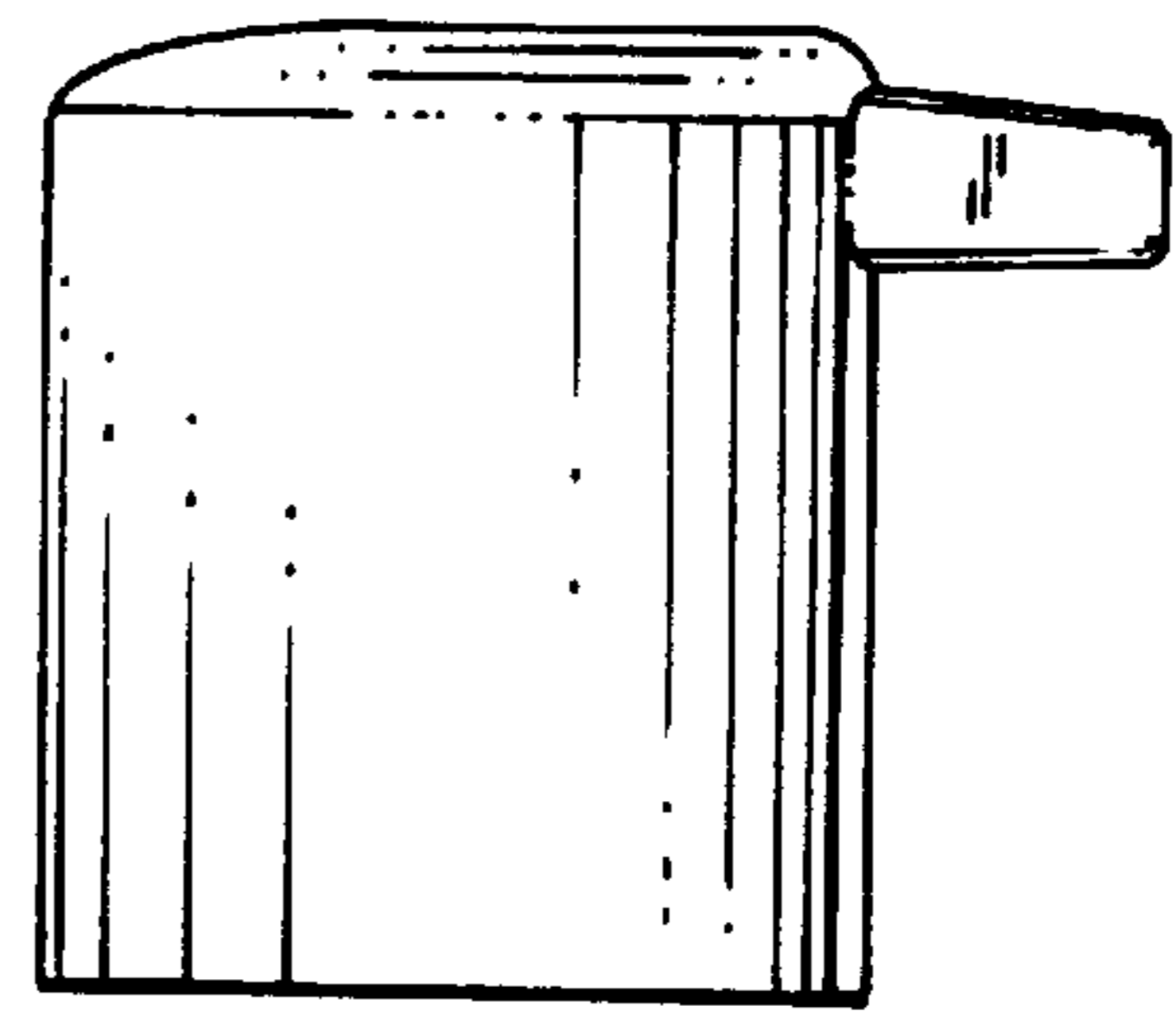


FIG. 8

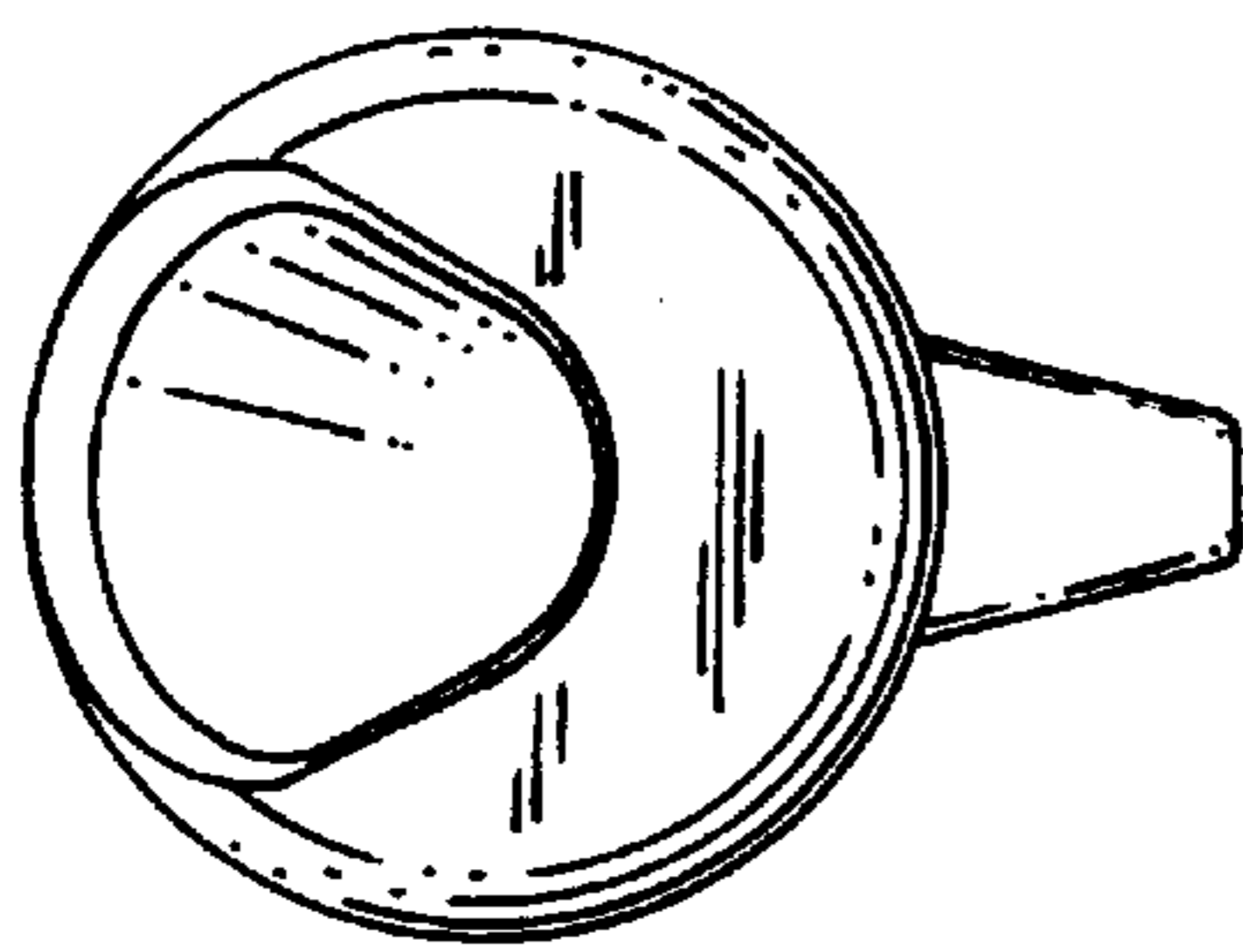


FIG. 9

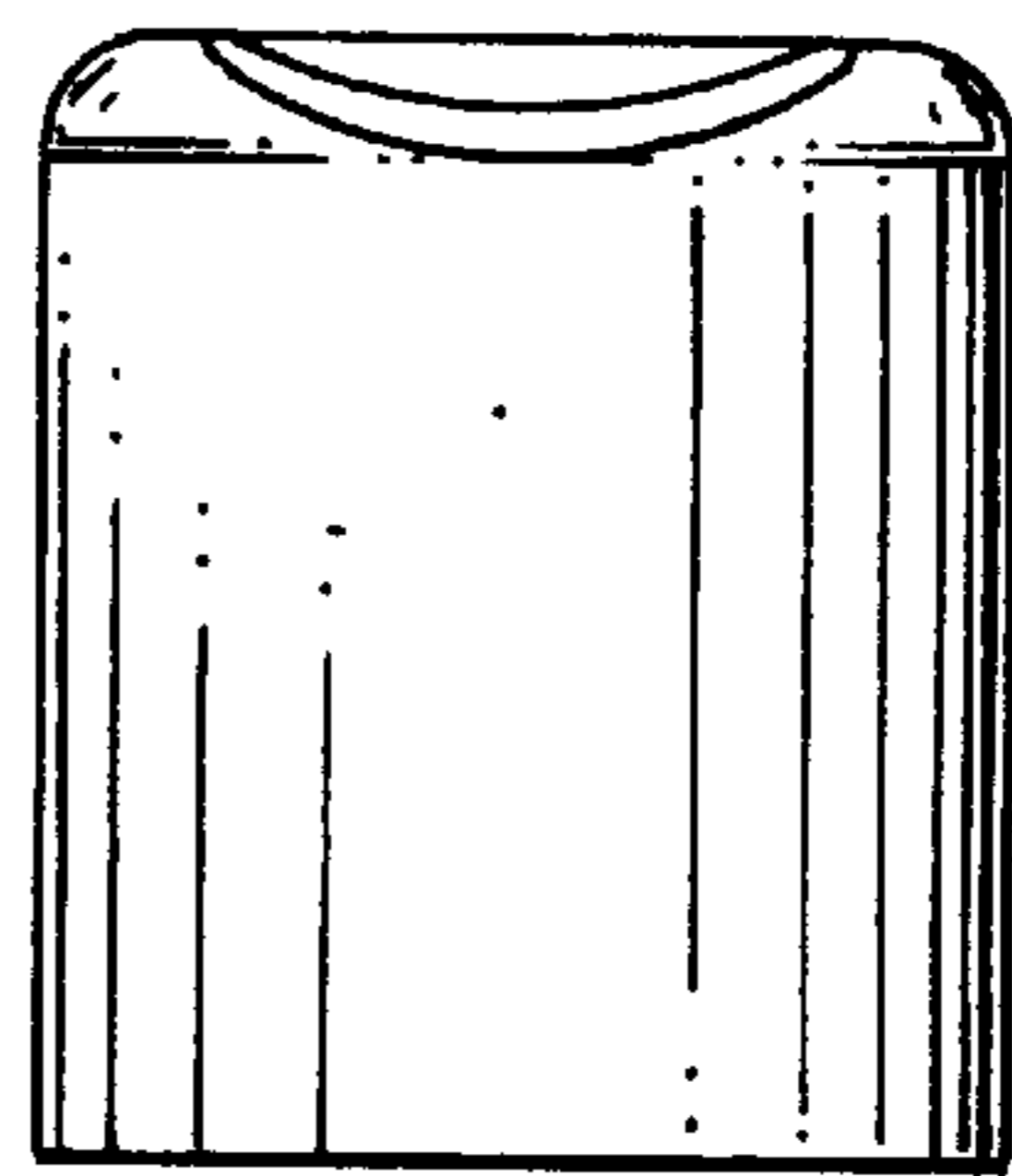


FIG. 10

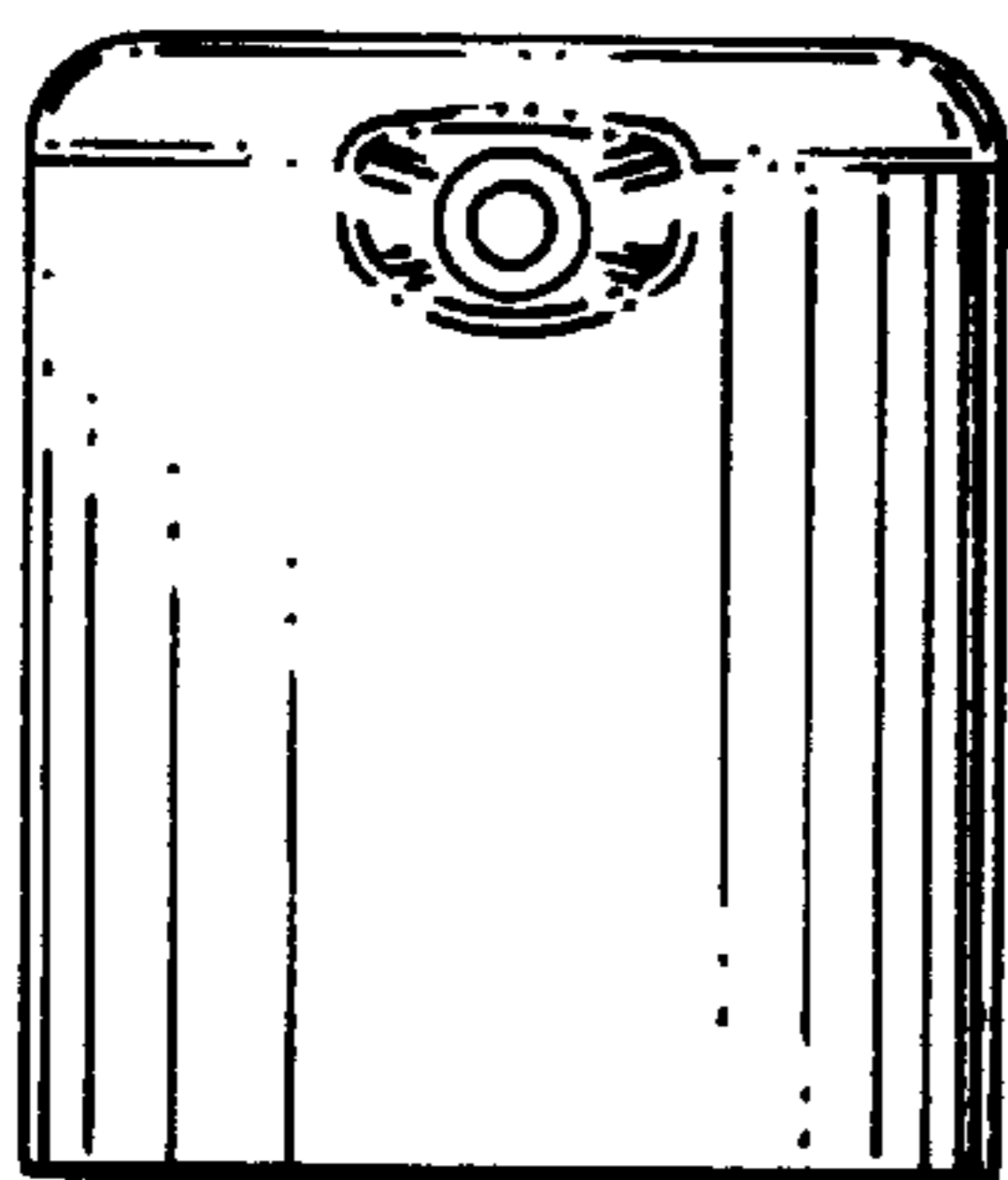


FIG. 11

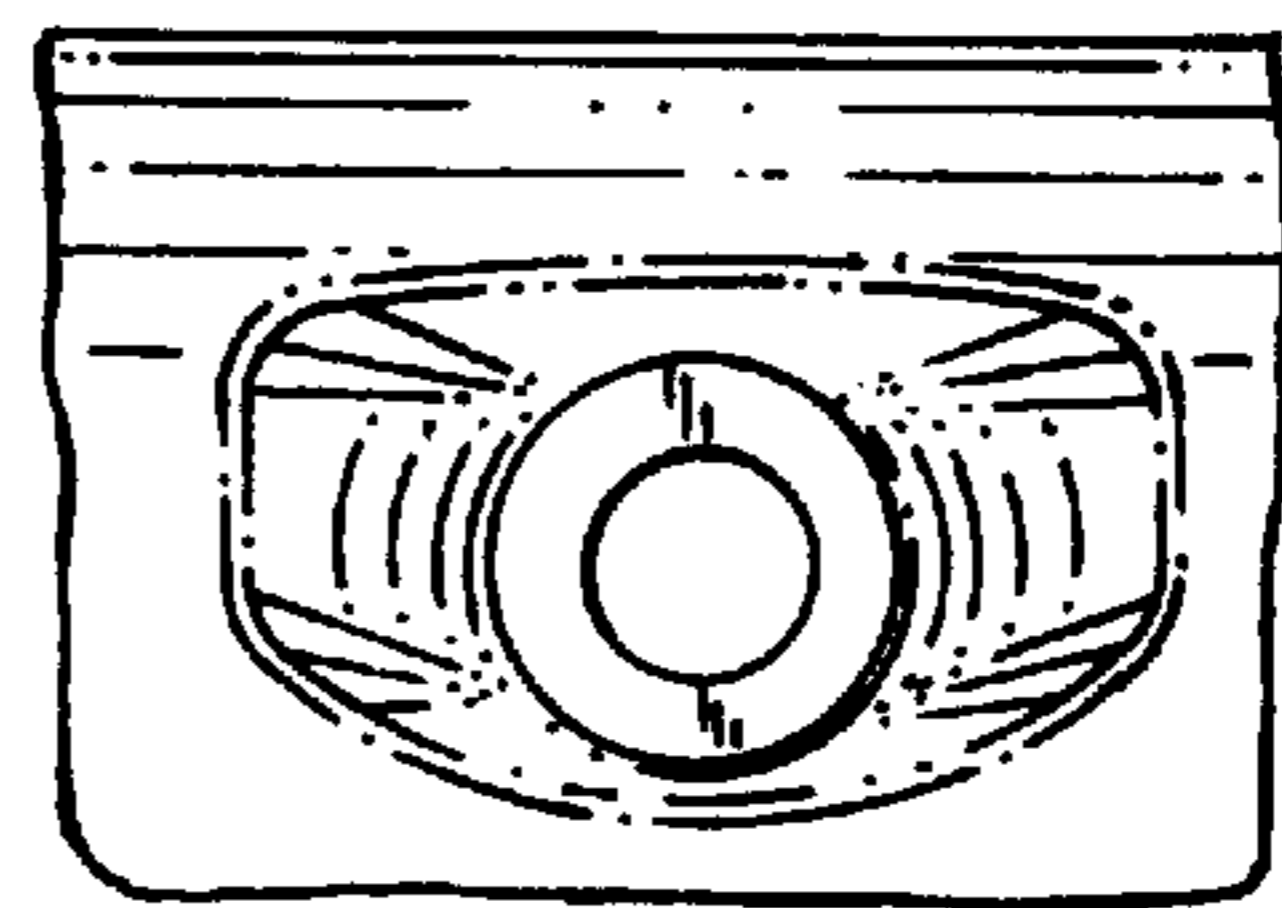


FIG. 12