



US00D427285S

# United States Patent [19] Watanabe

[11] **Patent Number: Des. 427,285**  
[45] **Date of Patent: \*\* Jun. 27, 2000**

[54] **EXPANSION VALVE**

5,295,511 3/1994 Schleinhege et al. .... 137/625.64  
5,555,911 9/1996 Fukano et al. .... 137/625.64  
5,709,247 1/1998 Hutton ..... 137/884

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[73] Assignee: **Fujikoki Corporation**, Tokyo, Japan

[\*\*] Term: **14 Years**

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

[21] Appl. No.: **29/103,036**

[57] **CLAIM**

[22] Filed: **Apr. 7, 1999**

The ornamental design for an expansion valve, as shown and described.

[30] **Foreign Application Priority Data**

**DESCRIPTION**

Nov. 4, 1998 [JP] Japan ..... 10-31754

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

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

[58] **Field of Search** ..... D23/233-237,  
D23/244, 245; 137/884, 625.64, 625.48;  
236/63, 64

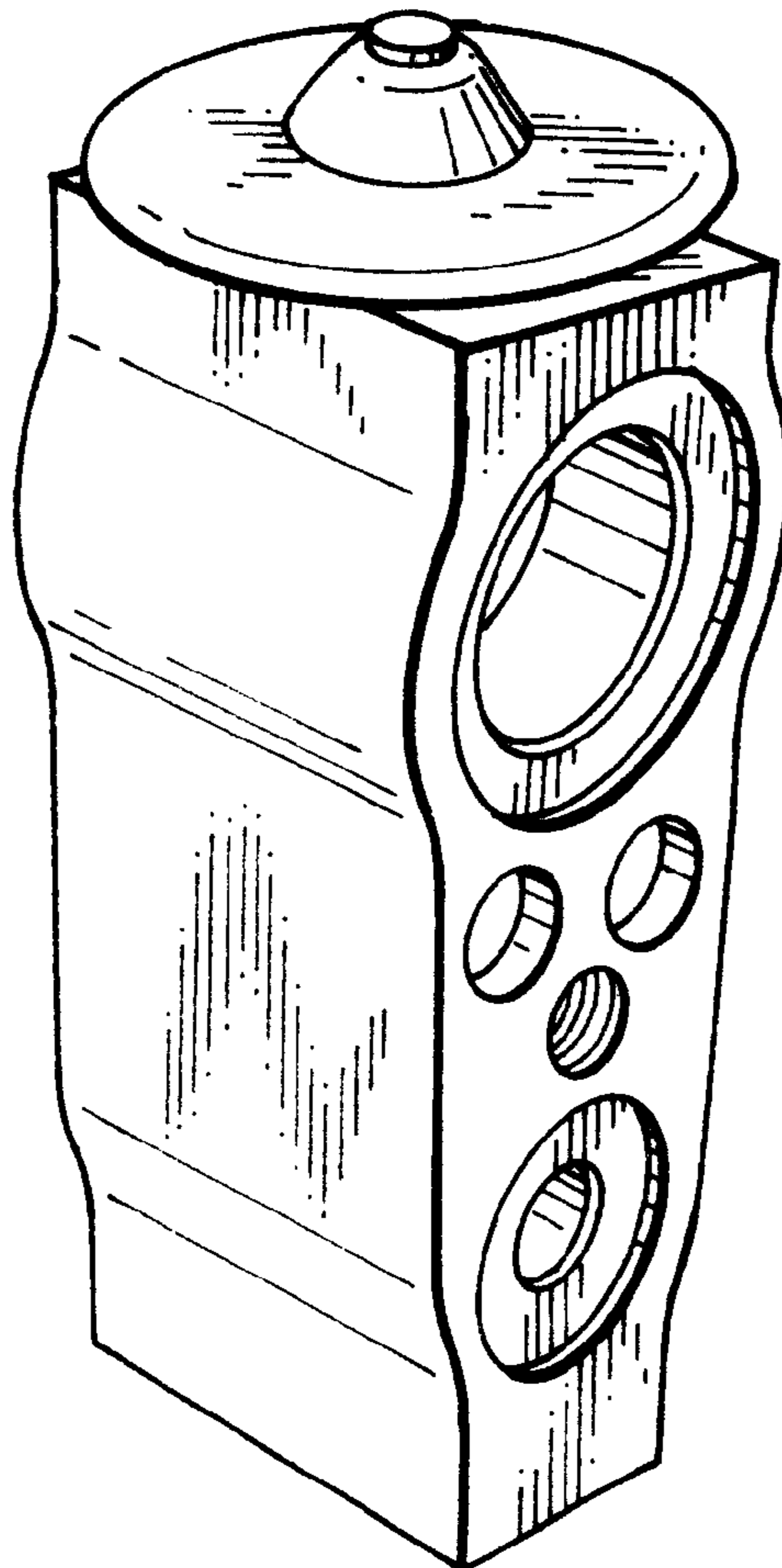
FIG. 1 is a perspective view taken from the top right hand end of FIG. 5 of an expansion valve showing my new ornamental design;  
FIG. 2 is a perspective view taken from the top left hand end of FIG. 5 of an expansion valve showing my new ornamental design;  
FIG. 3 is a frontal elevational view thereof;  
FIG. 4 is a side view thereof taken from the right side;  
FIG. 5 is a top view thereof;  
FIG. 6 is a bottom view thereof; and,  
FIG. 7 is a side view thereof taken from the left side.

[56] **References Cited**

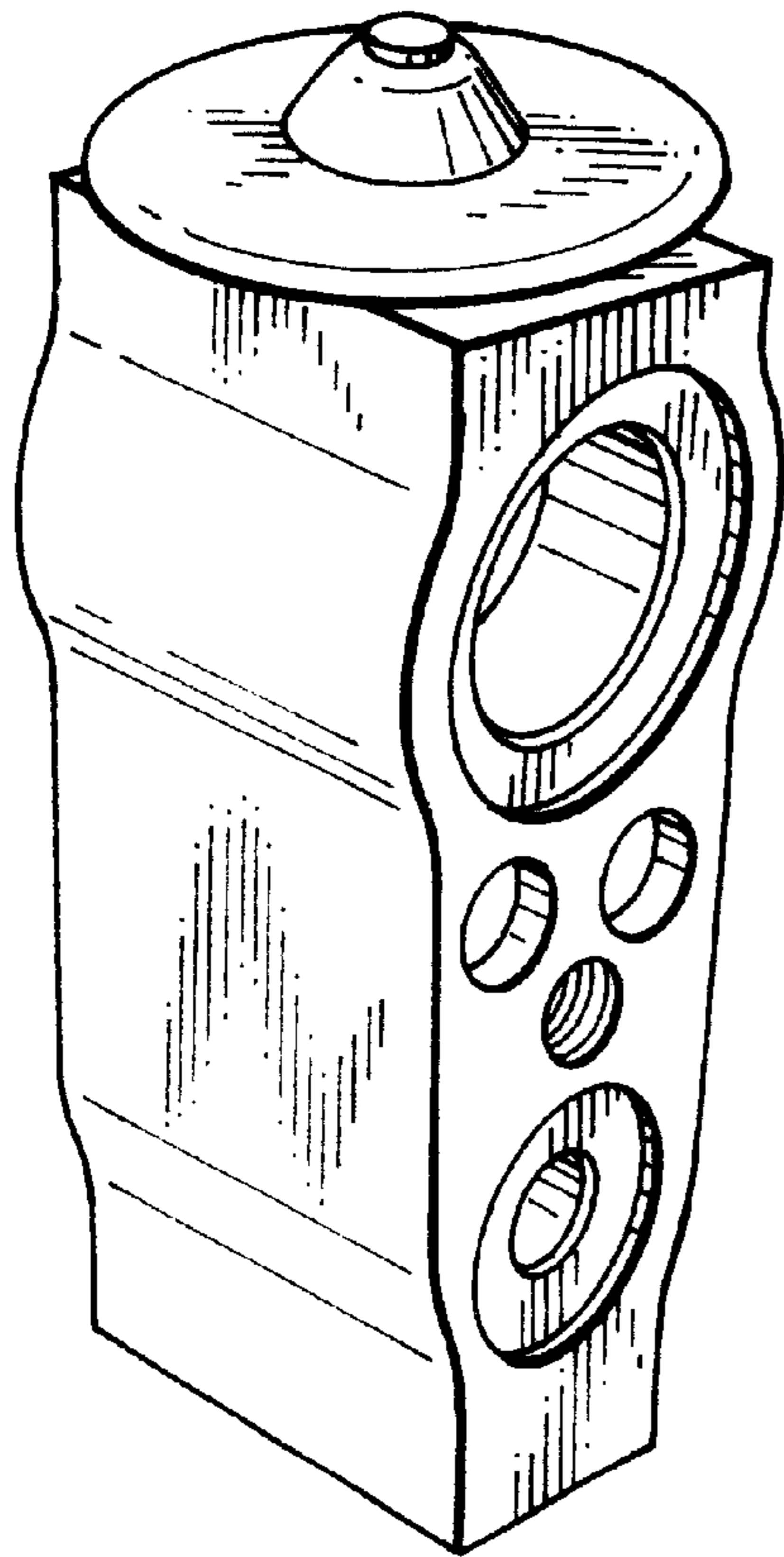
**U.S. PATENT DOCUMENTS**

D. 246,908 1/1978 Fetty ..... D23/233  
D. 398,375 9/1998 Lunch et al. .... D23/245  
D. 413,373 8/1999 Watanabe ..... D23/233

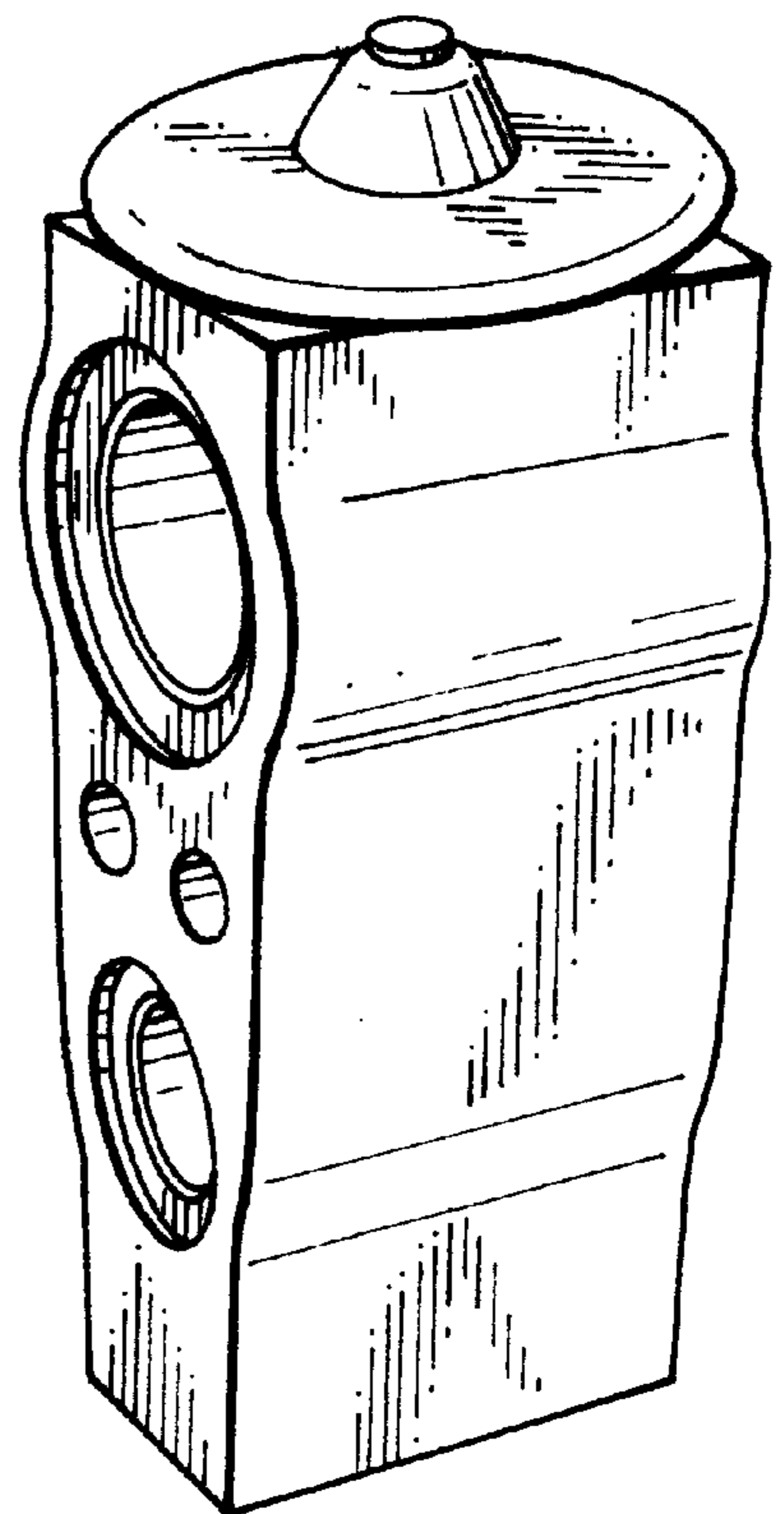
**1 Claim, 3 Drawing Sheets**



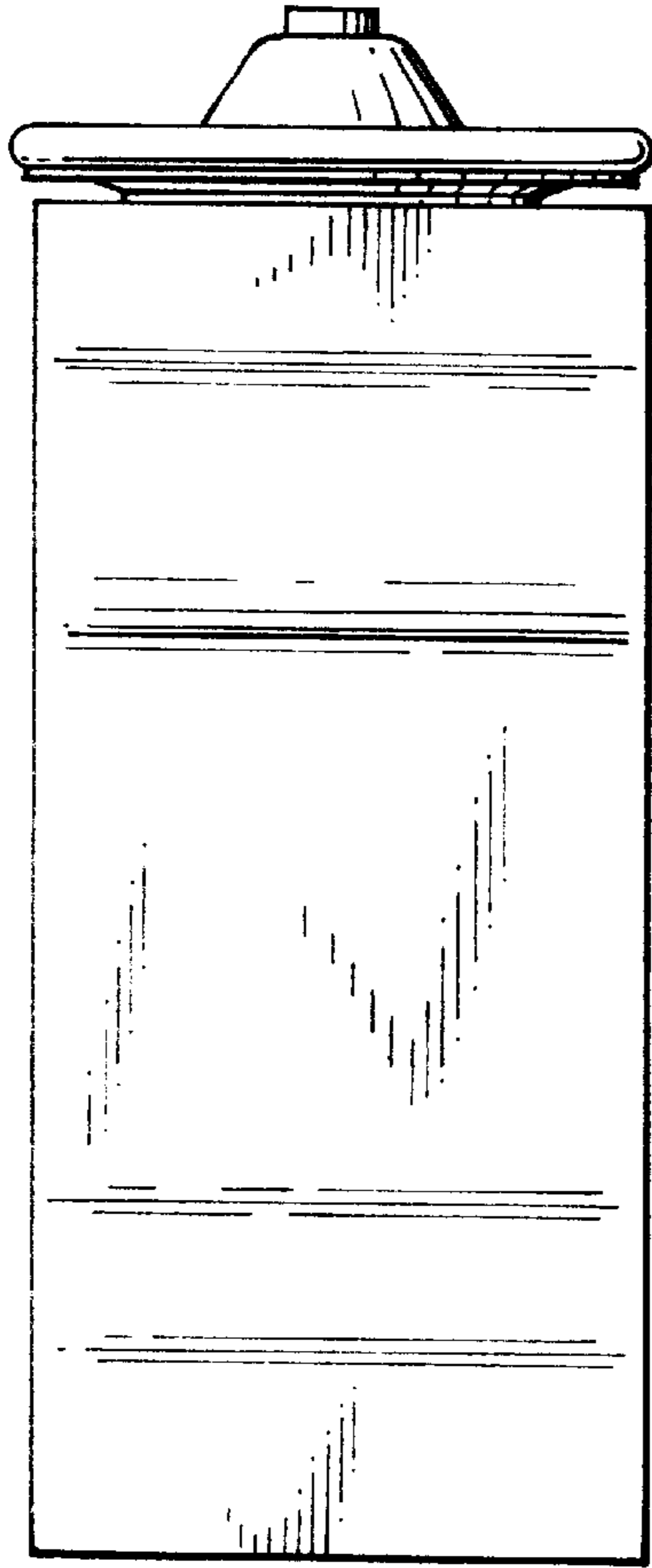
*FIG. 1*



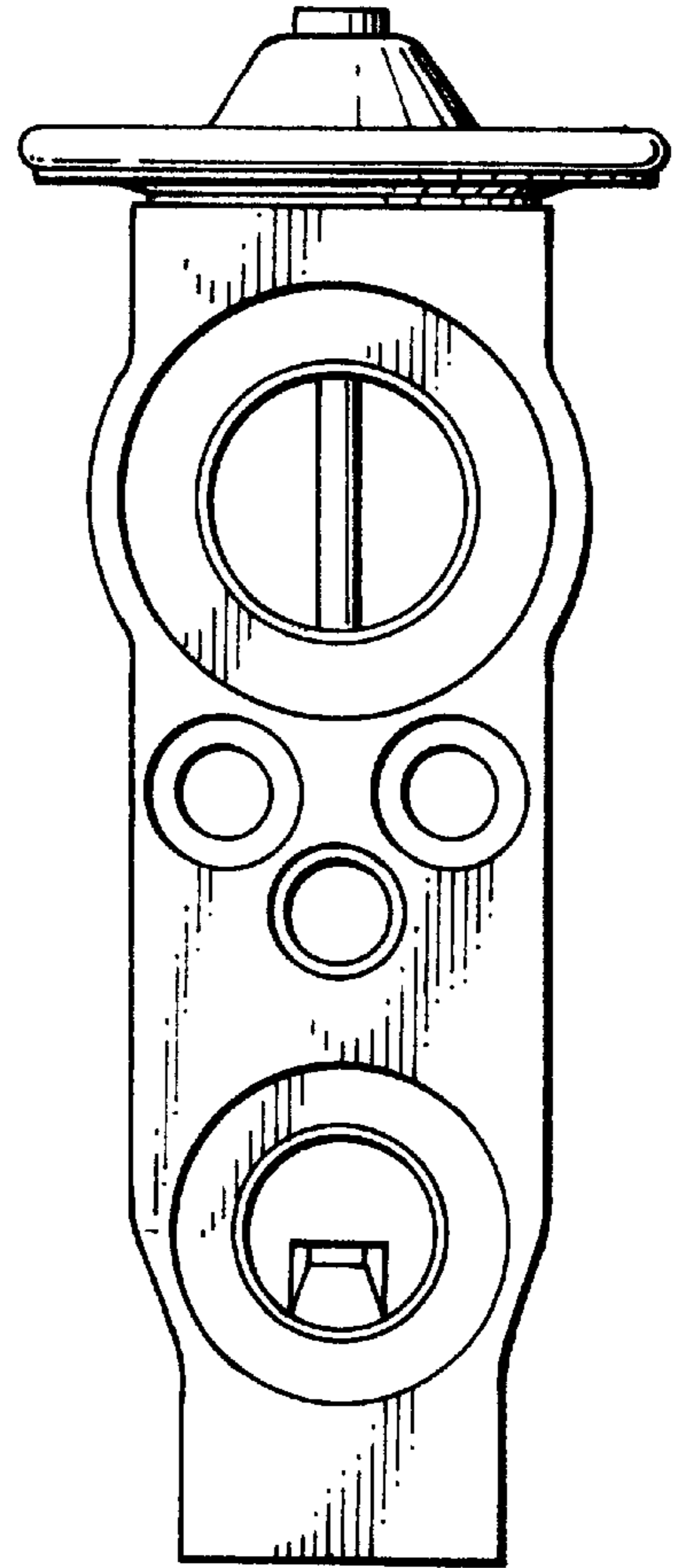
*FIG. 2*



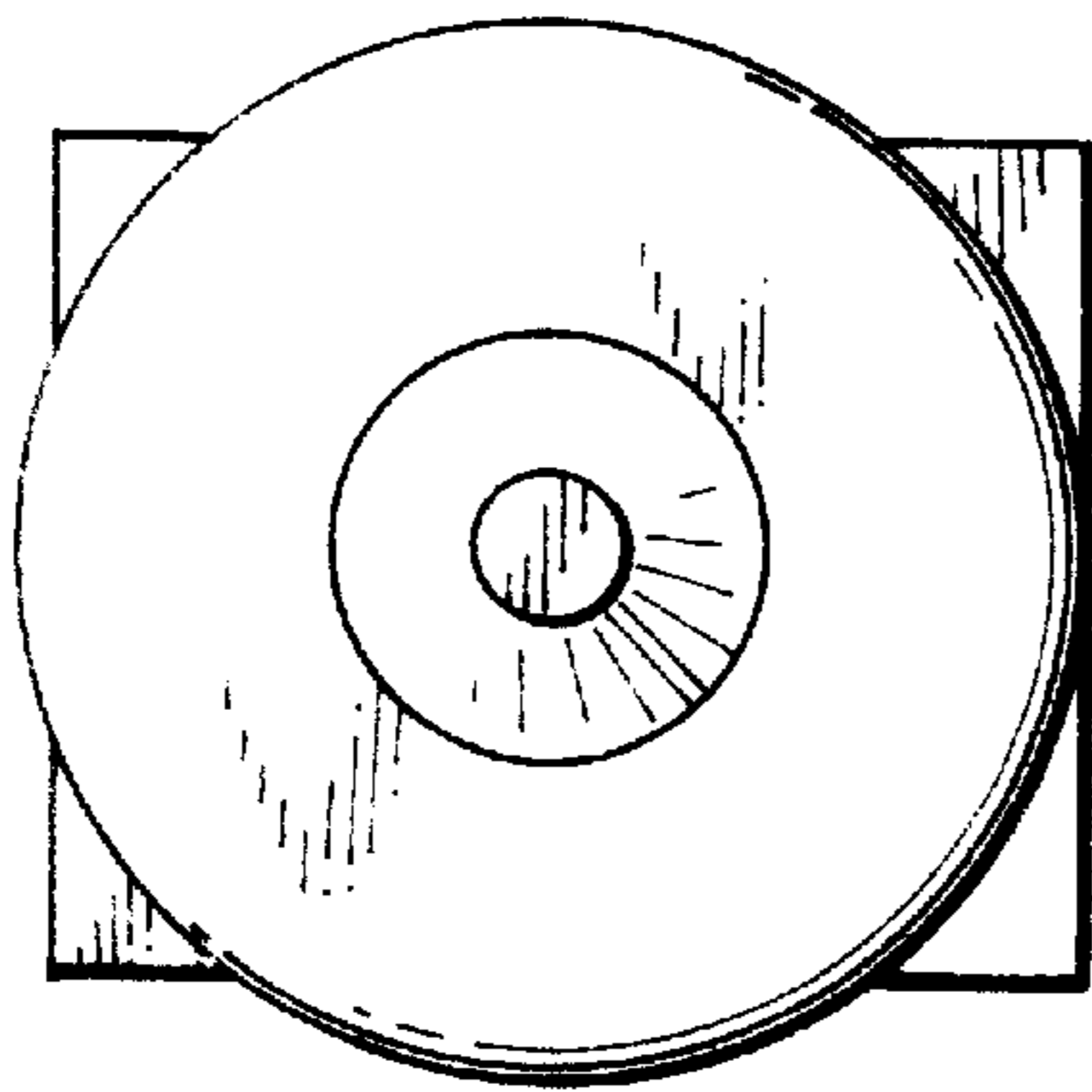
*FIG. 3*



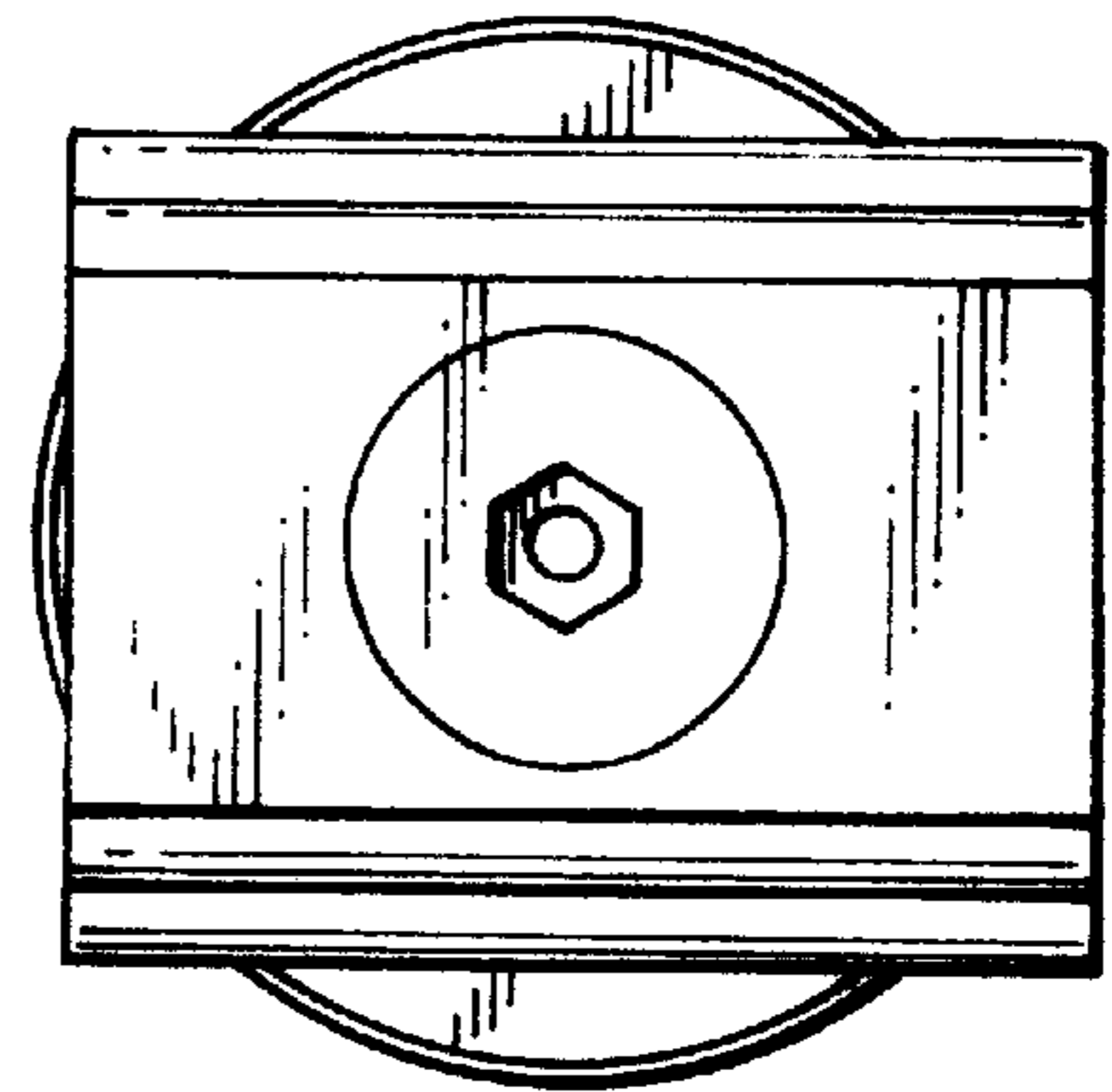
*FIG. 4*



*FIG. 5*



*FIG. 6*



*FIG. 7*

