



US00D416507S

# United States Patent [19] Sato

[11] **Patent Number: Des. 416,507**

[45] **Date of Patent: \*\* Nov. 16, 1999**

[54] **ULTRASONIC HORN**

D. 323,128 1/1992 Moran ..... D10/120  
D. 379,815 6/1997 Bohannon ..... D10/120

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[73] Assignee: **Ultex Corporation**, Fukuoka-ken, Japan

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

[21] Appl. No.: **29/101,150**

[22] Filed: **Feb. 25, 1999**

[57] **CLAIM**

The ornamental design for an ultrasonic horn, as shown and described.

[30] **Foreign Application Priority Data**

Aug. 31, 1998 [JP] Japan ..... 10-24865

**DESCRIPTION**

[51] **LOC (6) Cl.** ..... **10-05**

[52] **U.S. Cl.** ..... **D10/120**

[58] **Field of Search** ..... D10/104, 119,  
D10/120, 121; 181/144, 145; D14/207-216;  
381/156

FIG. 1 is a front elevational view of an ultrasonic horn showing an embodiment of my new design, the rear elevational view being a mirror image;

FIG. 2 is a side elevational view thereof, the opposite side being a mirror image; and,

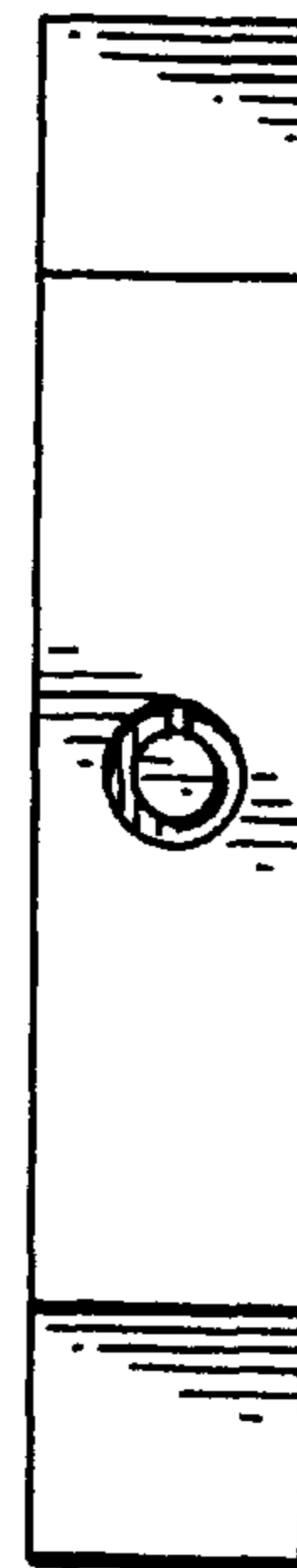
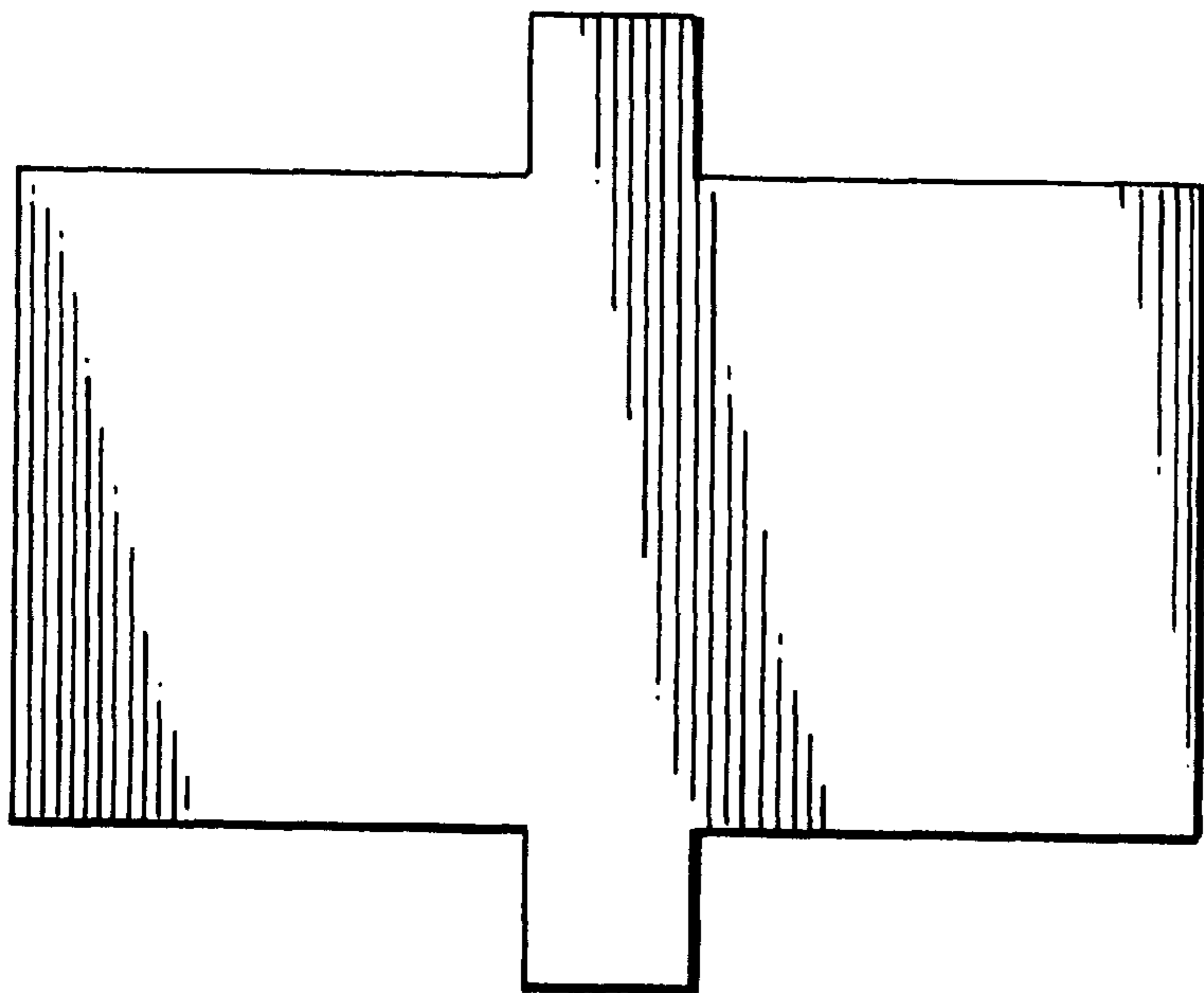
FIG. 3 is a top plan view thereof, the bottom plan view being a mirror image.

[56] **References Cited**

**U.S. PATENT DOCUMENTS**

D. 245,405 8/1977 Nelson ..... D10/120

**1 Claim, 1 Drawing Sheet**



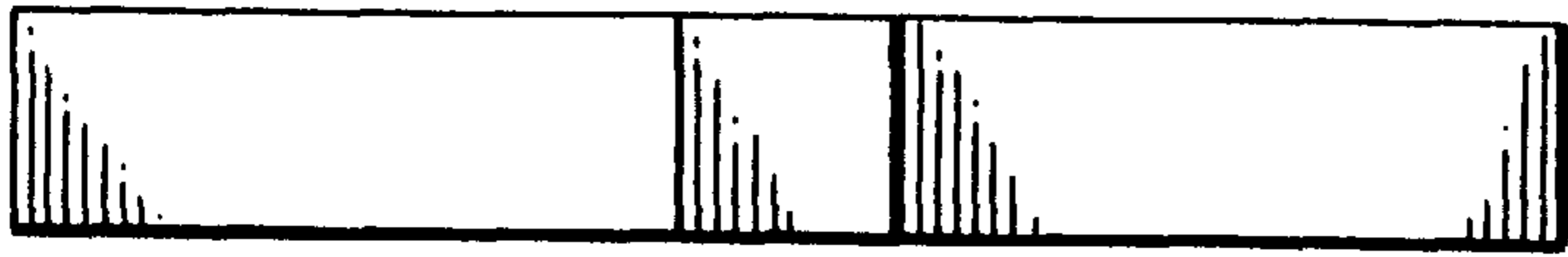


FIG. 3

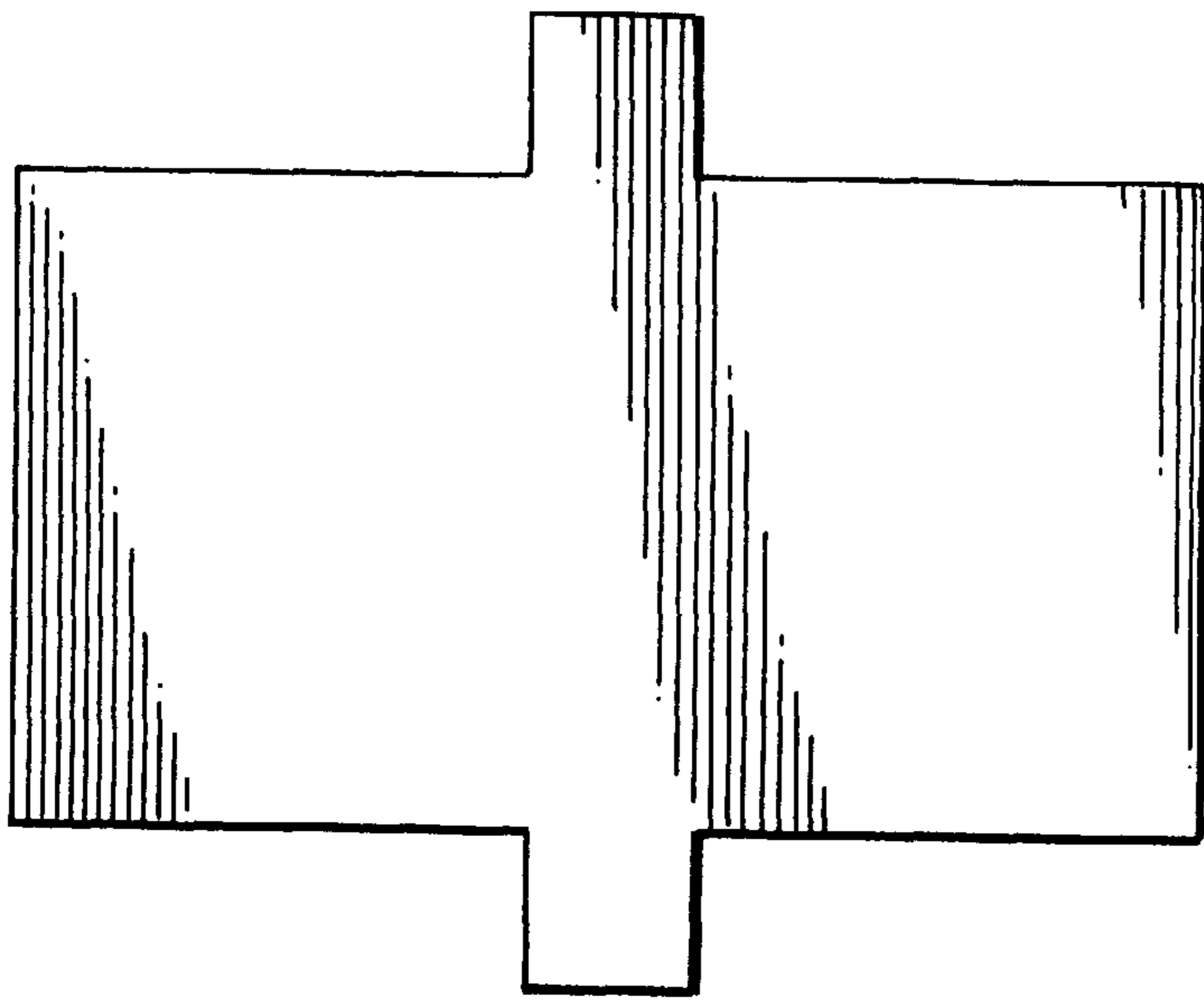


FIG. 1

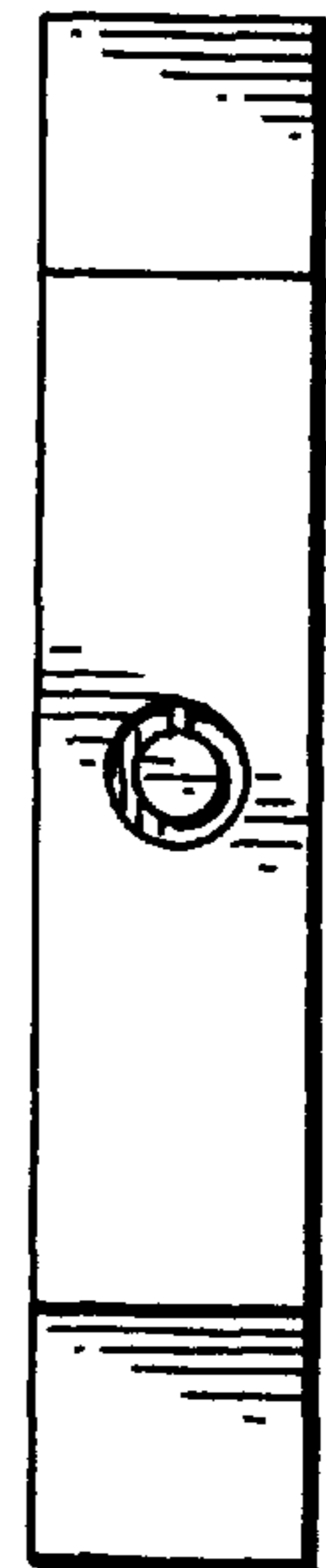


FIG. 2