



US00D419905S

United States Patent [19] Sato

[11] **Patent Number: Des. 419,905**

[45] **Date of Patent: ** Feb. 1, 2000**

[54] **ULTRASONIC HORN**

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

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

[21] Appl. No.: **29/101,158**

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

[30] **Foreign Application Priority Data**

Aug. 31, 1998 [JP] Japan 10-24868

[51] **LOC (7) Cl. 10-05**

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

[58] **Field of Search D10/104, 106,
D10/116, 118, 120; 116/147**

[56] **References Cited**

U.S. PATENT DOCUMENTS

D. 215,974 11/1969 Berns D10/120

D. 215,976 11/1969 Berns D10/120
D. 245,405 8/1977 Nelson D10/120
D. 248,152 6/1978 Hastings D10/120

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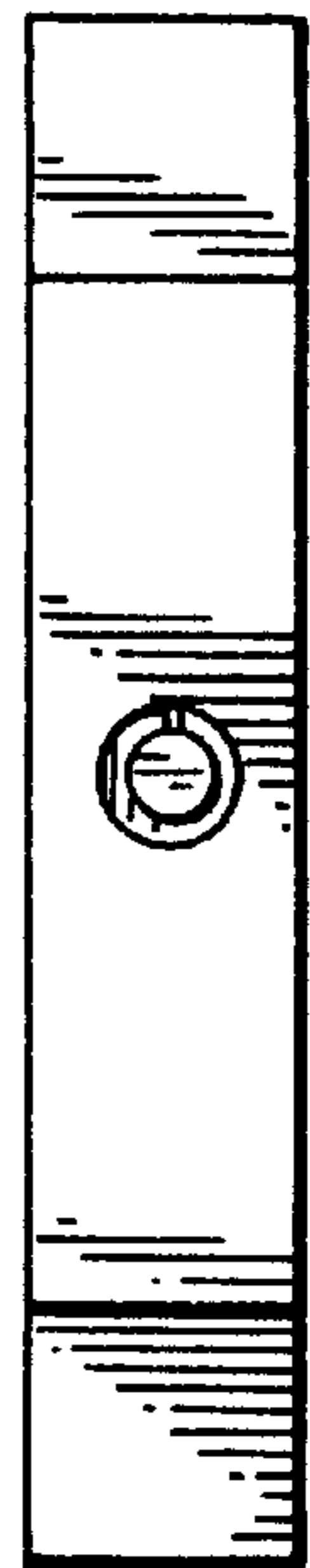
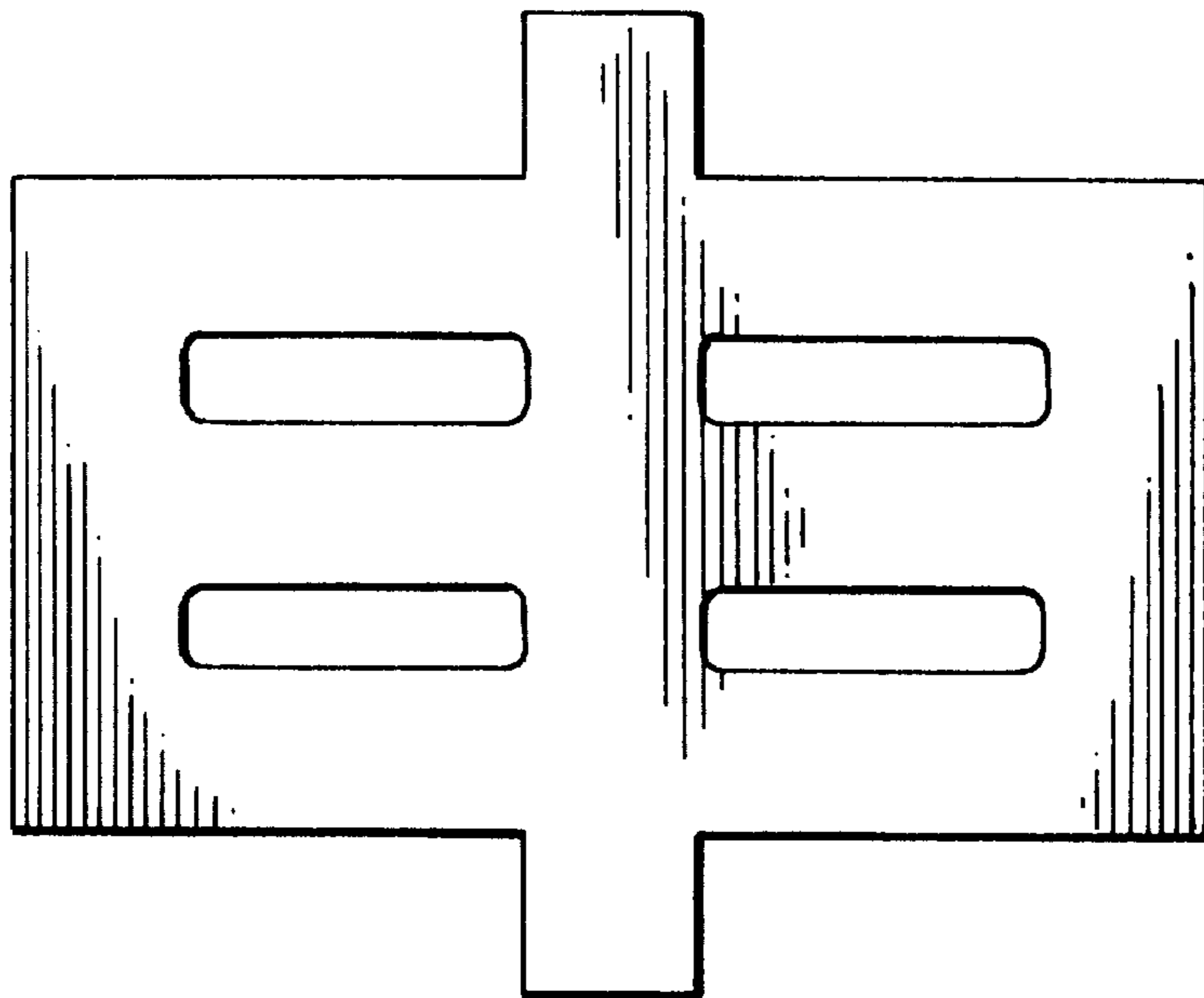
[57] **CLAIM**

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

DESCRIPTION

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.

1 Claim, 1 Drawing Sheet



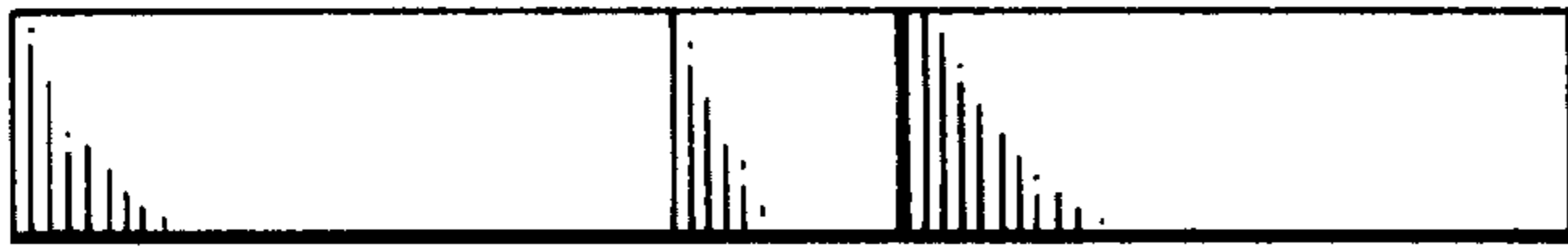


FIG. 3

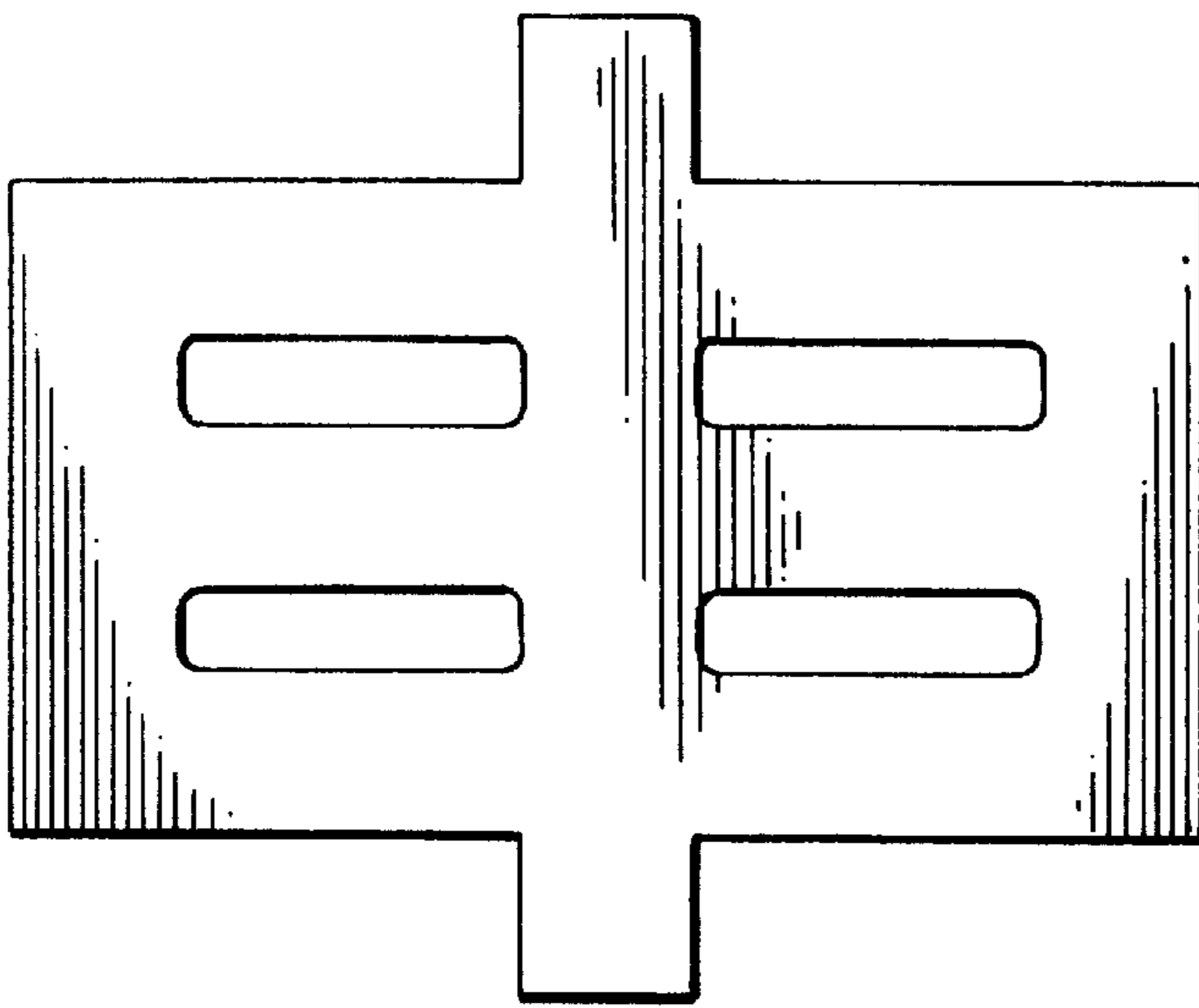


FIG. 1

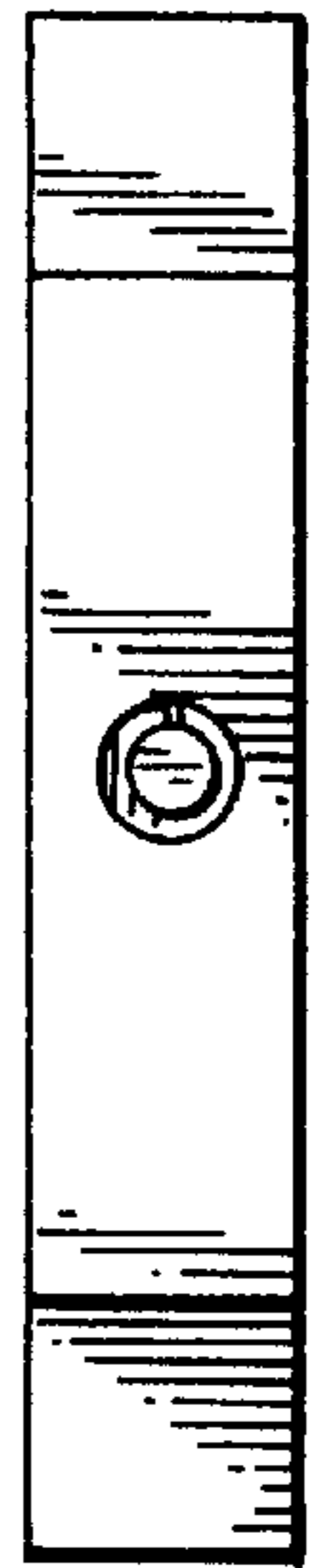


FIG. 2