



US00D480640S

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

(10) **Patent No.:** **US D480,640 S**

(45) **Date of Patent:** **** Oct. 14, 2003**

(54) **INNER CAP FOR A VESSEL**

(75) Inventors: **Yasuhiro Oyama**, Kobe (JP);
Kazuyuki Sakurai, Akashi (JP); **Yoichi Nakamura**, Kobe (JP); **Noriyoshi Yoshida**, Kobe (JP); **Kazutoshi Tokunaga**, Kakogawa (JP)

(73) Assignee: **Sysmex Corporation**, Hyogo (JP)

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

(21) Appl. No.: **29/156,677**

(22) Filed: **Mar. 4, 2002**

(30) **Foreign Application Priority Data**

Sep. 11, 2001 (JP) 2001-026676

(51) **LOC (7) Cl.** **09-07**

(52) **U.S. Cl.** **D9/439; D24/129; D9/454**

(58) **Field of Search** **D9/435, 439; D24/129, D24/121; 215/355; 604/411, 403, 415, 414**

(56) **References Cited**

U.S. PATENT DOCUMENTS

- D328,033 S * 7/1992 DiGuseppi D9/439
- D347,894 S * 6/1994 Hansen et al. D24/129
- D357,200 S * 4/1995 Thomas D9/439
- D368,223 S * 3/1996 Williamson D9/435
- 6,499,617 B1 * 12/2002 Niedospial, Jr. et al. 215/355

* cited by examiner

Primary Examiner—Louis S. Zarfes
Assistant Examiner—Gregory Andoll

(74) *Attorney, Agent, or Firm*—Cohen, Pontani, Lieberman & Pavane

(57) **CLAIM**

The ornamental design for an inner cap for a vessel, as shown and described.

DESCRIPTION

FIG. 1 is a front view of an inner cap for a vessel showing our new design;
 FIG. 2 is a rear view of the inner cap of FIG. 1;
 FIG. 3 is a right side view of the inner cap of FIG. 1;
 FIG. 4 is a left side view of the inner cap of FIG. 1;
 FIG. 5 is a top plan view of the inner cap of FIG. 1;
 FIG. 6 is a bottom plan view of the inner cap of FIG. 1;
 FIG. 7 is a cross-sectional view of the inner cap taken along the lines 7—7 in FIG. 1;
 FIG. 8 is perspective view of the inner cap of FIG. 1;
 FIG. 9 is a right side view of the inner cap of FIG. 1 in which the inner cap is attached to a vessel;
 FIG. 10 is a cross-sectional view of the inner cap taken along the lines 10—10 in FIG. 9;
 FIG. 11 is a right side view of the inner cap of FIG. 1 in which the inner cap is attached to a vessel;
 FIG. 12 is a cross-sectional view of the inner cap taken along the lines 12—12 in FIG. 11;
 FIG. 13 is a perspective view of the inner cap of FIG. 1 in which the inner cap is attached to a vessel; and,
 FIG. 14 is a perspective view of the inner cap of FIG. 1 in which the inner cap is attached to a vessel.
 The broken lines in FIGS. 9 to 14 are for illustrative purposes only and form no part of the claimed design.

1 Claim, 7 Drawing Sheets

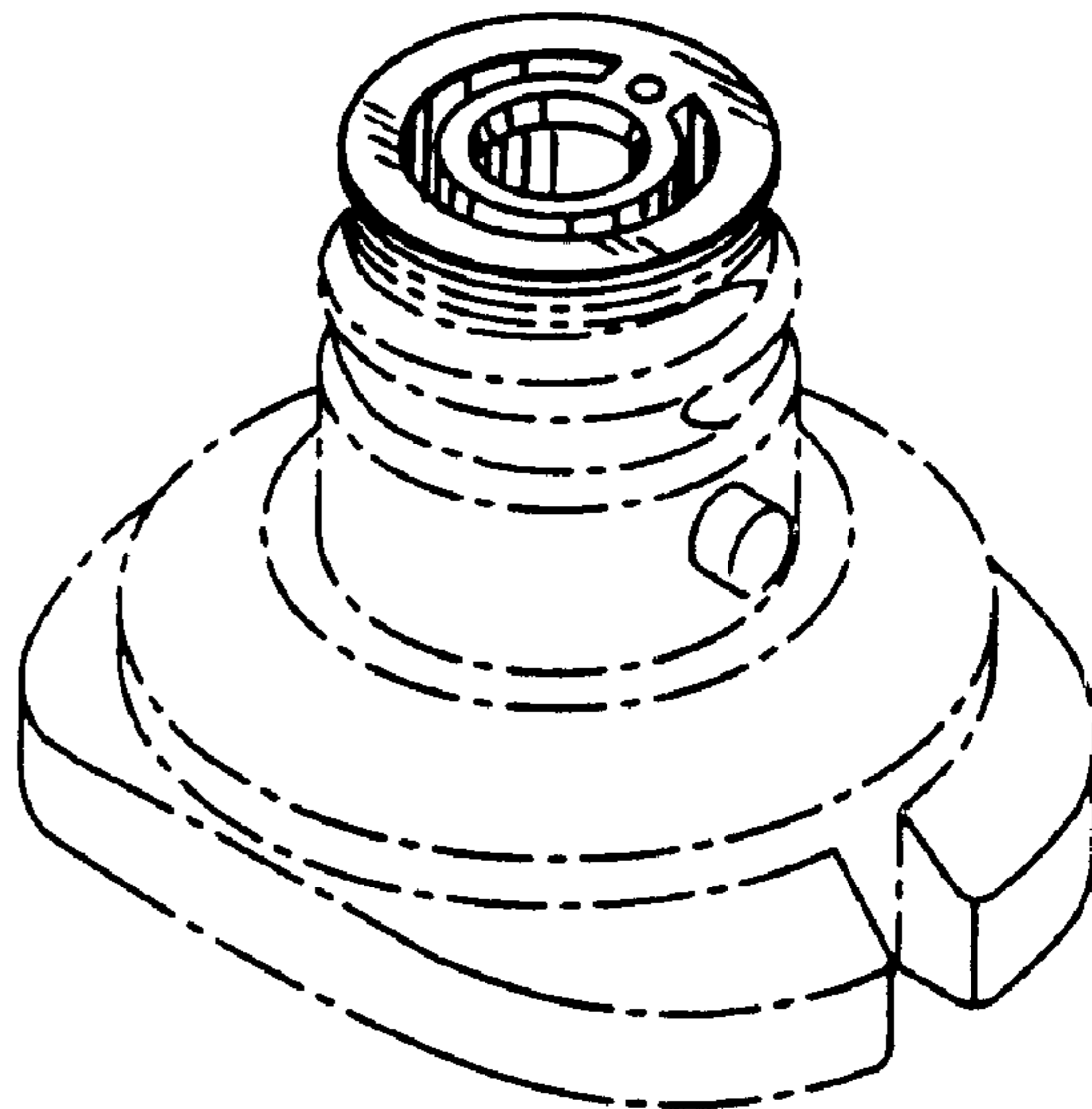
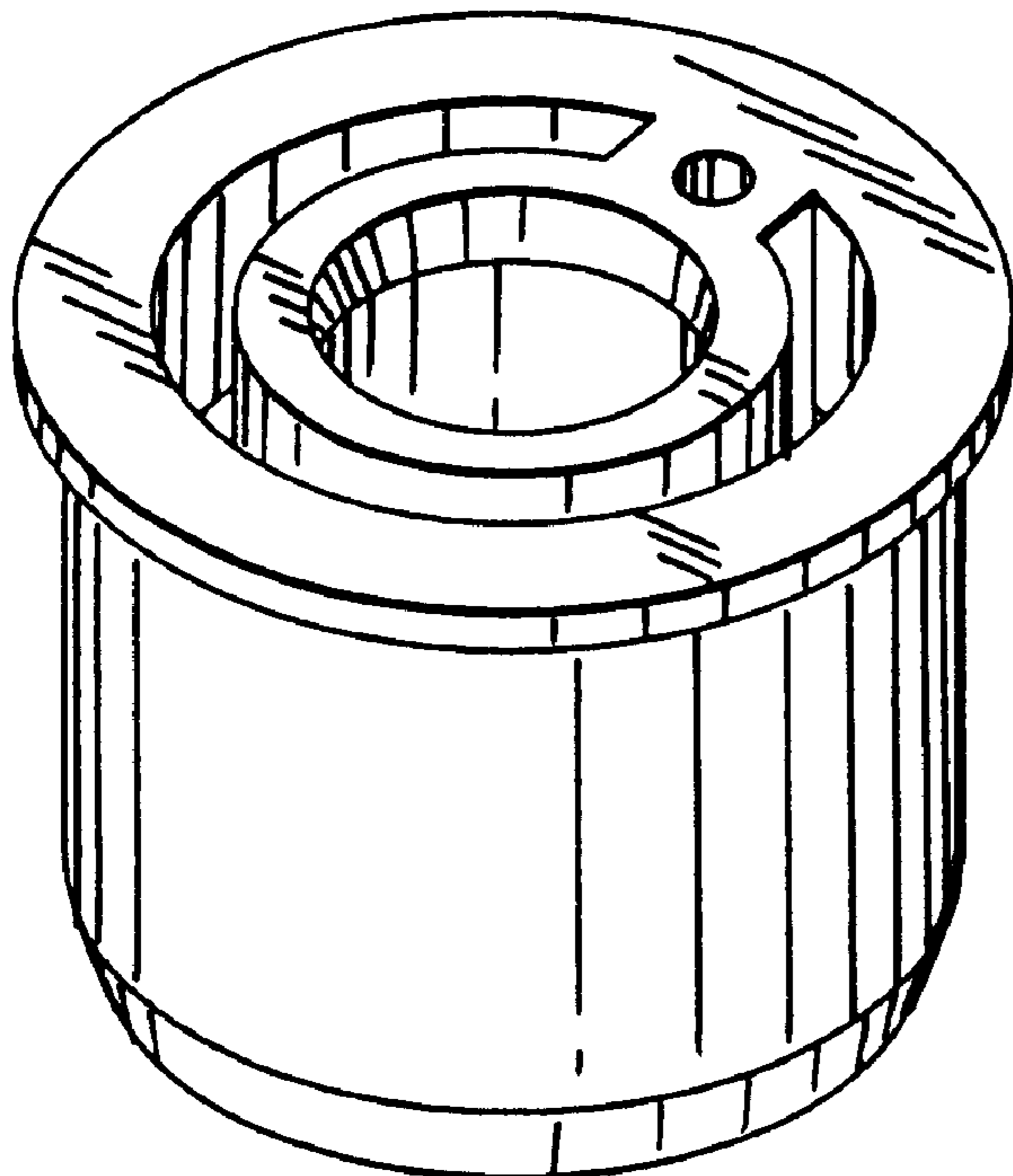


FIG. 1

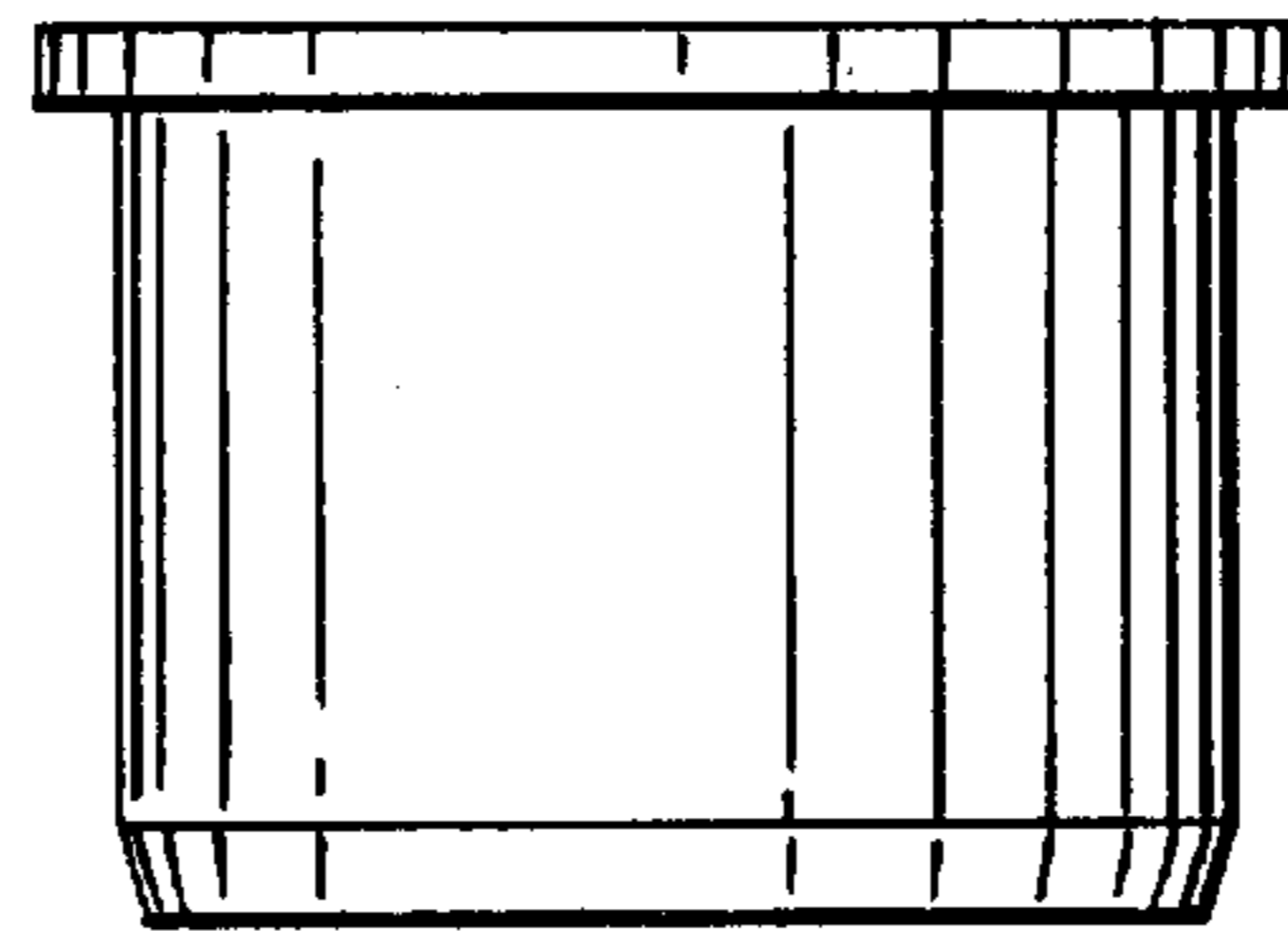
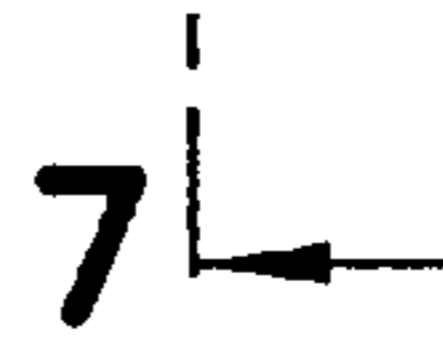
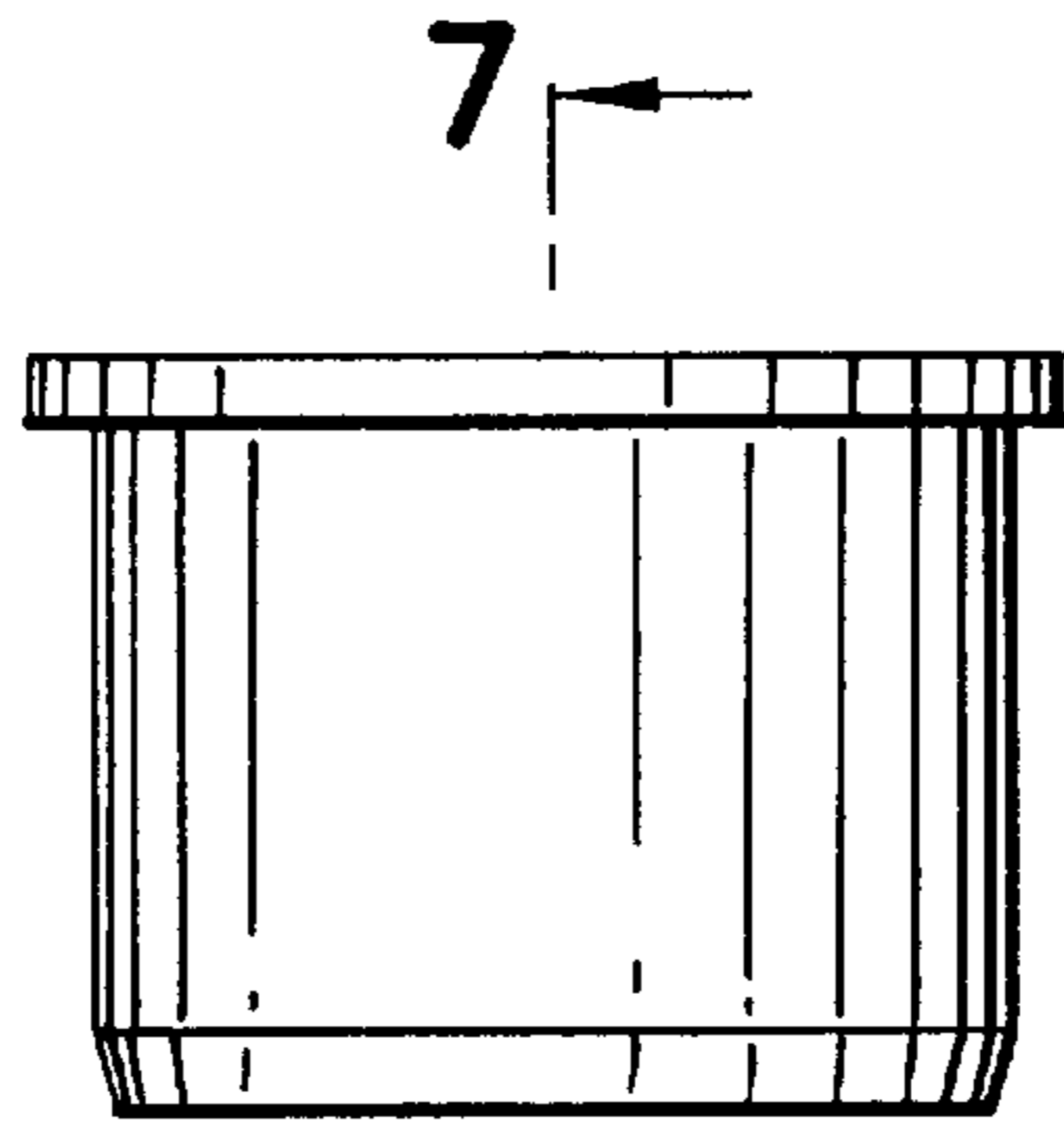


FIG. 2

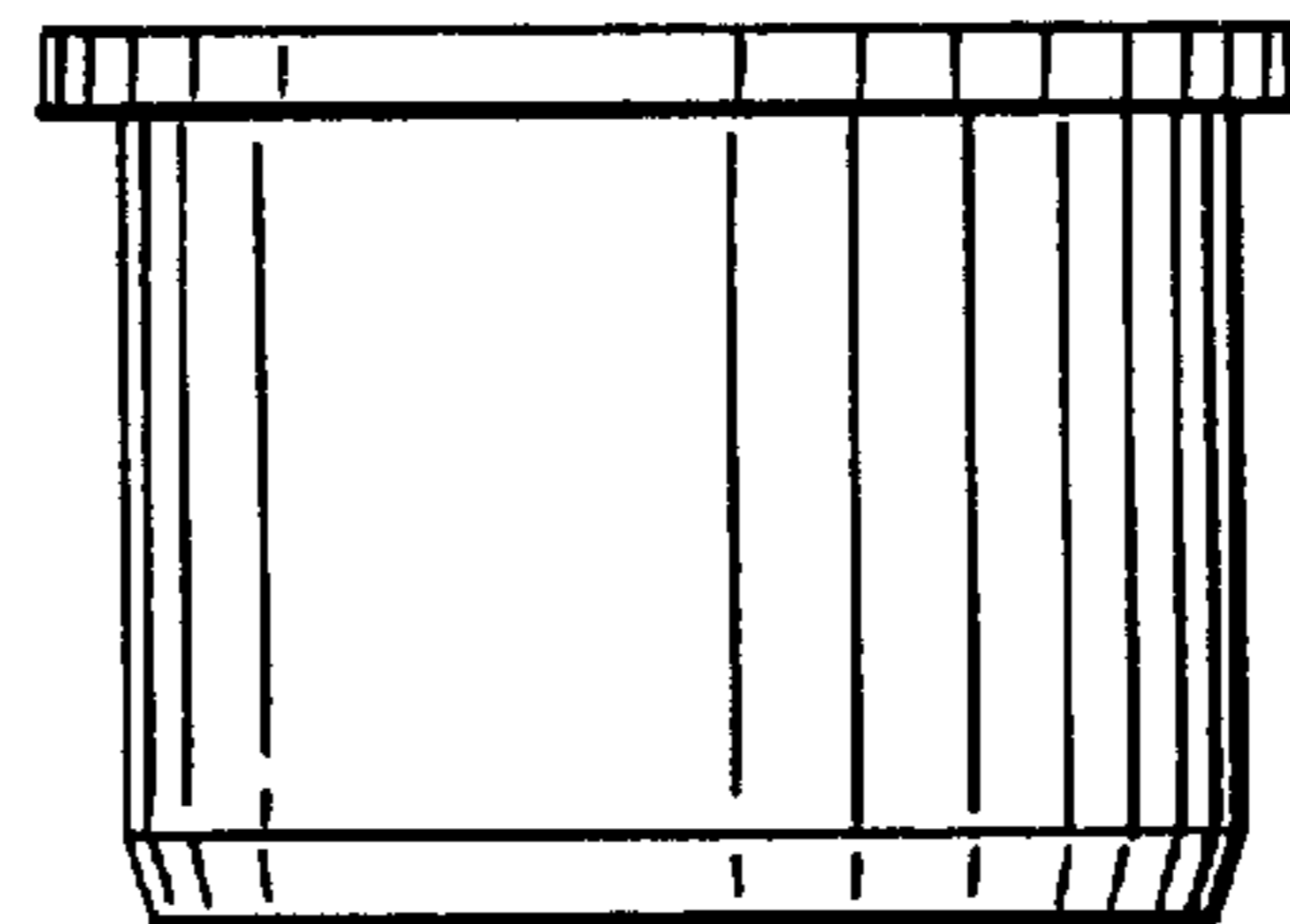


FIG. 3

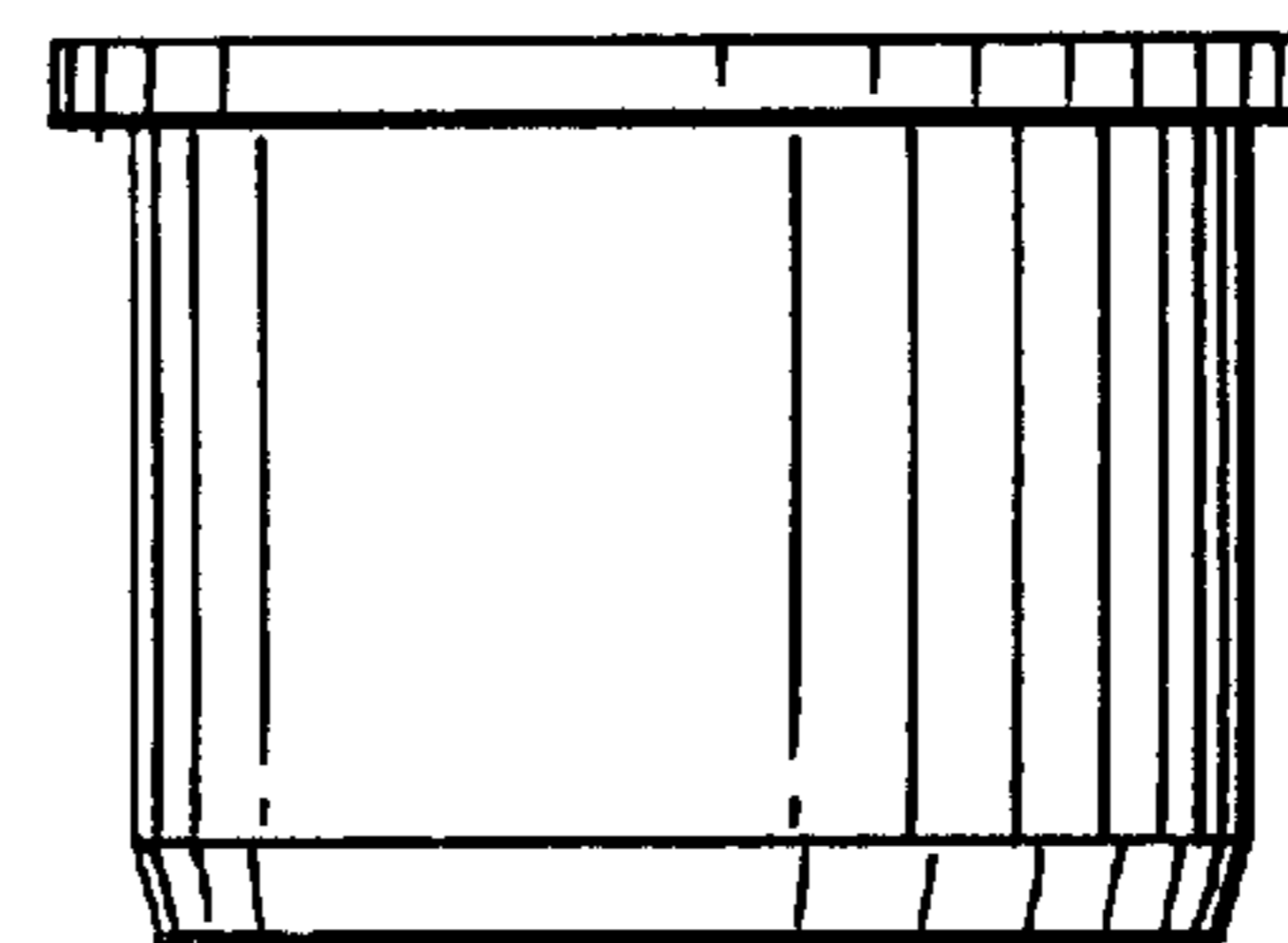


FIG. 4

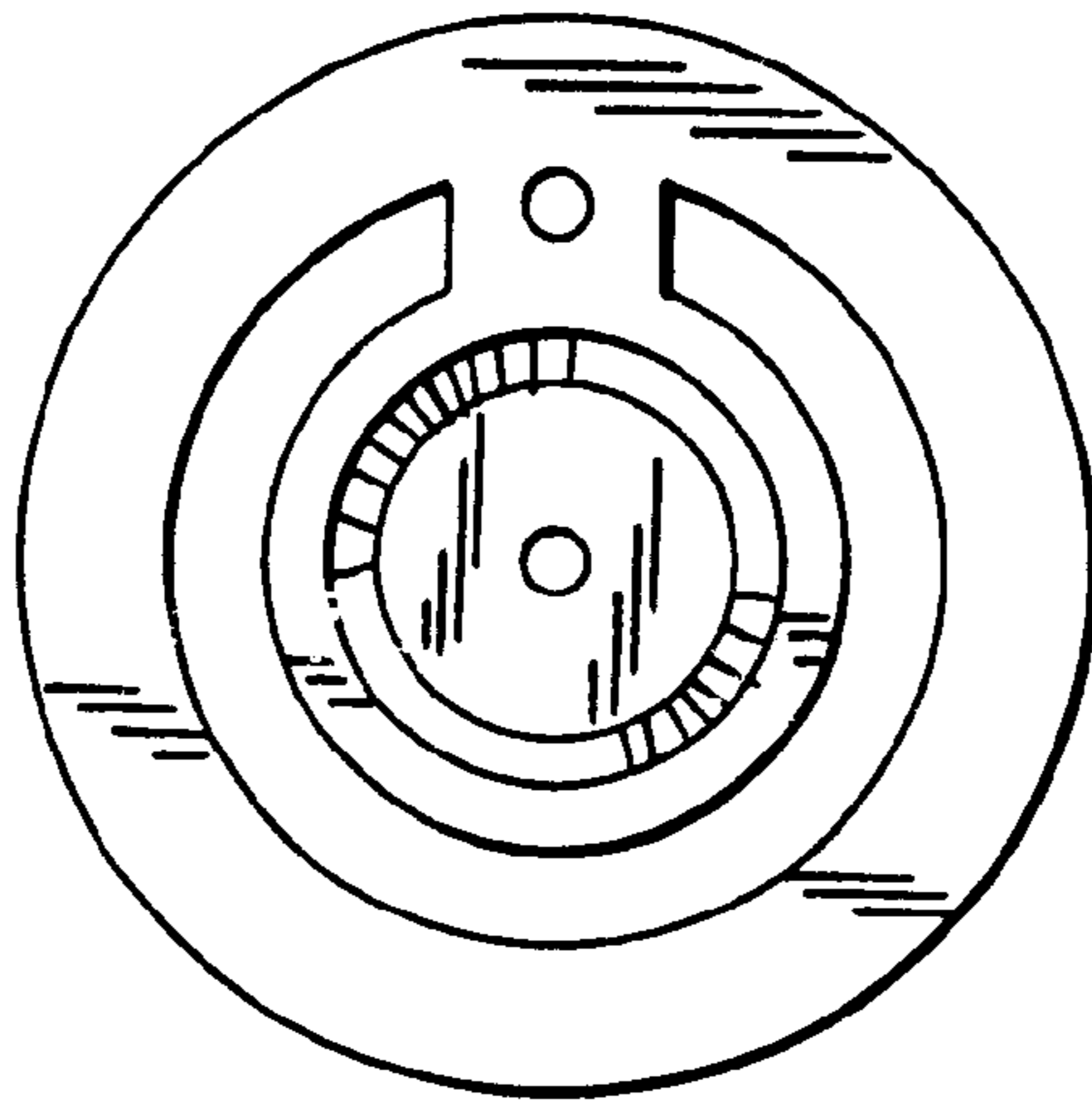


FIG. 5

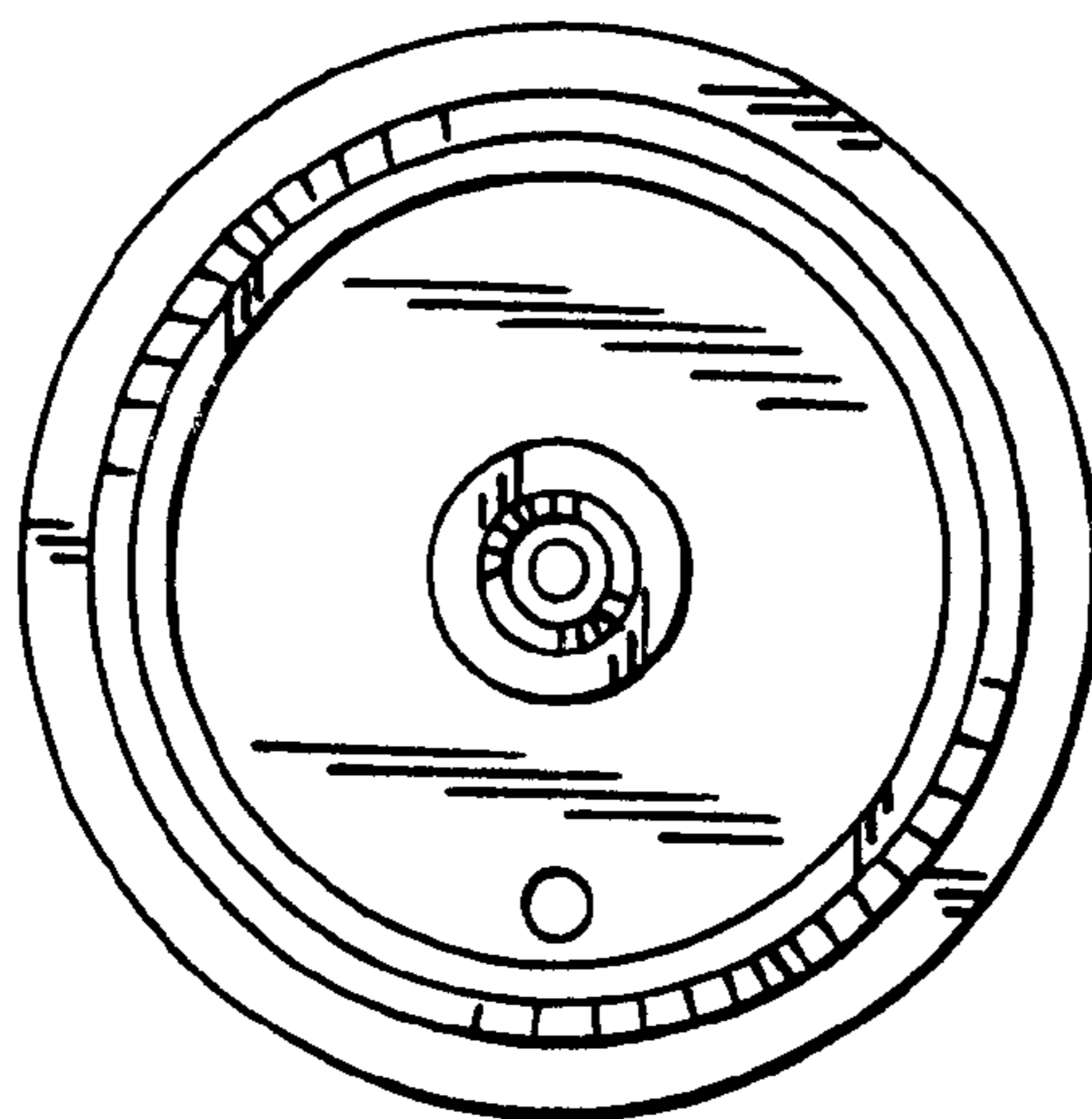


FIG. 6

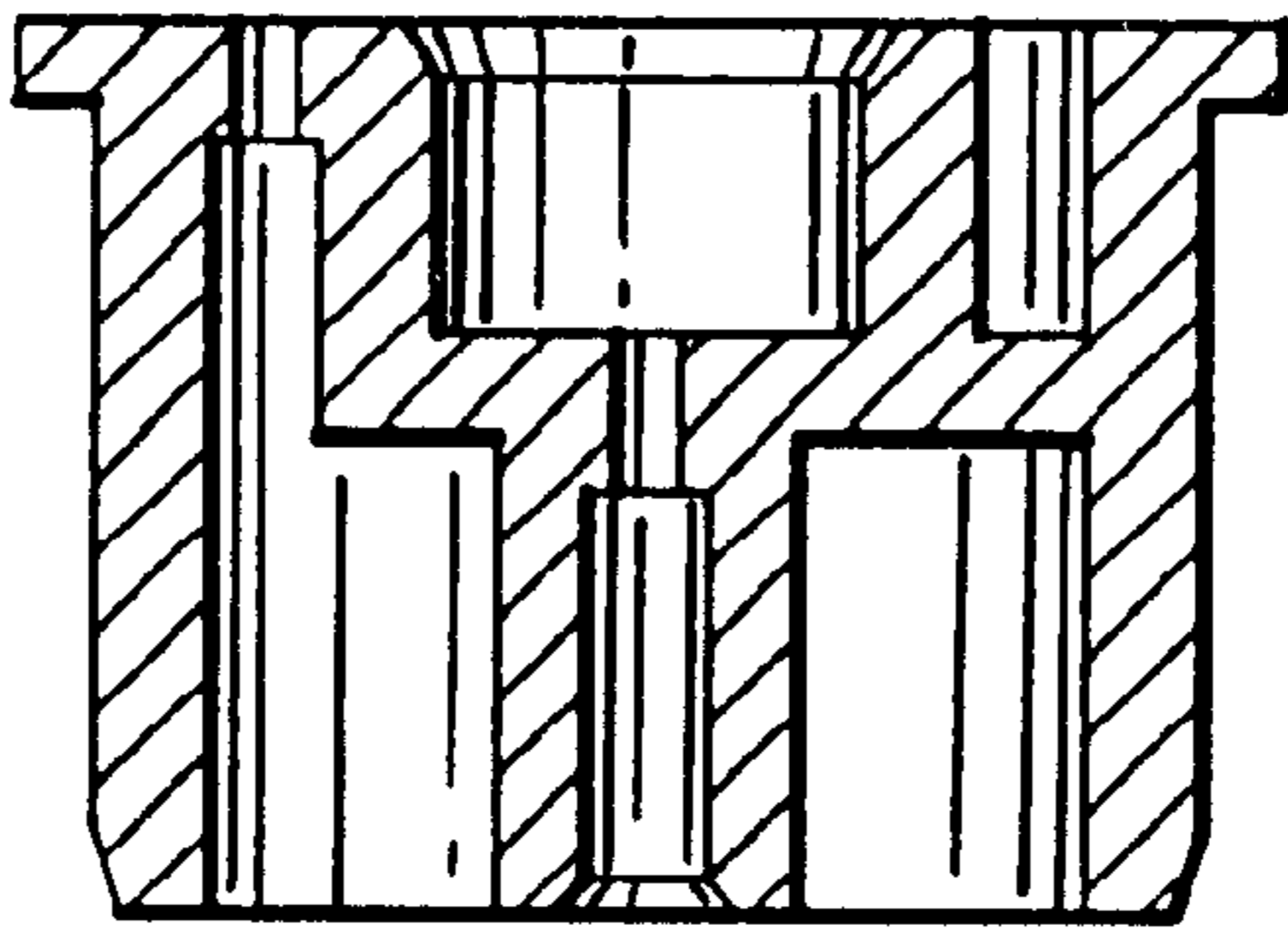


FIG.7

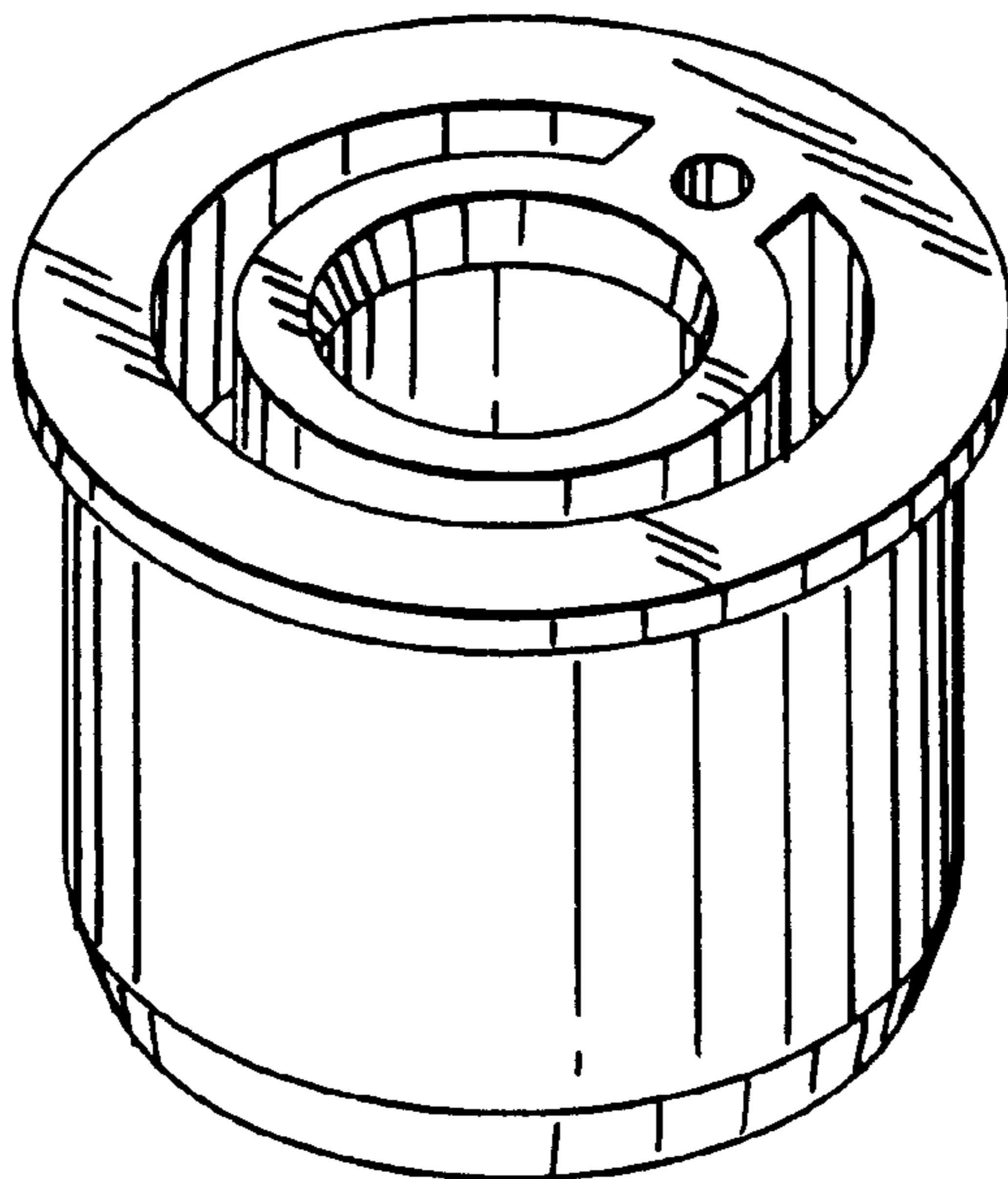


FIG.8

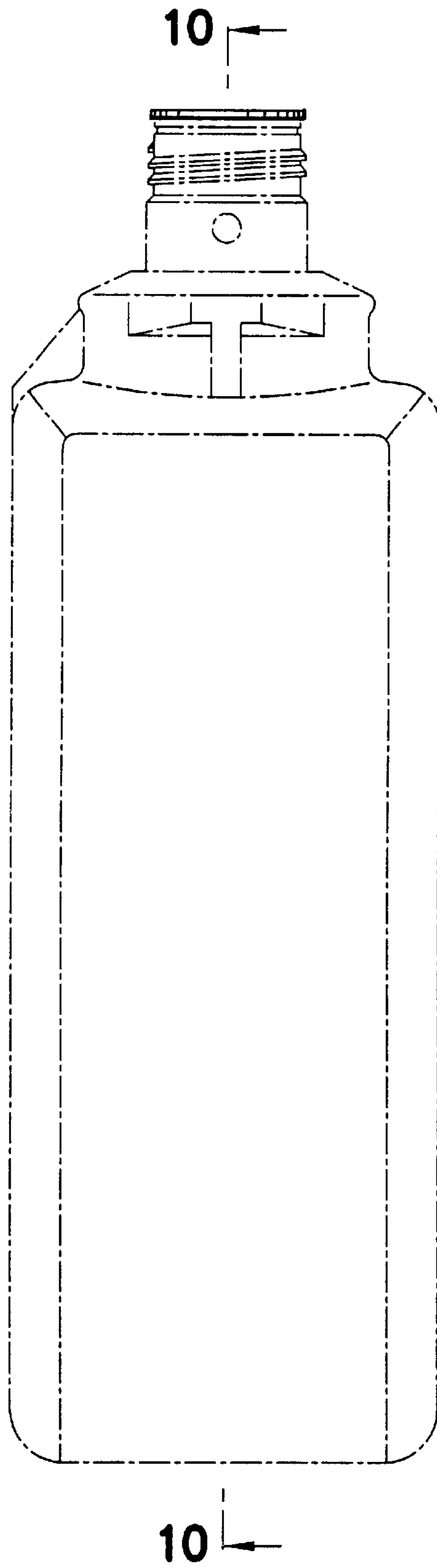


FIG.9

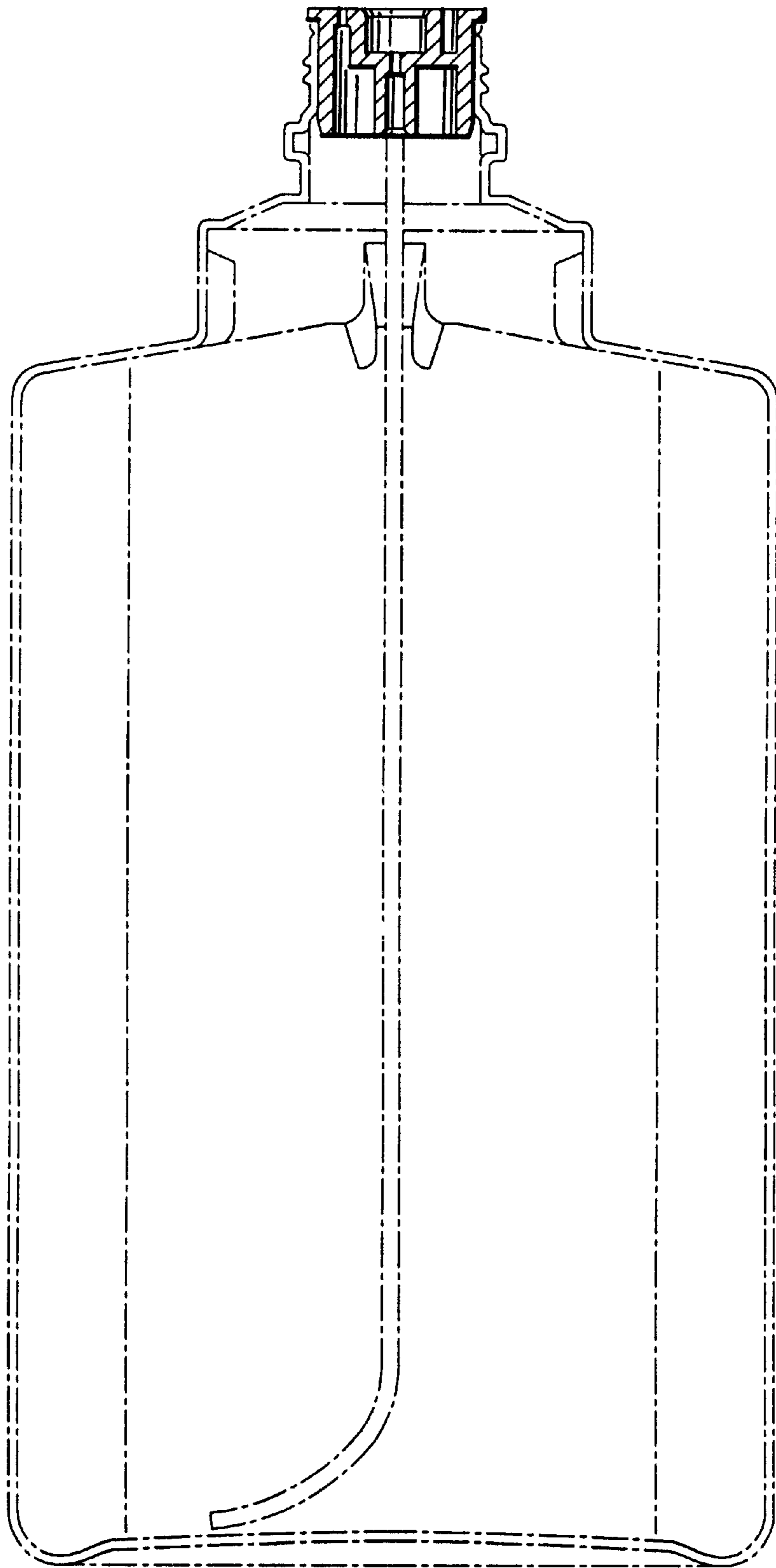


FIG. 10

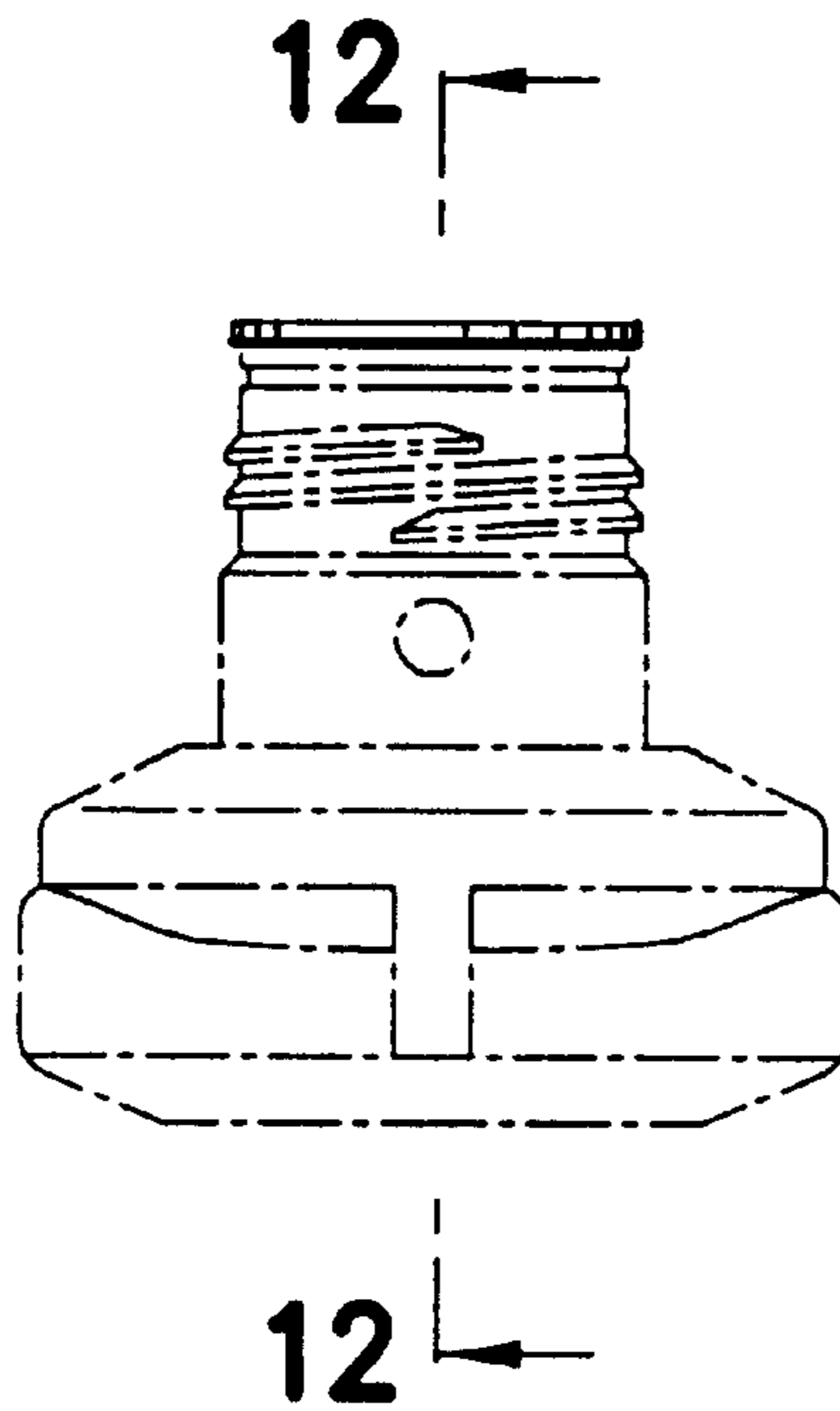


FIG. 11

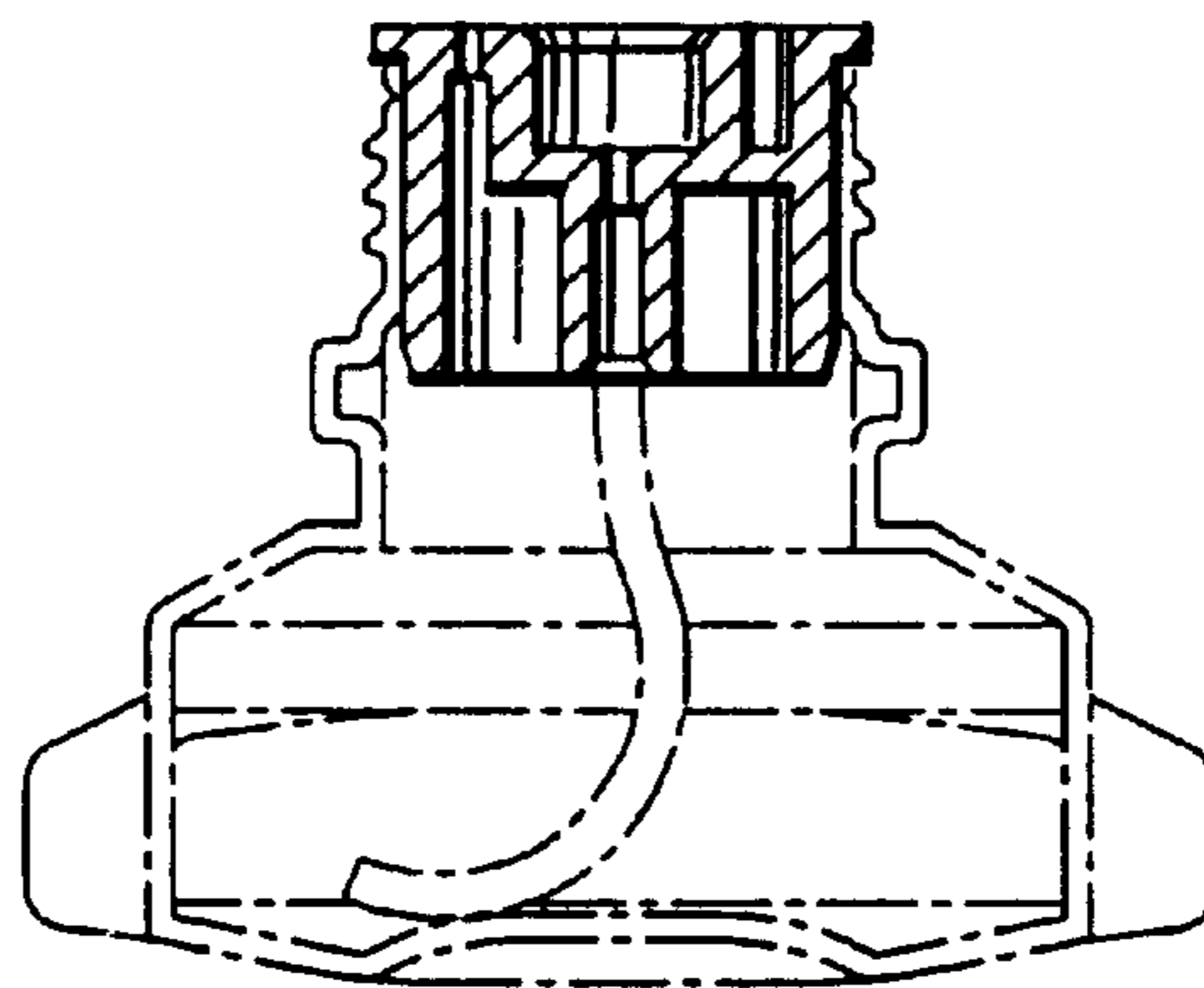


FIG. 12

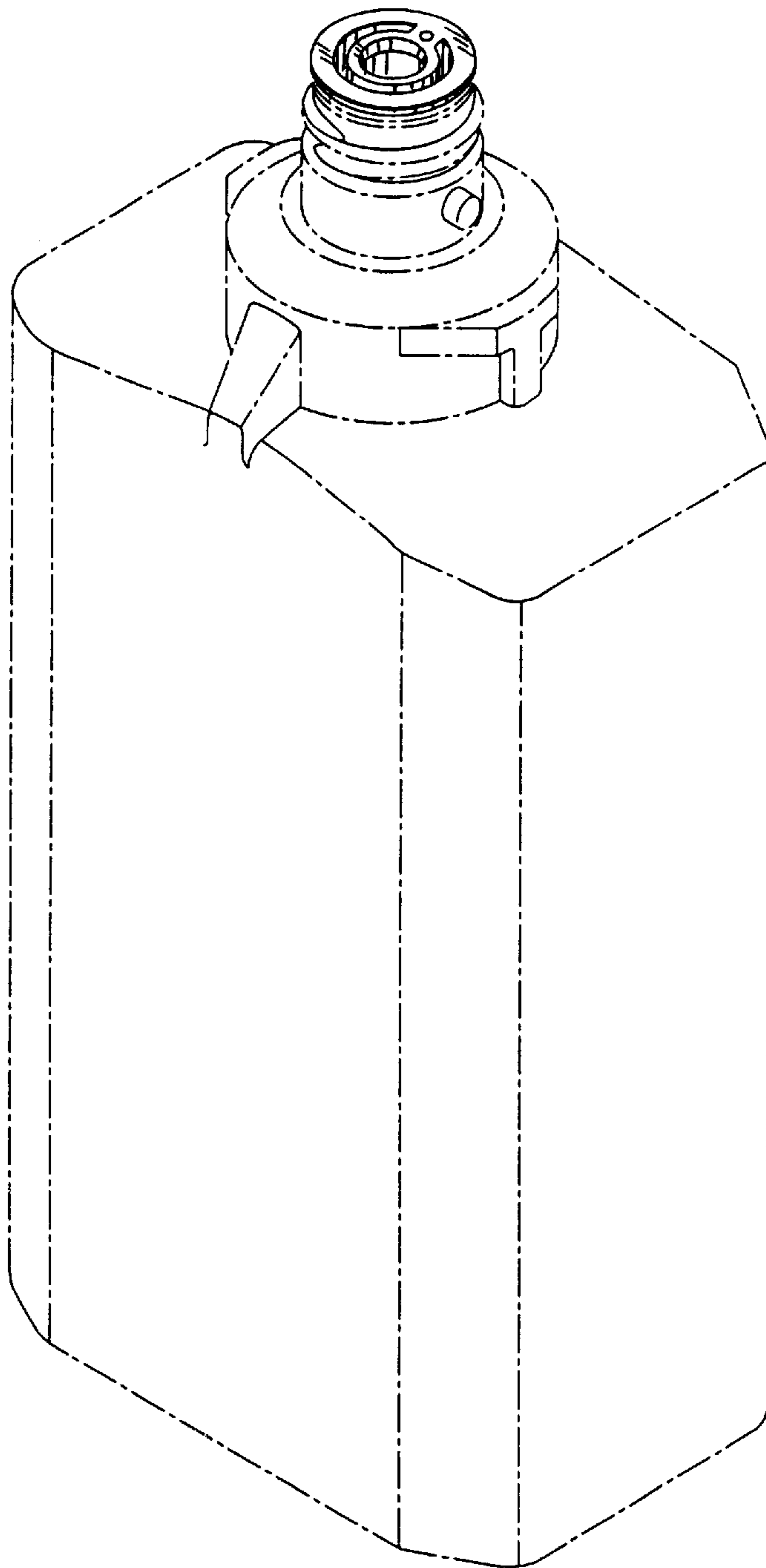


FIG. 13

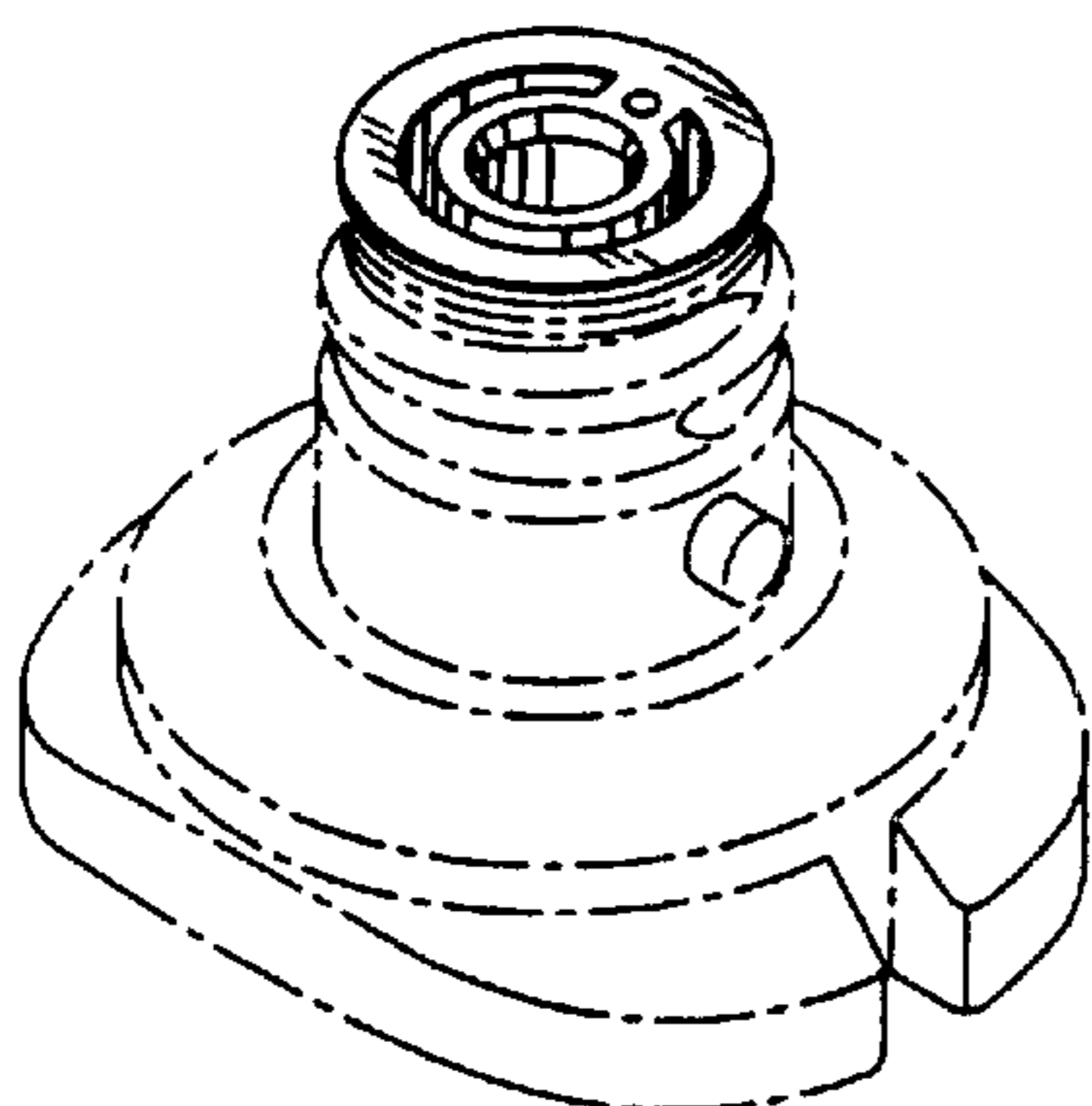


FIG. 14