



US00D413373S

United States Patent [19]

Watanabe

[11] Patent Number: Des. 413,373

[45] Date of Patent: ** Aug. 31, 1999

[54] EXPANSION VALVE

DESCRIPTION

[75] Inventor: Kazuhiko Watanabe, Tokyo, Japan

[73] Assignee: Fujikoki Corporation, Tokyo, Japan

[**] Term: 14 Years

[21] Appl. No.: 29/092,443

[22] Filed: Aug. 19, 1998

[30] Foreign Application Priority Data

Mar. 18, 1998	[JP]	Japan	10-7347
May 12, 1998	[JP]	Japan	10-13230

[51] LOC (6) Cl. 23-01

[52] U.S. Cl. D23/233

[58] Field of Search D23/233-237,
D23/244, 245; 137/884, 625.64

[56] References Cited

U.S. PATENT DOCUMENTS

D. 246,908	1/1978	Fetty	D23/233
D. 398,375	9/1998	Lunch et al.	D23/245
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5,555,911	9/1996	Fukano et al.	137/625.64
5,709,247	1/1998	Hutton	137/884

Primary Examiner—Alan P. Douglas

Assistant Examiner—Robin V. Taylor

Attorney, Agent, or Firm—Armstrong, Westerman, Hattori,
McLeland & Naughton

[57] CLAIM

The ornamental design for expansion valve, as shown.

FIG. 1 is a perspective view of the expansion valve seen from a right front view of a first embodiment;

FIG. 2 is a perspective view of the expansion valve seen from a left front view of the first embodiment;

FIG. 3 is a front view of the expansion valve of the first embodiment;

FIG. 4 is a view of the right side expansion valve of the first embodiment;

FIG. 5 is a plan view of the expansion valve of the first embodiment;

FIG. 6 is a bottom view of the expansion valve of the first embodiment;

FIG. 7 is a view of the left side of the expansion valve of the first embodiment;

FIG. 8 is a perspective view of the expansion valve seen from a right front view of a second embodiment;

FIG. 9 is a perspective view of the expansion valve seen from a left front view of the second embodiment;

FIG. 10 is a front view of the expansion valve of the second embodiment;

FIG. 11 is a view of the right side of the expansion valve of the second embodiment;

FIG. 12 is a plan view of the expansion valve of the second embodiment;

FIG. 13 is a bottom view of the expansion valve of the second embodiment; and,

FIG. 14 is a view of the left side of the expansion valve of the second embodiment.

1 Claim, 6 Drawing Sheets

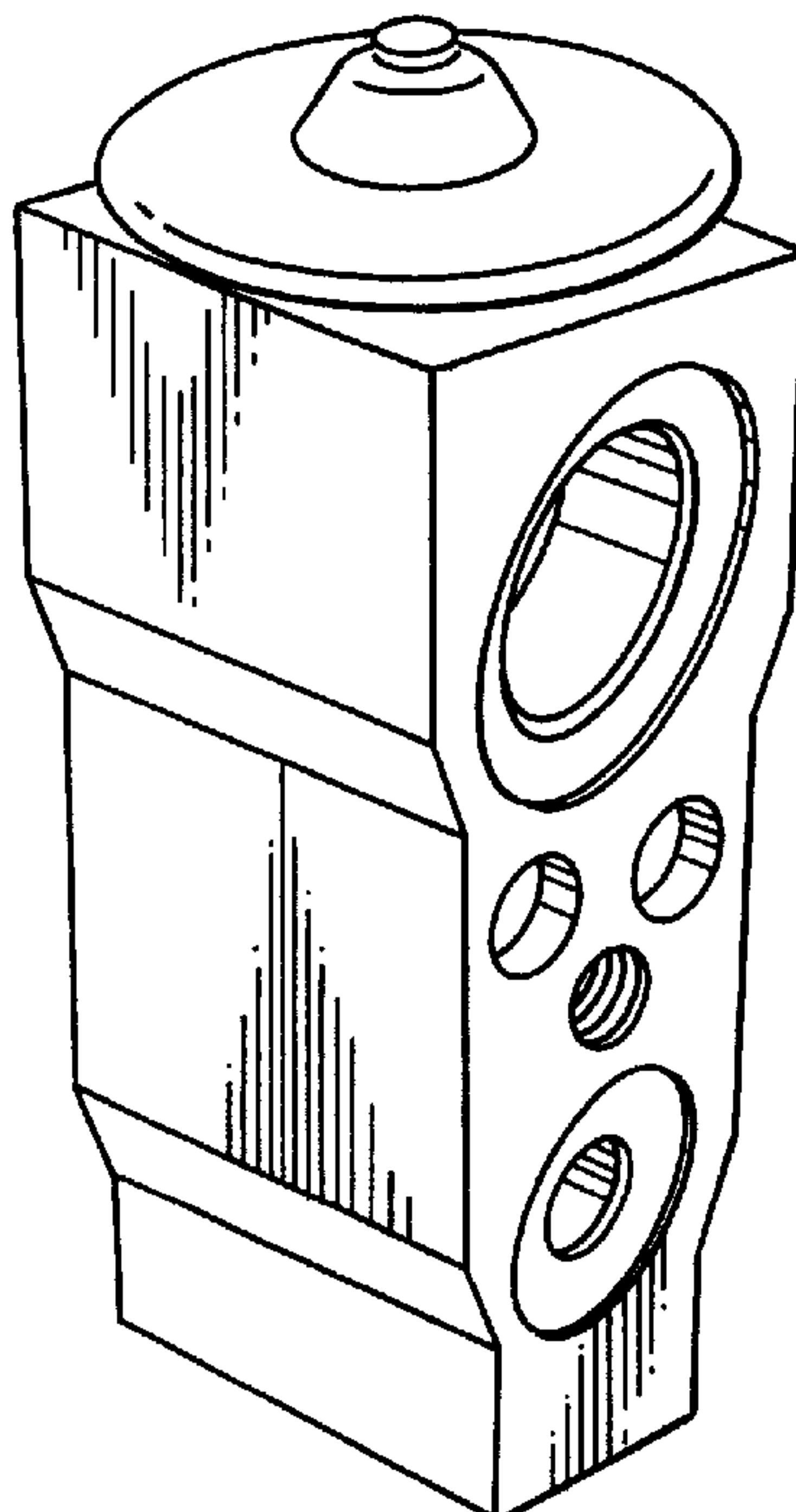


FIG.1

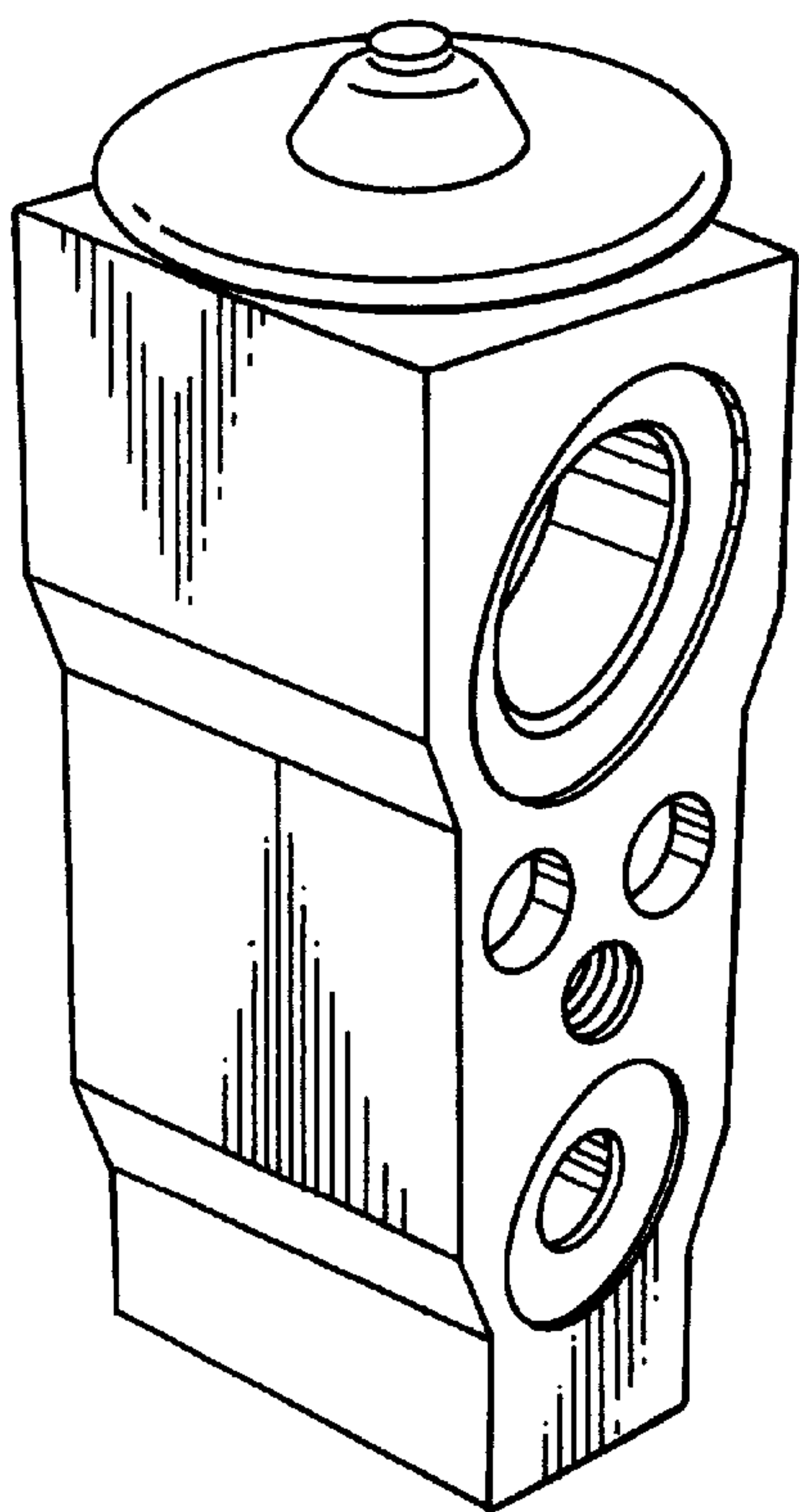


FIG.2

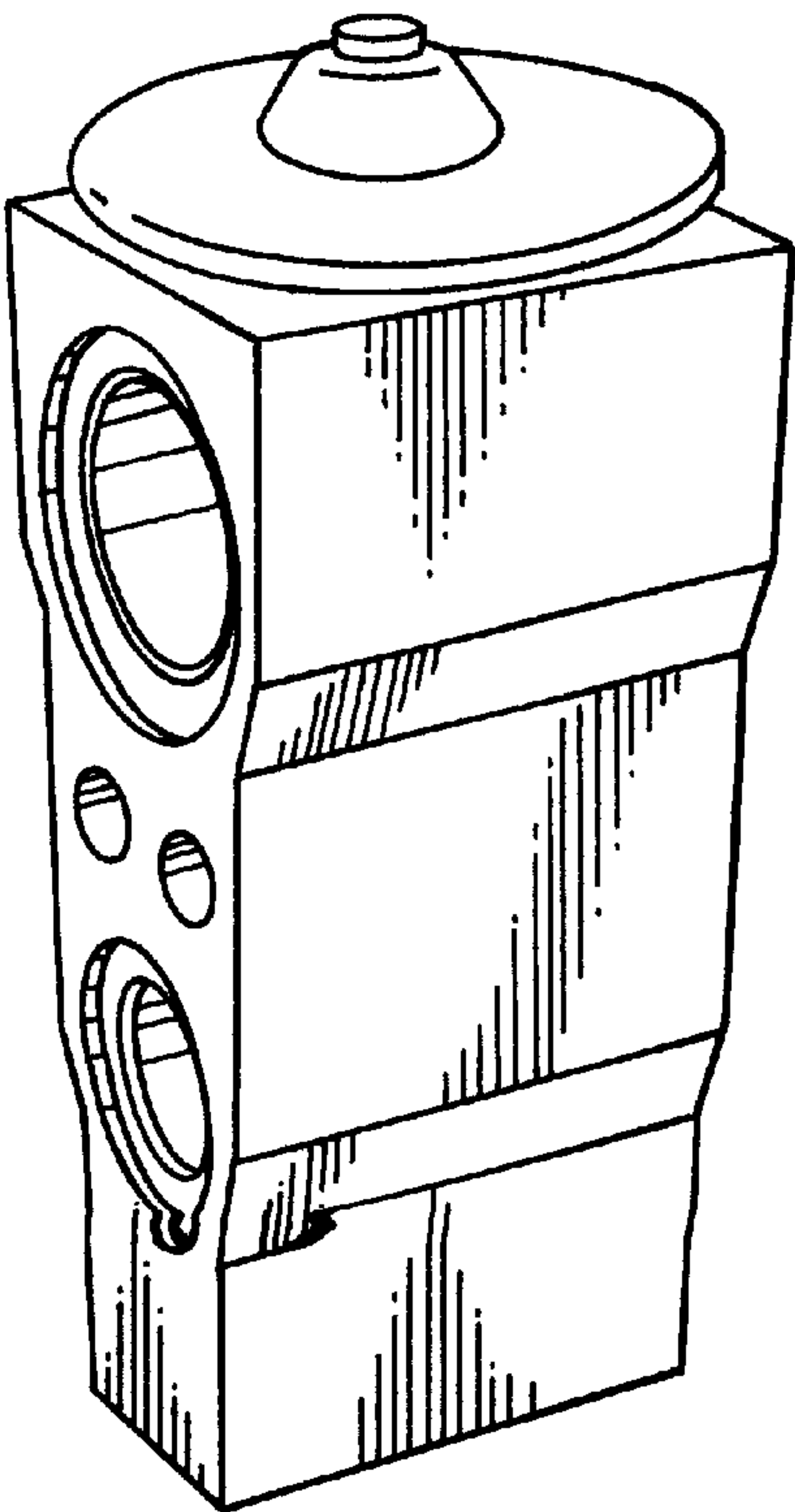


FIG.3

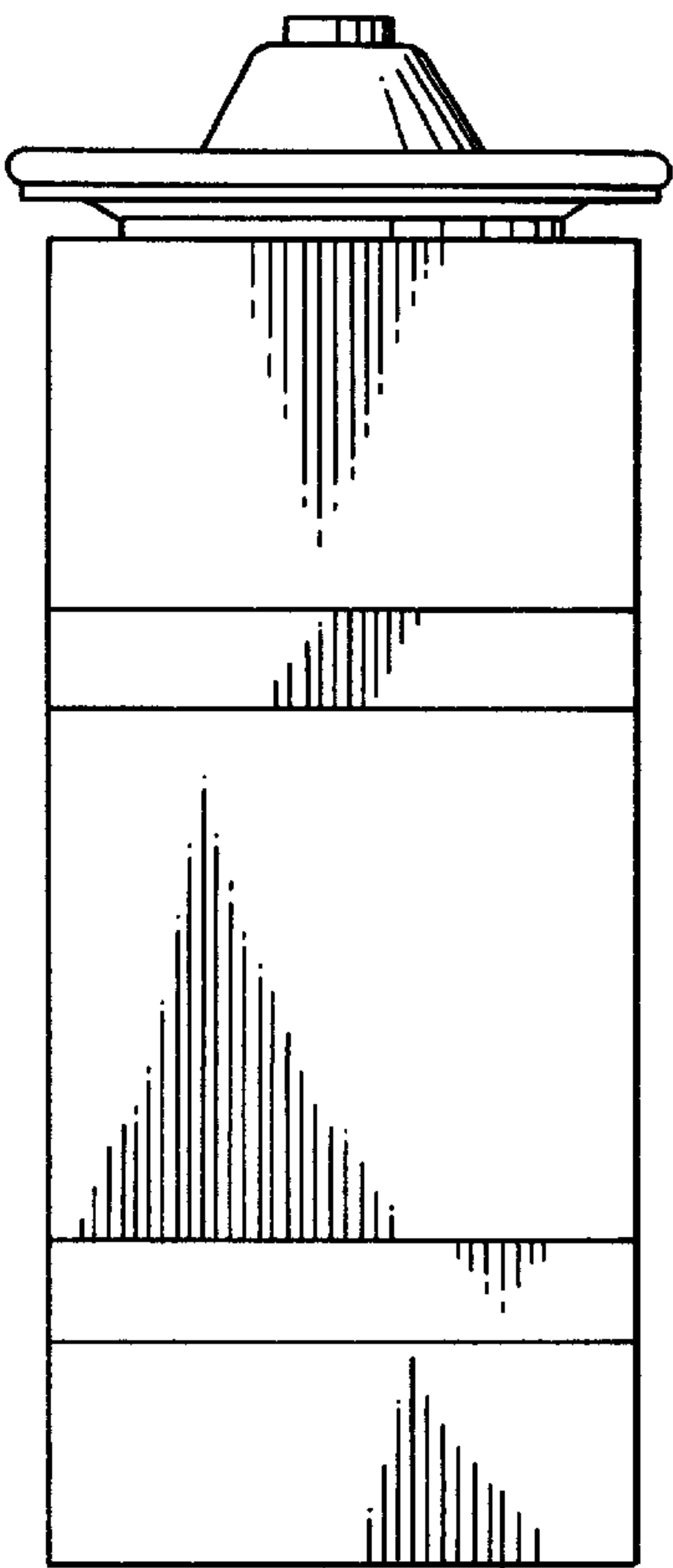


FIG.4

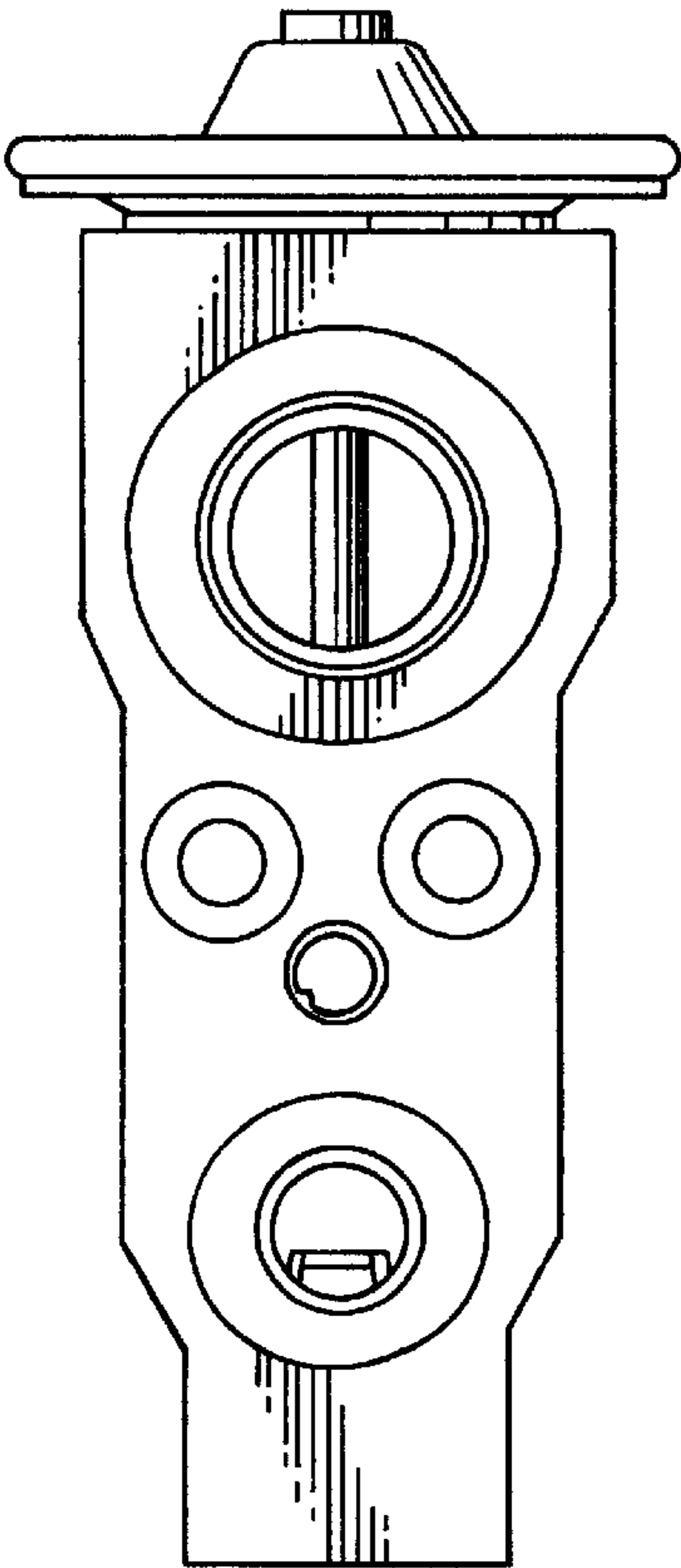


FIG.5

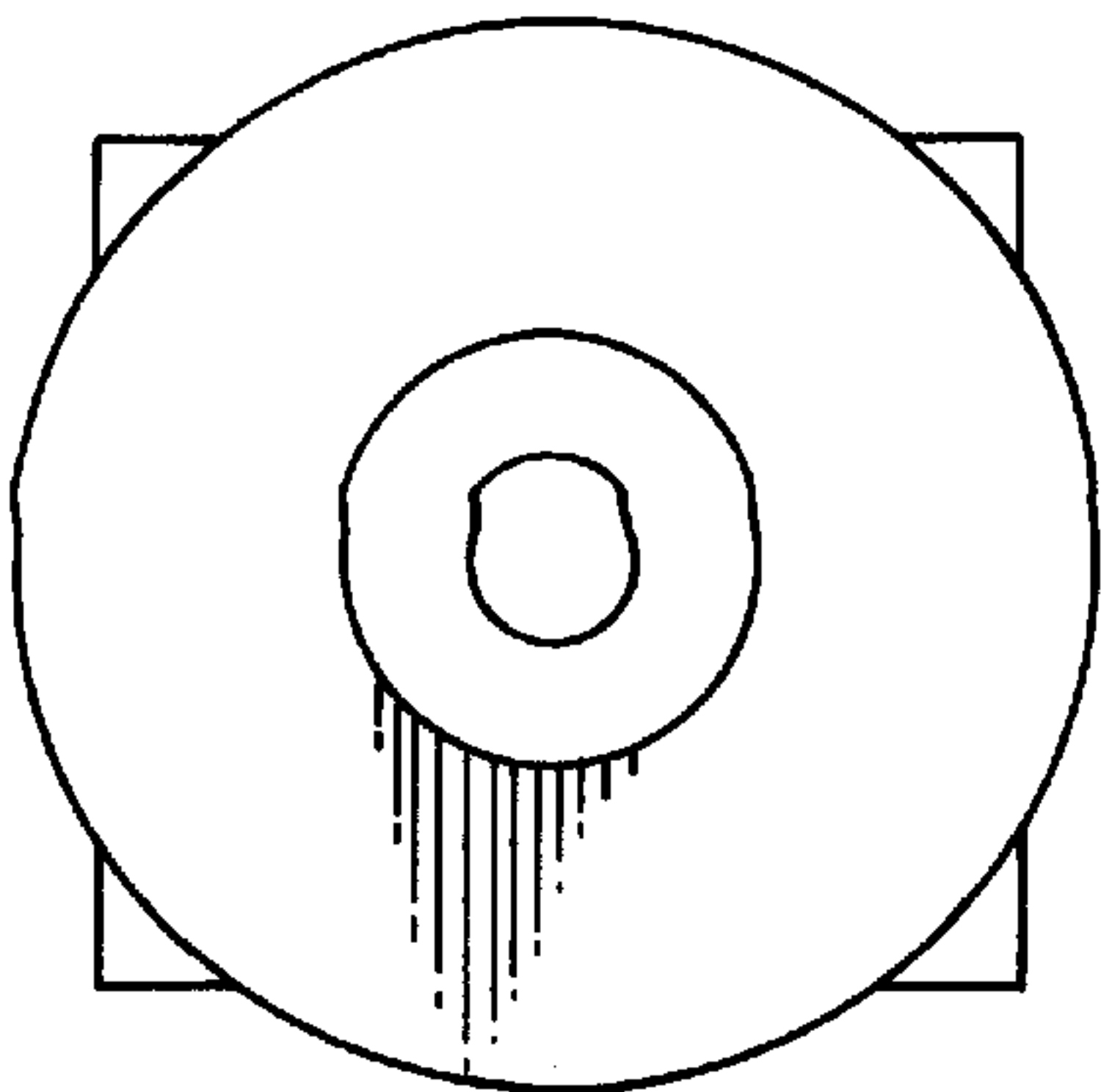


FIG.6

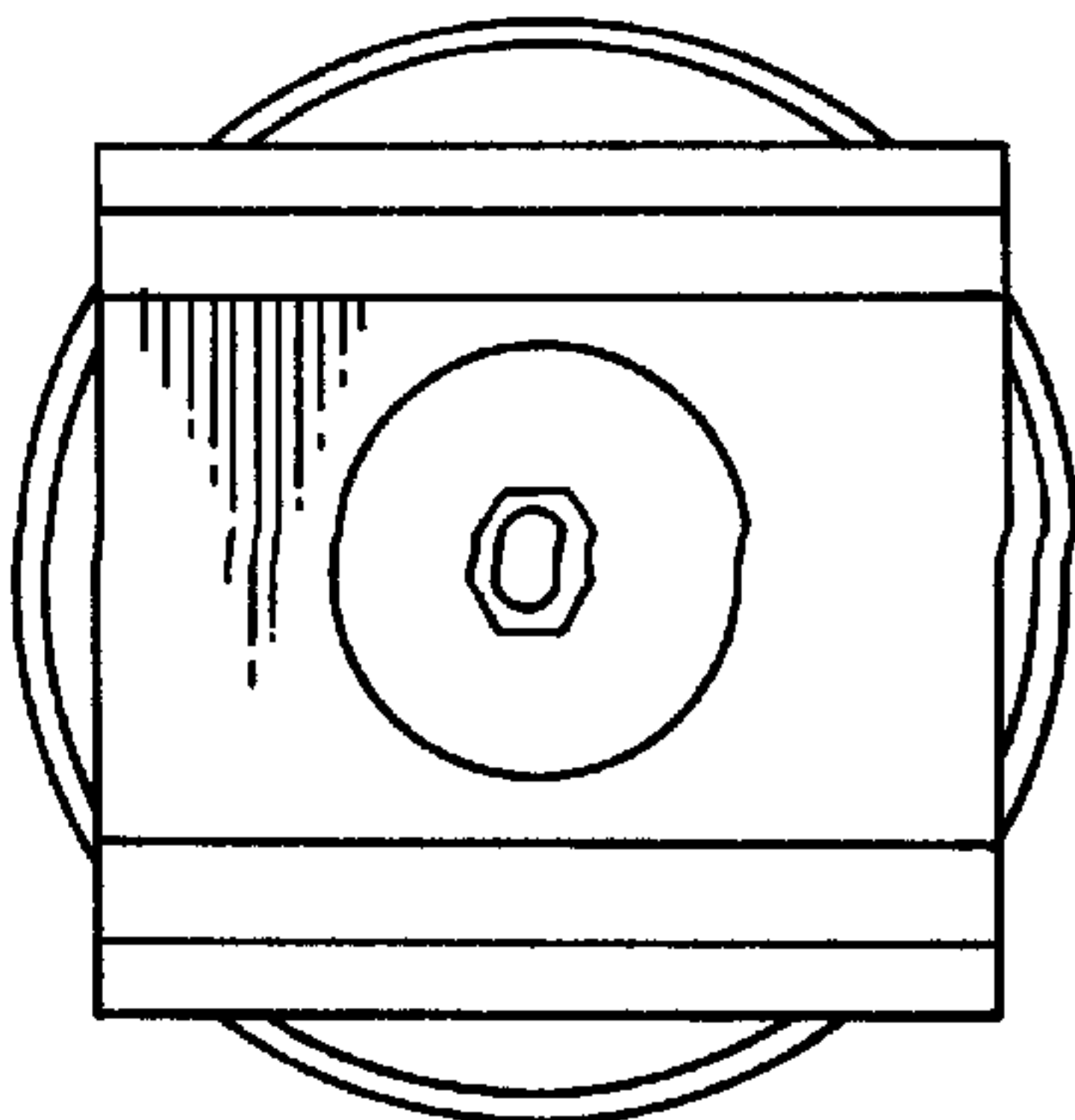


FIG. 7

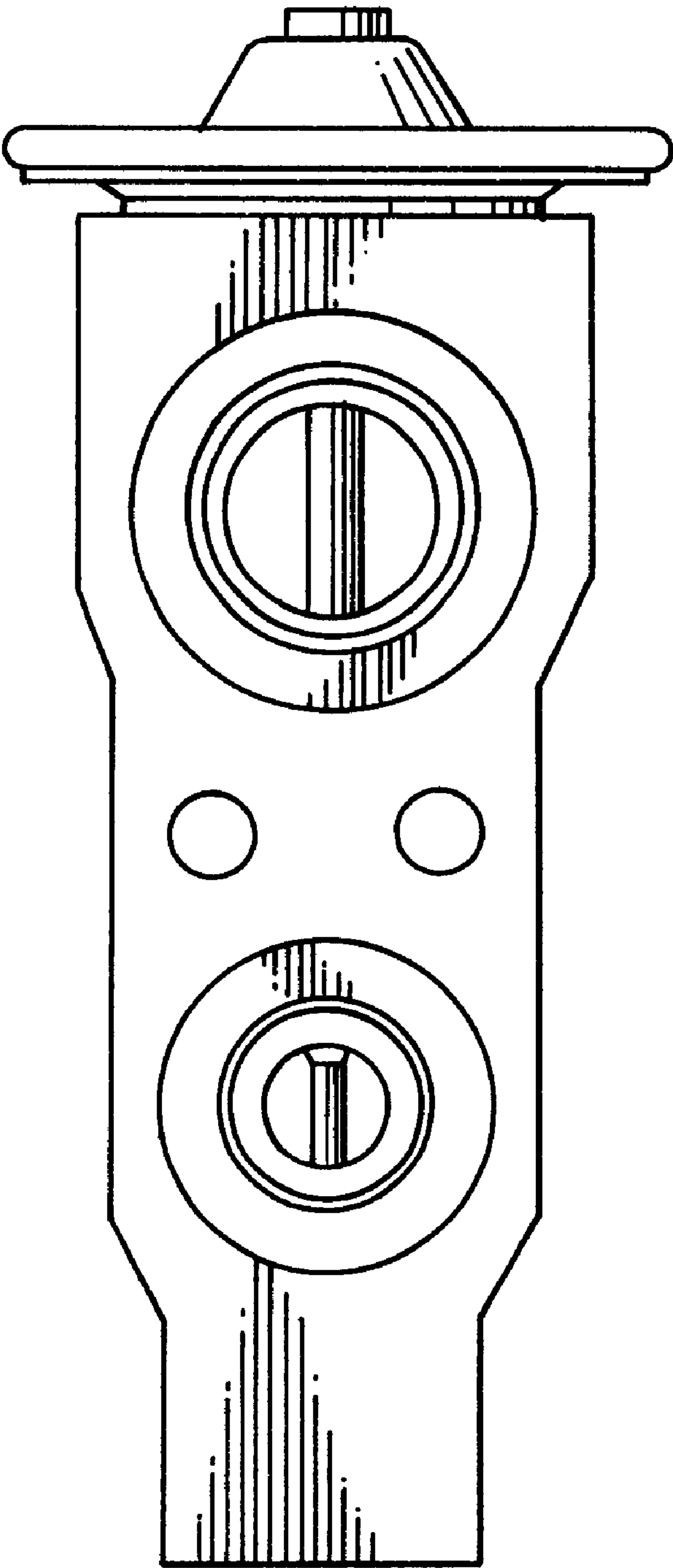


FIG.8

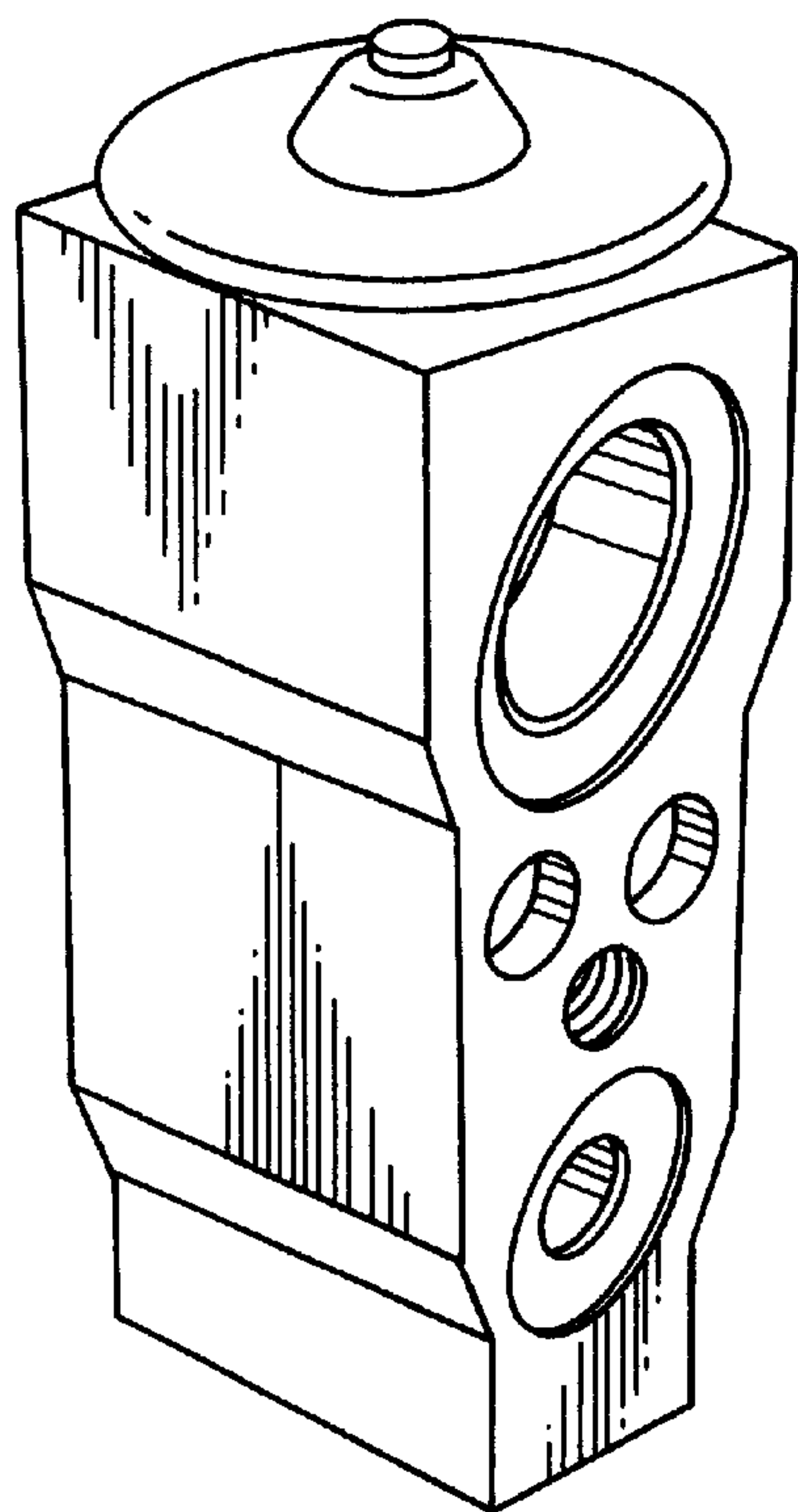


FIG.9

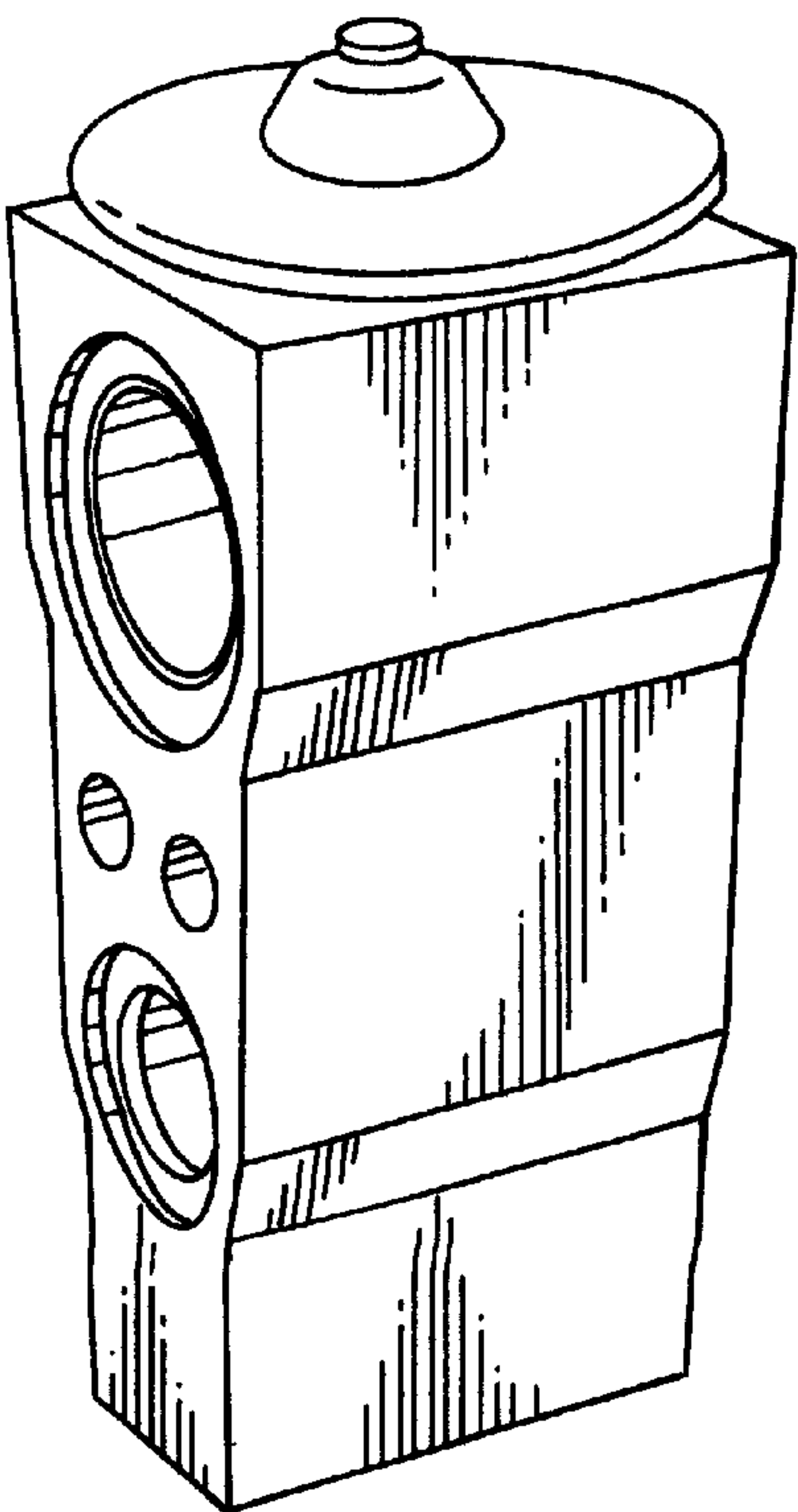


FIG.10

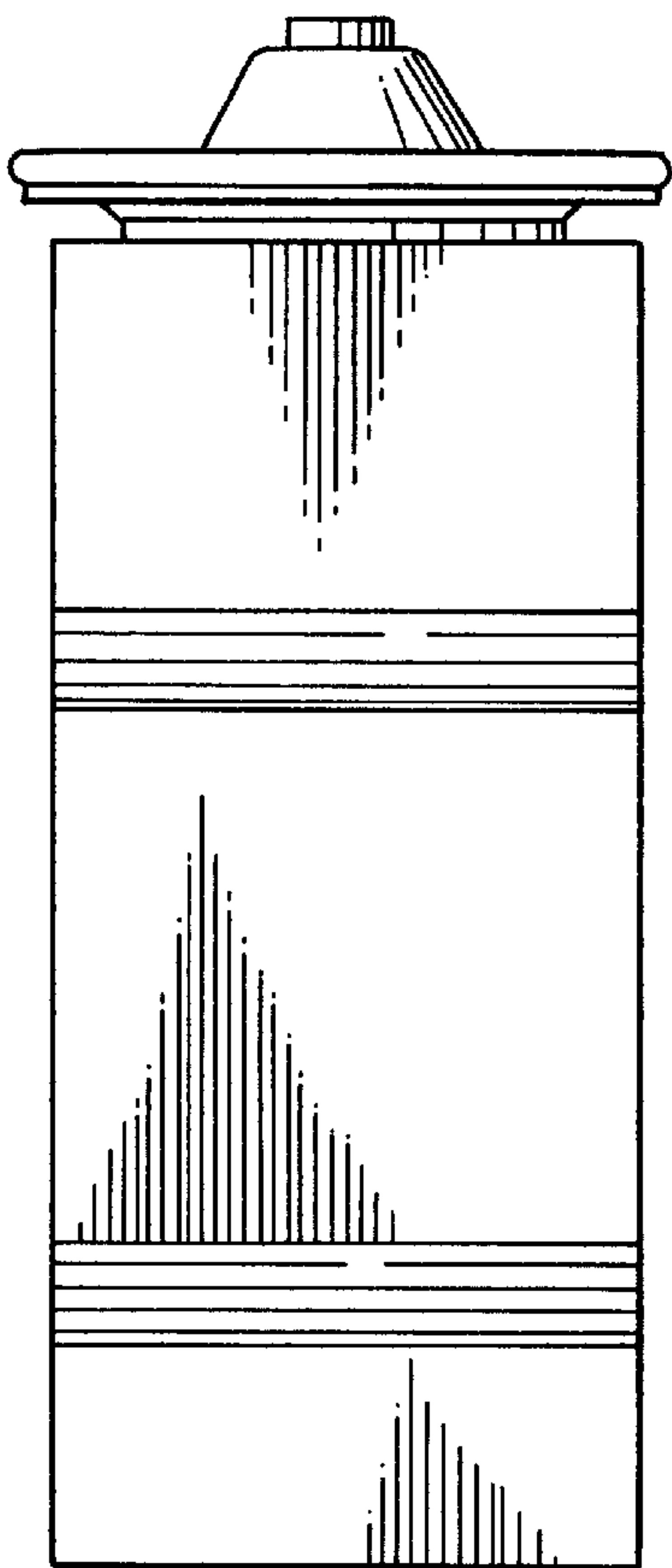


FIG.11

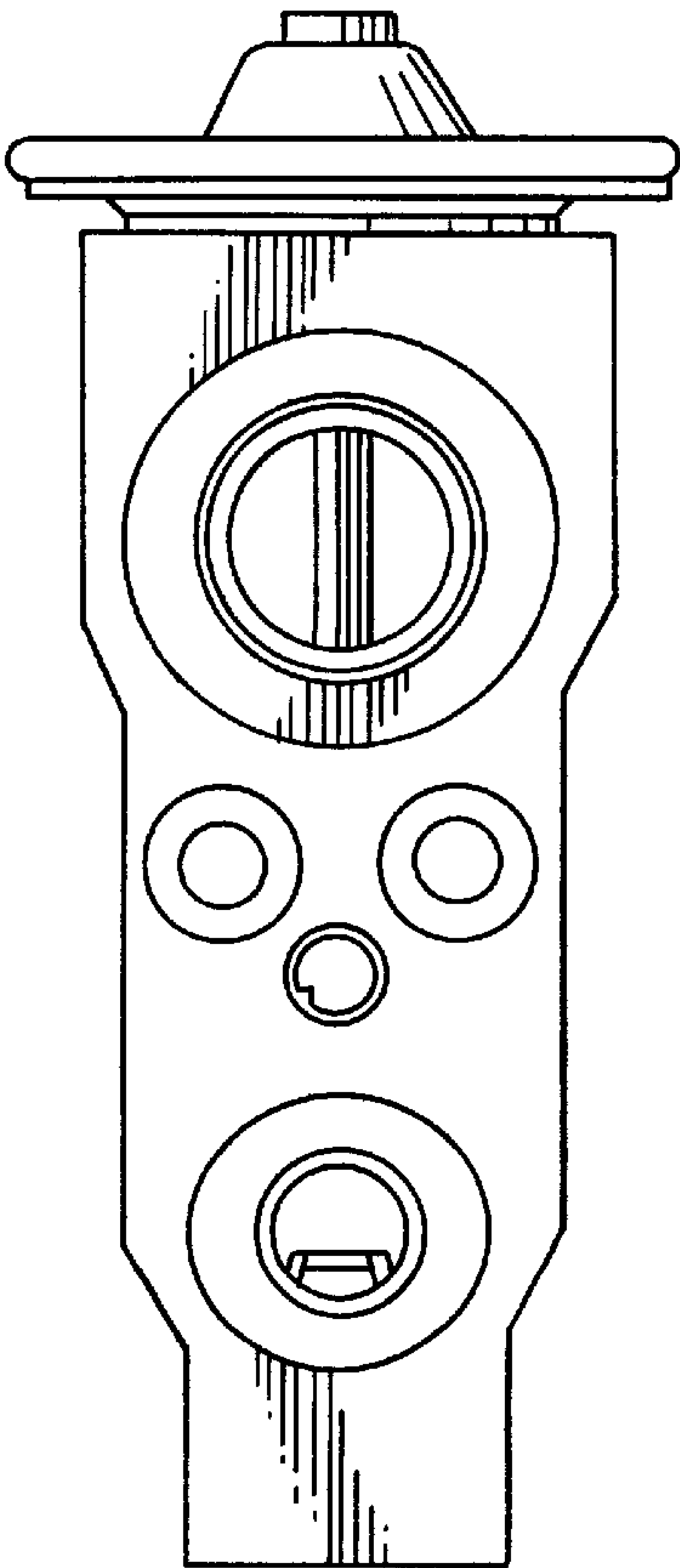


FIG.12

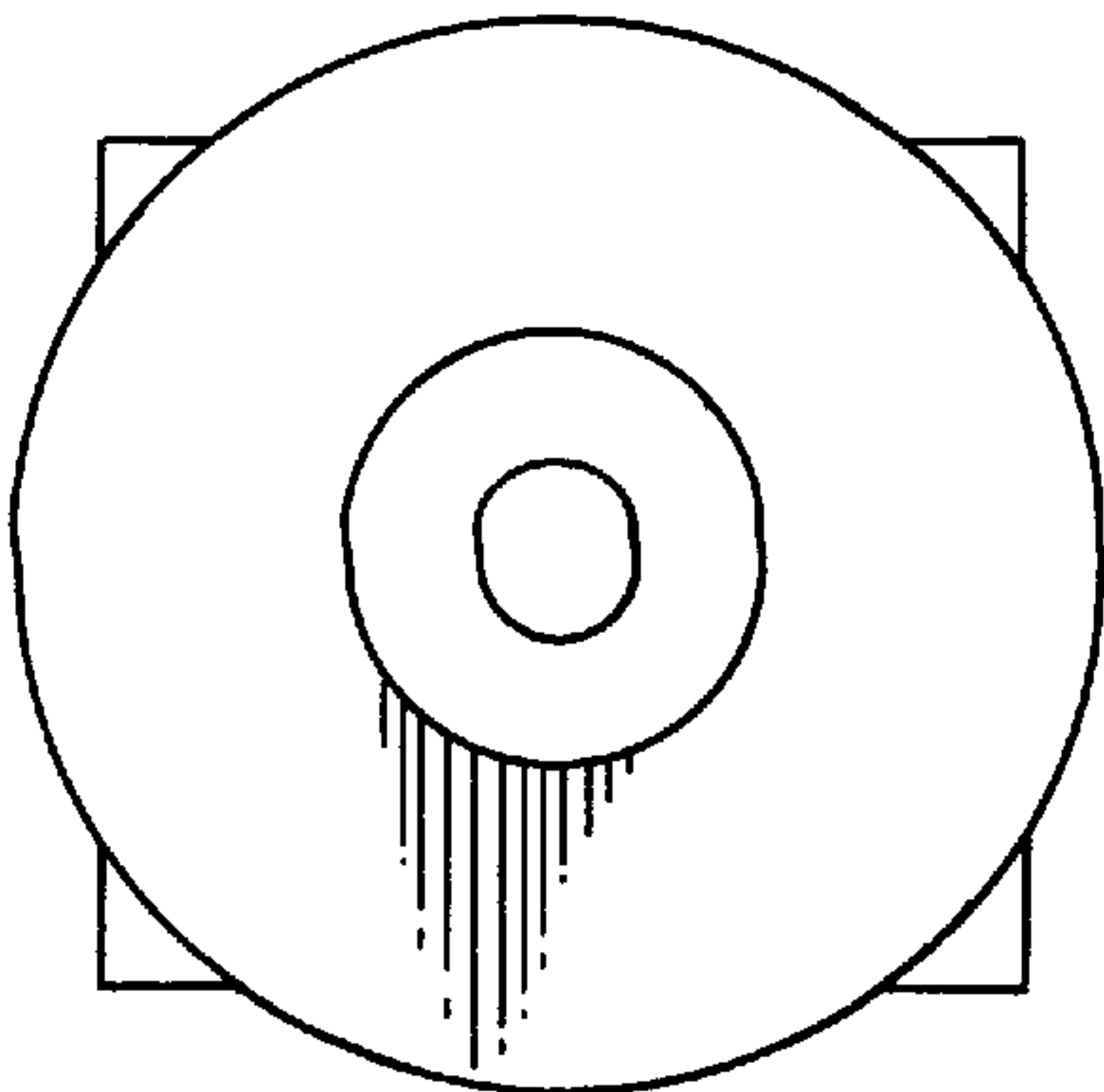


FIG.13

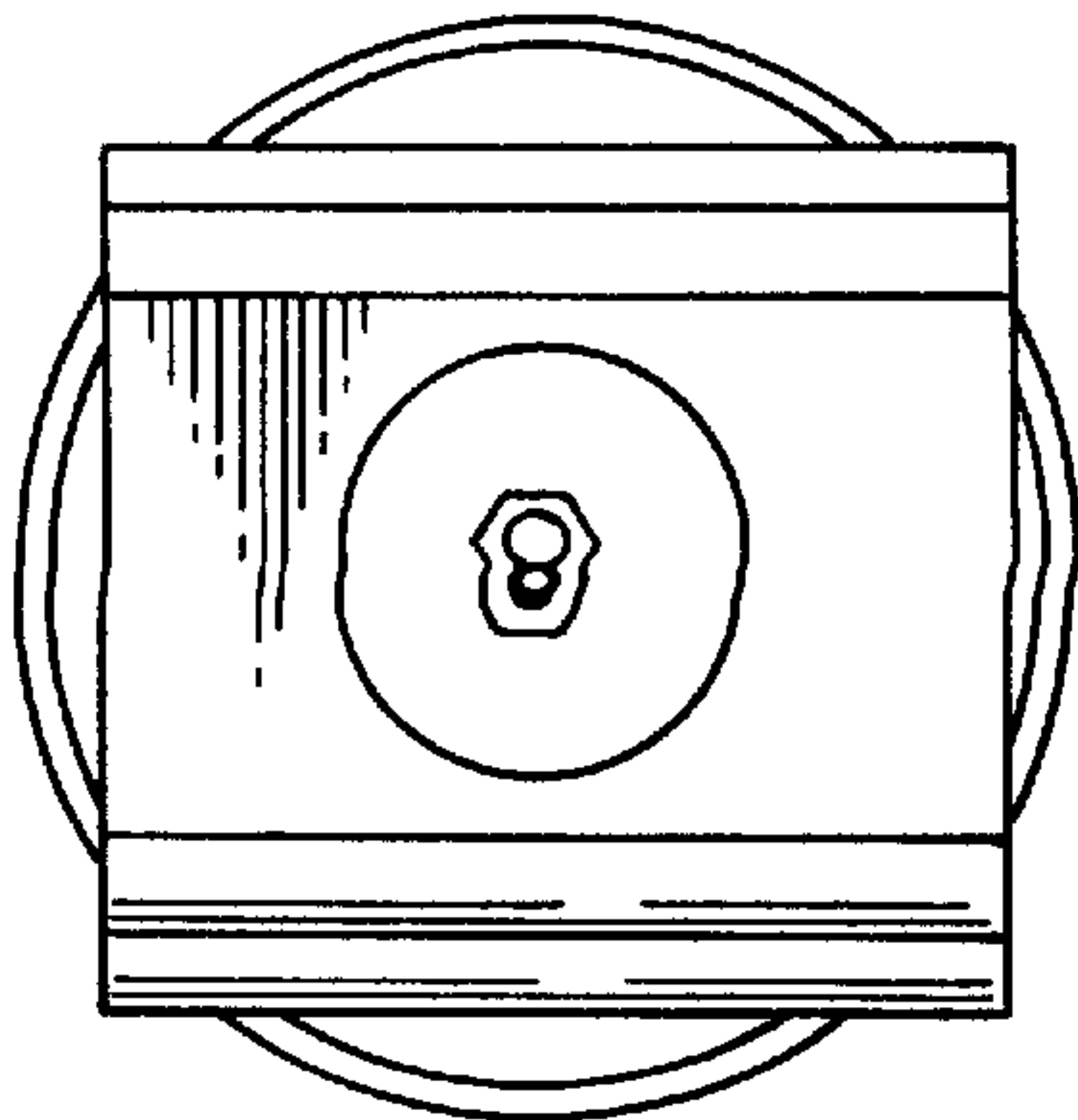
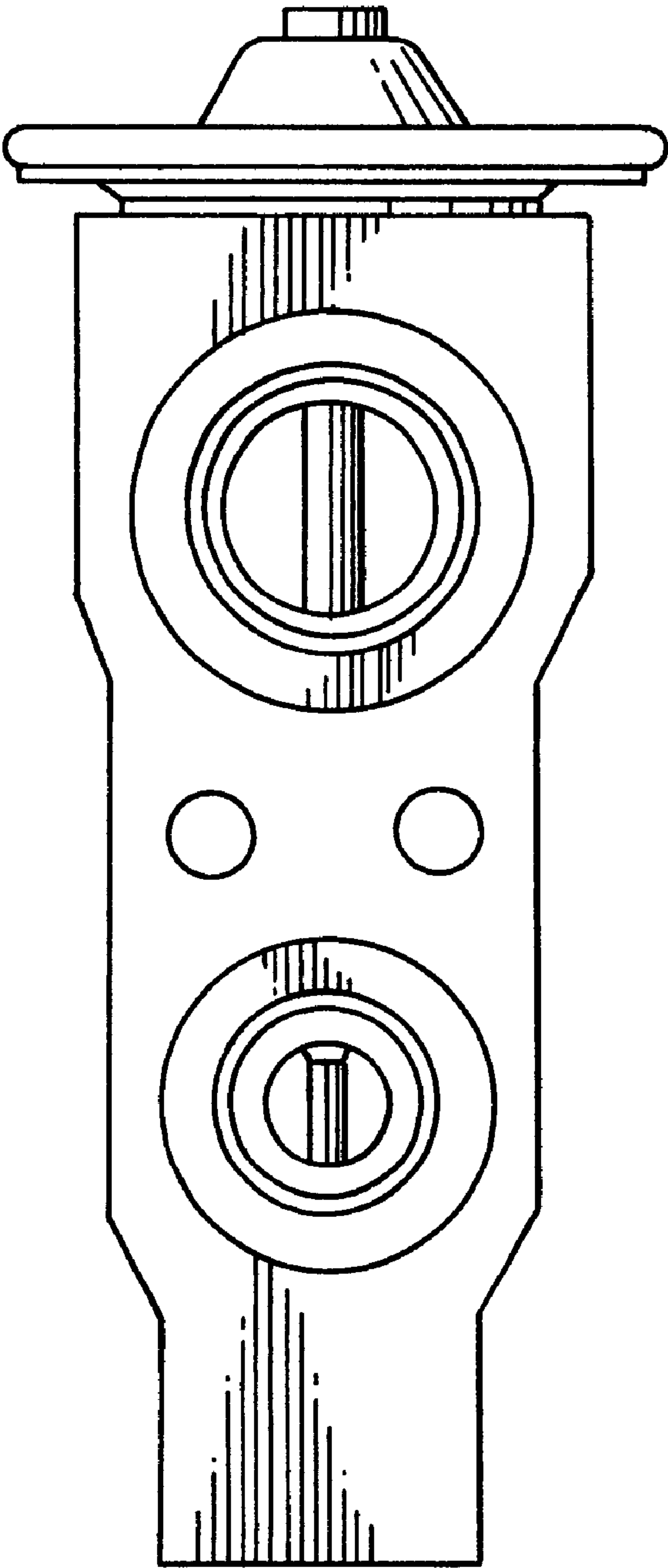


FIG. 14



UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO.: Des 413,373
DATED : August 31, 1999
INVENTOR(S): Kazuhiko WATANABE

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

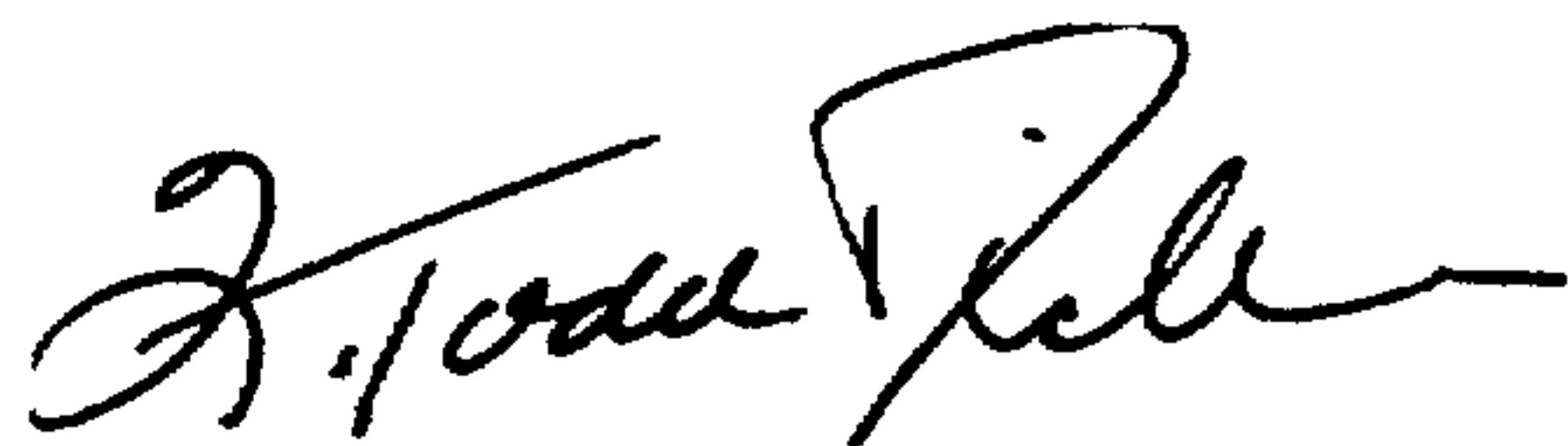
IN THE PATENT:

IN THE DRAWINGS:

Please replace the published Figs. 8-14 with the corrected Figs. 8-14 (as attached)

Signed and Sealed this
Fourteenth Day of November, 2000

Attest:



Q. TODD DICKINSON

Attesting Officer

Director of Patents and Trademarks

FIG. 8

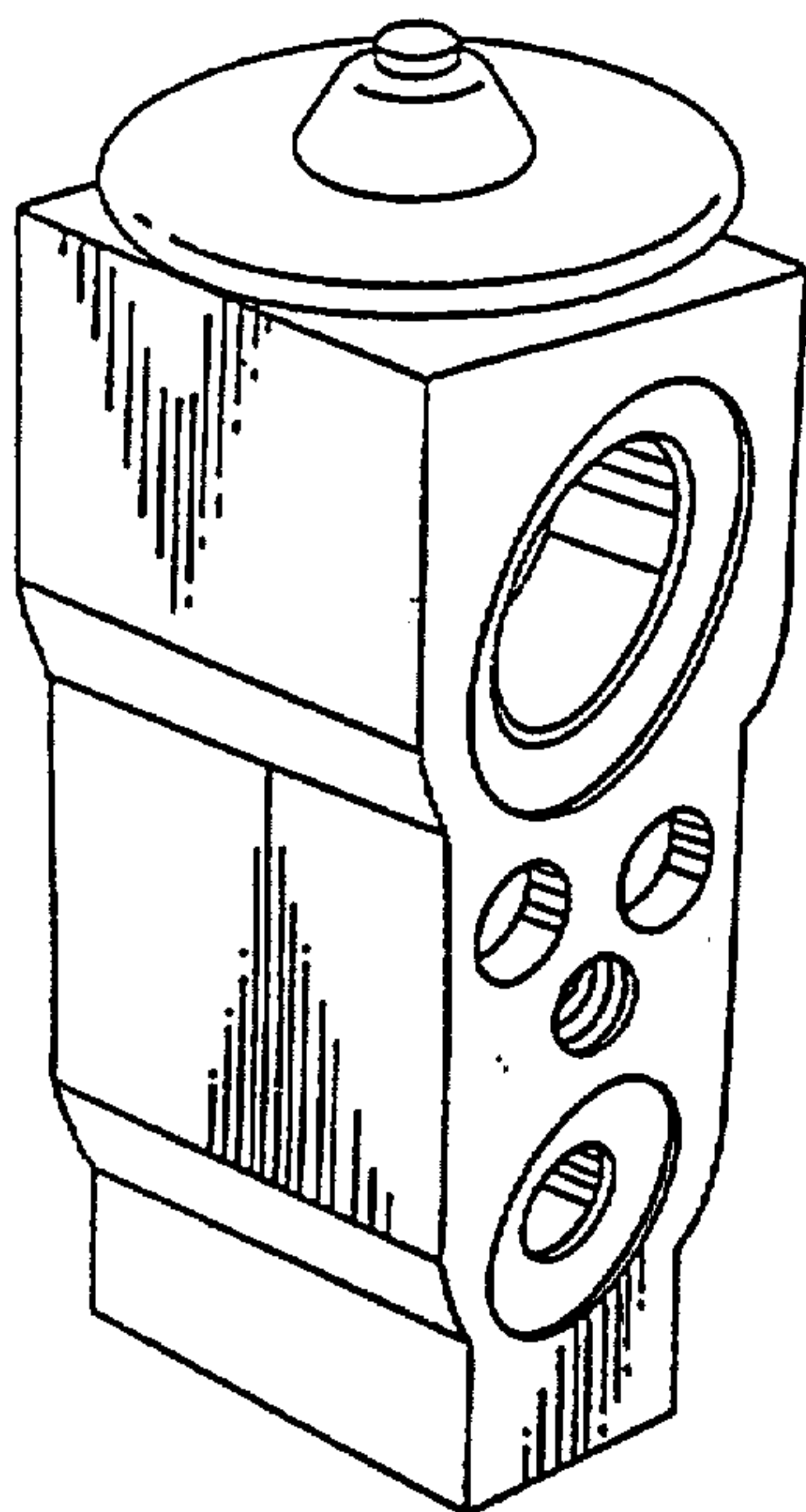


FIG. 9

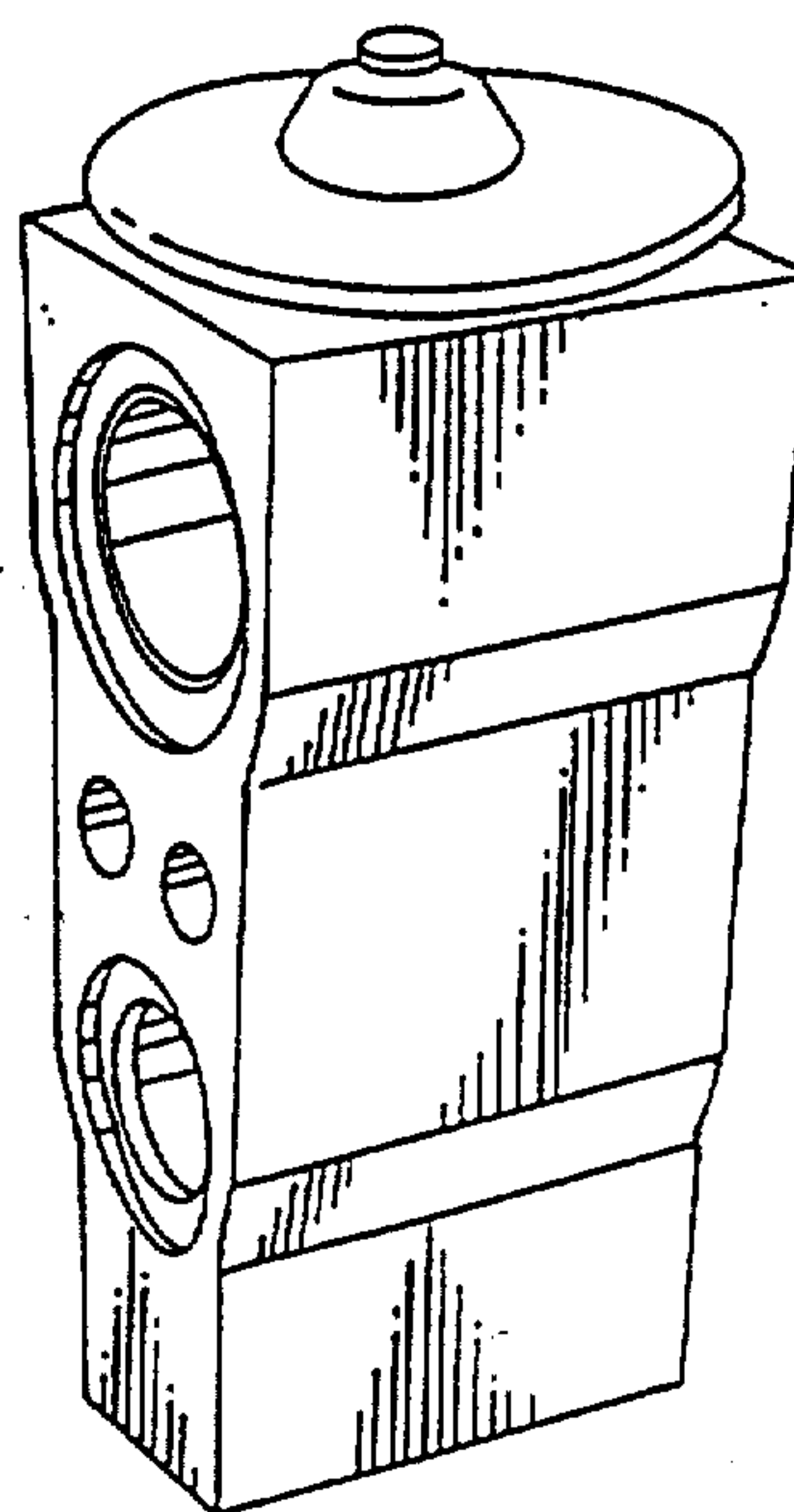


FIG.10

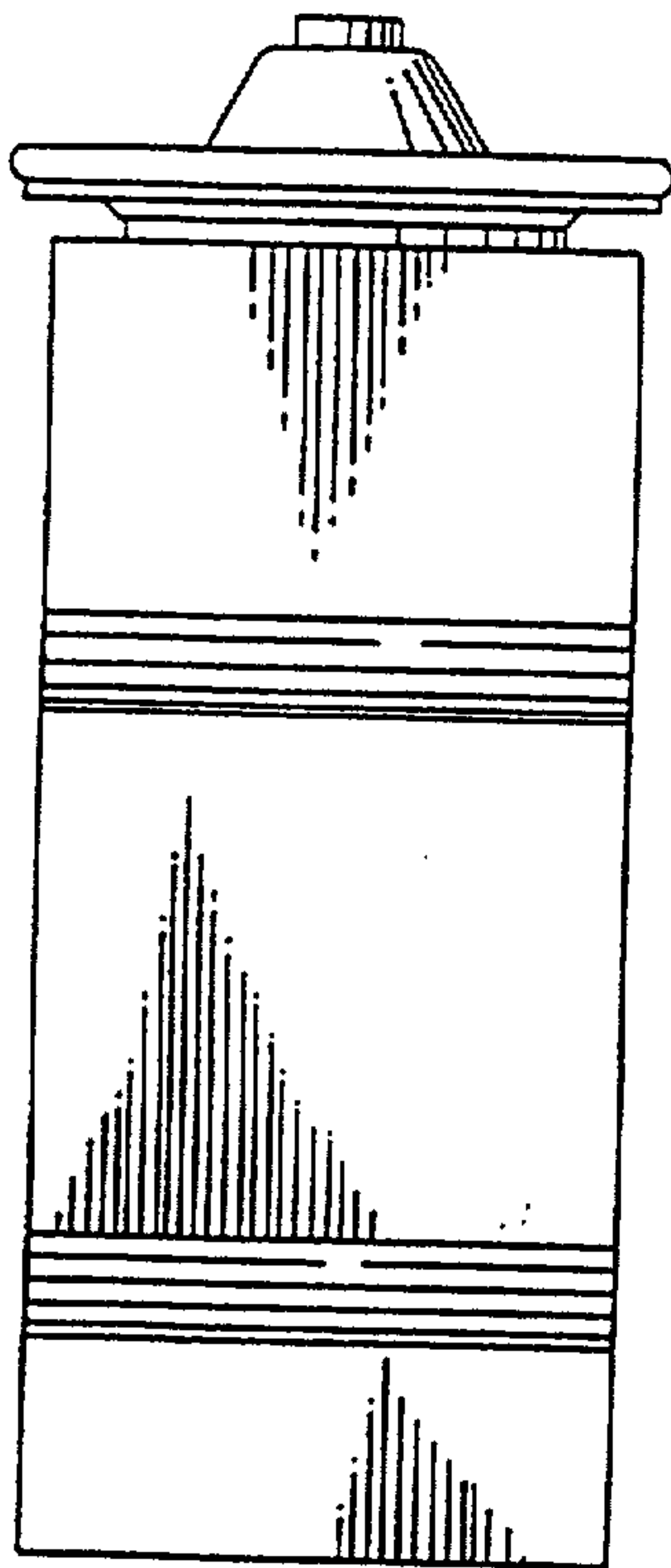


FIG.11

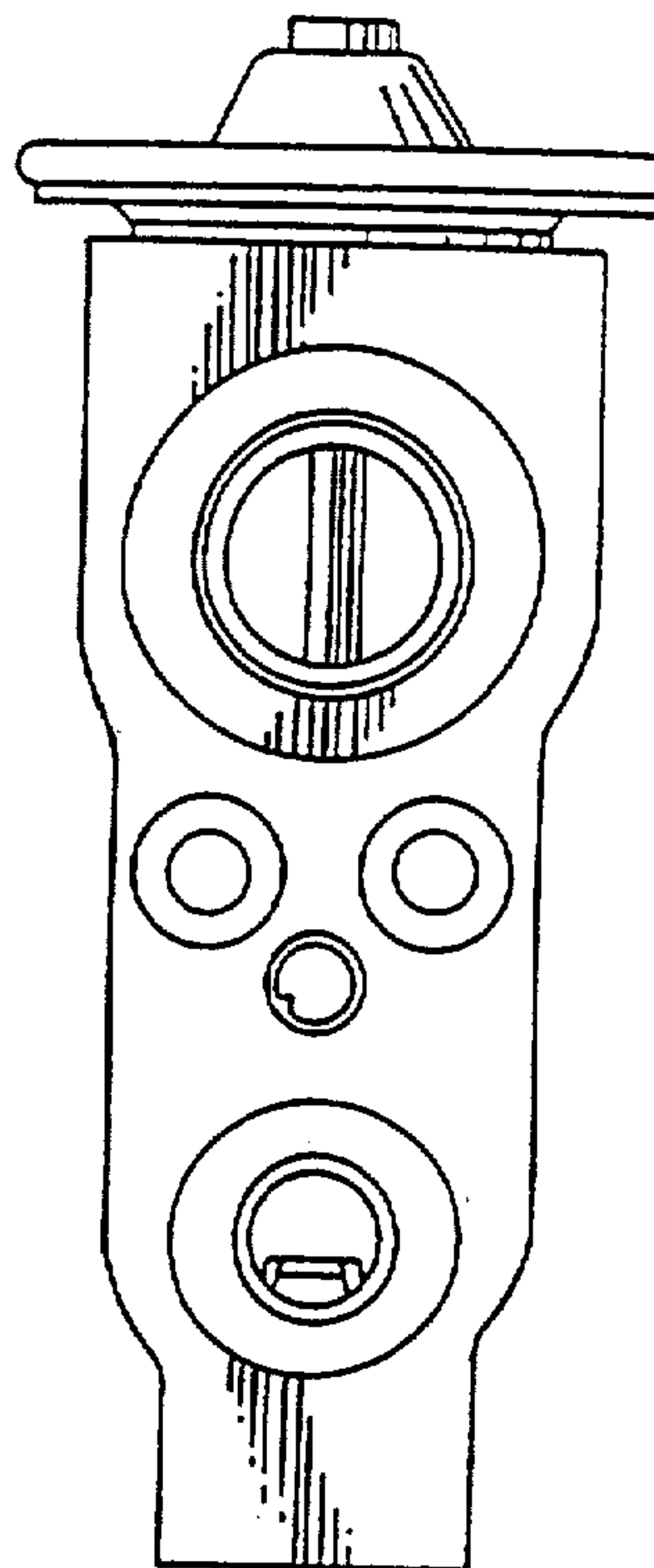


FIG.12

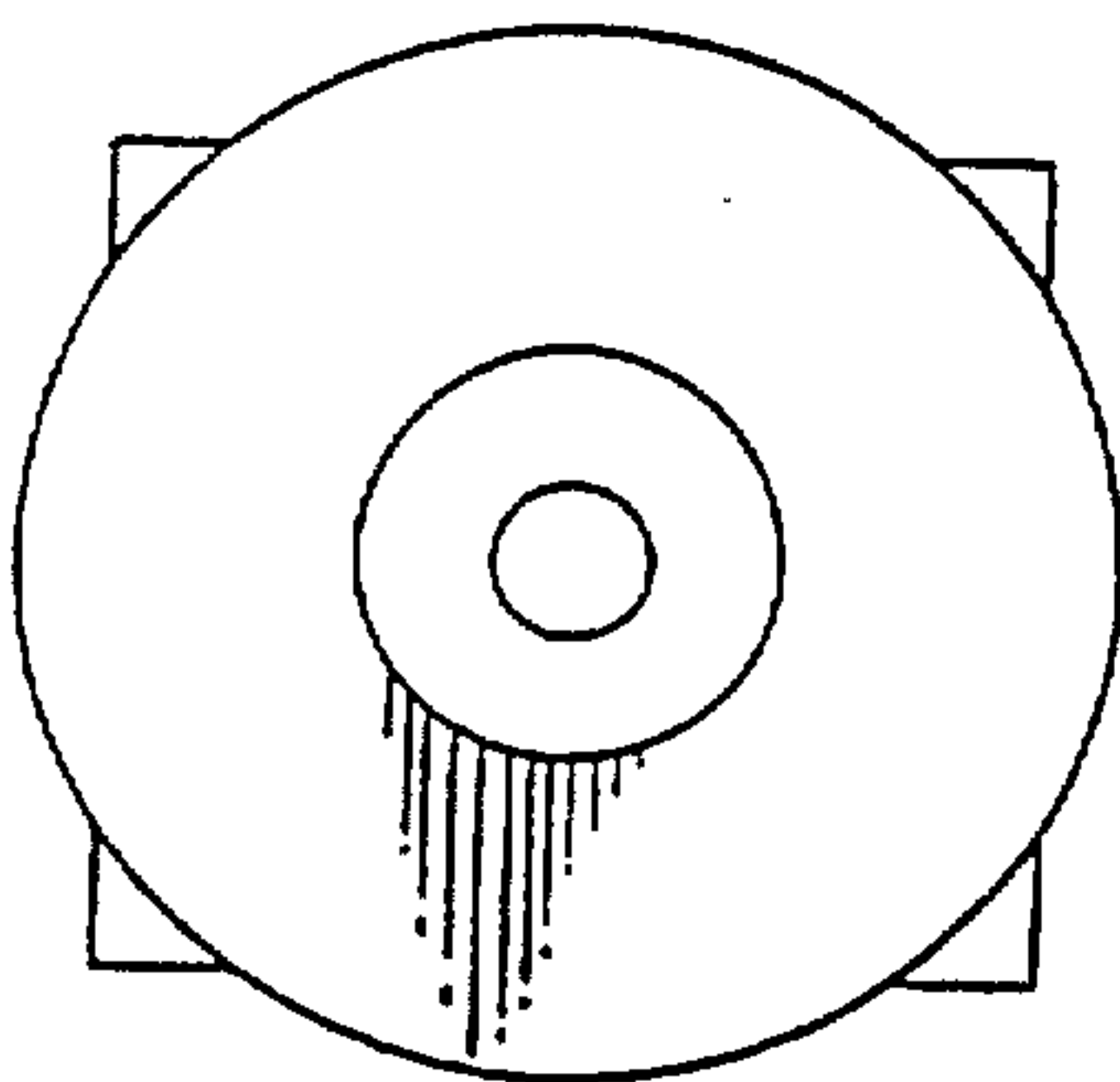


FIG.13

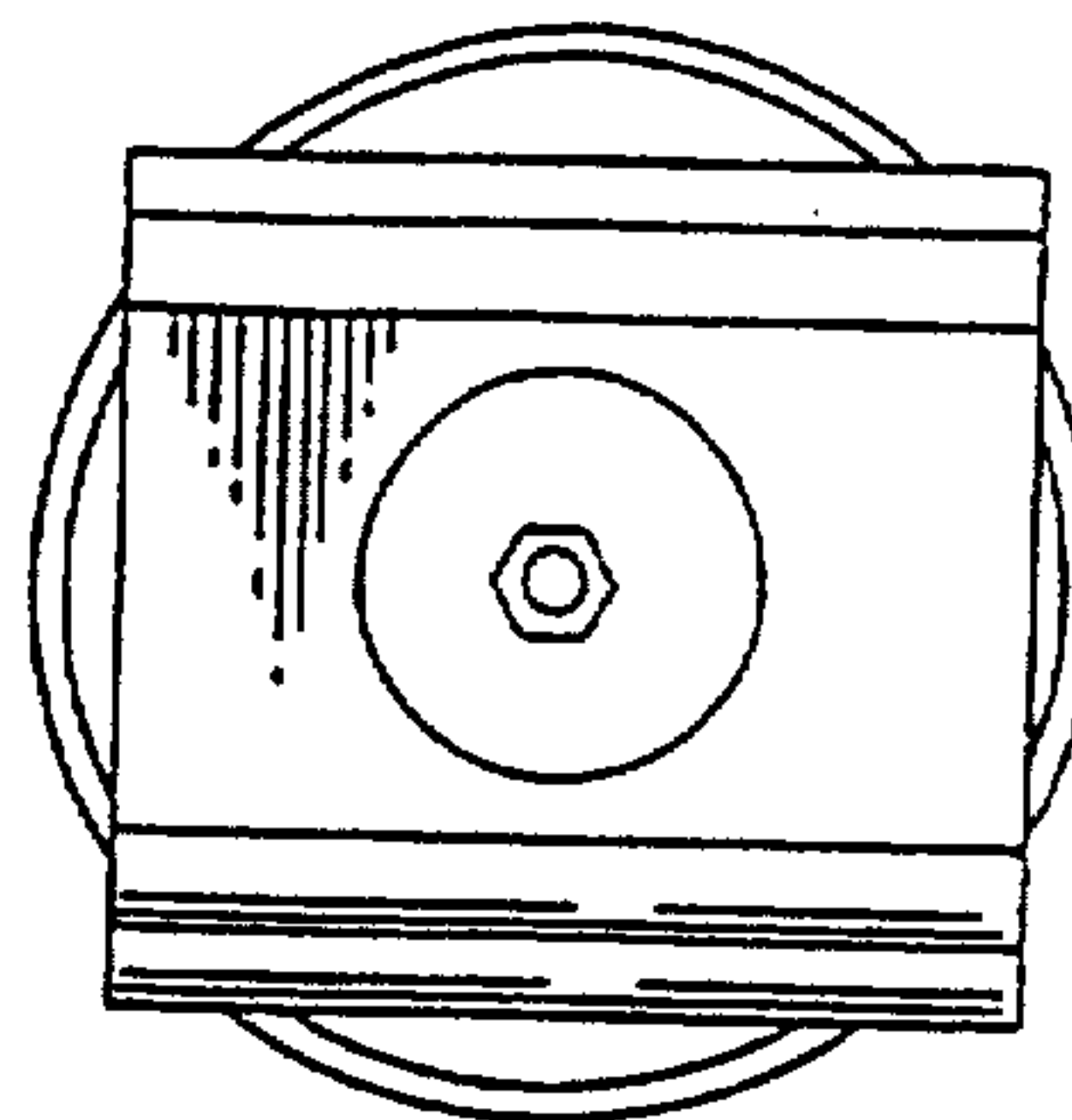


FIG.14

