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# United States Patent [19]

Miyazaki

[11] **Patent Number: Des. 402,018**

[45] **Date of Patent: \*\*Dec. 1, 1998**

[54] **OPENING AND CLOSING DEVICE FOR THE SEAT OR THE SEAT LID OF A TOILET BOWL**

D. 380,817	7/1997	Veal .....	D23/309
5,592,703	1/1997	Jones et al. ....	4/687
5,661,858	9/1997	House et al. ....	4/667
5,664,286	9/1997	Sorimachi .....	4/246.2 X

[75] Inventor: **Kanetsugu Miyazaki**, Kanagawa, Japan

[73] Assignee: **Katoh Electrical Machinery Co., Ltd.**, Kanawa, Japan

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

*Primary Examiner*—Louis S. Zarfes  
*Assistant Examiner*—Eric Watterson  
*Attorney, Agent, or Firm*—Notaro & Michalos P.C.

[21] Appl. No.: **66,587**

[22] Filed: **Feb. 13, 1997**

[57] **CLAIM**

The ornamental design for an opening and closing device for the seat or the seat lid of a toilet bowl, as shown and described.

[30] **Foreign Application Priority Data**

Aug. 30, 1996 [JP] Japan ..... 8-25935

**DESCRIPTION**

[51] **LOC (6) Cl.** ..... **23-02**

[52] **U.S. Cl.** ..... **D23/311**

[58] **Field of Search** ..... D23/233-237,  
D23/244-249, 295, 301; 4/305, 249, 313,  
406, DIG. 3, 667; 251/40, 129.03

FIG. 1 is a side elevational view of the opening and closing device for the seat or the seat lid of a toilet bowl;  
FIG. 2 is a top plan view thereof;  
FIG. 3 is a bottom plan view thereof;  
FIG. 4 is a right side elevational view thereof;  
FIG. 5 is a left side elevational view thereof;  
FIG. 6 is a rear elevational view thereof; and,  
FIG. 7 is a top, front, left perspective view thereof.

[56] **References Cited**

**U.S. PATENT DOCUMENTS**

D. 352,101 11/1994 Veal ..... D23/309

**1 Claim, 3 Drawing Sheets**

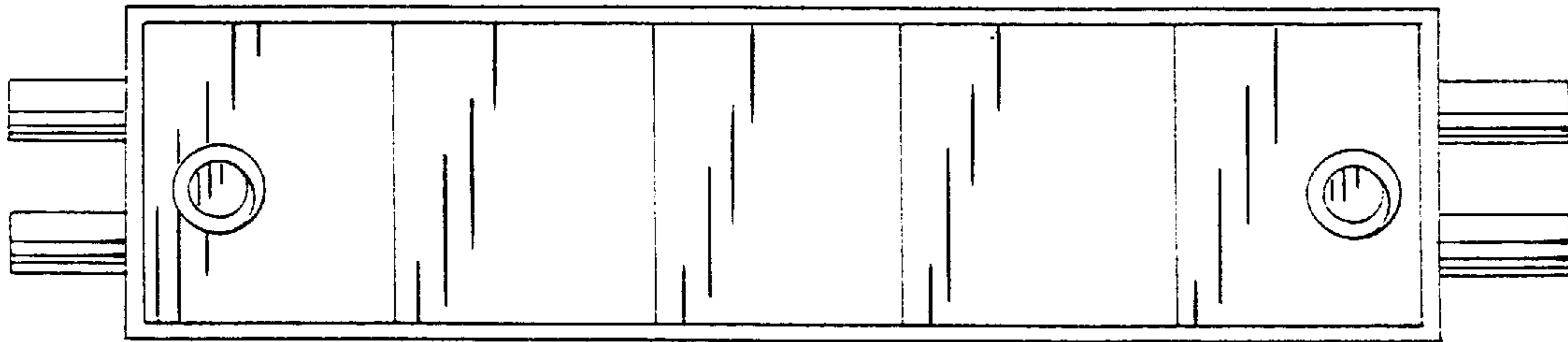


Fig. 1

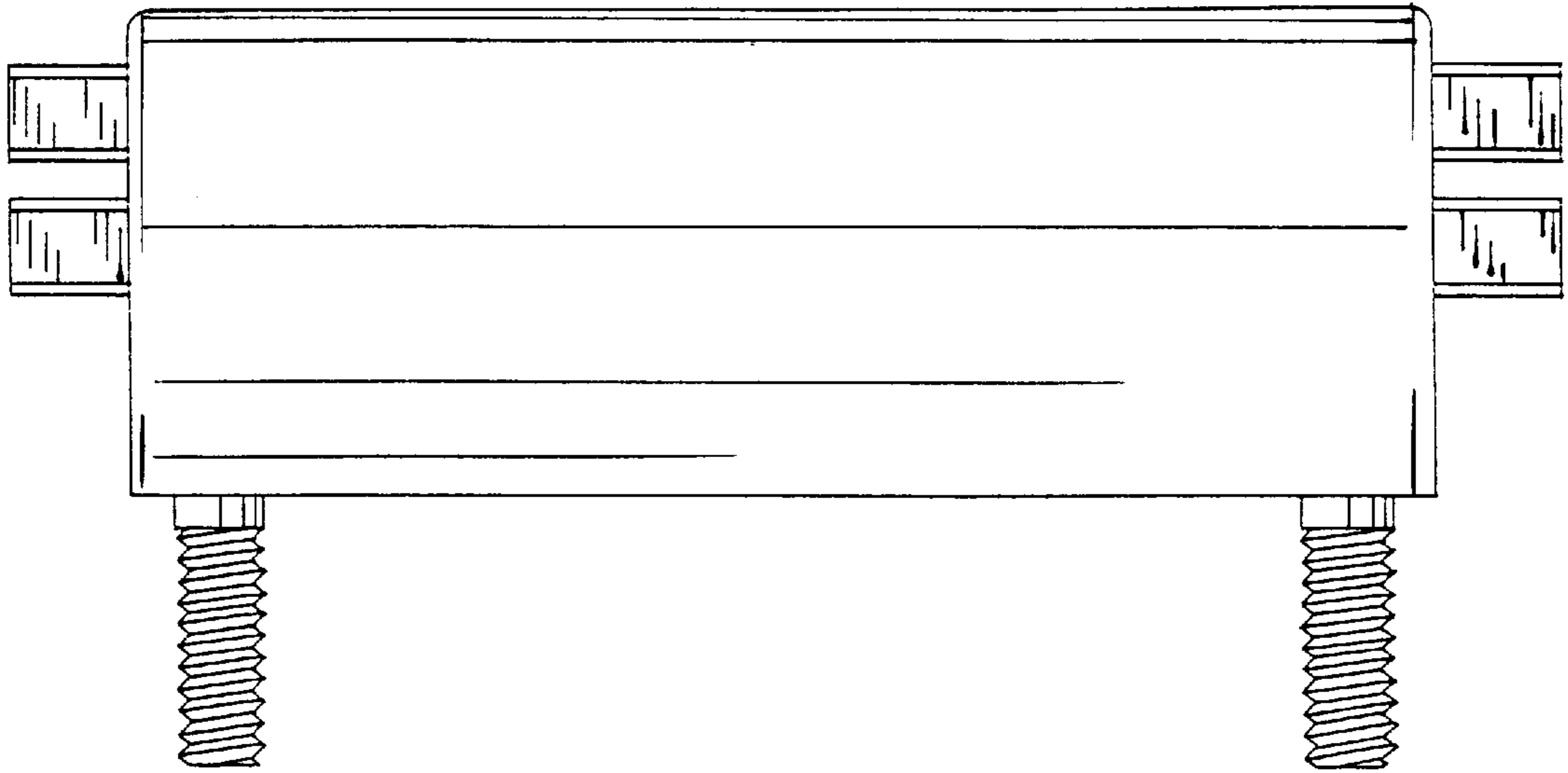


Fig. 2

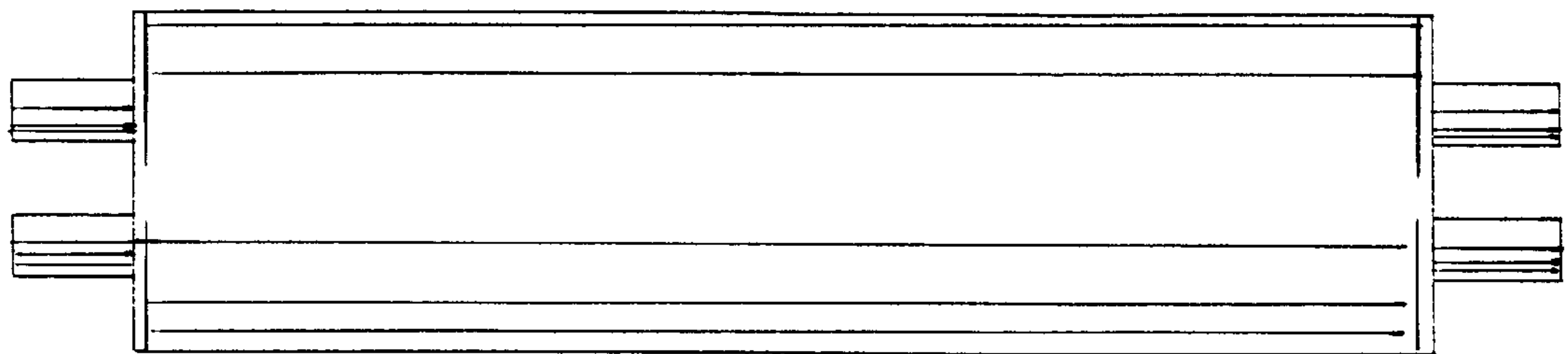


Fig. 3

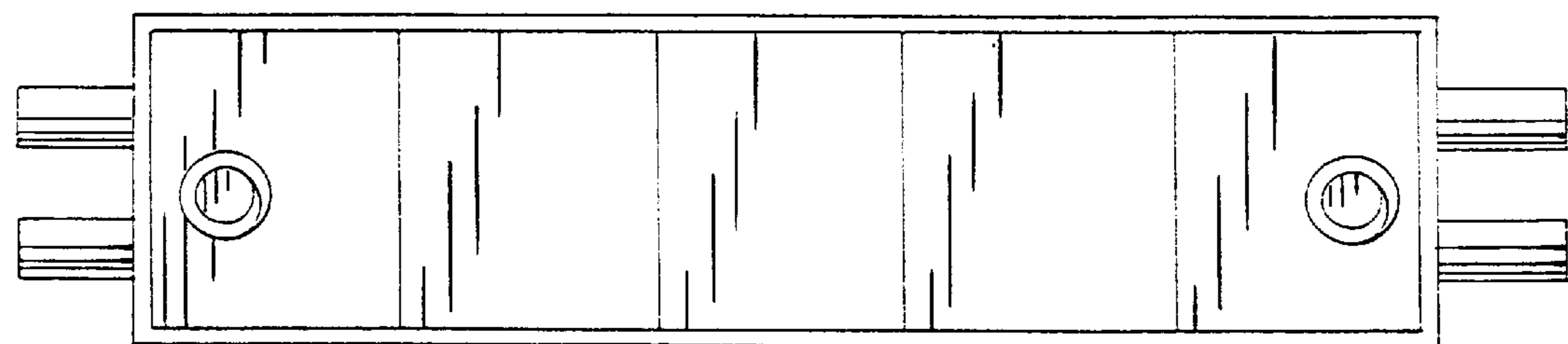


Fig. 4

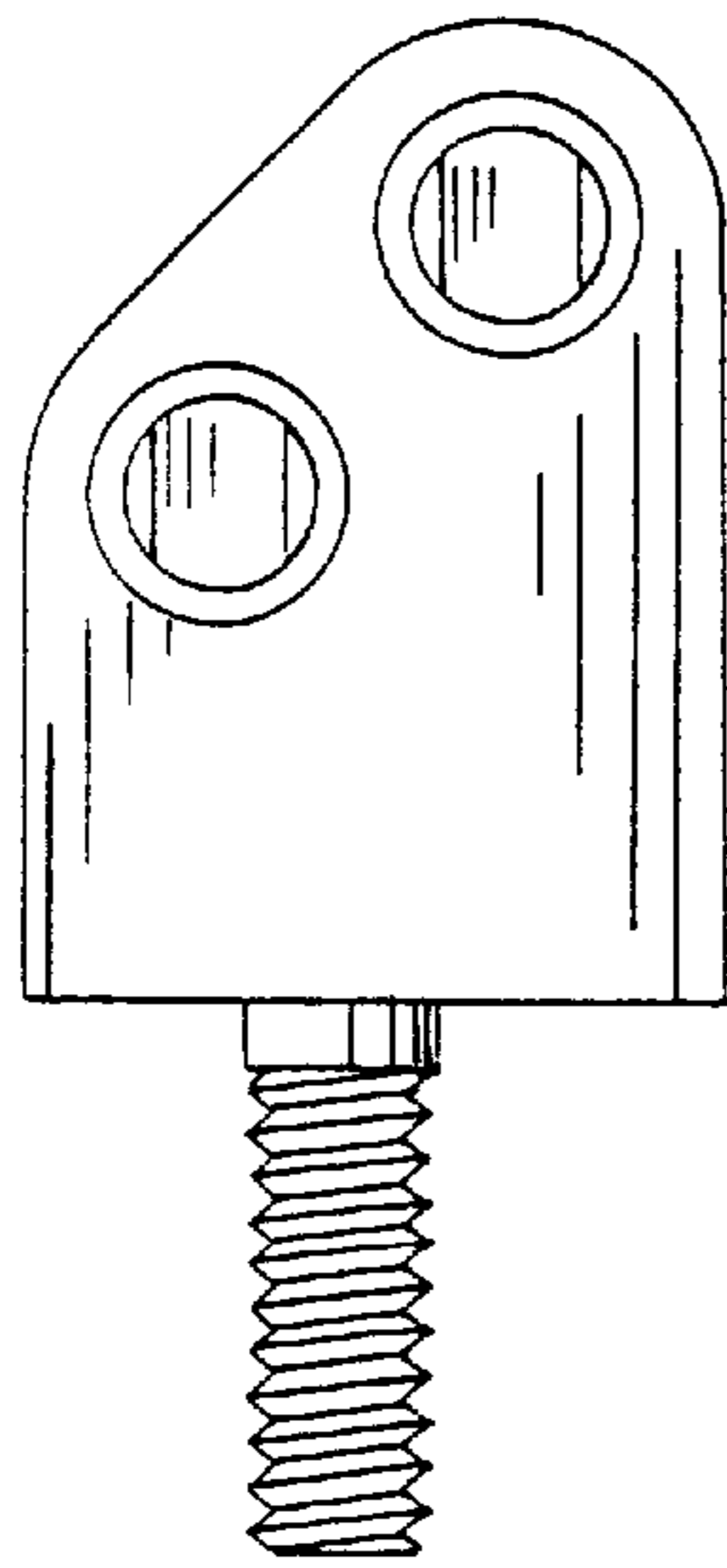


Fig. 5

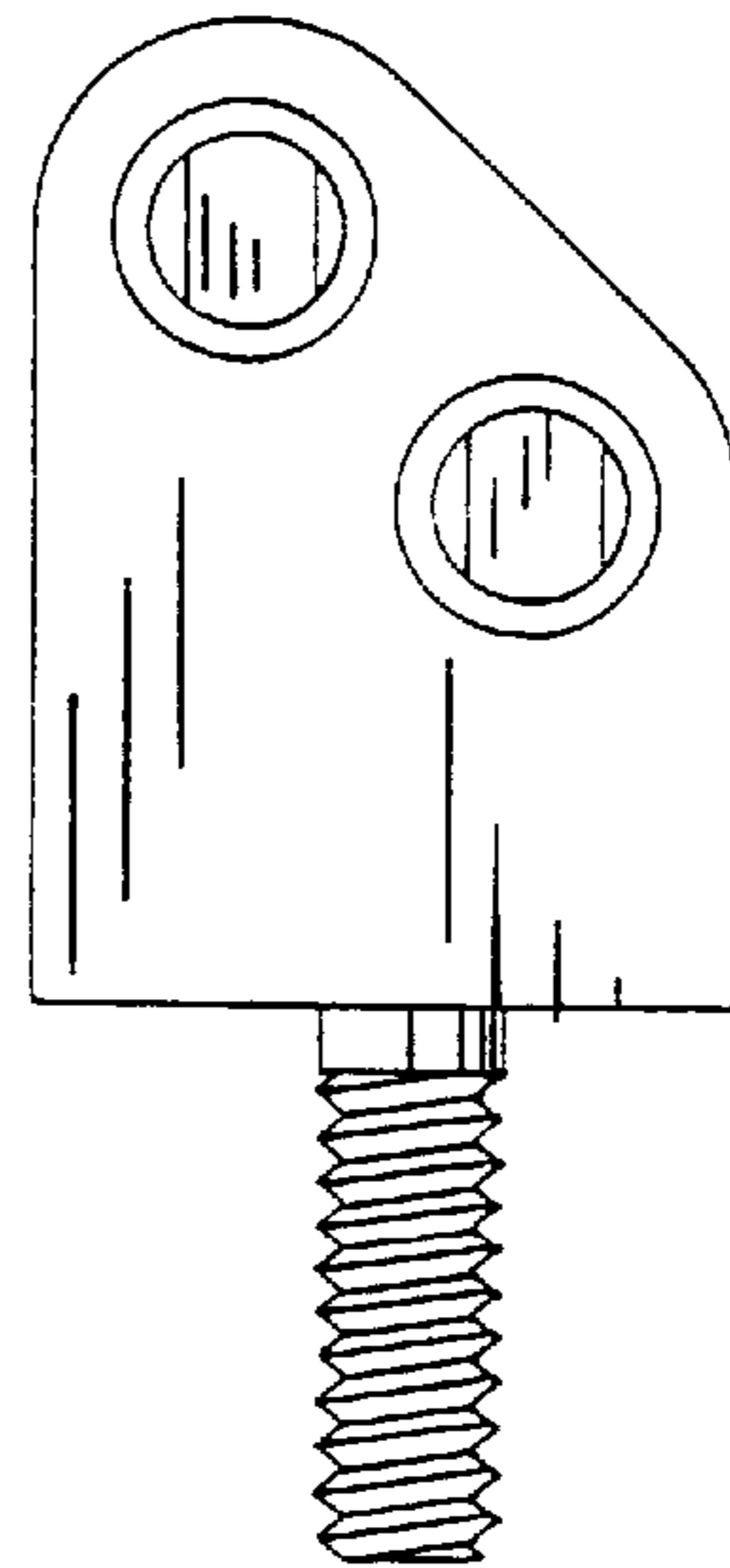


Fig. 6

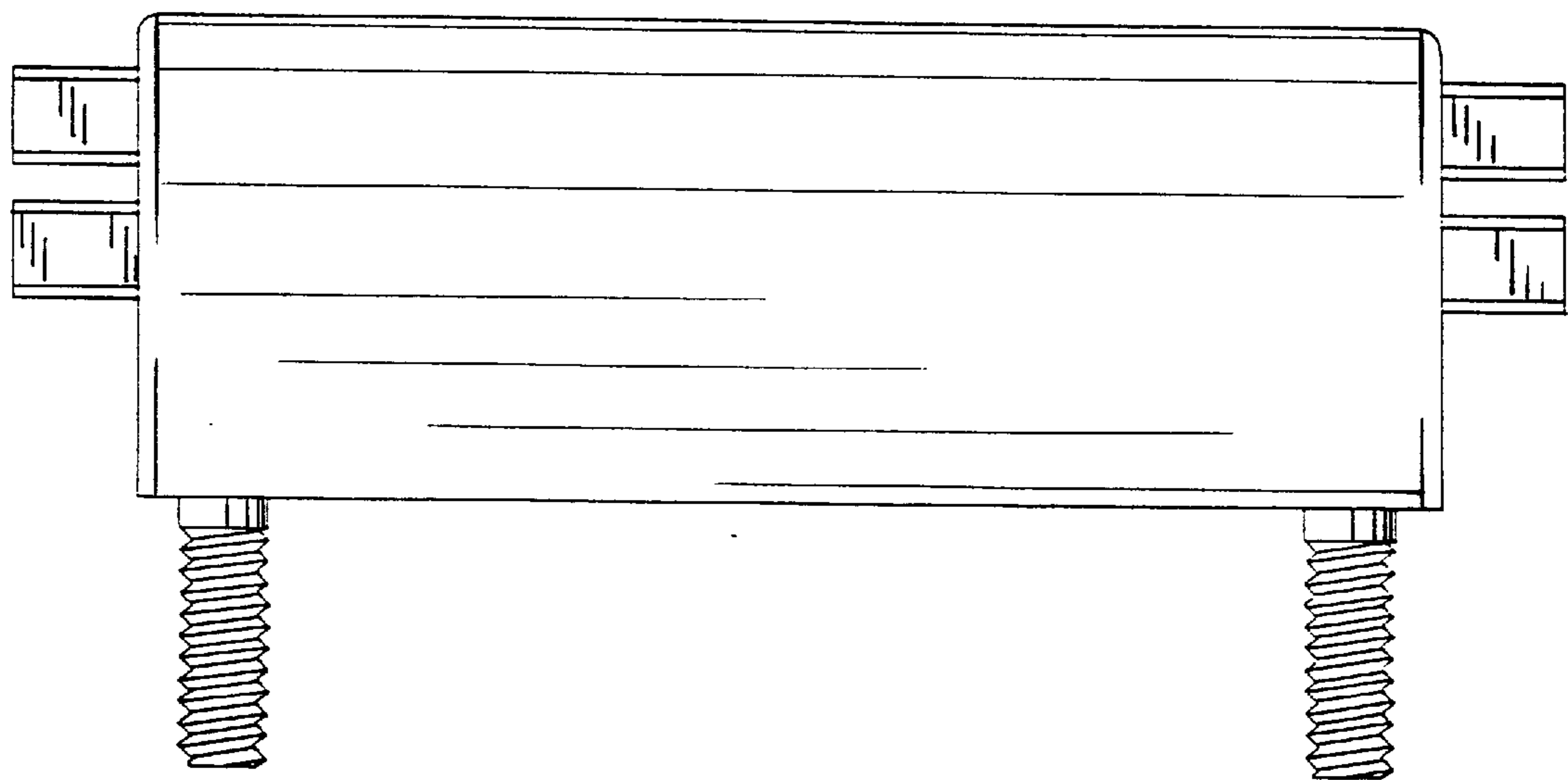


Fig. 7

