



US00D383208S

United States Patent [19]
Reif

[11] **Patent Number:** **Des. 383,208**
[45] **Date of Patent:** ****Sep. 2, 1997**

[54] **HEART VALVE**

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[73] **Assignee:** **TRI Technologies Inc.**, Belo Horizonte, Brazil

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

[21] **Appl. No.:** **36,687**

[22] **Filed:** **Mar. 24, 1995**

[51] **LOC (6) Cl.** **24-03**

[52] **U.S. Cl.** **D24/155**

[58] **Field of Search** **D24/155; 623/2**

[56] **References Cited**

U.S. PATENT DOCUMENTS

D. 334,806	4/1993	Reif	D24/155
D. 358,648	5/1995	Reif	D24/155
4,863,467	9/1989	Bokros	623/2
5,192,313	3/1993	Budd et al.	623/2

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Attorney, Agent, or Firm—Albert H. Reuther

[57] **CLAIM**

The ornamental design for heart valve, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of the heart valve in closed position of the flaps;

FIG. 2 is a top plan view of the heart valve of FIG. 1;

FIG. 3 is a bottom plan view of the heart valve of FIG. 1; FIG. 4 is a side elevational view of the heart valve of FIG. 1;

FIG. 5 is a cross sectional view taken along line V—V in FIG. 3 of the heart valve of FIG. 1;

FIG. 6 is a perspective view of the heart valve in open position;

FIG. 7 is a top plan view of the heart valve in open position;

FIG. 8 is a bottom plan view of the heart valve in open position;

FIG. 9 is a side elevational view of the heart valve with the opposite side being a mirror image thereof;

FIG. 10 is a front elevational view of the heart valve, the opposite side being a mirror image thereof;

FIG. 11 is a cross sectional view taken along line XI—XI in FIG. 8 of the heart valve showing the flaps in open position;

FIG. 12 is a perspective view of the valve body per se for the heart valve disclosed herewith;

FIG. 13 is a side elevational view of the heart valve body of FIG. 12;

FIG. 14 is a top plan view of the heart valve body, the bottom plan view being a mirror image thereof;

FIG. 15 is a perspective view of the heart valve flap for the heart valve of the present disclosure;

FIG. 16 is an elevational view of one side of the heart valve flap;

FIG. 17 is an elevational view of an opposite side of the heart valve flap;

FIG. 18 is a top plan view of the heart valve flap;

FIG. 19 is a bottom plan view of the heart valve flap;

FIG. 20 is an end view of the heart valve flap; and,

FIG. 21 is an opposite end view of the heart valve flap.

1 Claim, 3 Drawing Sheets

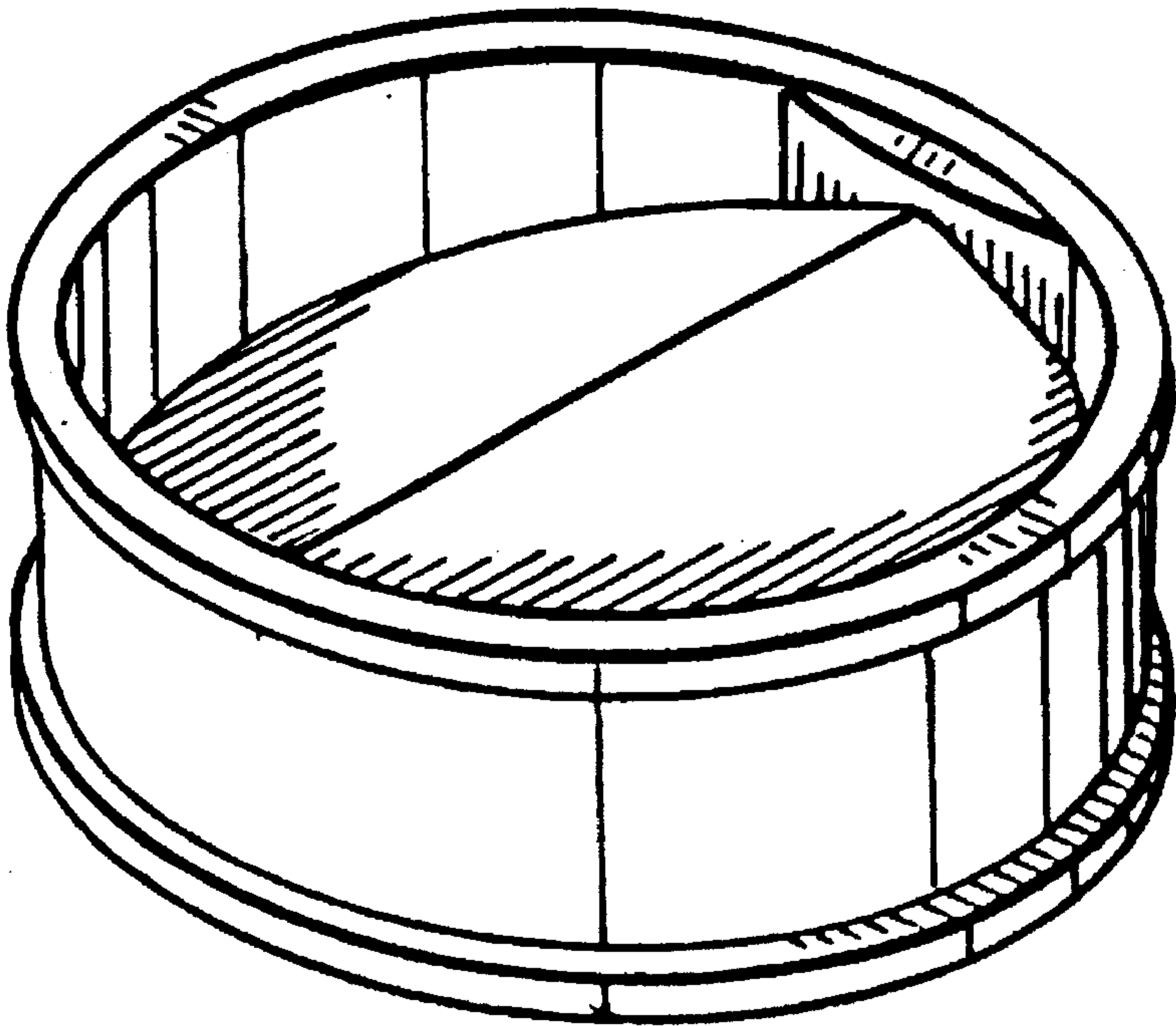


FIG-1

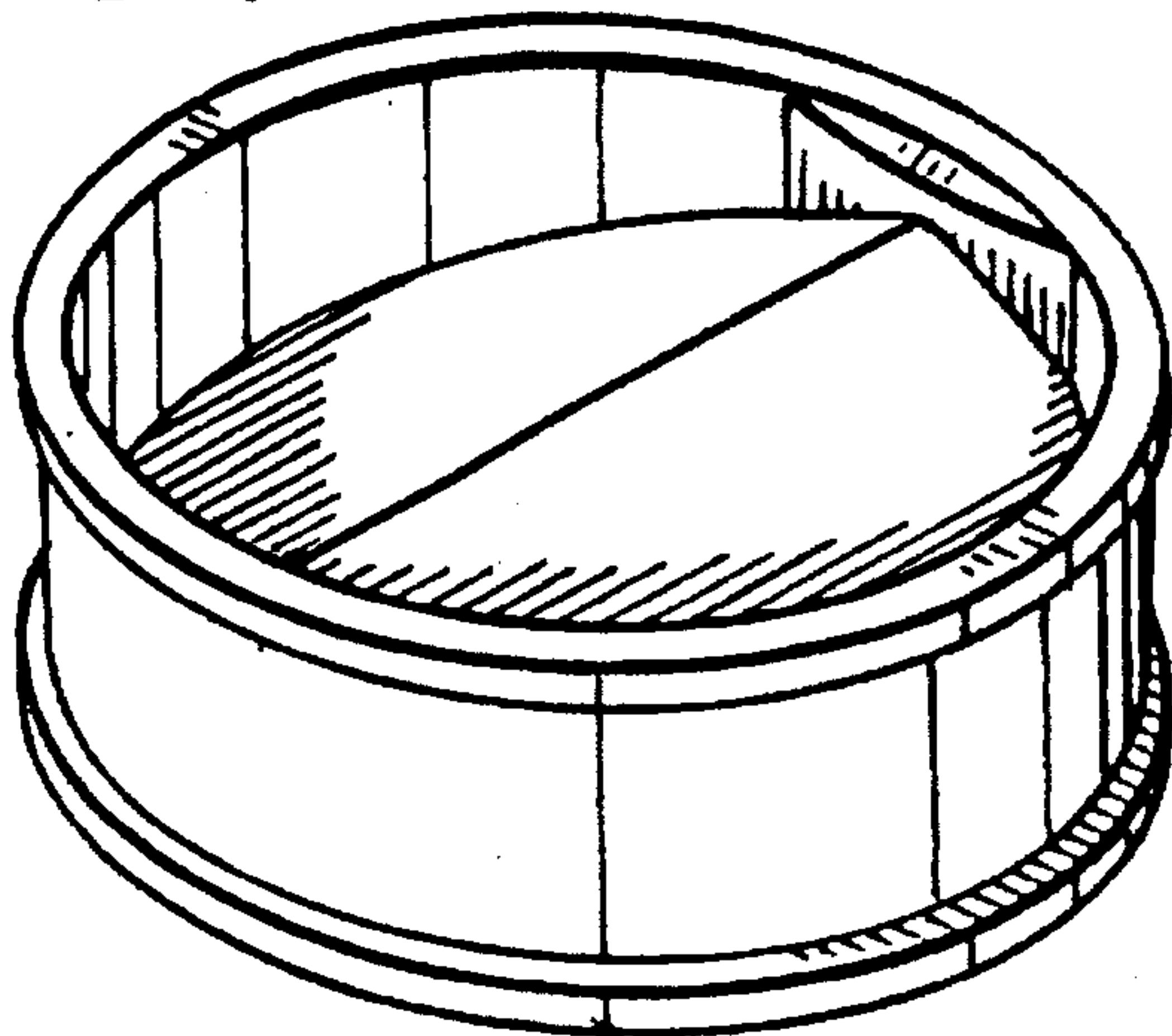


FIG-2

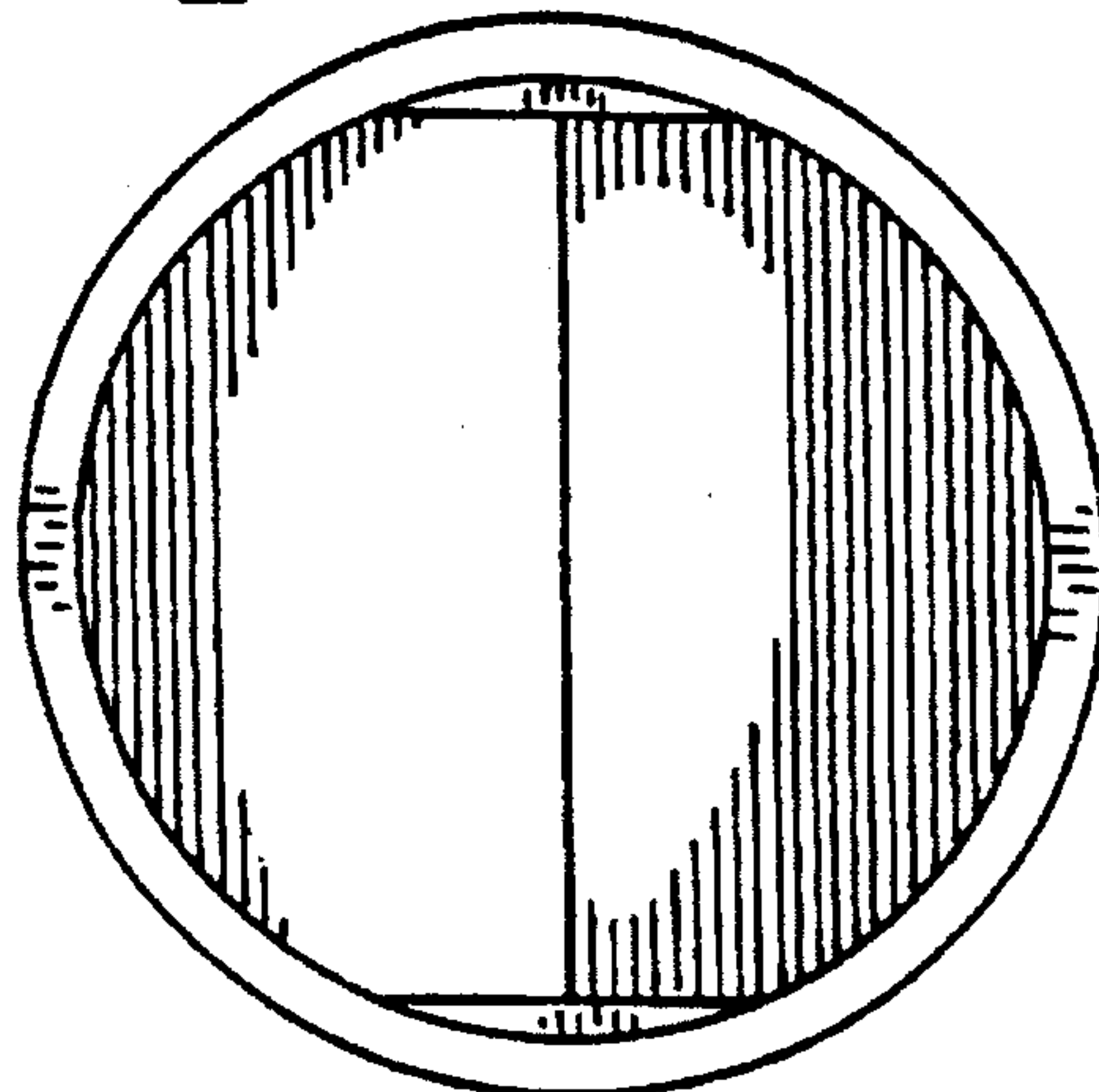


FIG-3

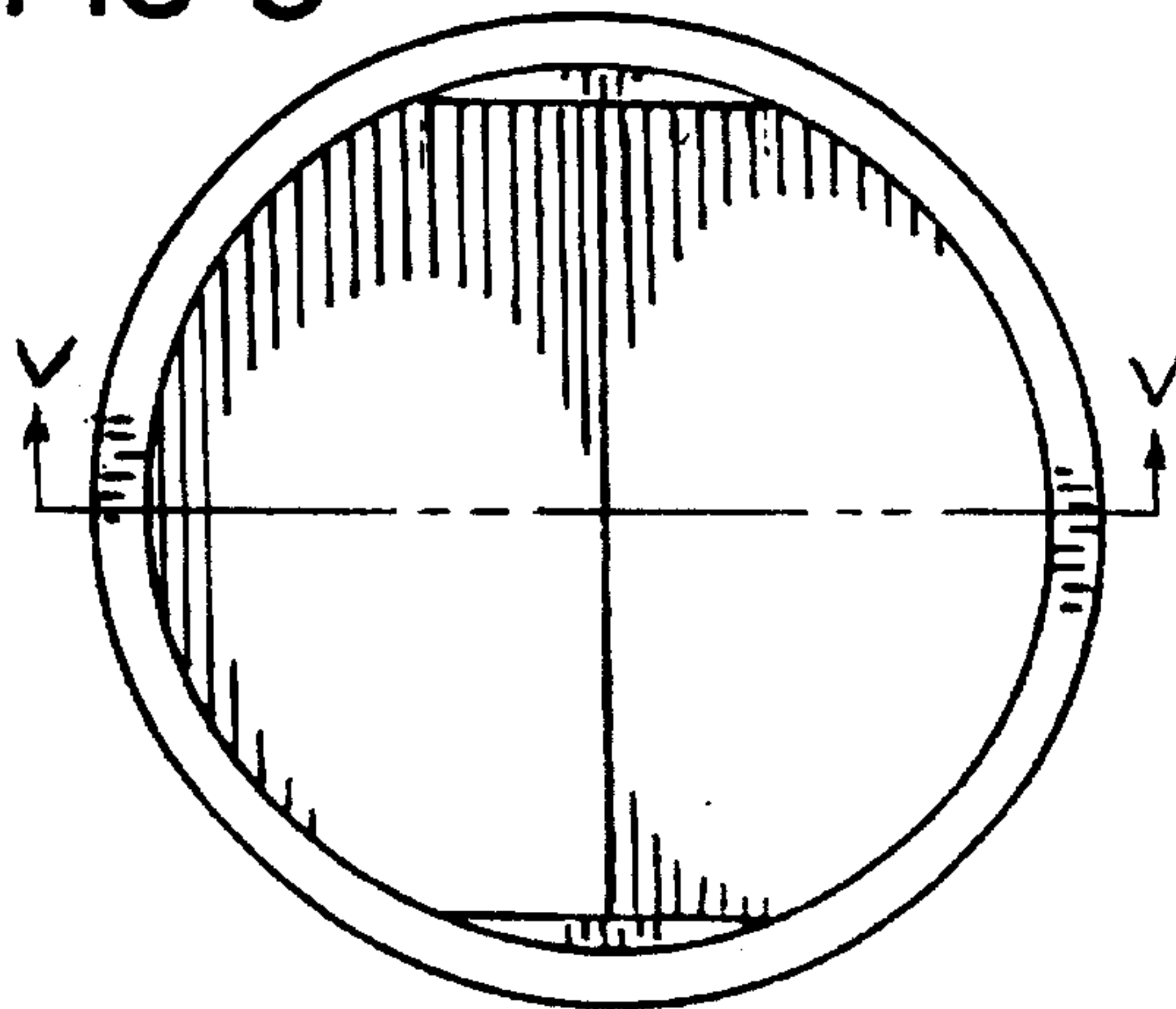


FIG-4

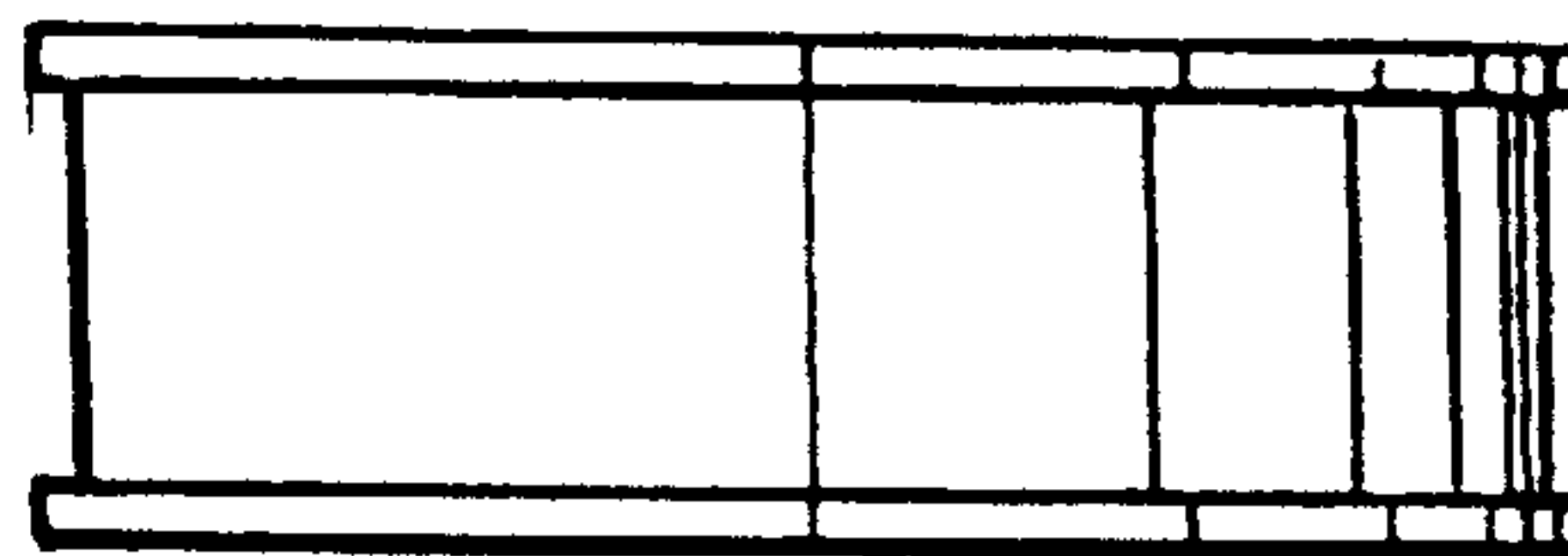


FIG-5

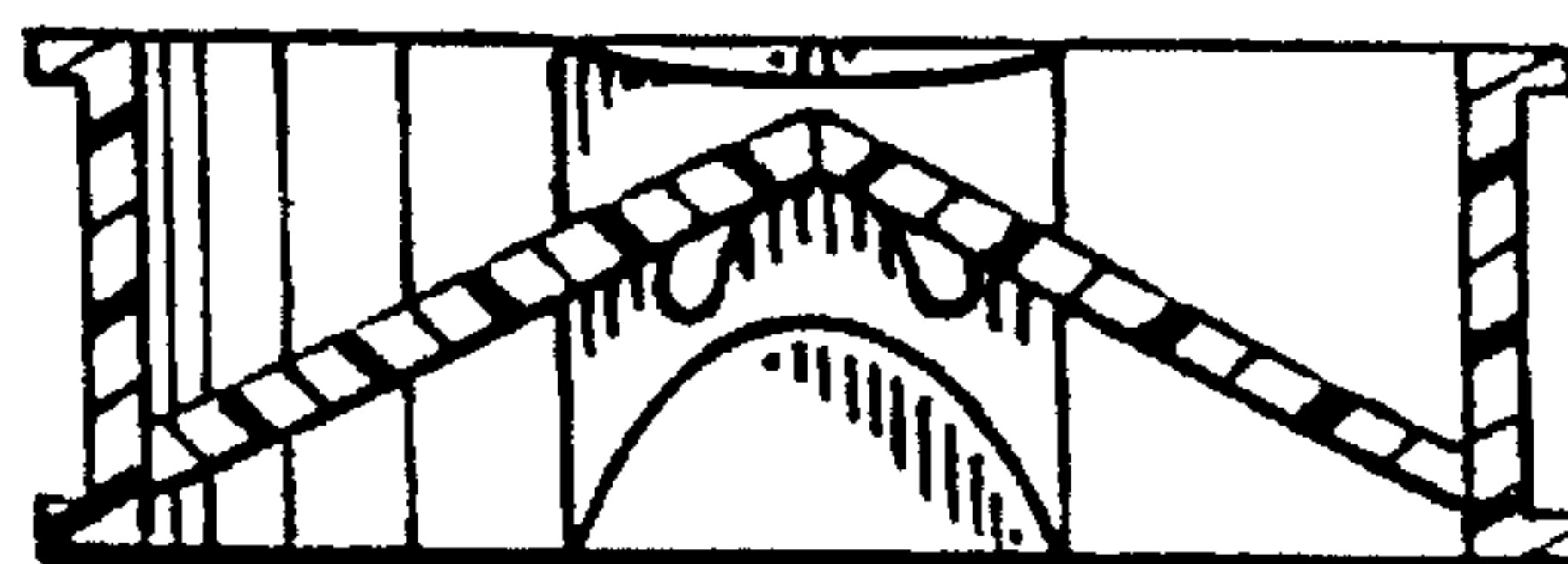


FIG-6

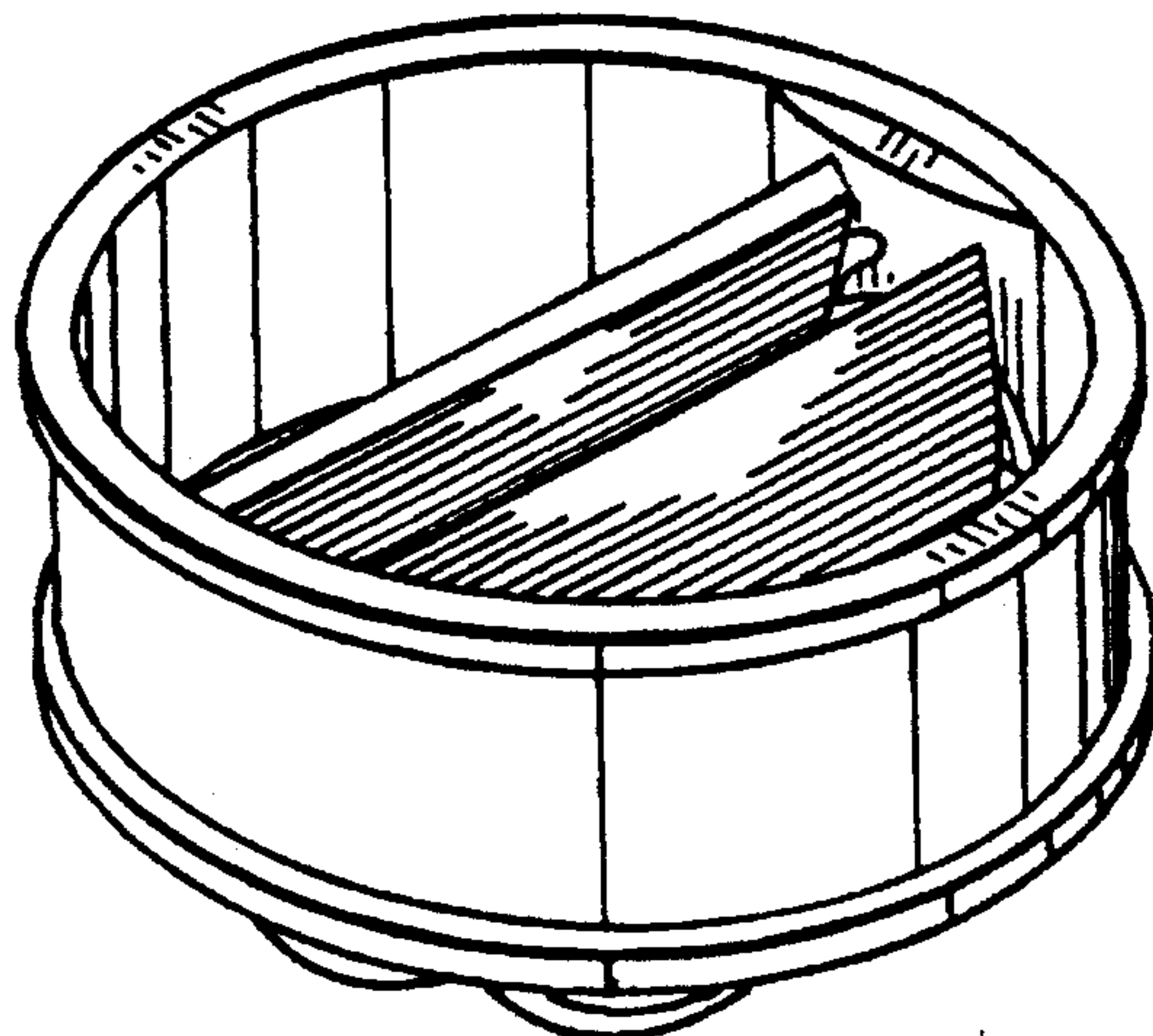


FIG-7

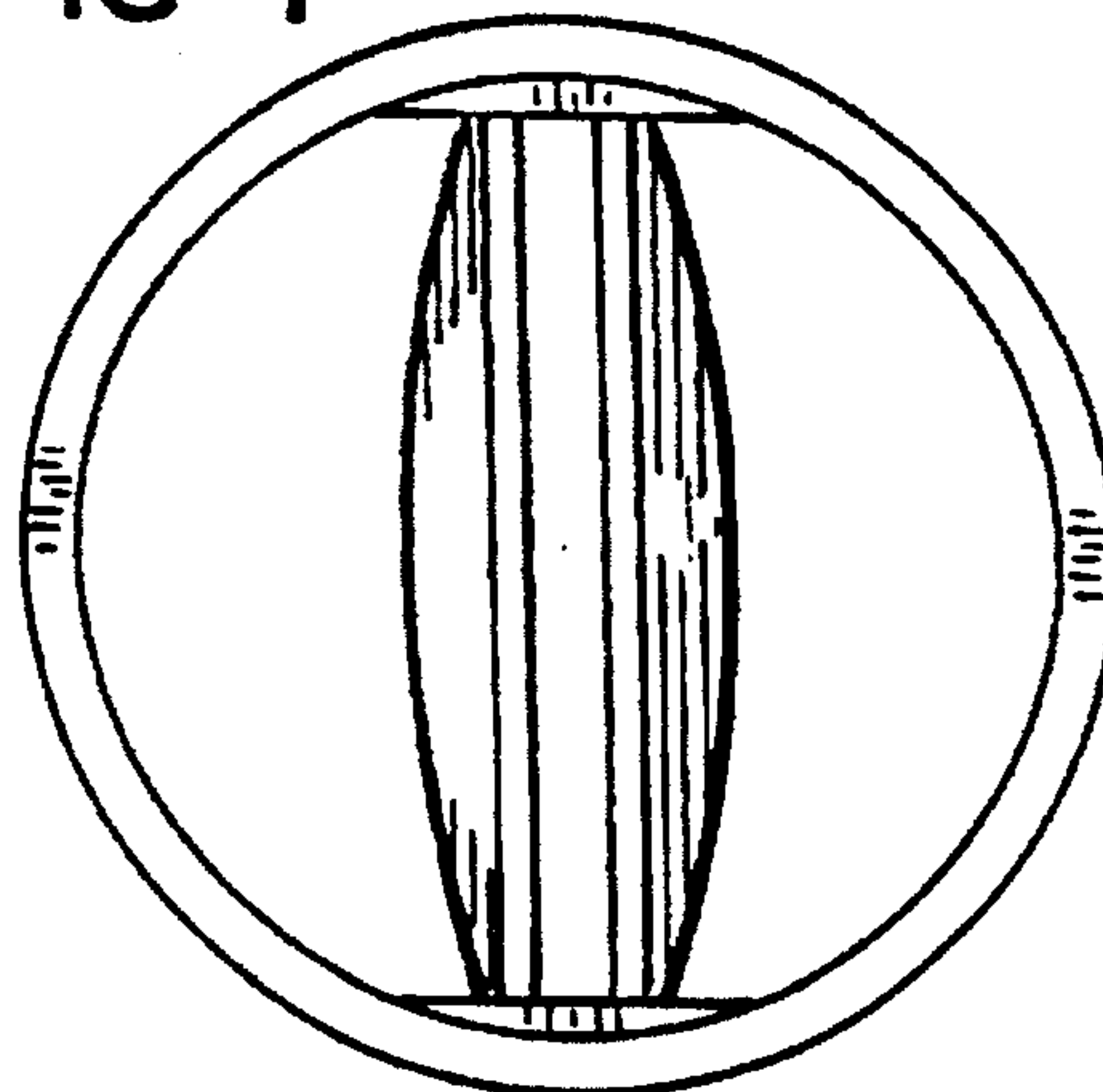


FIG-8

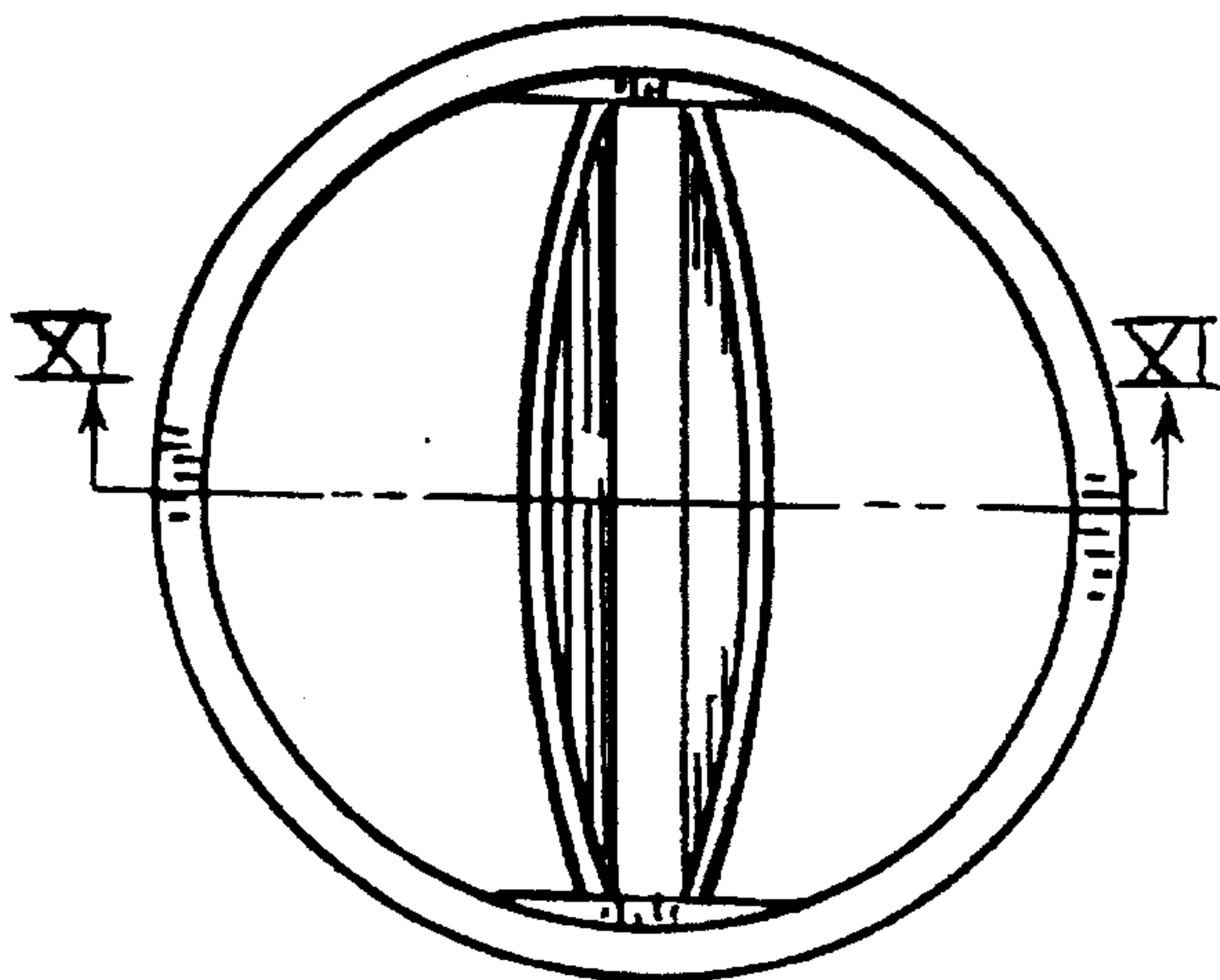


FIG-9

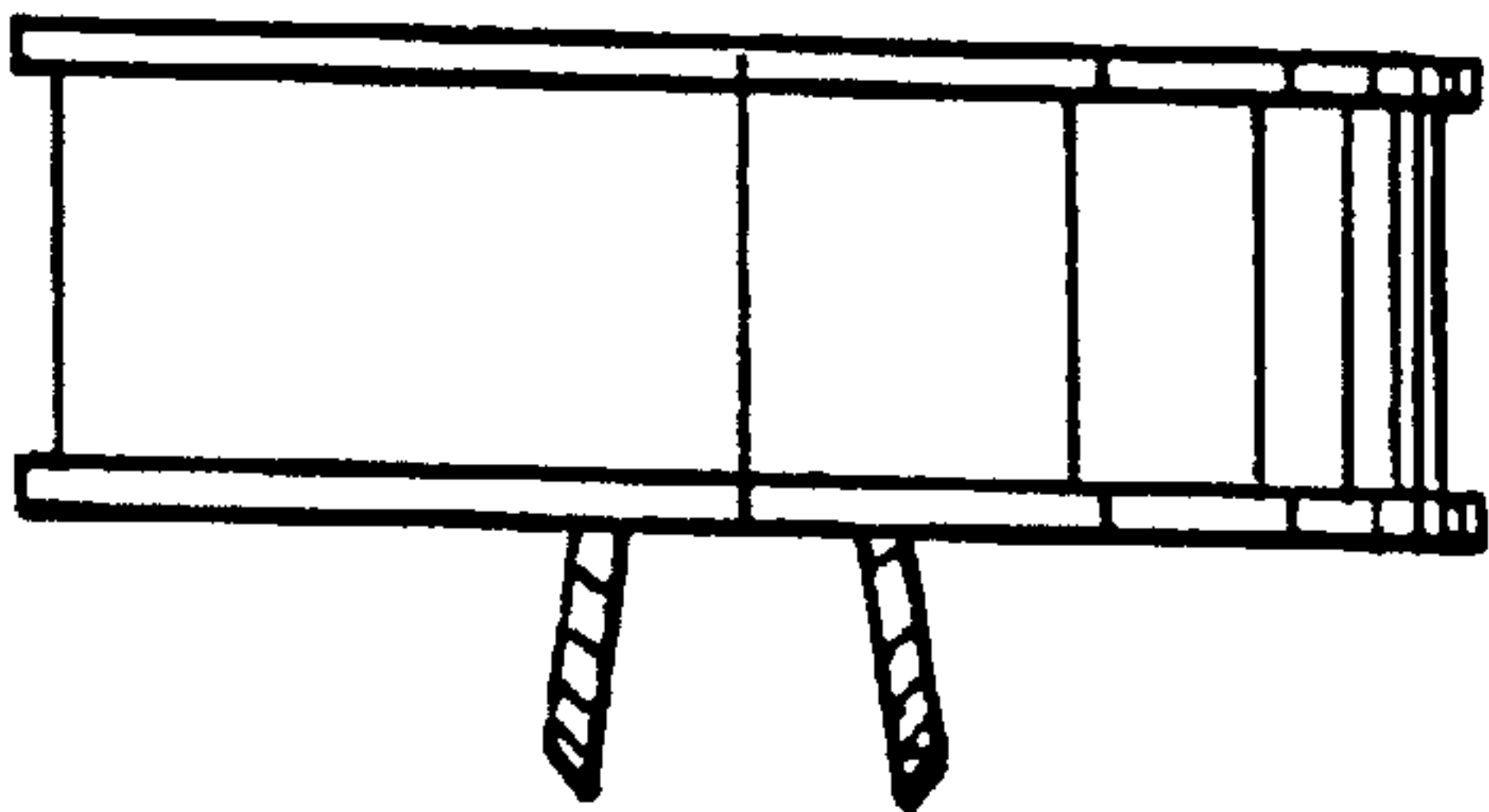


FIG-10

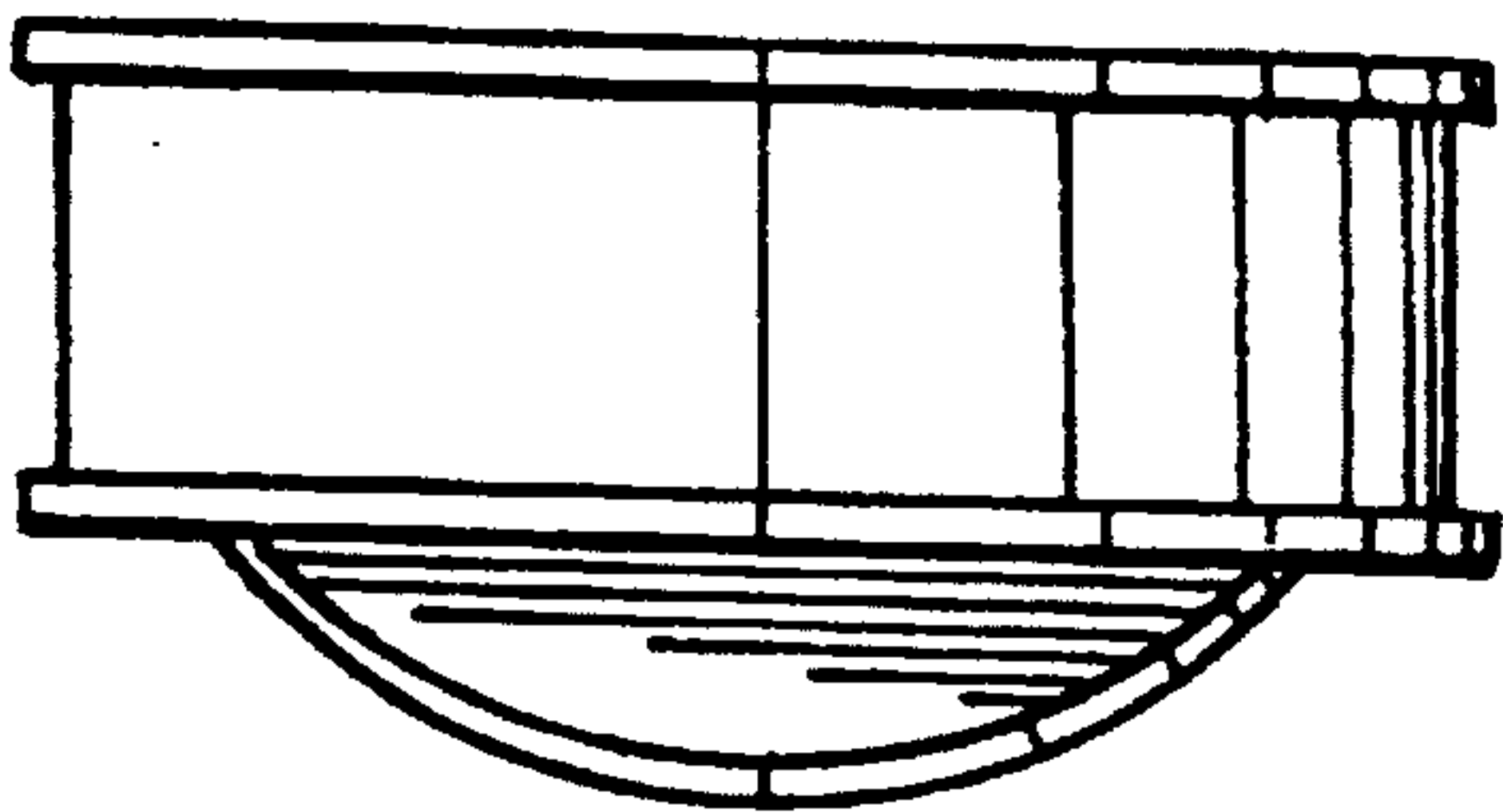


FIG-11

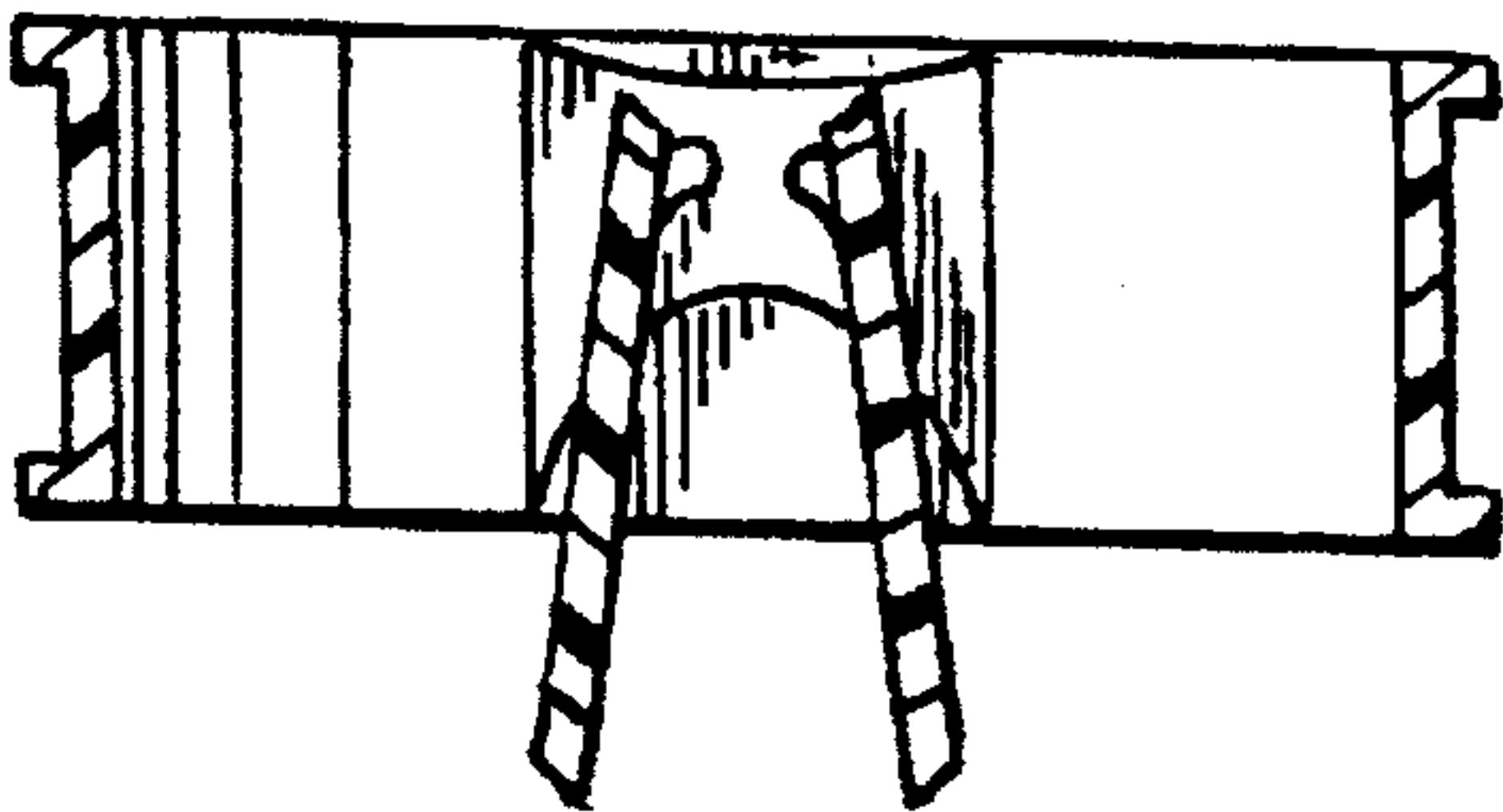


FIG-12

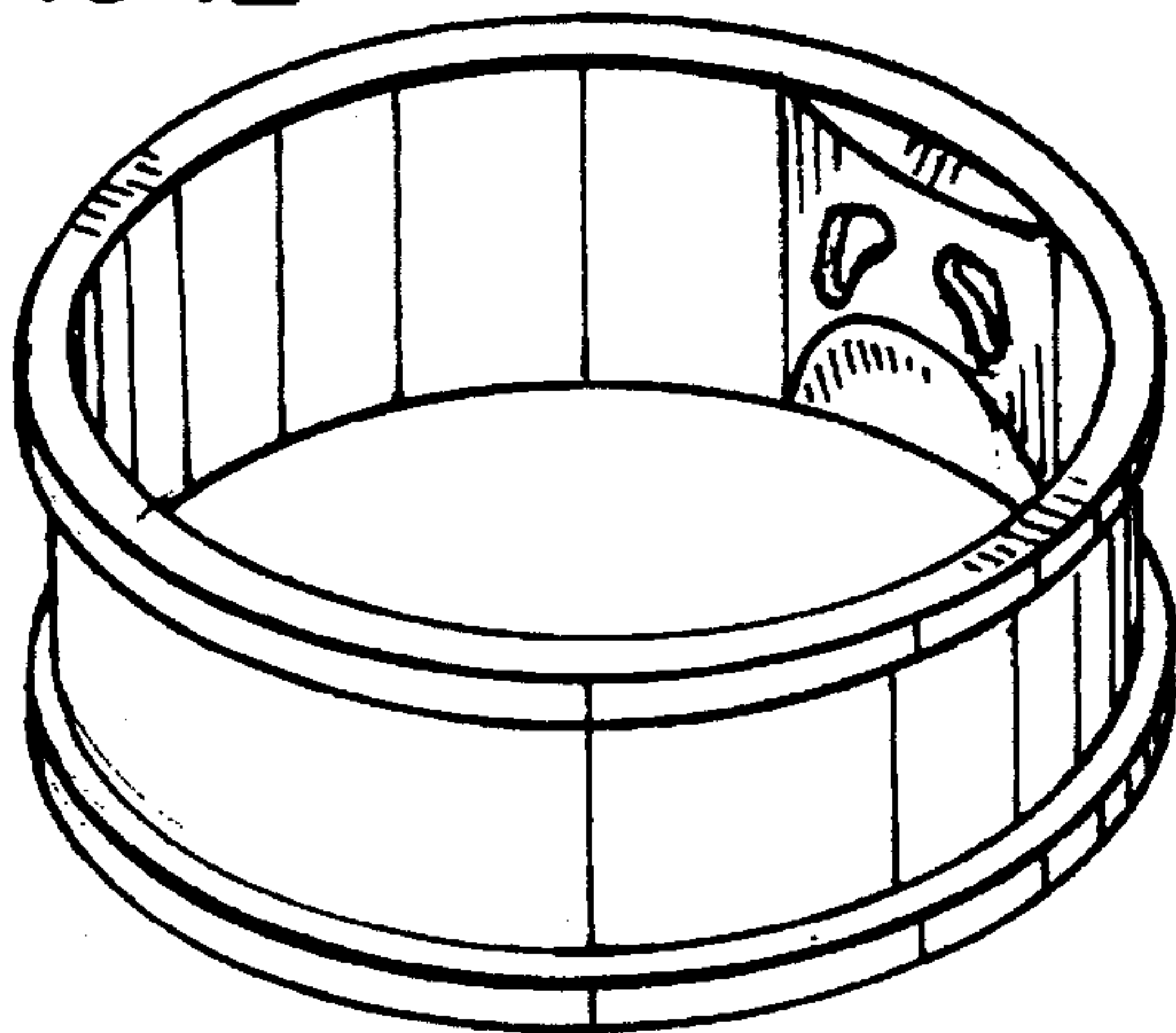


FIG-13

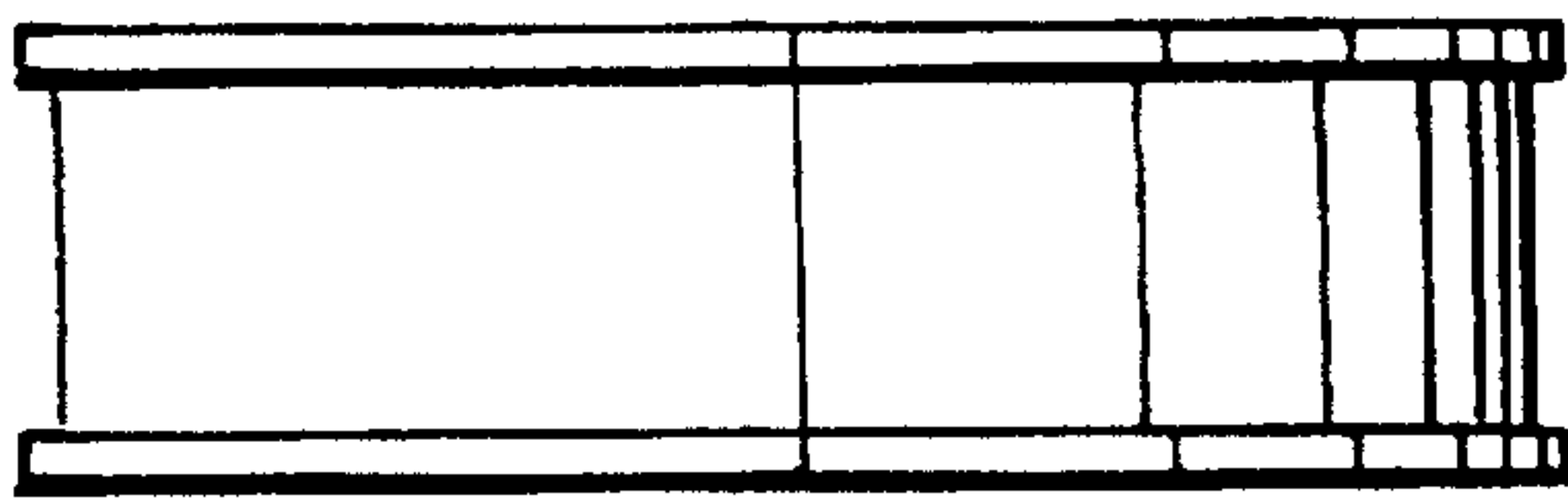


FIG-14

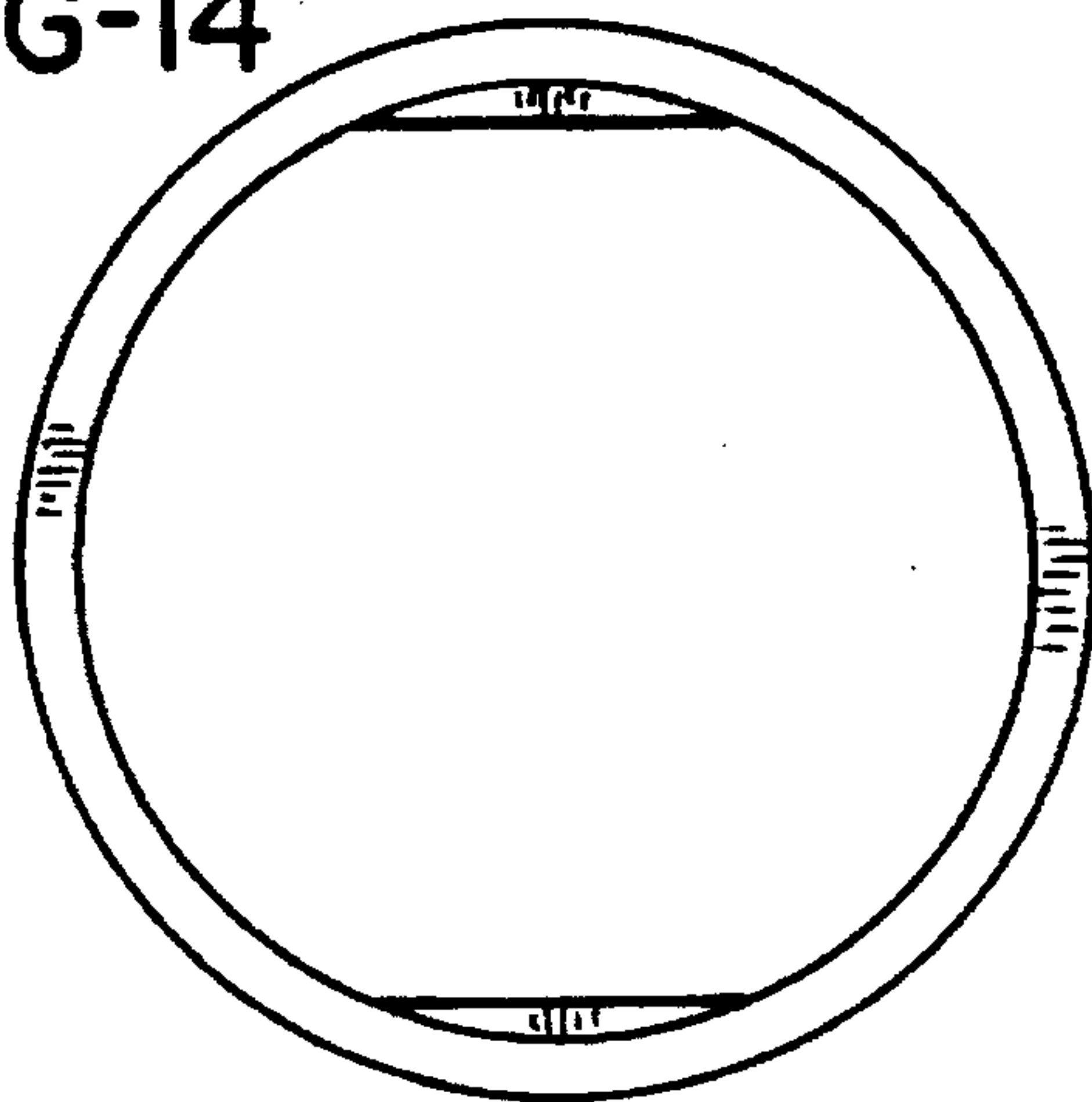


FIG-15

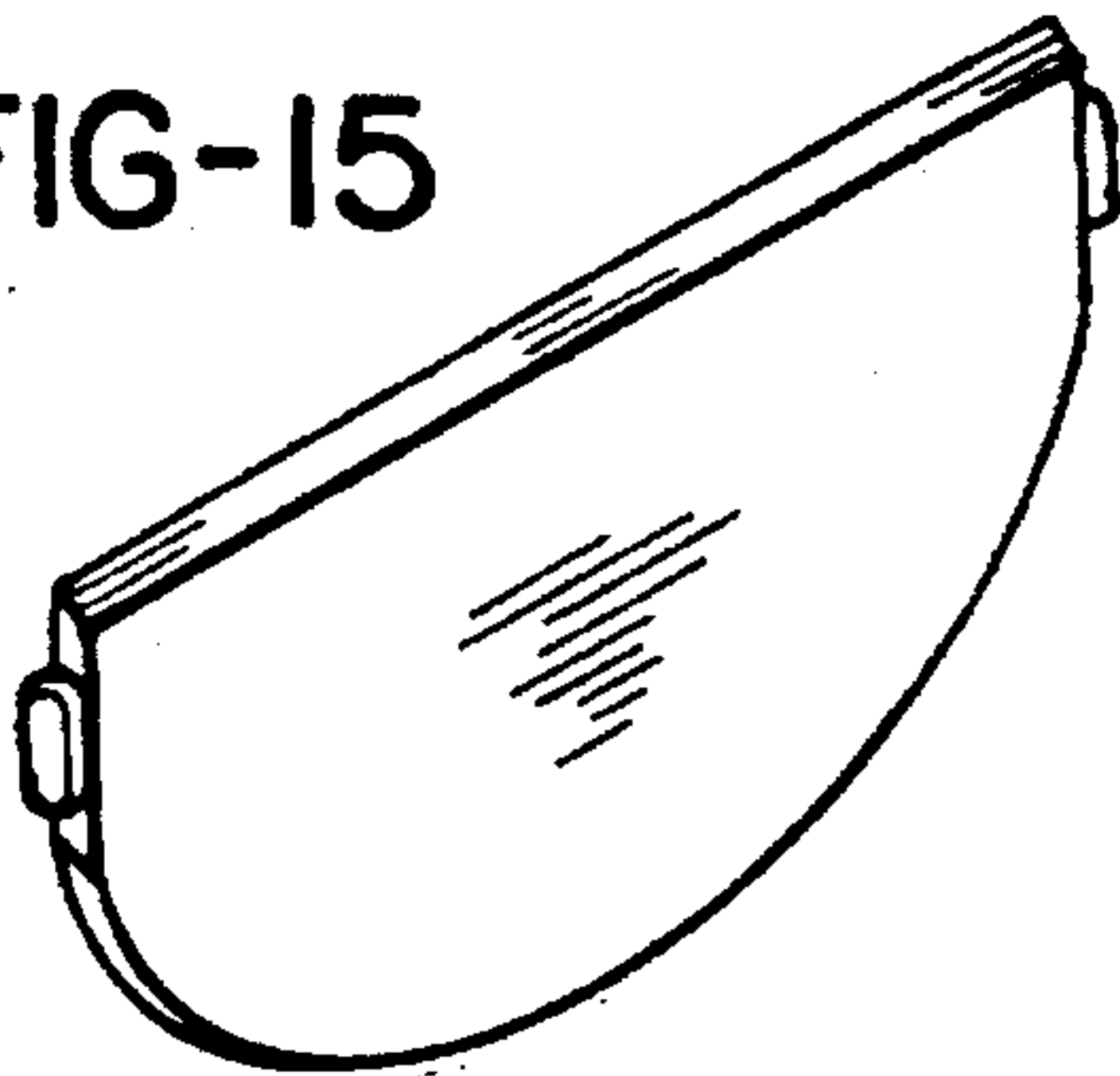


FIG-16



FIG-17

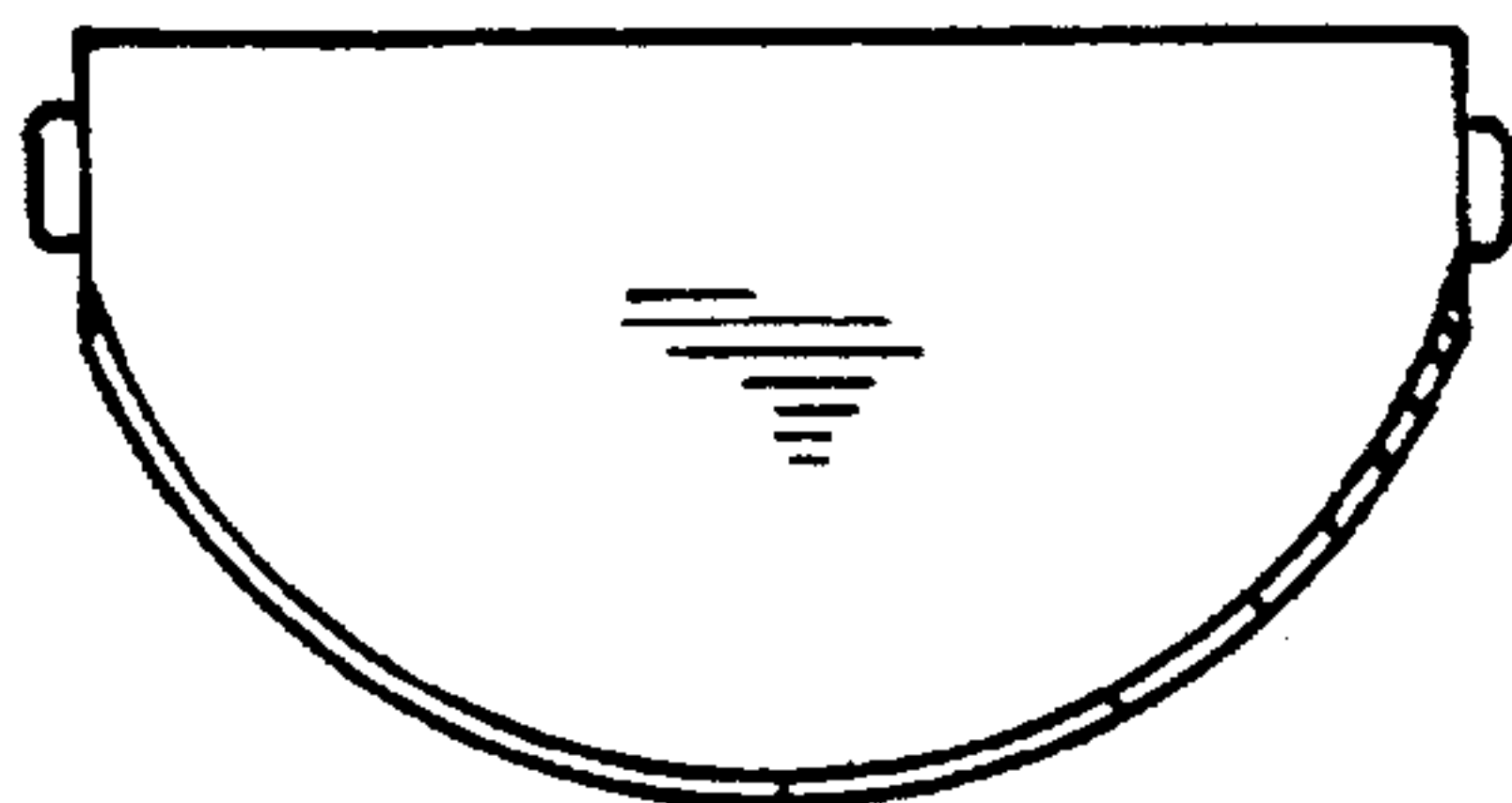


FIG-18

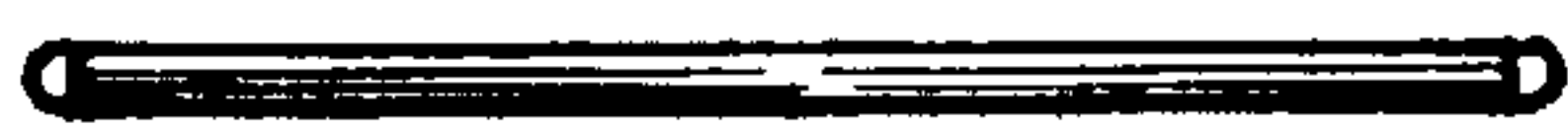


FIG-19



FIG-20



FIG-21

