

US00D505183S

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

(10) **Patent No.:** **US D505,183 S**
(45) **Date of Patent:** **** May 17, 2005**

(54) **EXPANSION VALVE**

(75) Inventors: **Eiji Fukuda**, Tokyo (JP); **Kazuhiko Watanabe**, Tokyo (JP)

(73) Assignee: **Fujikoki Corporation**, Tokyo (JP)

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

(21) Appl. No.: **29/194,251**

(22) Filed: **Nov. 21, 2003**

(30) **Foreign Application Priority Data**

May 30, 2003 (JP) 2003-015187

(51) **LOC (7) Cl.** **23-01**

(52) **U.S. Cl.** **D23/233**

(58) **Field of Search** D23/233, 235,
D23/237; 62/222-225, 197, 115, 504; 137/625.48;
236/63-64, 66, 92 B; 251/14, 64

(56) **References Cited**

U.S. PATENT DOCUMENTS

4,984,735 A * 1/1991 Glennon et al. 236/92 B

D415,564 S * 10/1999 Sendo et al. D23/325
D434,831 S * 12/2000 Okada et al. D23/233
6,412,703 B2 * 7/2002 Yano et al. 236/92 B
6,434,971 B2 * 8/2002 Fukuda et al. 62/504
6,612,503 B2 * 9/2003 Hirota et al. 236/92 B
6,758,055 B2 * 7/2004 Watanabe et al. 62/225

* cited by examiner

Primary Examiner—Nelson C. Holtje

(74) *Attorney, Agent, or Firm*—Rader, Fishman & Grauer PLLC

(57) **CLAIM**

The ornamental design for an expansion valve, as shown.

DESCRIPTION

FIG. 1 is a front elevational view thereof showing our new design;

FIG. 2 is a rear elevational view thereof;

FIG. 3 is a right side elevational view thereof;

FIG. 4 is a left side elevational view thereof;

FIG. 5 is a top plan view thereof; and,

FIG. 6 is a bottom plan view thereof.

1 Claim, 6 Drawing Sheets

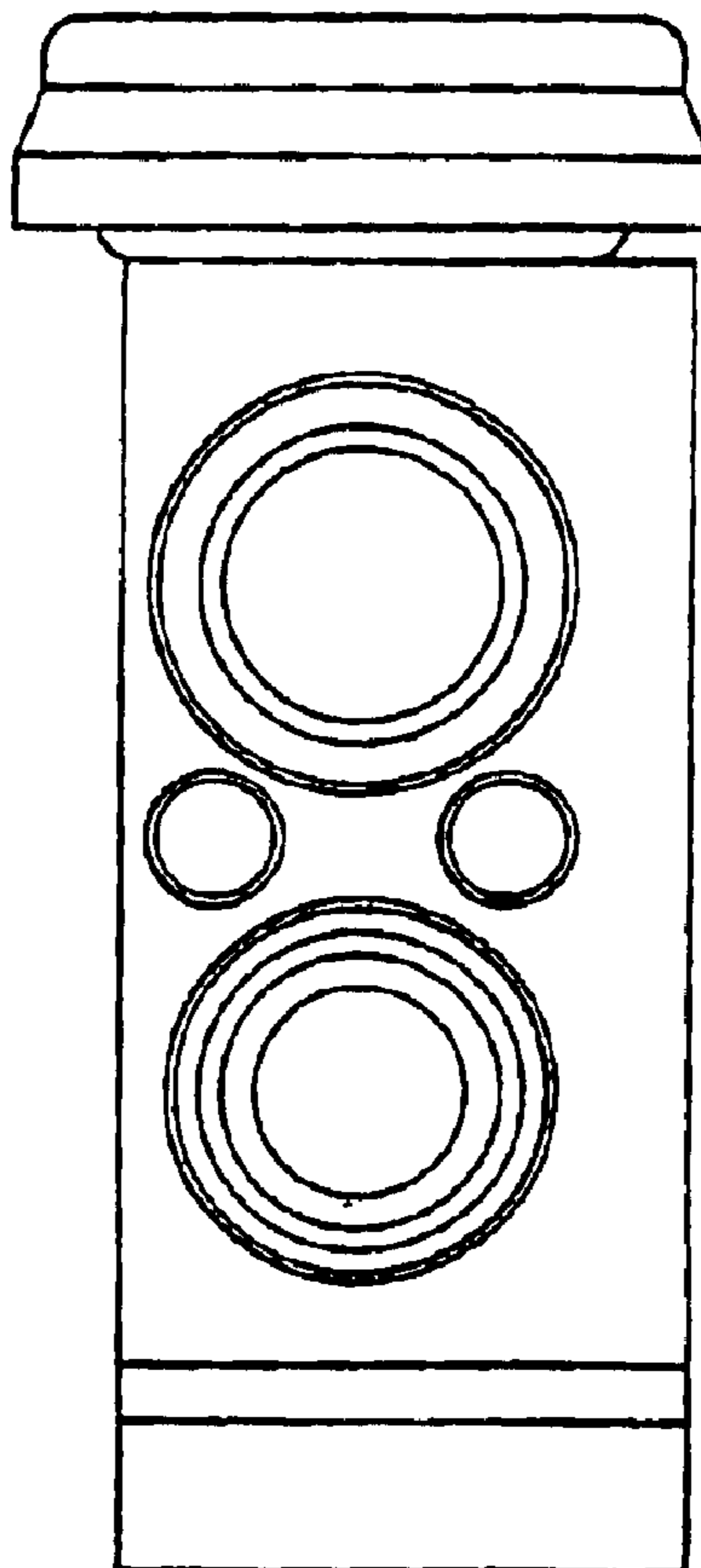


FIG. 1

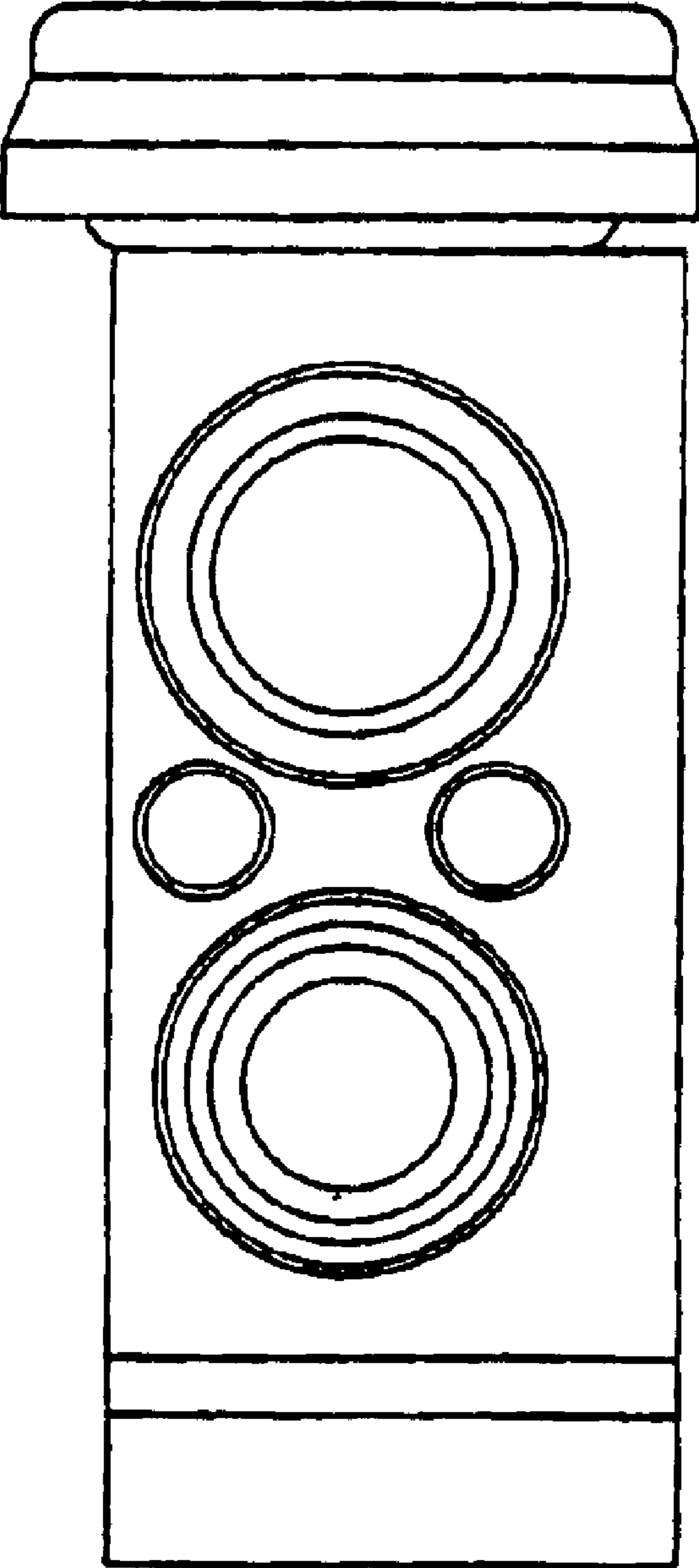


FIG. 2

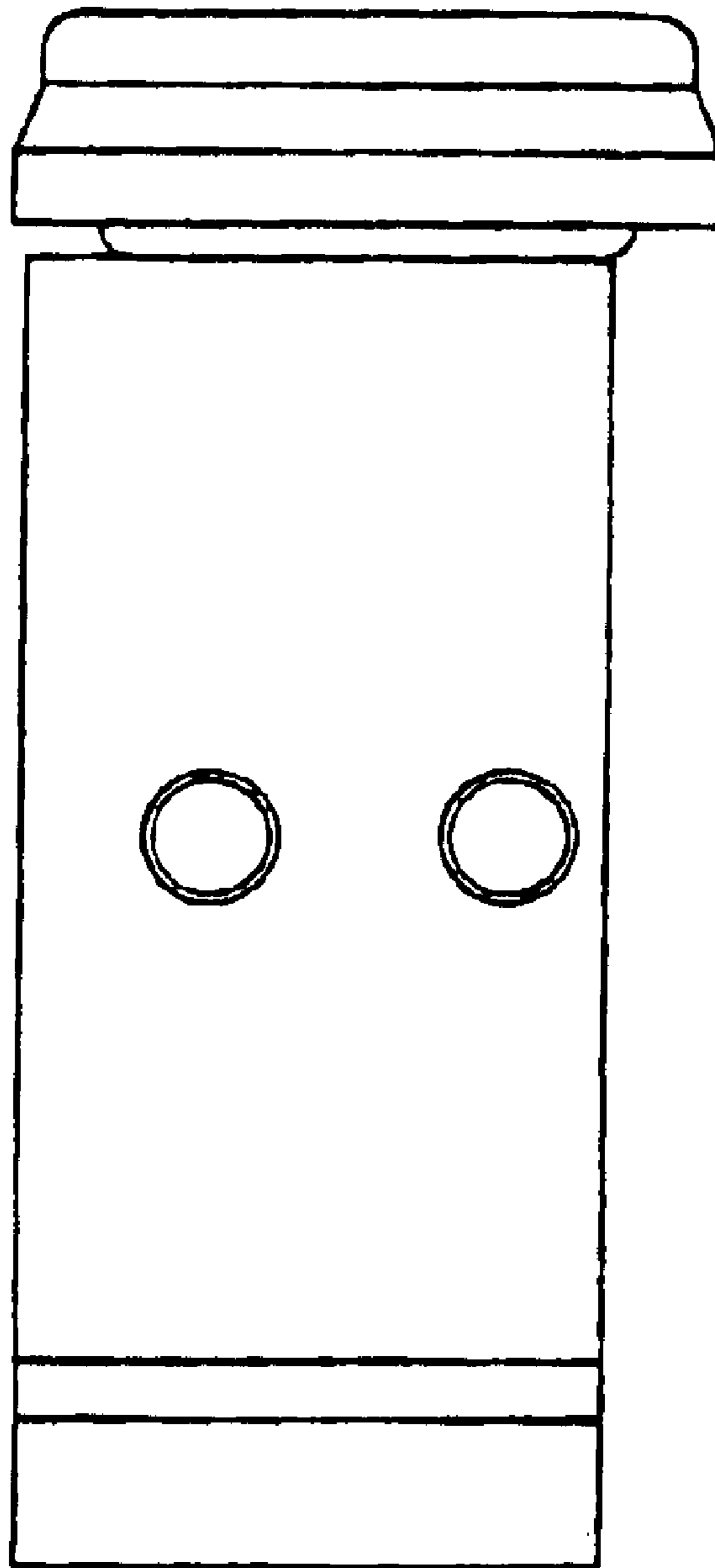


FIG. 3

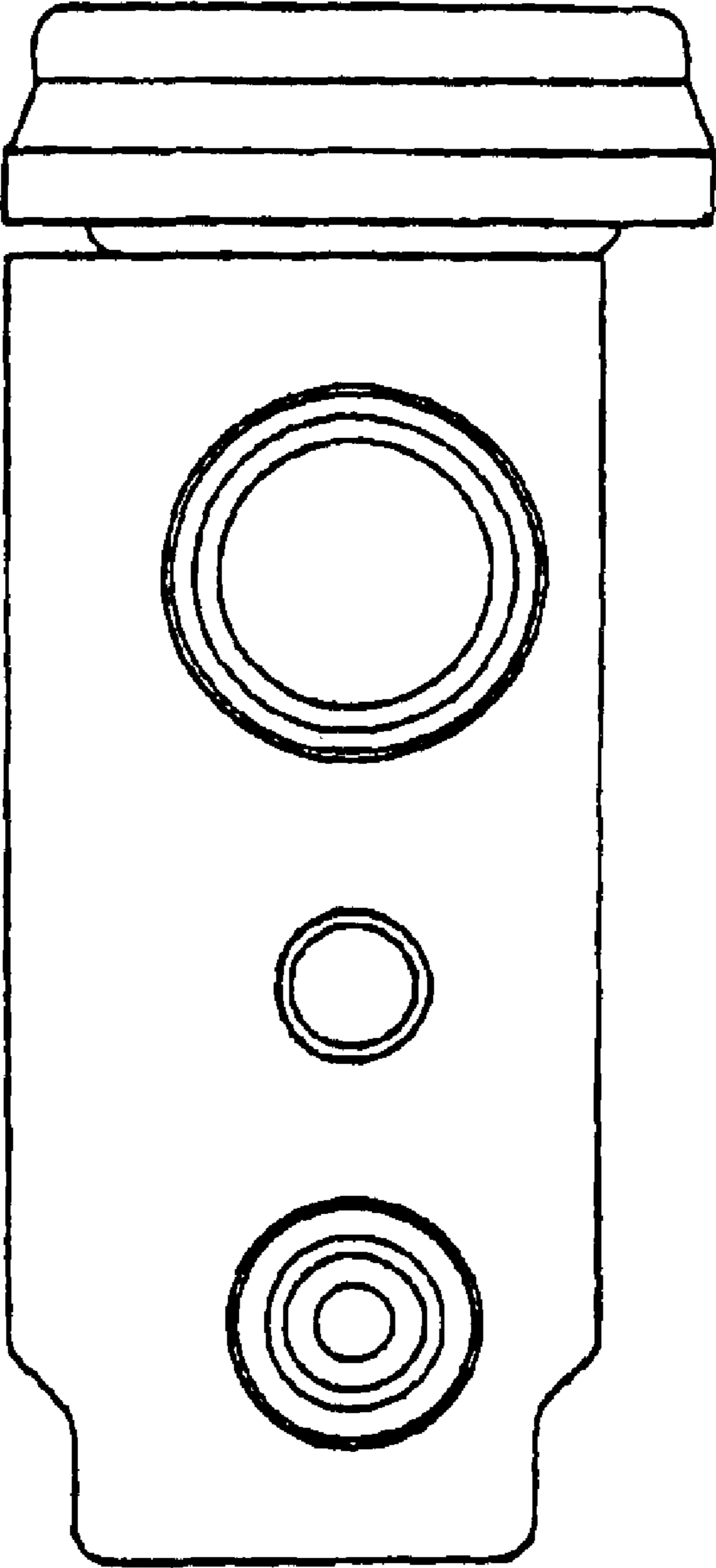


FIG. 4

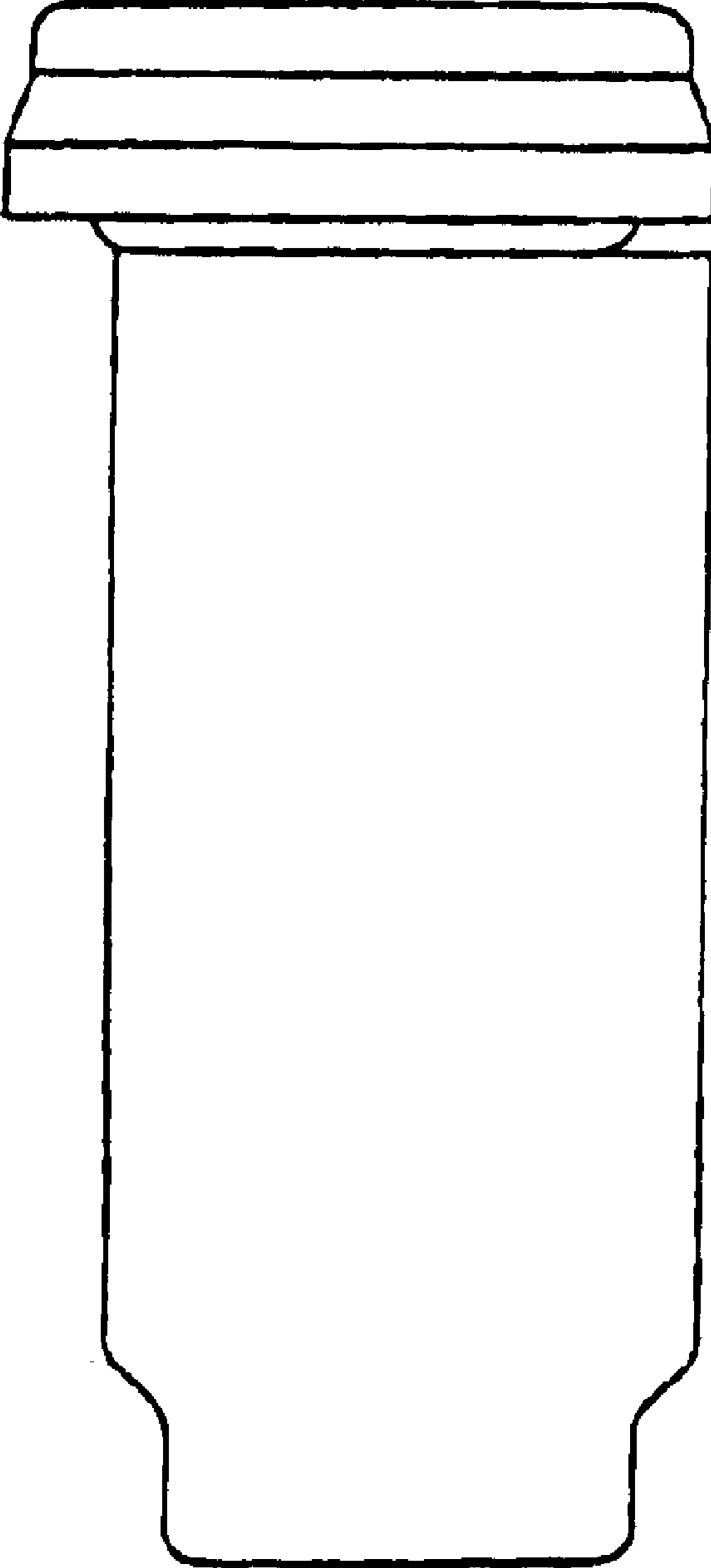


FIG. 5

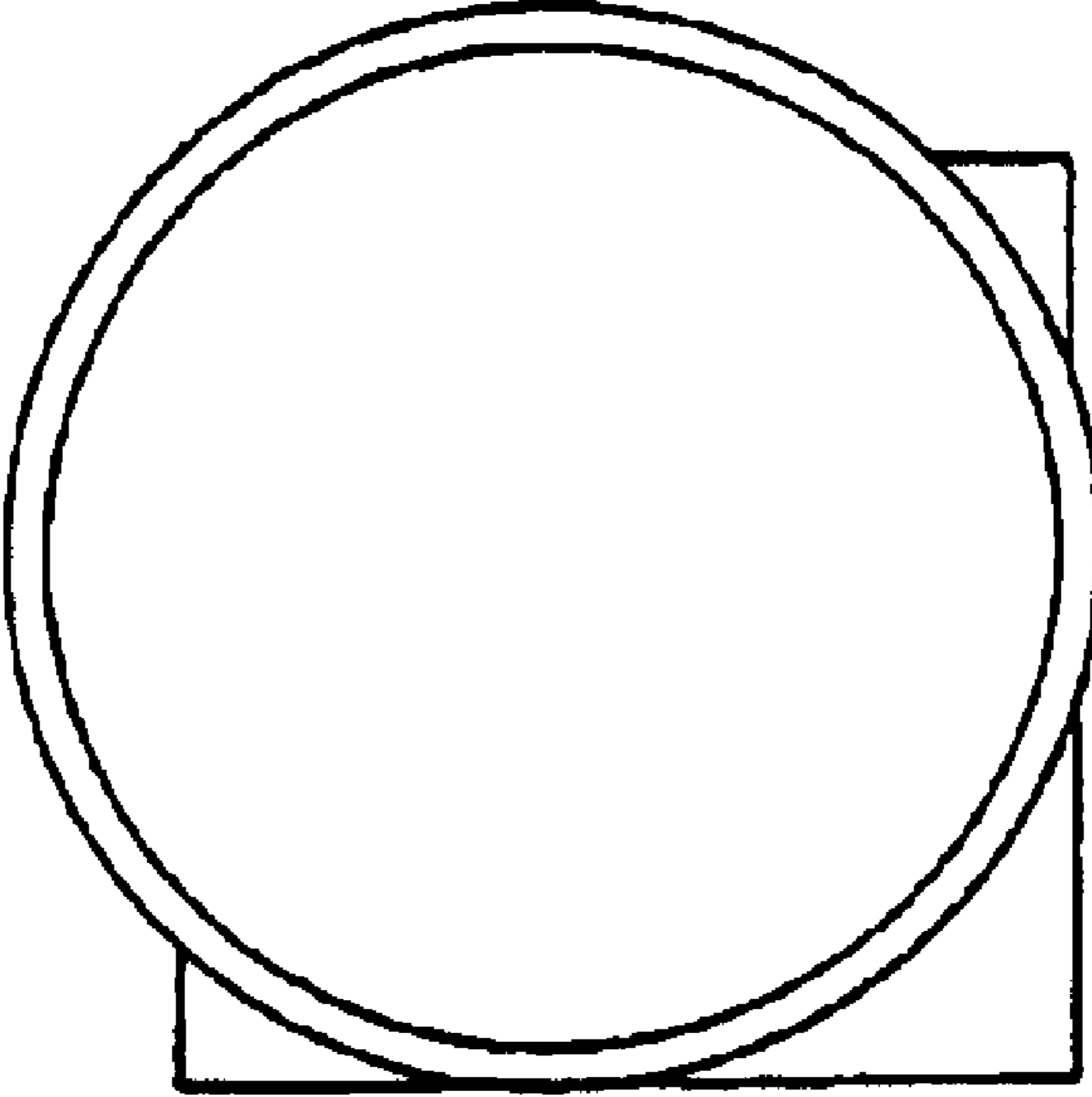


FIG. 6

