



US00D413282S

**United States Patent** [19]  
**Aoki**

[11] **Patent Number: Des. 413,282**

[45] **Date of Patent: \*\* Aug. 31, 1999**

[54] **SNAP FASTENER**

[75] Inventor: **Yoshihiro Aoki**, Tokyo, Japan

[73] Assignee: **Application Art Laboratories Co., Ltd.**, Tokyo, Japan

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

[21] Appl. No.: **29/090,759**

[22] Filed: **Jul. 14, 1998**

[51] **LOC (6) Cl.** ..... **02-07**

[52] **U.S. Cl.** ..... **D11/220**

[58] **Field of Search** ..... D11/200, 201,  
D11/220, 231; 292/251.5; 24/303, 66.1

[56] **References Cited**

**U.S. PATENT DOCUMENTS**

4,505,007	3/1985	Aoki	24/303
4,941,235	7/1990	Aoki	292/251.5
5,152,035	10/1992	Morita	24/303

*Primary Examiner*—Ralf Seifert  
*Attorney, Agent, or Firm*—Wenderoth, Lind & Ponack, L.L.P.

[57] **CLAIM**

The ornamental design for a snap fastener, as shown and described.

**DESCRIPTION**

FIG. 1 is a front elevational view of a magnetic fastener showing the 1st embodiment of my new design, with the rear elevational view being identical thereto;

FIG. 2 is a left side elevational view with the right side elevational view being identical thereto;

FIG. 3 is a top plan view thereof;

FIG. 4 is a bottom plan view thereof;

FIG. 5 is a front elevational view of the front member of the magnetic fastener shown in FIG. 1, detached from the rear member, with the rear elevational view being identical thereto;

FIG. 6 is a left side elevational view with the right side elevational view being identical thereto;

FIG. 7 is a top plan view thereof corresponding to FIG. 3; FIG. 8 is a bottom plan view thereof;

FIG. 9 is a front elevational view of the rear member of the magnetic fastener shown in FIG. 1, detached from the front member, with the rear elevational view being identical thereto;

FIG. 10 is a left side elevational view with the right side elevational view being identical thereto;

FIG. 11 is a top plan view thereof;

FIG. 12 is a bottom plan view thereof corresponding to FIG. 4;

FIG. 13 is a front elevational view of a magnetic fastener showing the 2nd embodiment of my new design, with the rear elevational view being identical thereto;

FIG. 14 is a left side elevational view with the right side elevational view being identical thereto;

FIG. 15 is a top plan view thereof;

FIG. 16 is a bottom plan view thereof;

FIG. 17 is a front elevational view of the front member of the magnetic fastener shown in FIG. 13, detached from the rear member, with the rear elevational view being identical thereto;

FIG. 18 is a left side elevational view with the right side elevational view being identical thereto;

FIG. 19 is a top plan view thereof corresponding to FIG. 15;

FIG. 20 is a bottom plan view thereof;

FIG. 21 is a front elevational view of the rear member of the magnetic fastener shown in FIG. 13, detached from the front member, with the rear elevational view being identical thereto;

FIG. 22 is a left side elevational view with the right side elevational view being identical thereto;

FIG. 23 is a top plan view thereof;

FIG. 24 is a bottom plan view thereof corresponding to FIG. 16;

FIG. 25 is a front elevational view of a magnetic fastener showing the 3rd embodiment of my new design, with the rear elevational view being identical thereto;

FIG. 26 is a left side elevational view with the right side elevational view being identical thereto;

FIG. 27 is a top plan view thereof;

FIG. 28 is a bottom plan view thereof;

FIG. 29 is a front elevational view of the front member of the magnetic fastener shown in FIG. 25, detached from the rear member, with the rear elevational view being identical thereto;

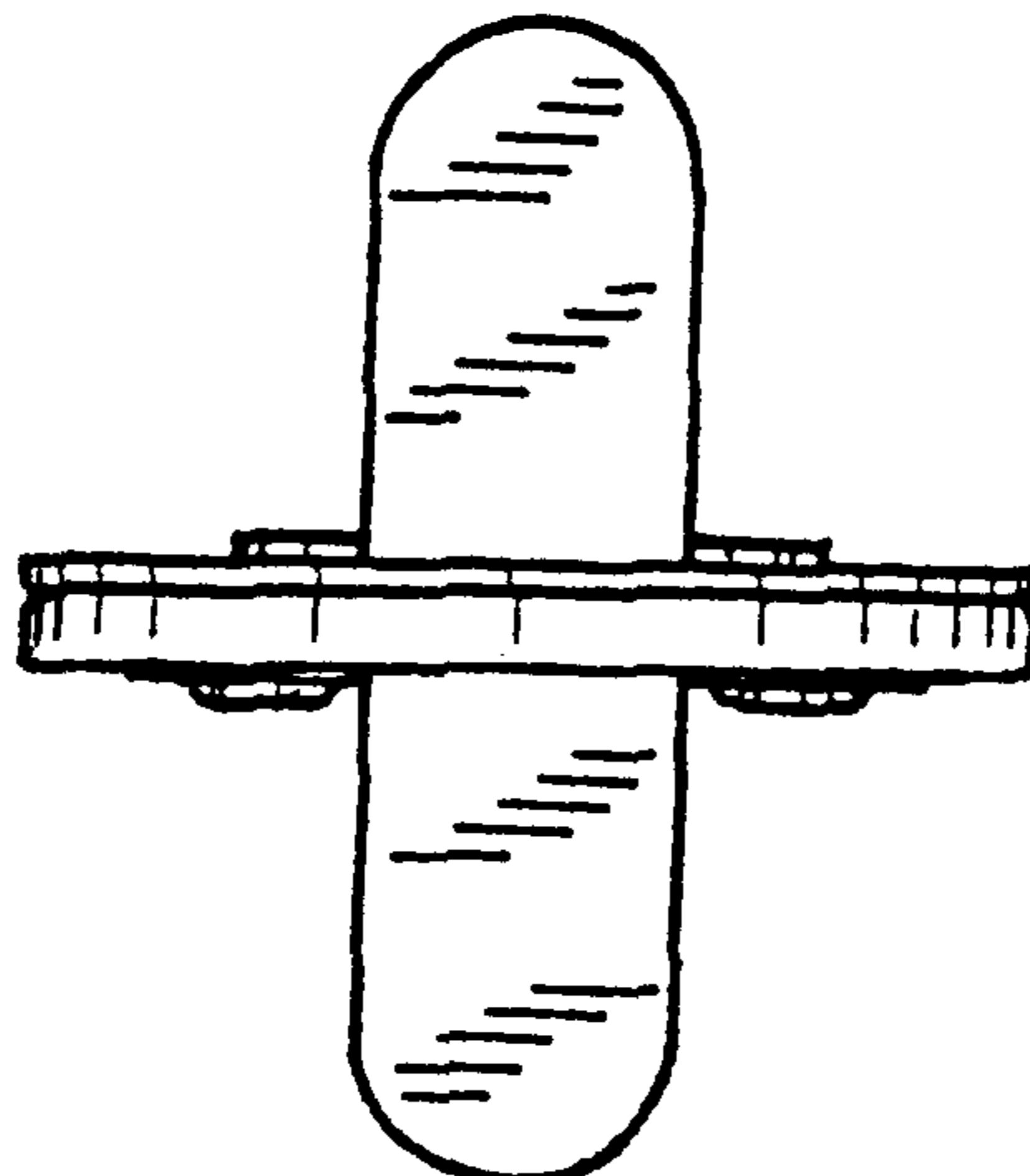


FIG. 30 is a left side elevational view with the right side elevational view being identical thereto;

FIG. 31 is a top plan view thereof corresponding to FIG. 27;

FIG. 32 is a bottom plan view thereof;

FIG. 33 is a front elevational view of the rear member of the magnetic fastener shown in FIG. 25, detached from the front member, with the rear elevational view being identical thereto;

FIG. 34 is a left side elevational view with the right side elevational view being identical thereto;

FIG. 35 is a top plan view thereof;

FIG. 36 is a bottom plan view thereof corresponding to FIG. 28;

FIG. 37 is a front elevational view of a magnetic fastener showing the 4th embodiment of my new design, with the rear elevational view being identical thereto;

FIG. 38 is a left side elevational view with the right side elevational view being identical thereto;

FIG. 39 is a top plan view thereof;

FIG. 40 is a bottom plan view thereof;

FIG. 41 is a front elevational view of the front member of the magnetic fastener shown in FIG. 37, detached from the rear member, with the rear elevational view being identical thereto;

FIG. 42 is a left side elevational view with the right side elevational view being identical thereto;

FIG. 43 is a top plan view thereof corresponding to FIG. 39;

FIG. 44 is a bottom plan view thereof;

FIG. 45 is a front elevational view of the rear member of the magnetic fastener shown in FIG. 37, detached from the front member, with the rear elevational view being identical thereto;

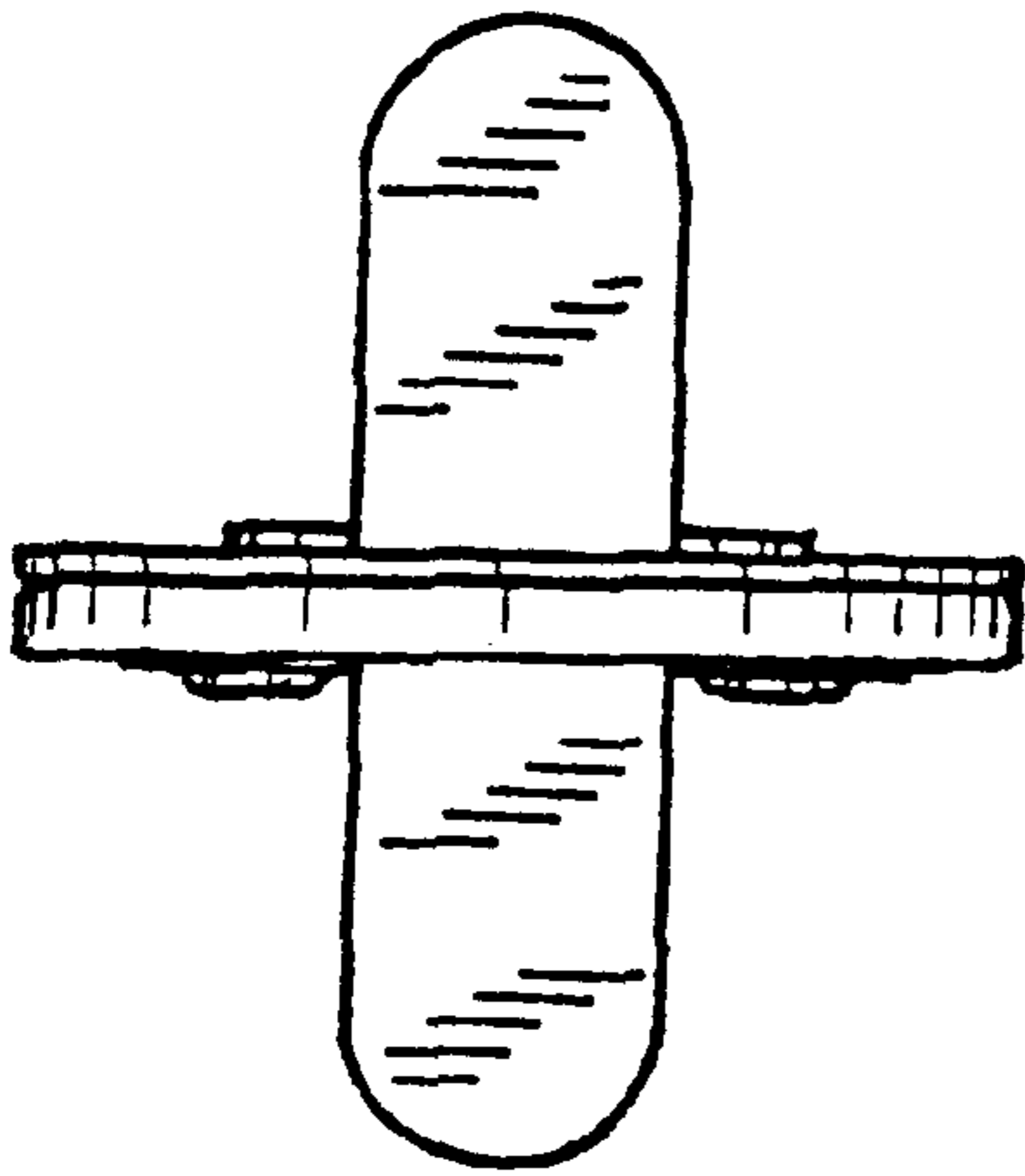
FIG. 46 is a left side elevational view with the right side elevational view being identical thereto;

FIG. 47 is a top plan view thereof; and,

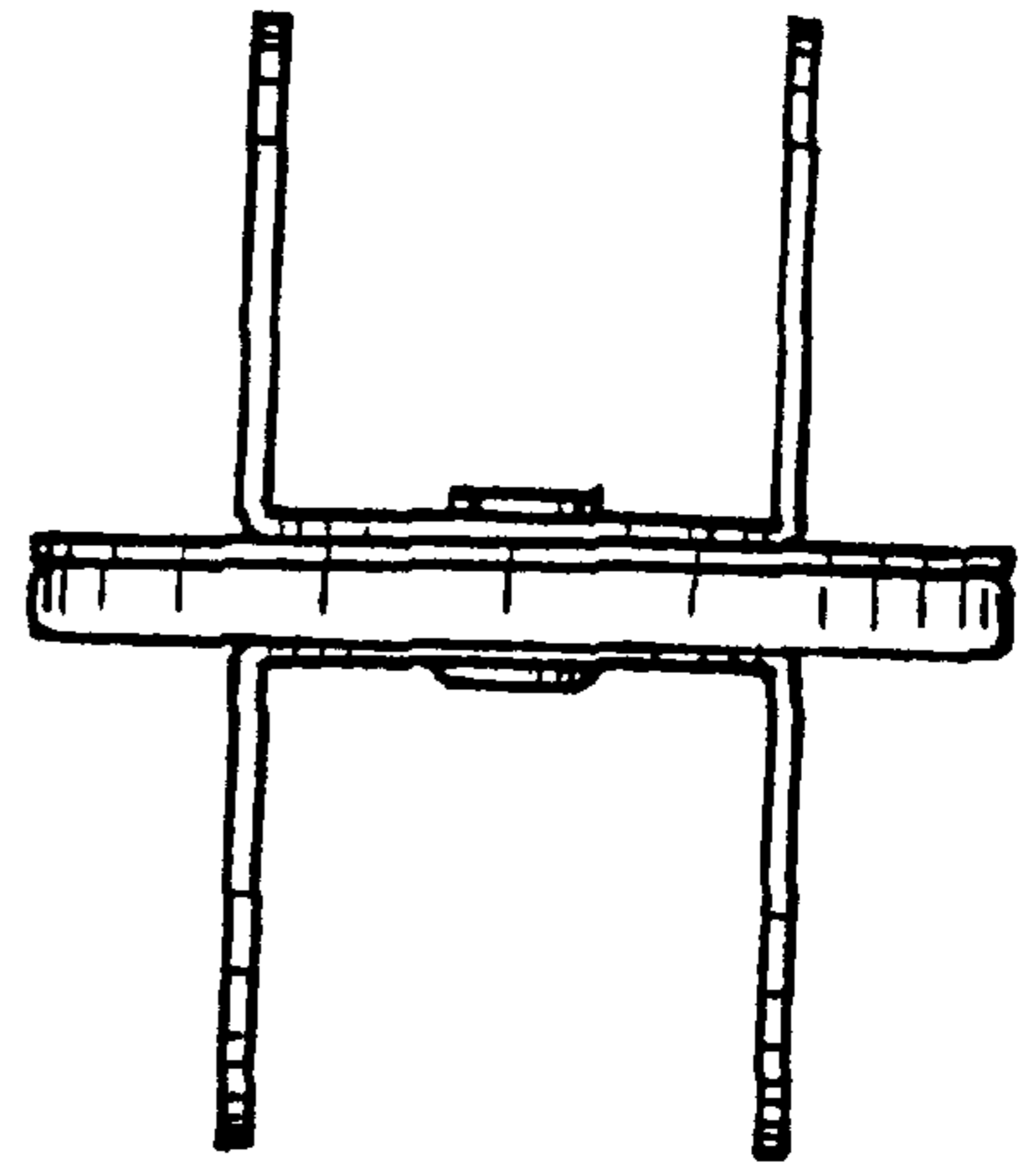
FIG. 48 is a bottom plan view thereof corresponding to FIG. 40.

**1 Claim, 12 Drawing Sheets**

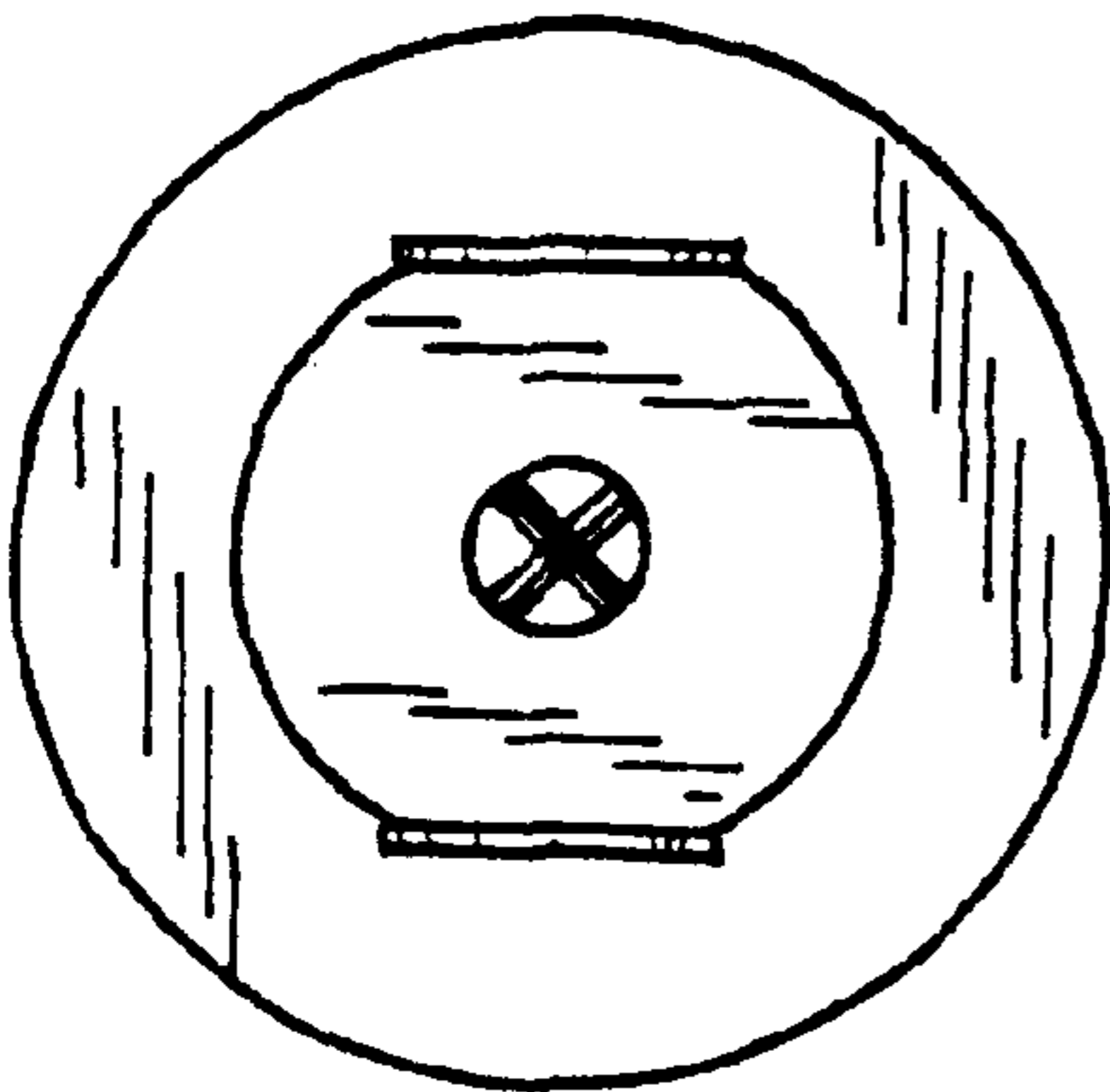
**FIG. 1**



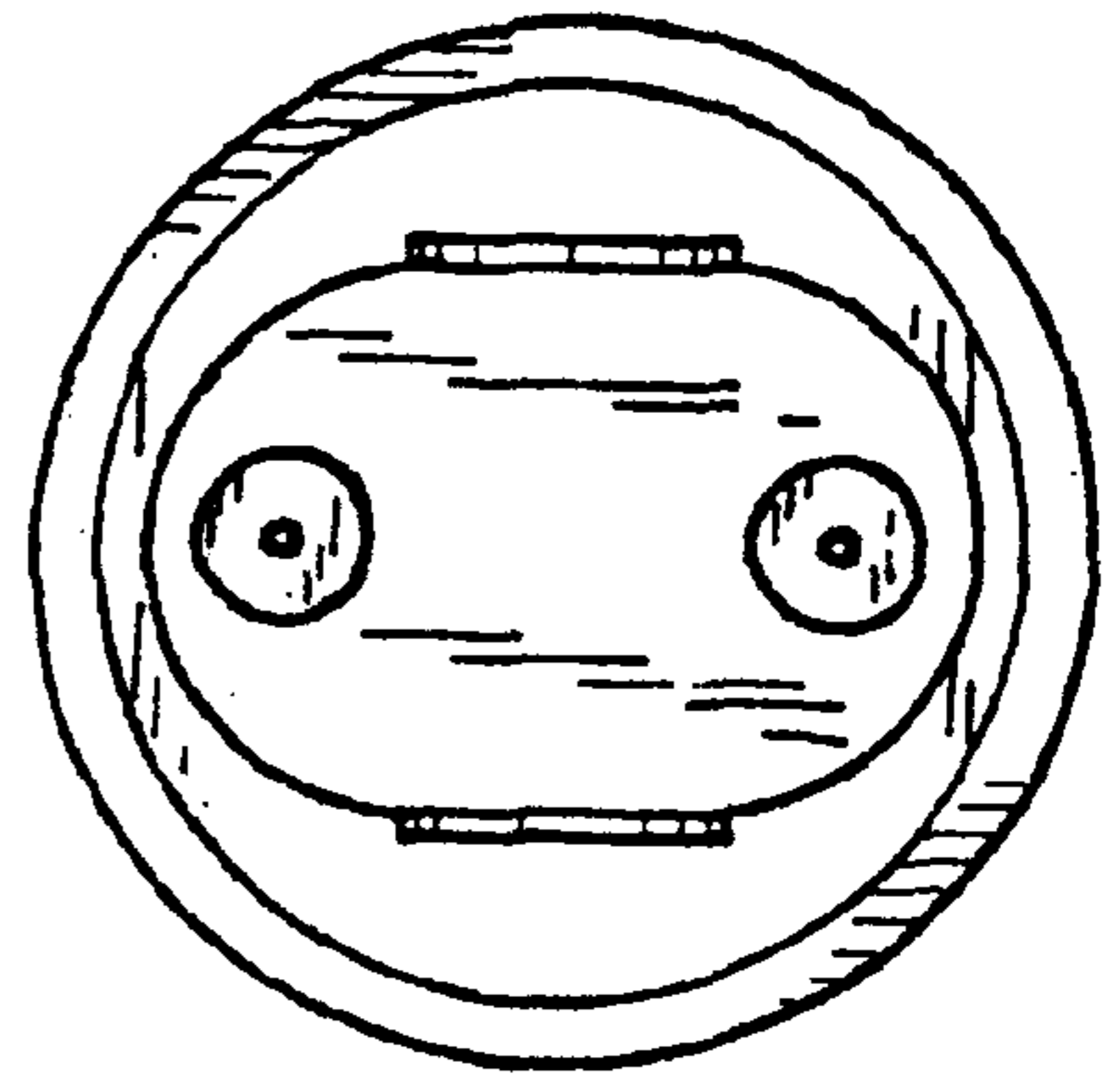
**FIG. 2**



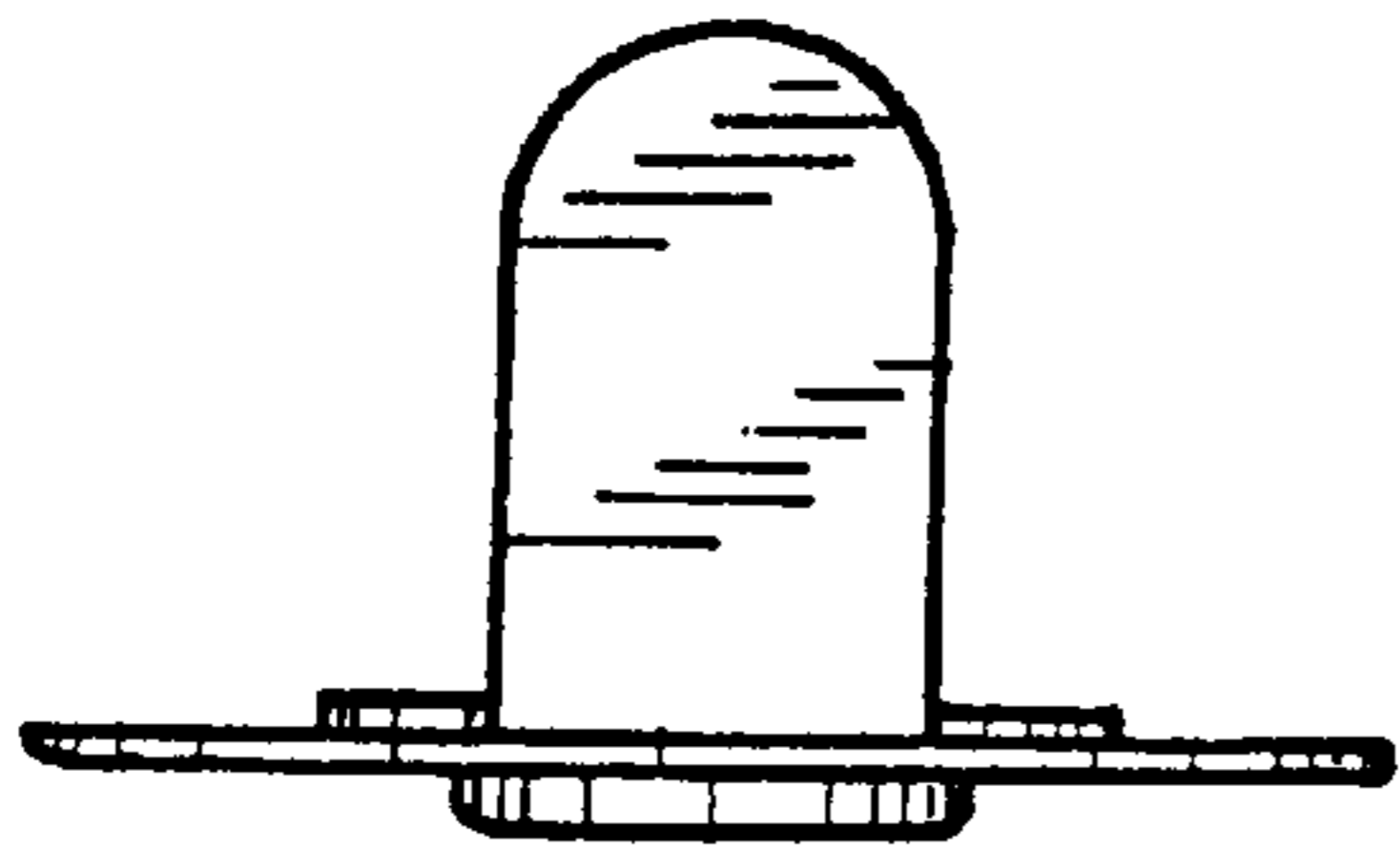
**FIG. 3**



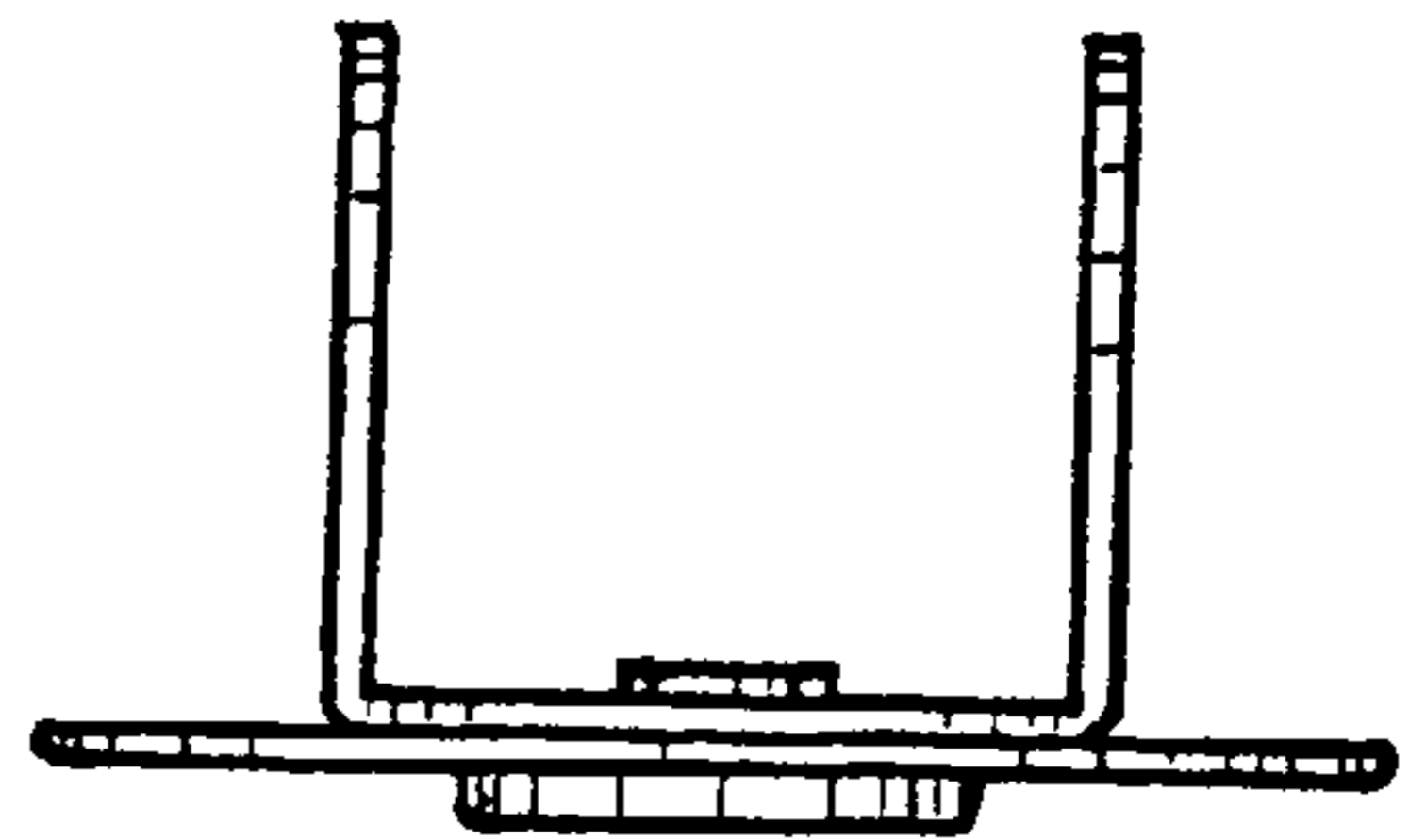
**FIG. 4**



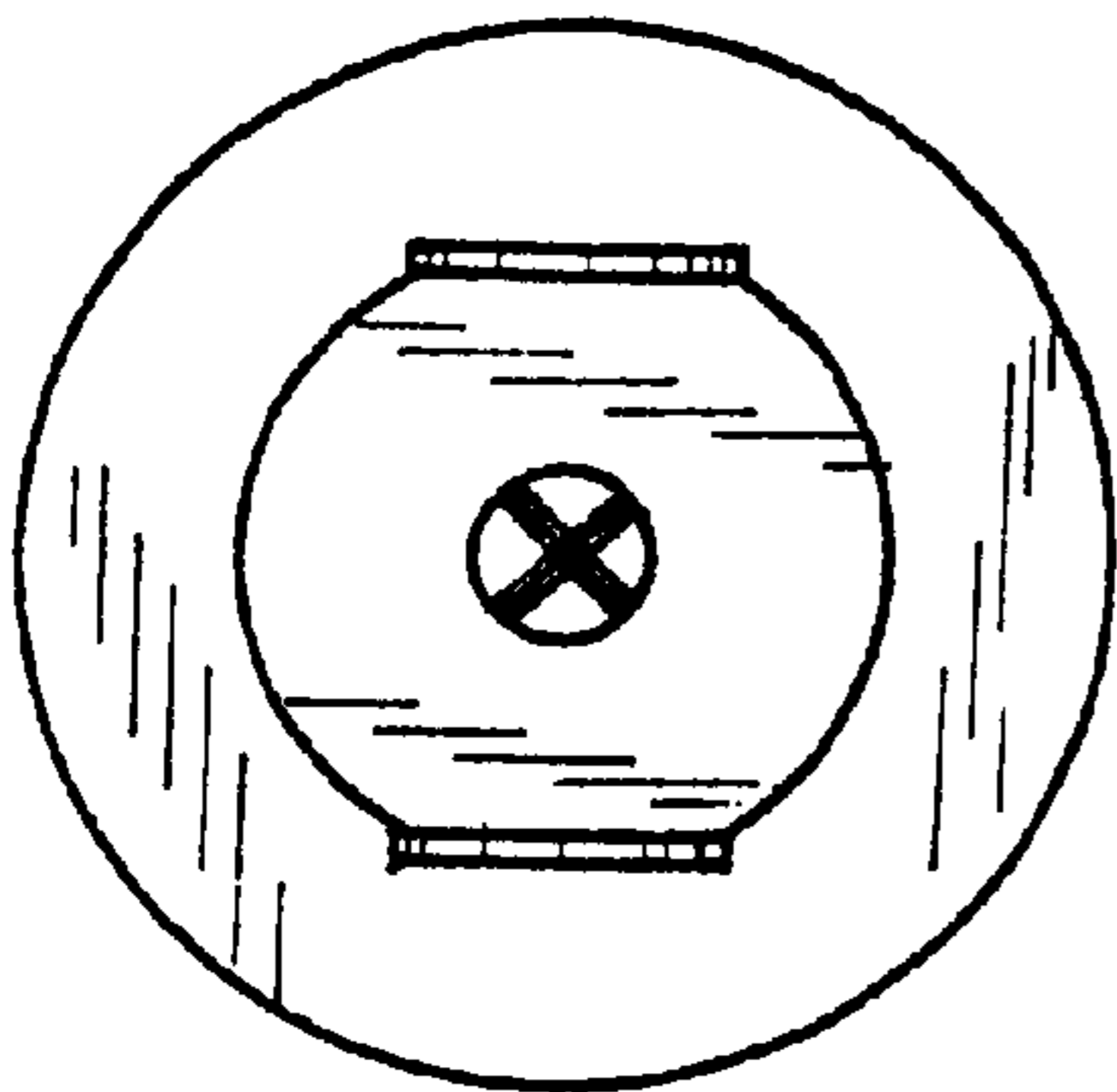
**FIG. 5**



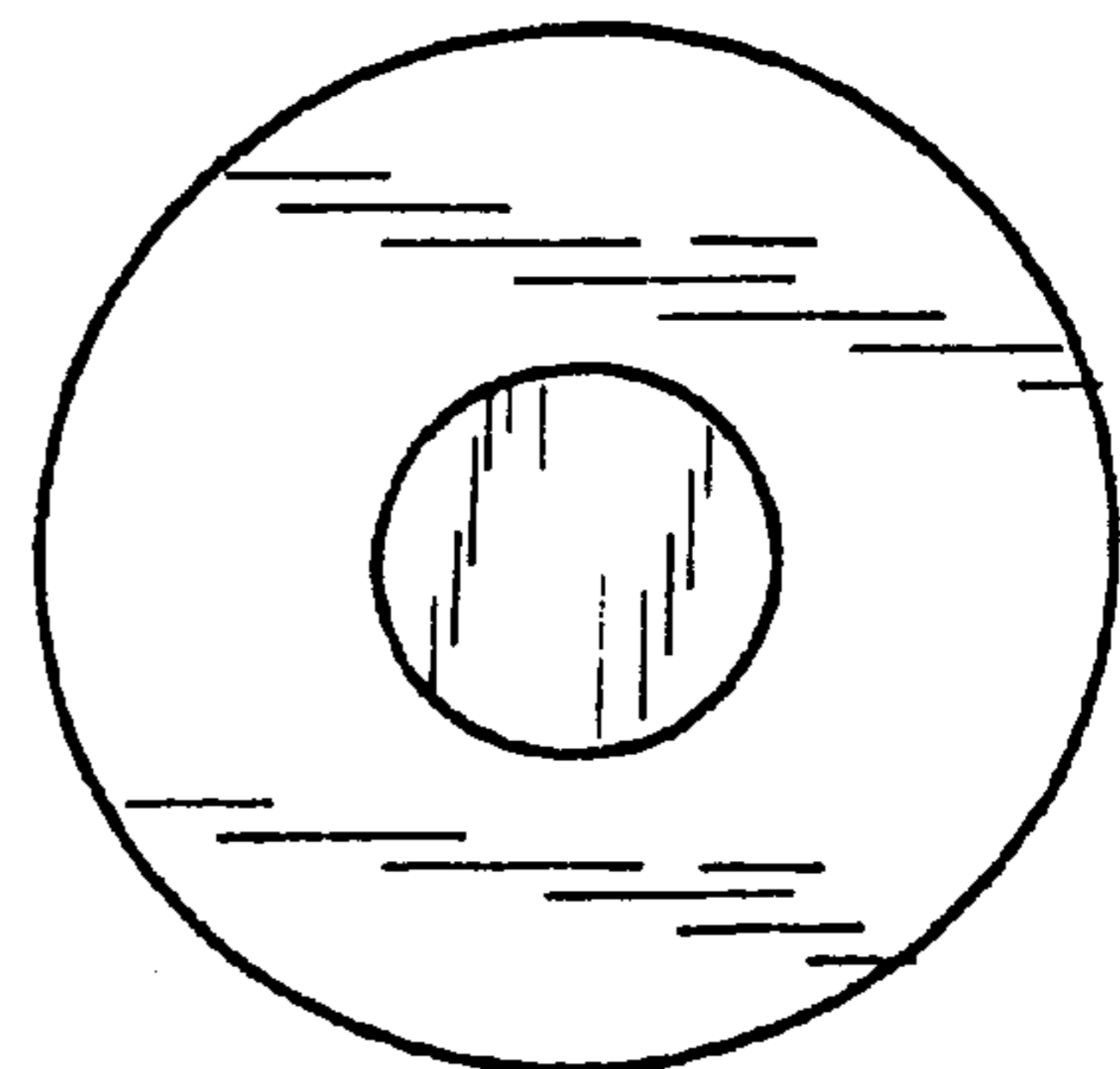
**FIG. 6**



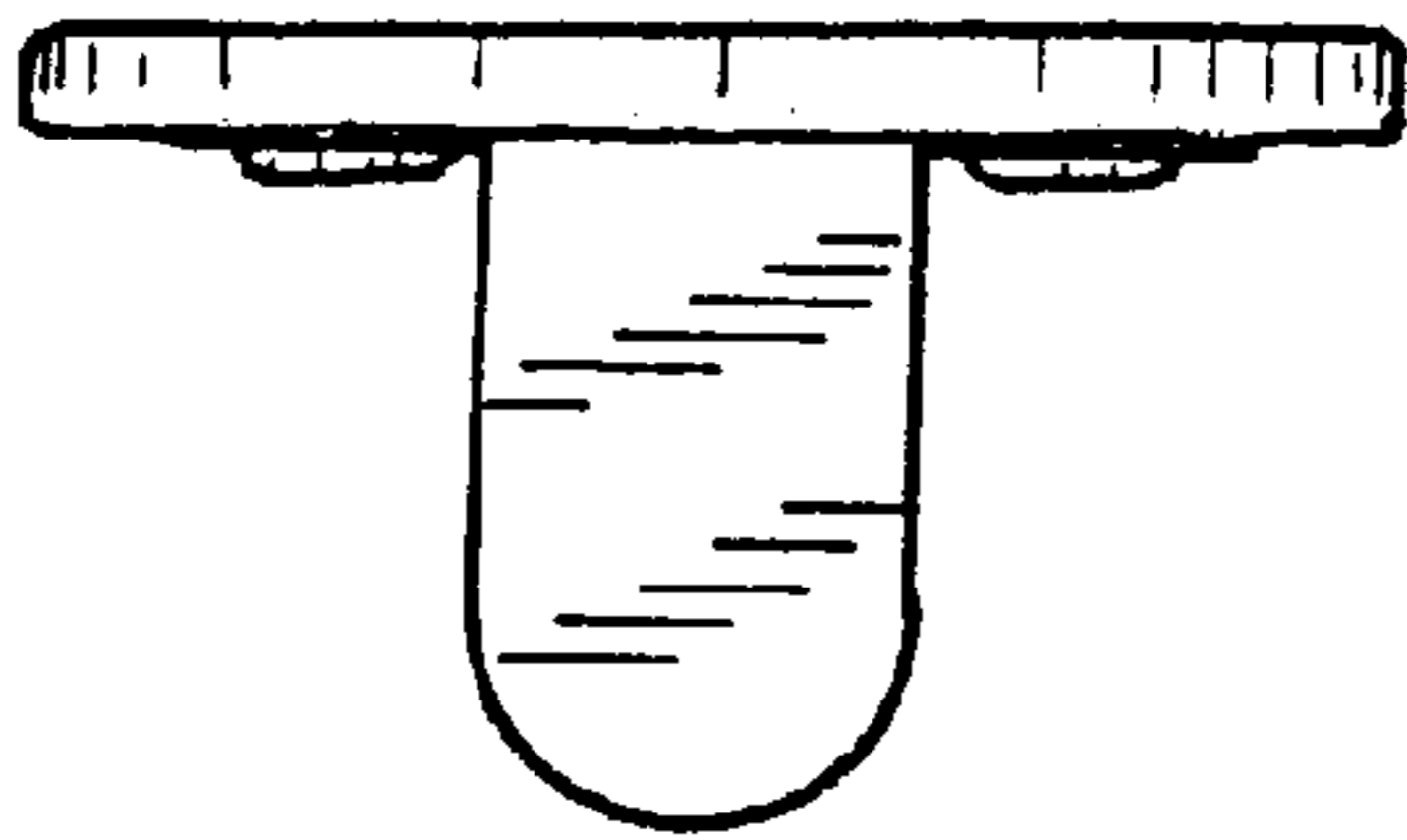
**FIG. 7**



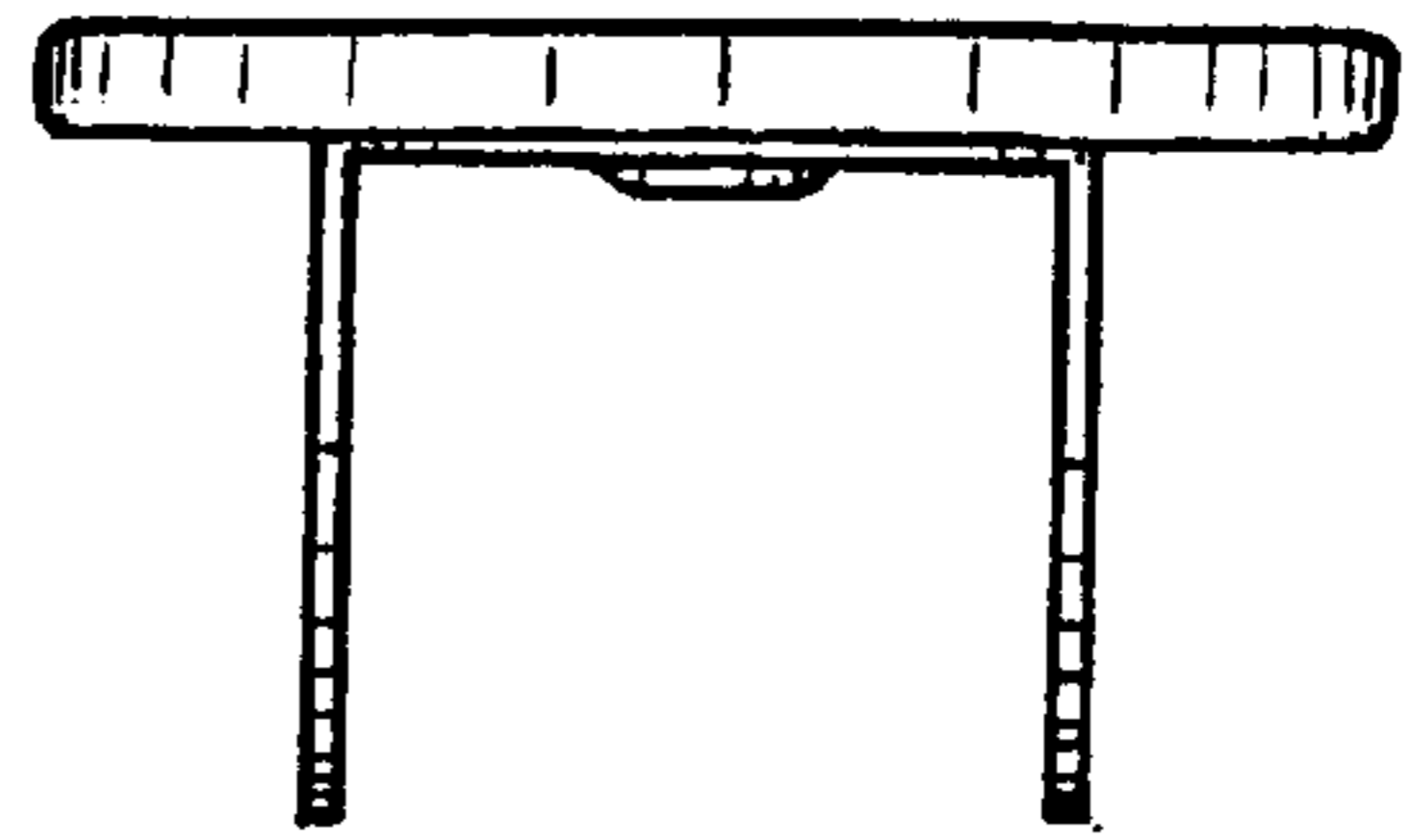
**FIG. 8**



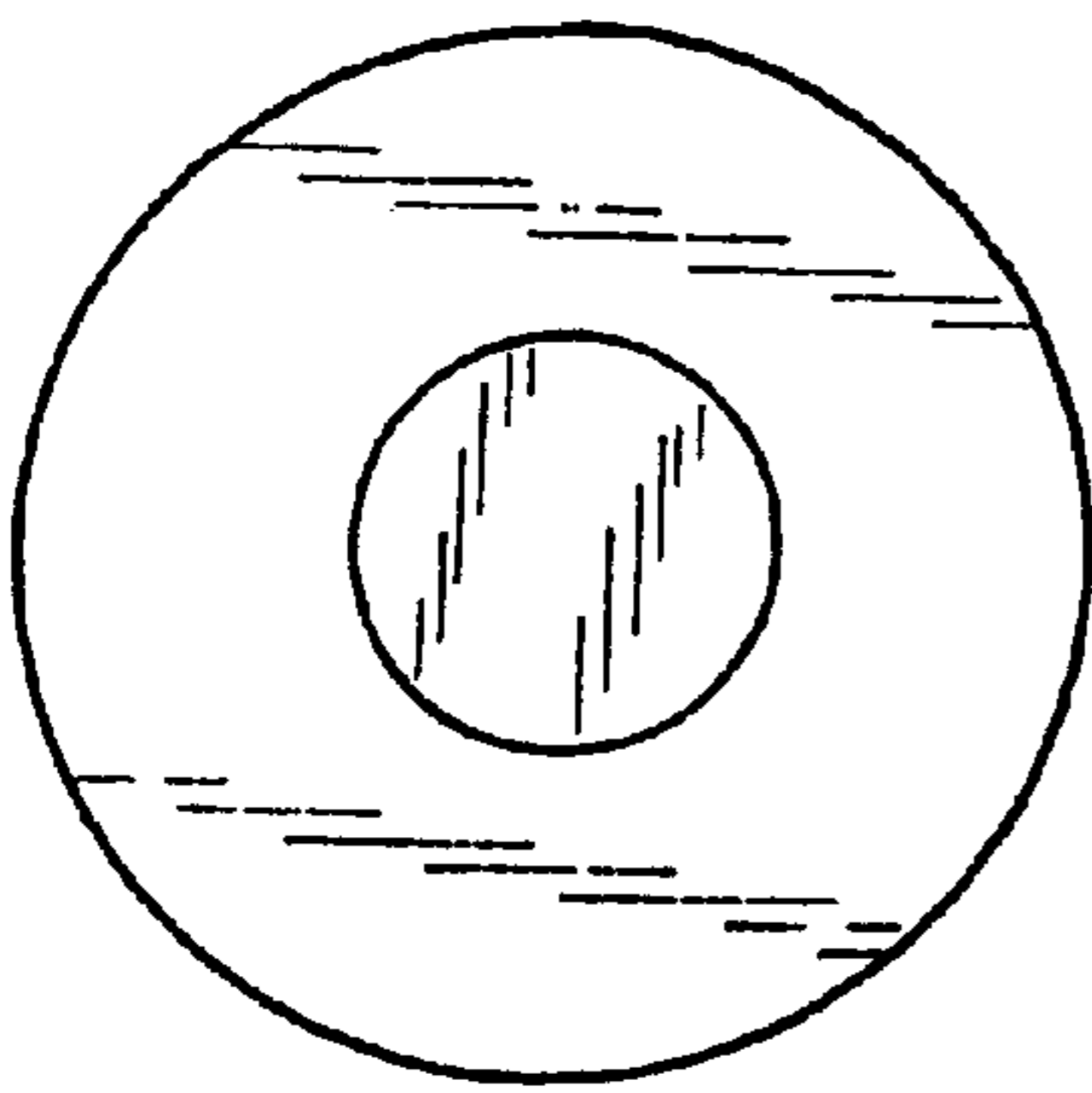
**FIG. 9**



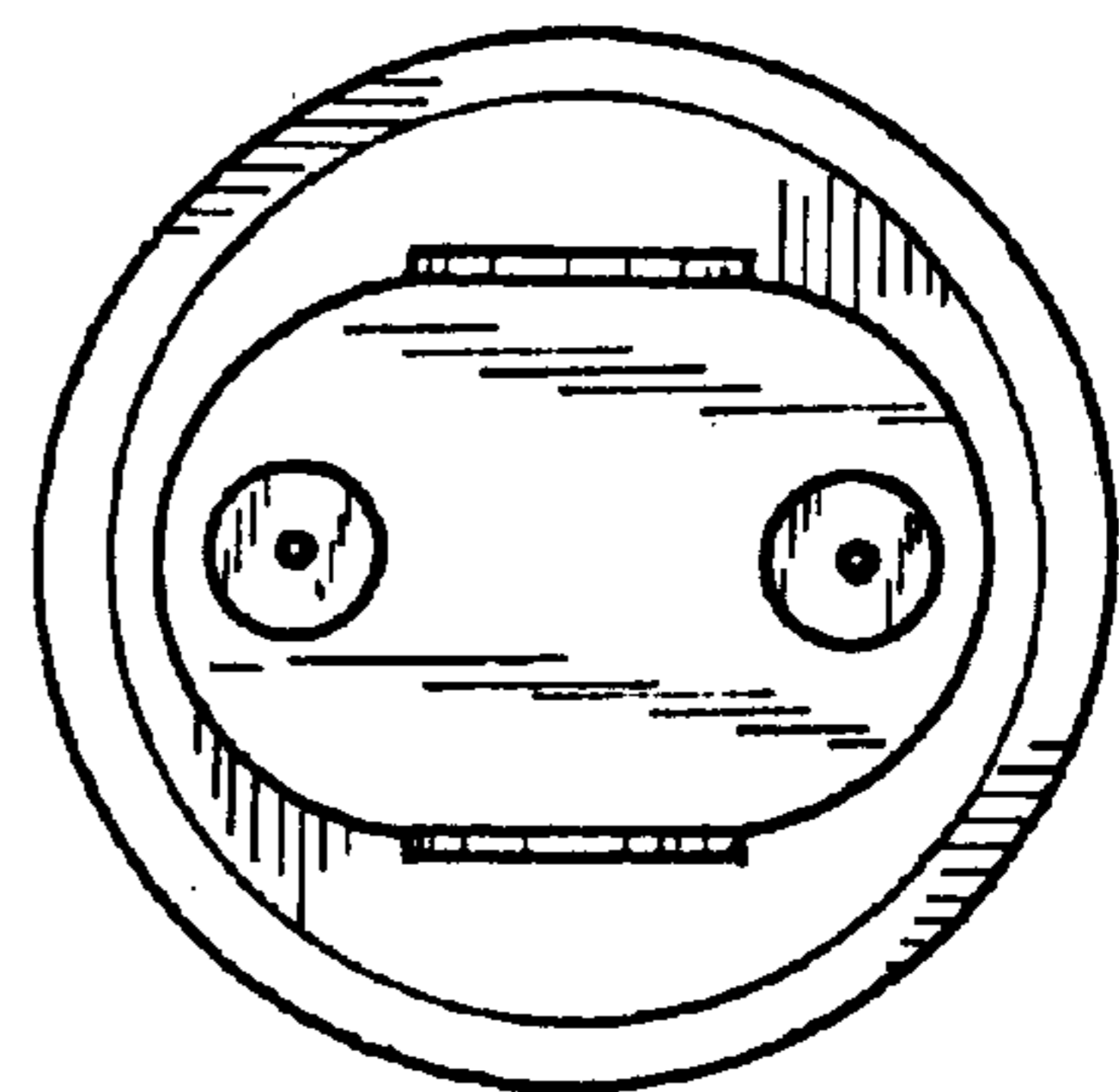
**FIG. 10**



**FIG. 11**

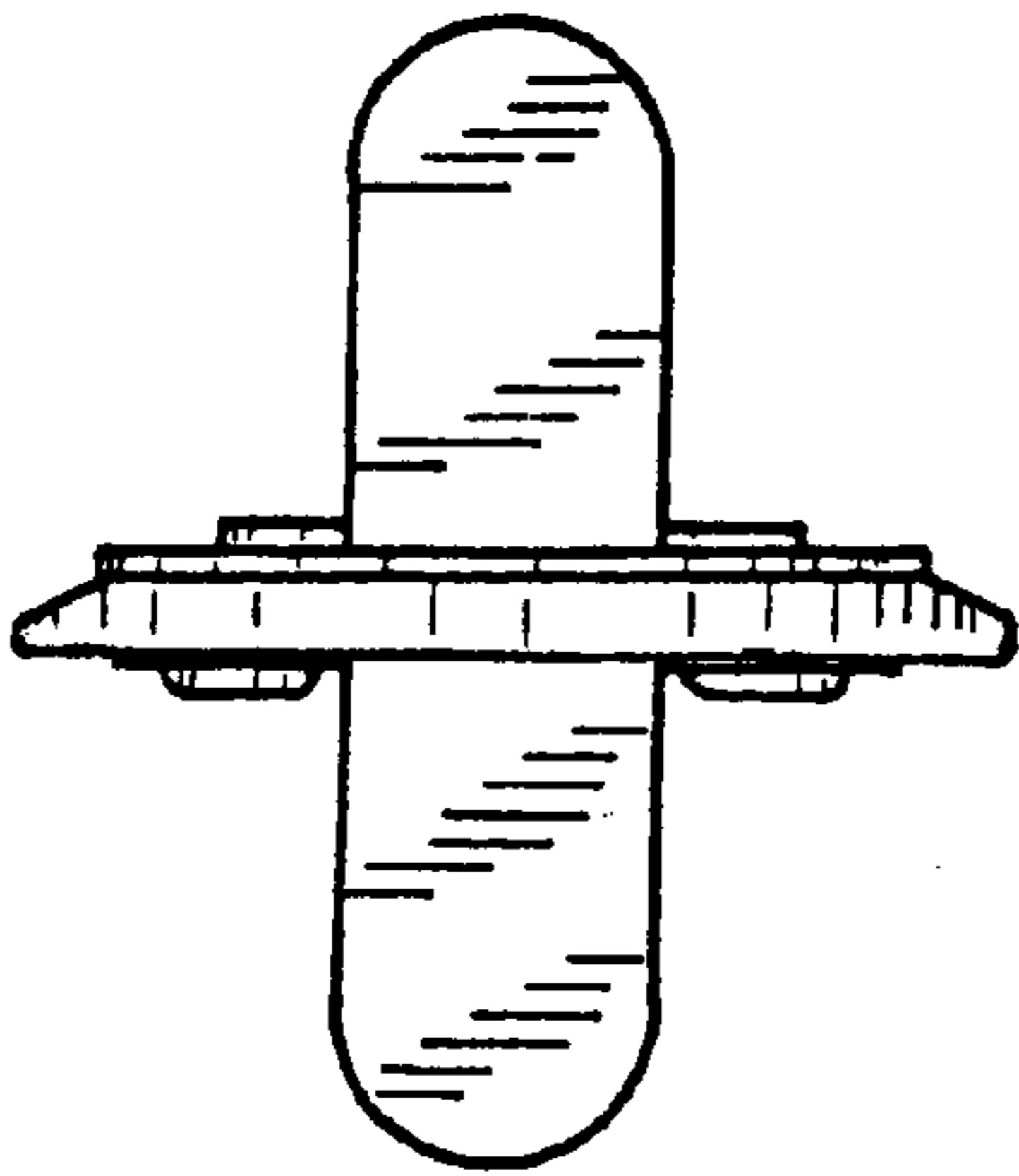


**FIG. 12**

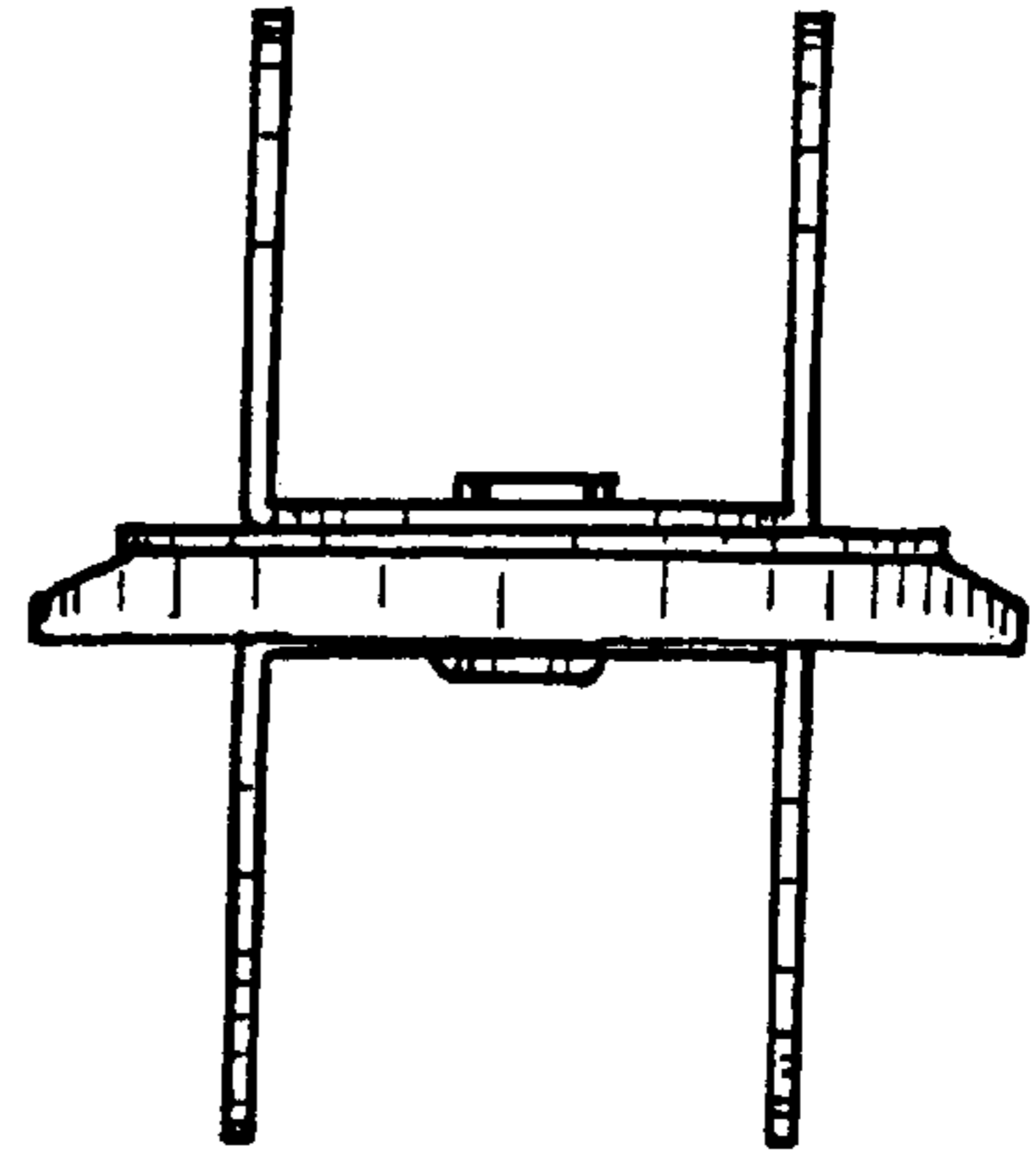




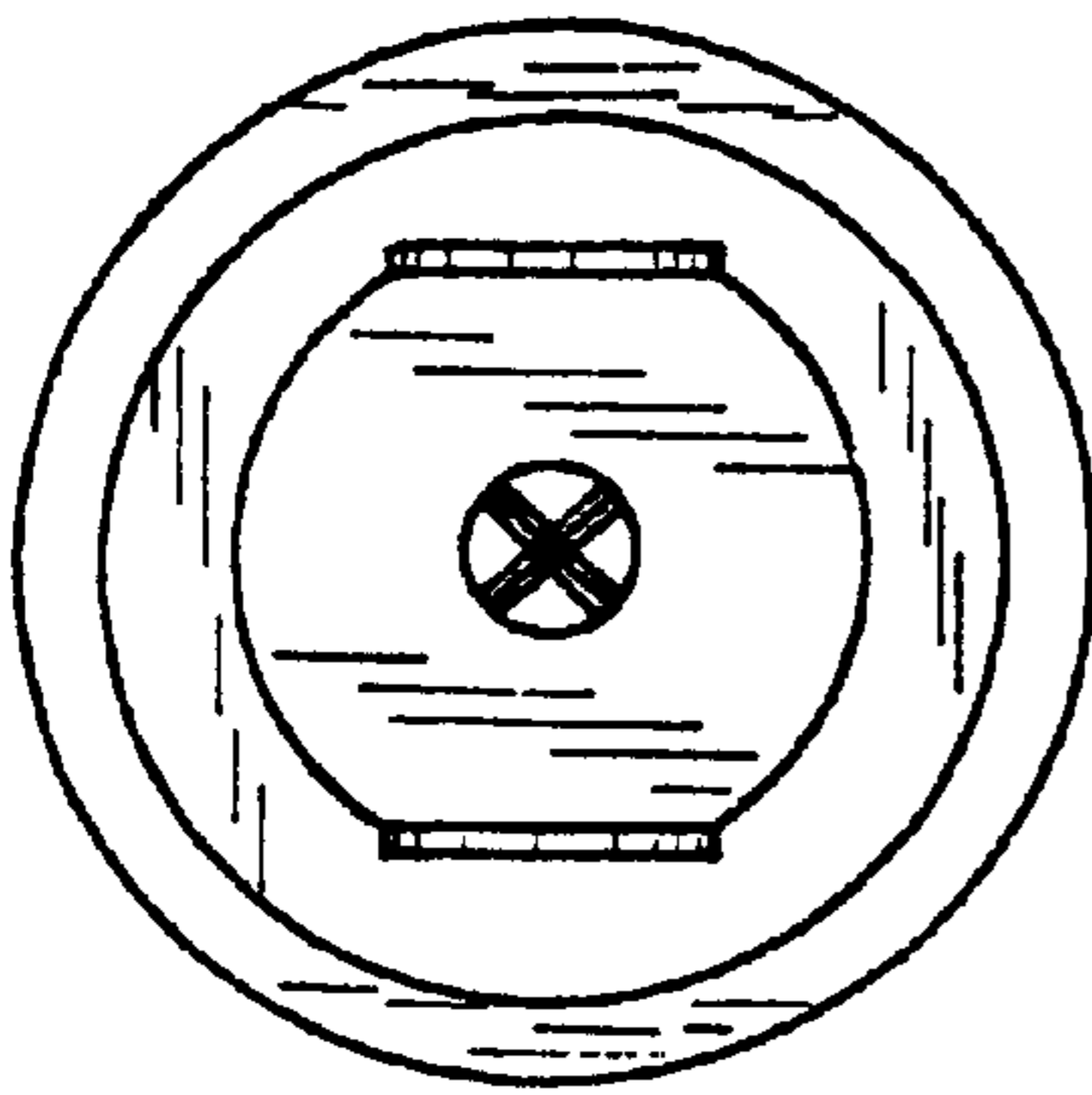
**FIG. 13**



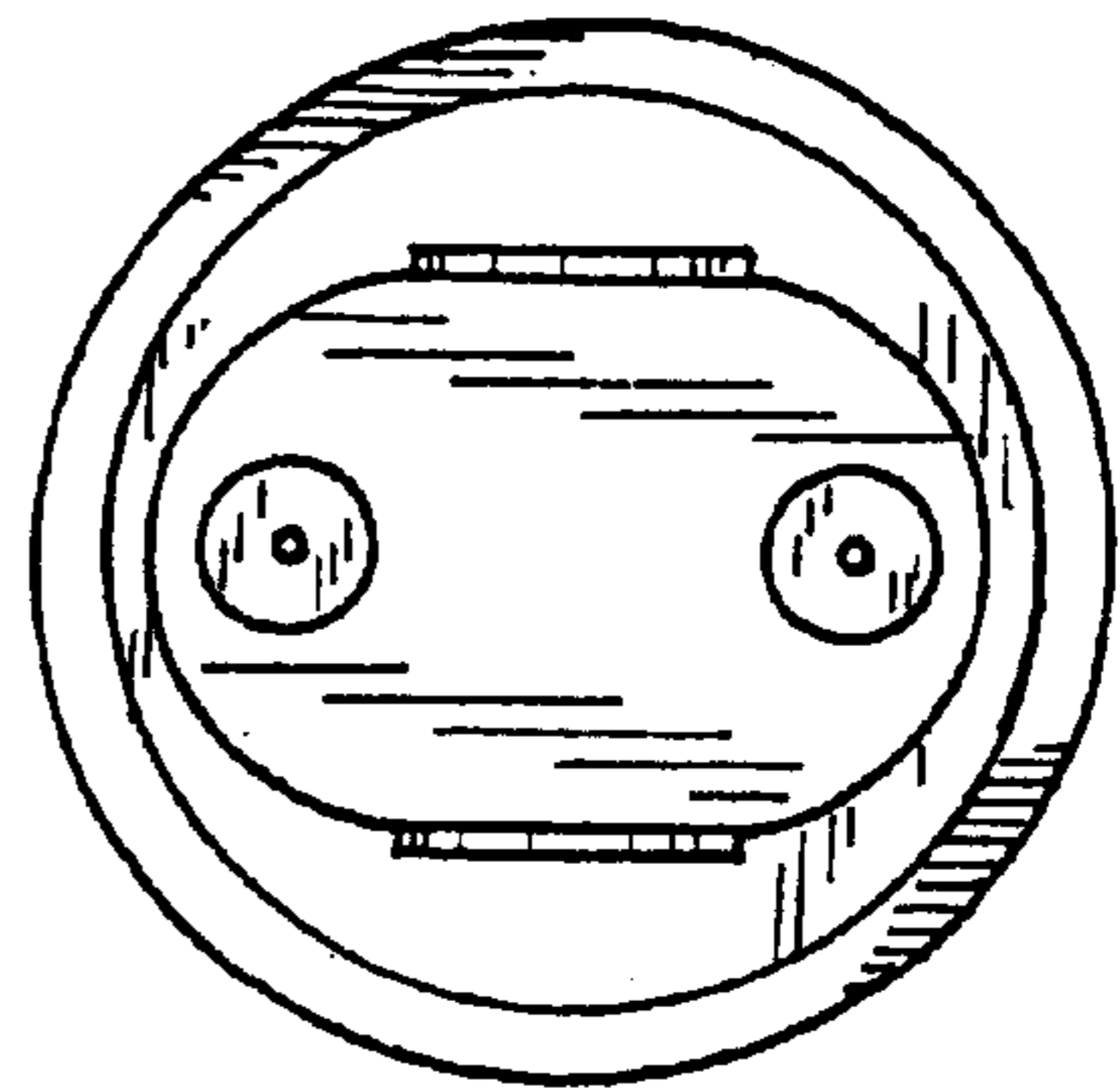
**FIG. 14**



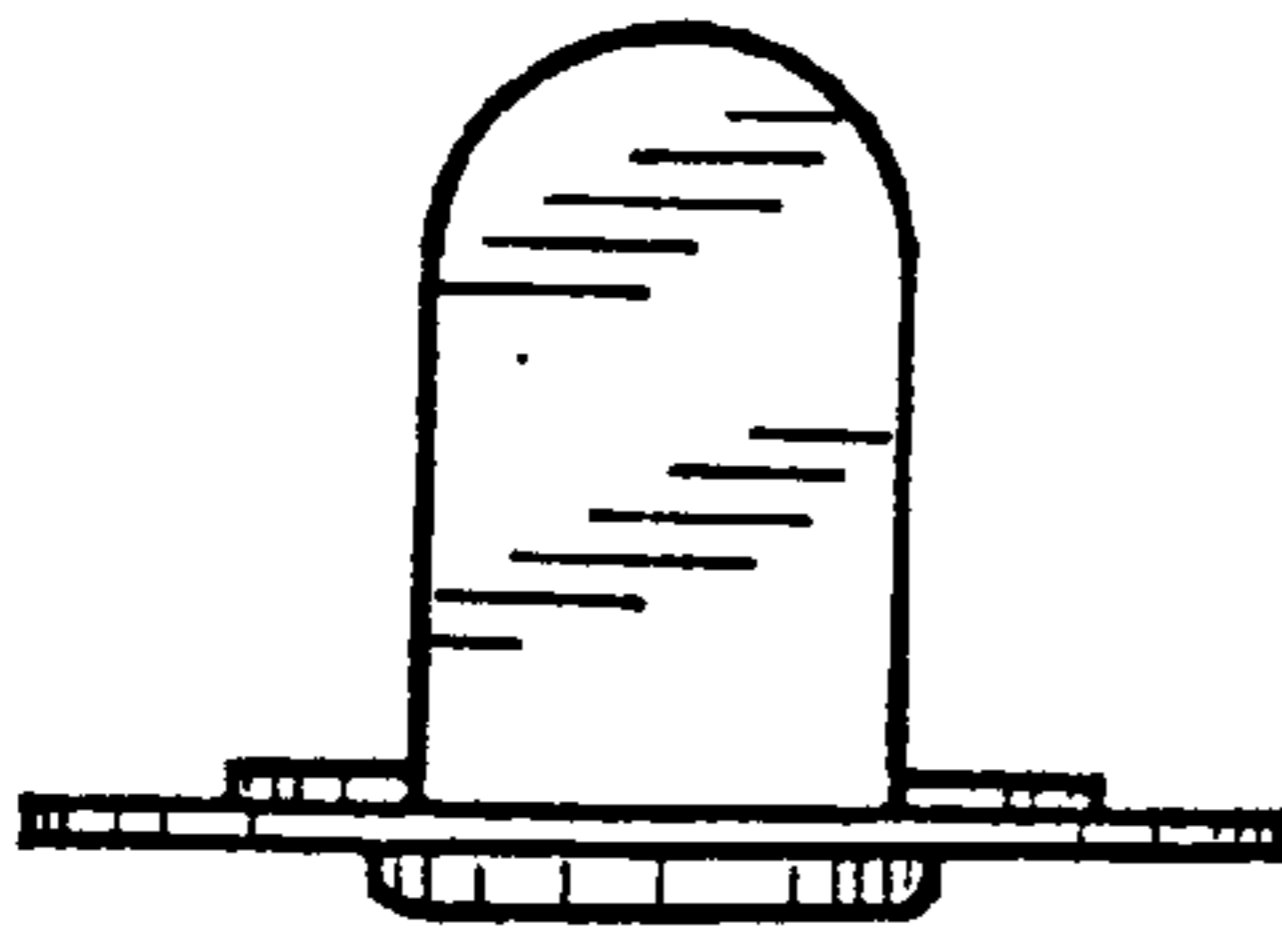
**FIG. 15**



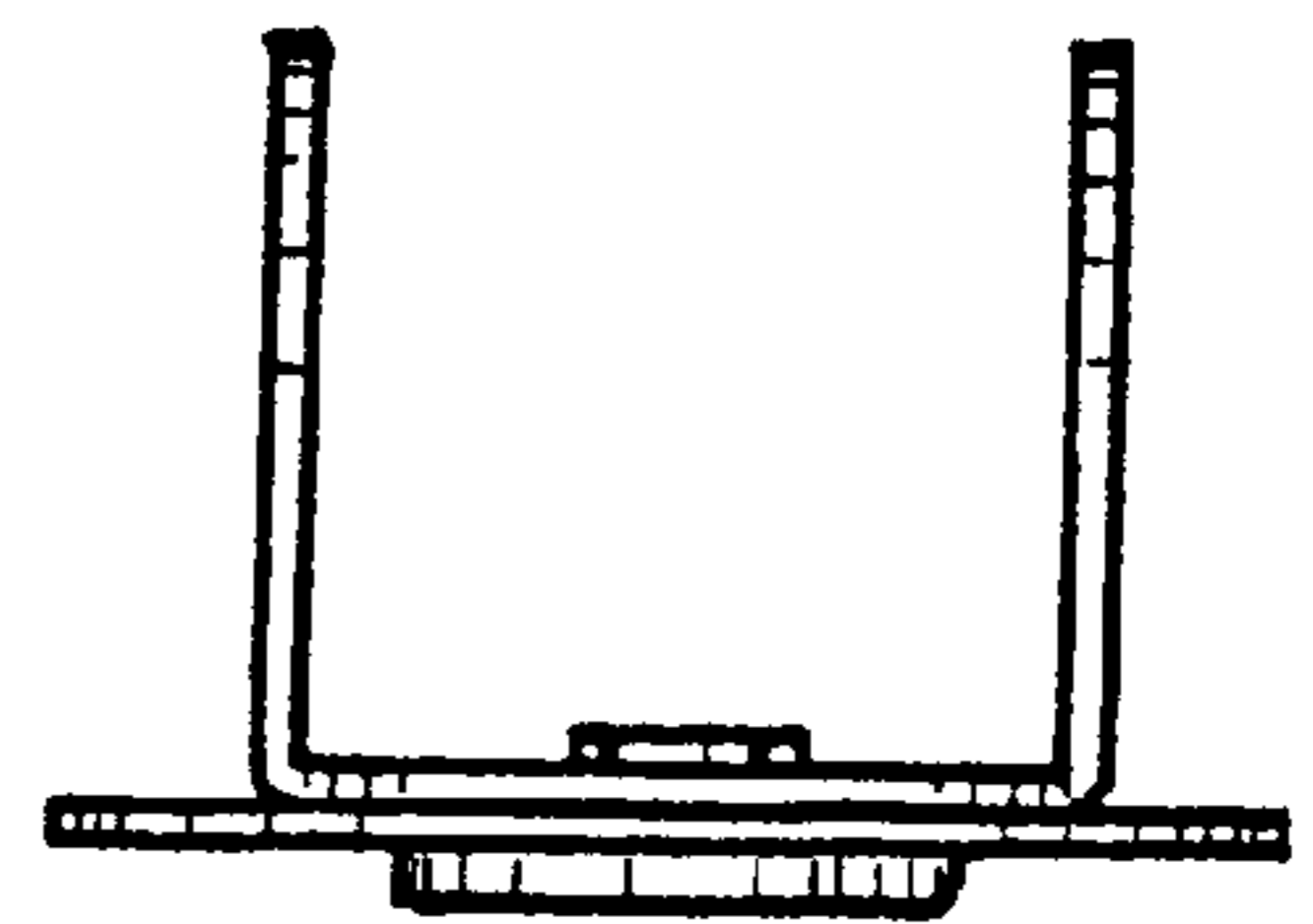
**FIG. 16**



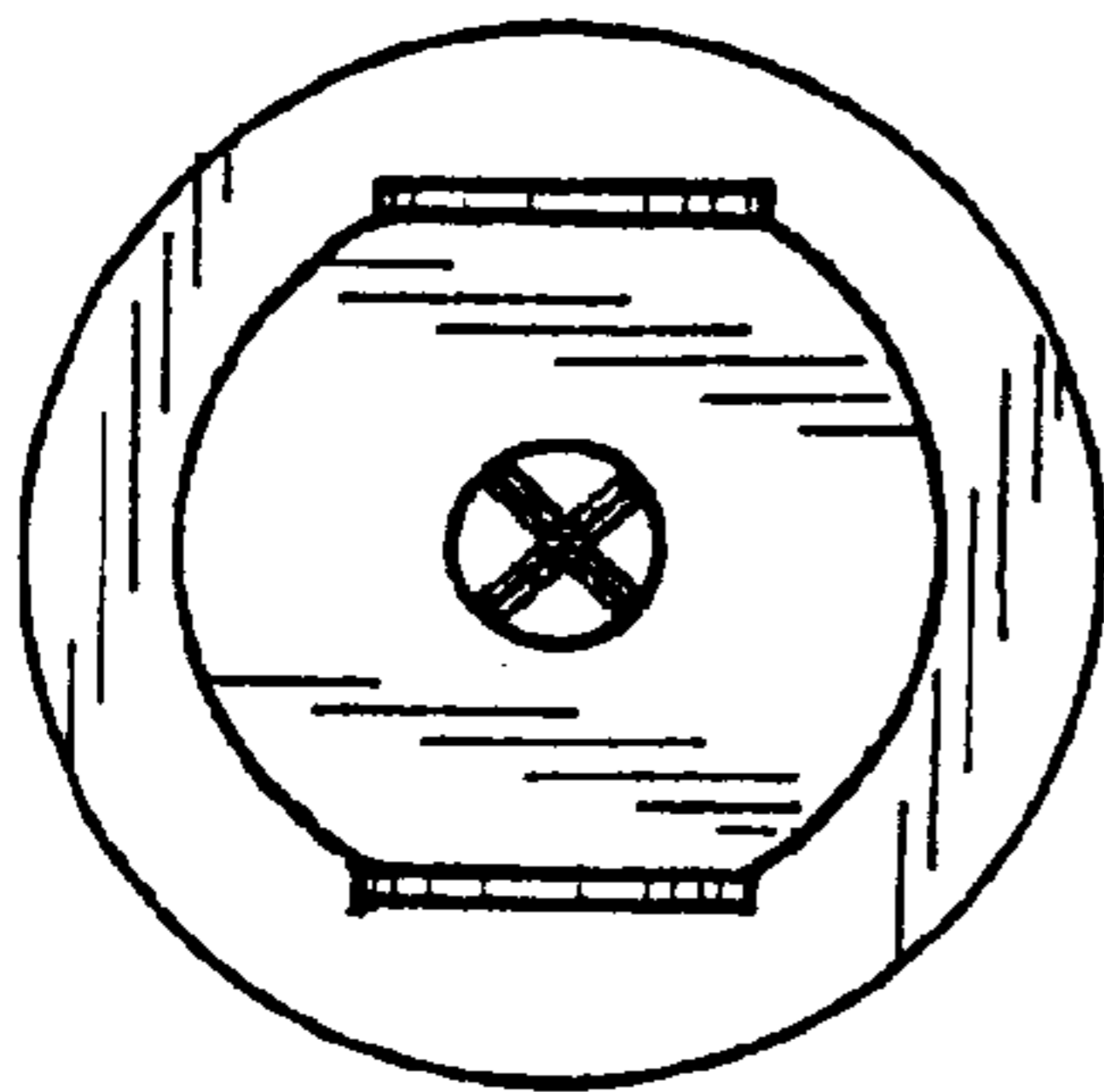
**FIG. 17**



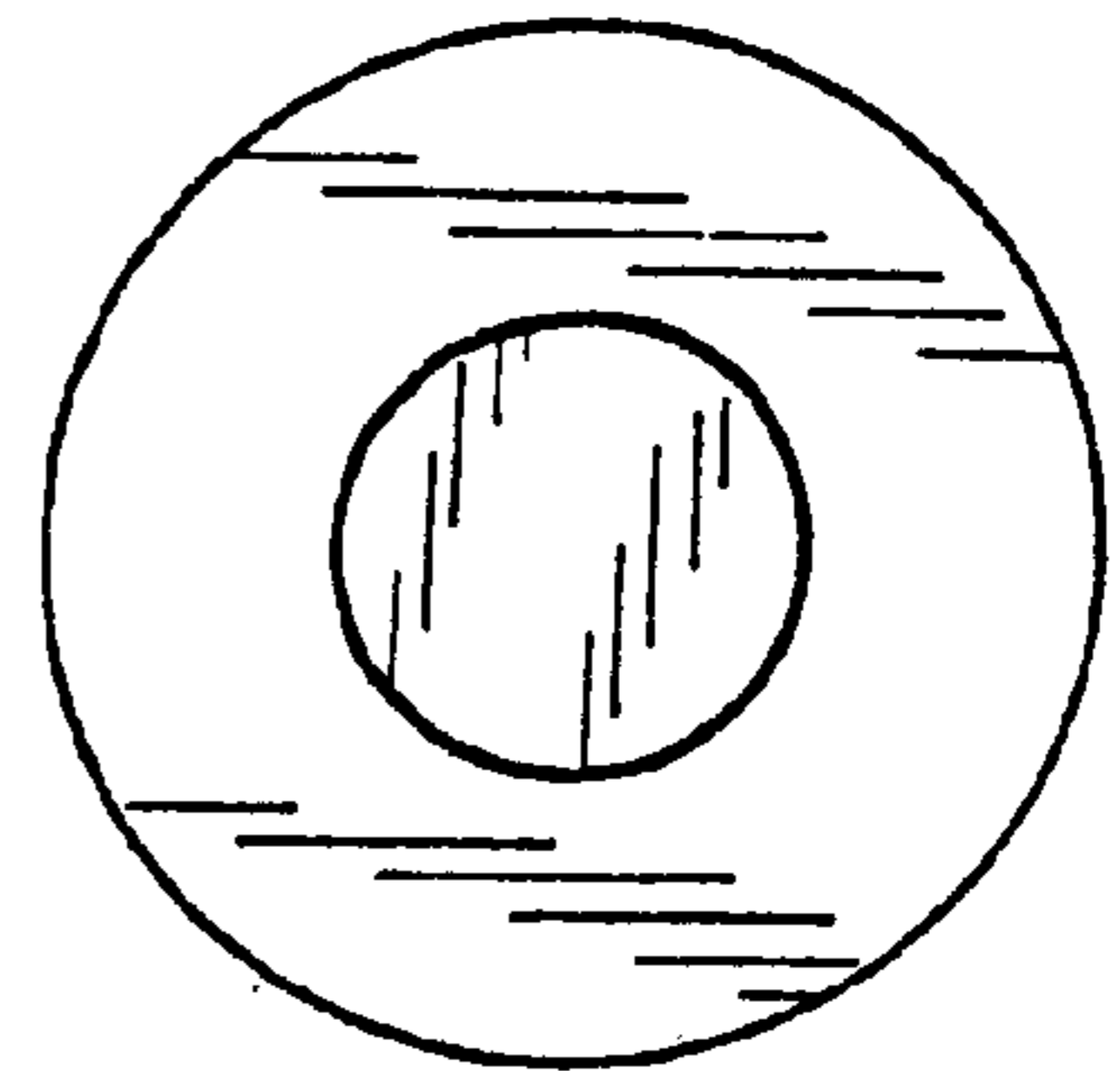
**FIG. 18**



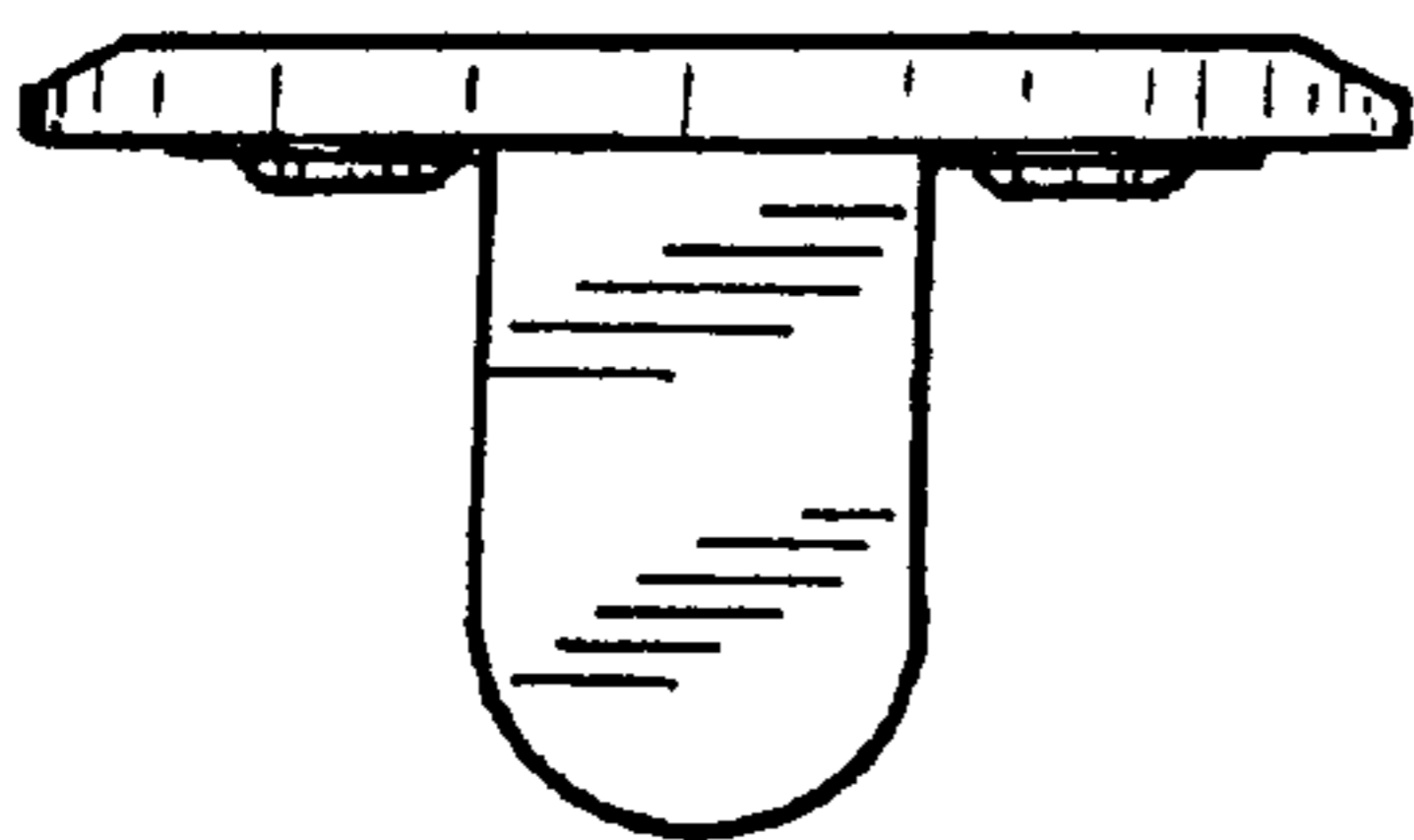
**FIG. 19**



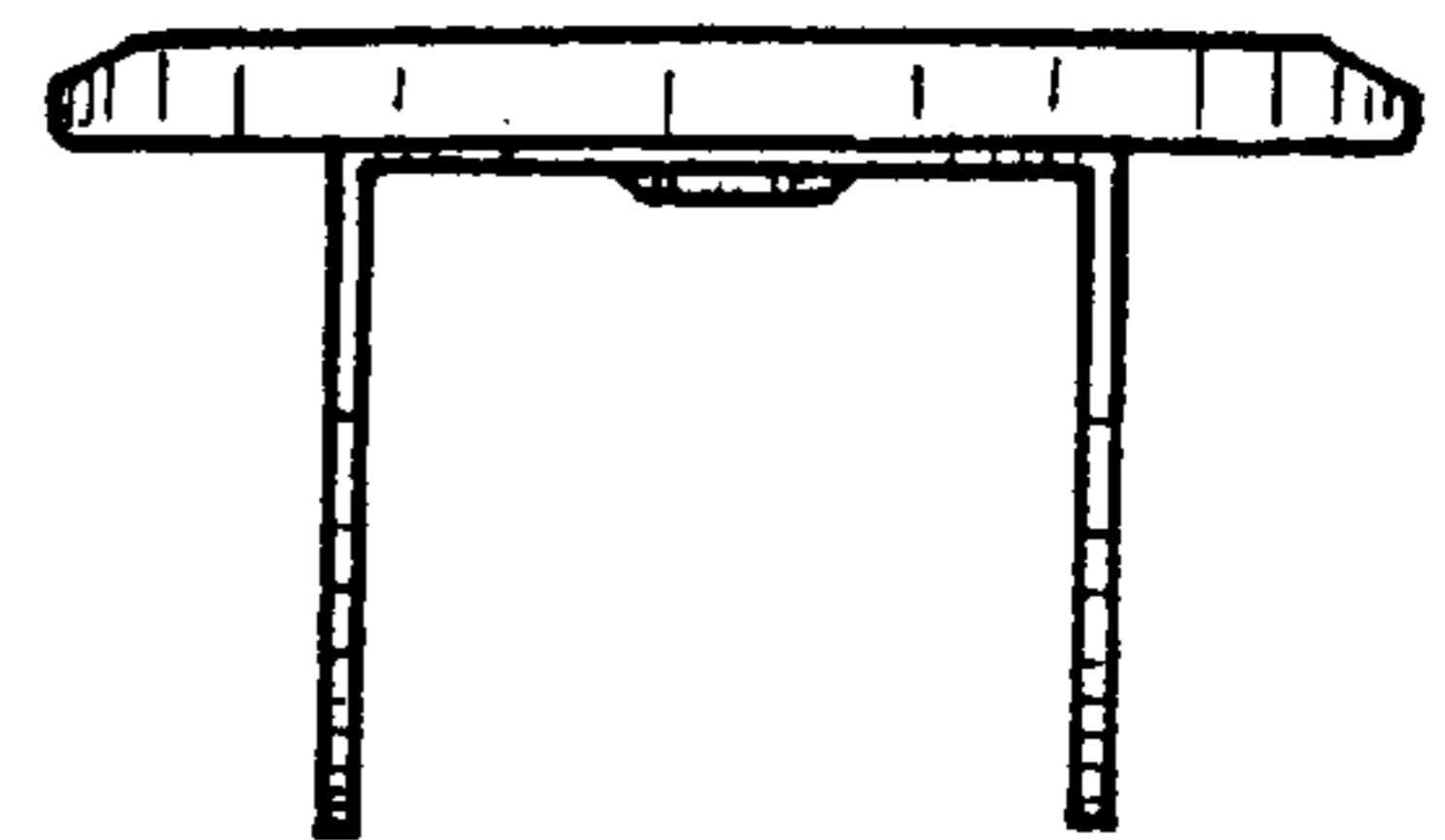
**FIG. 20**



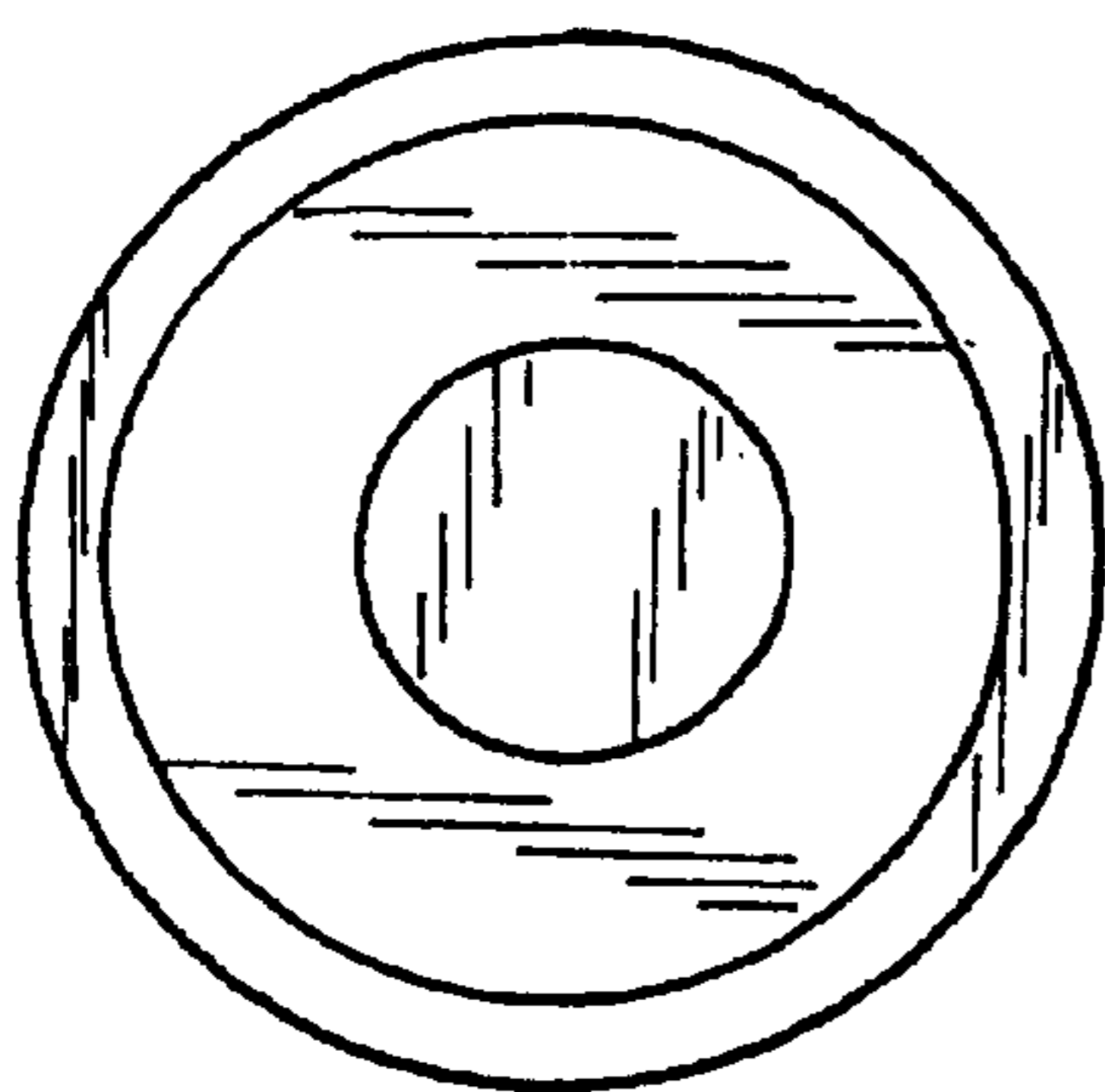
**FIG. 21**



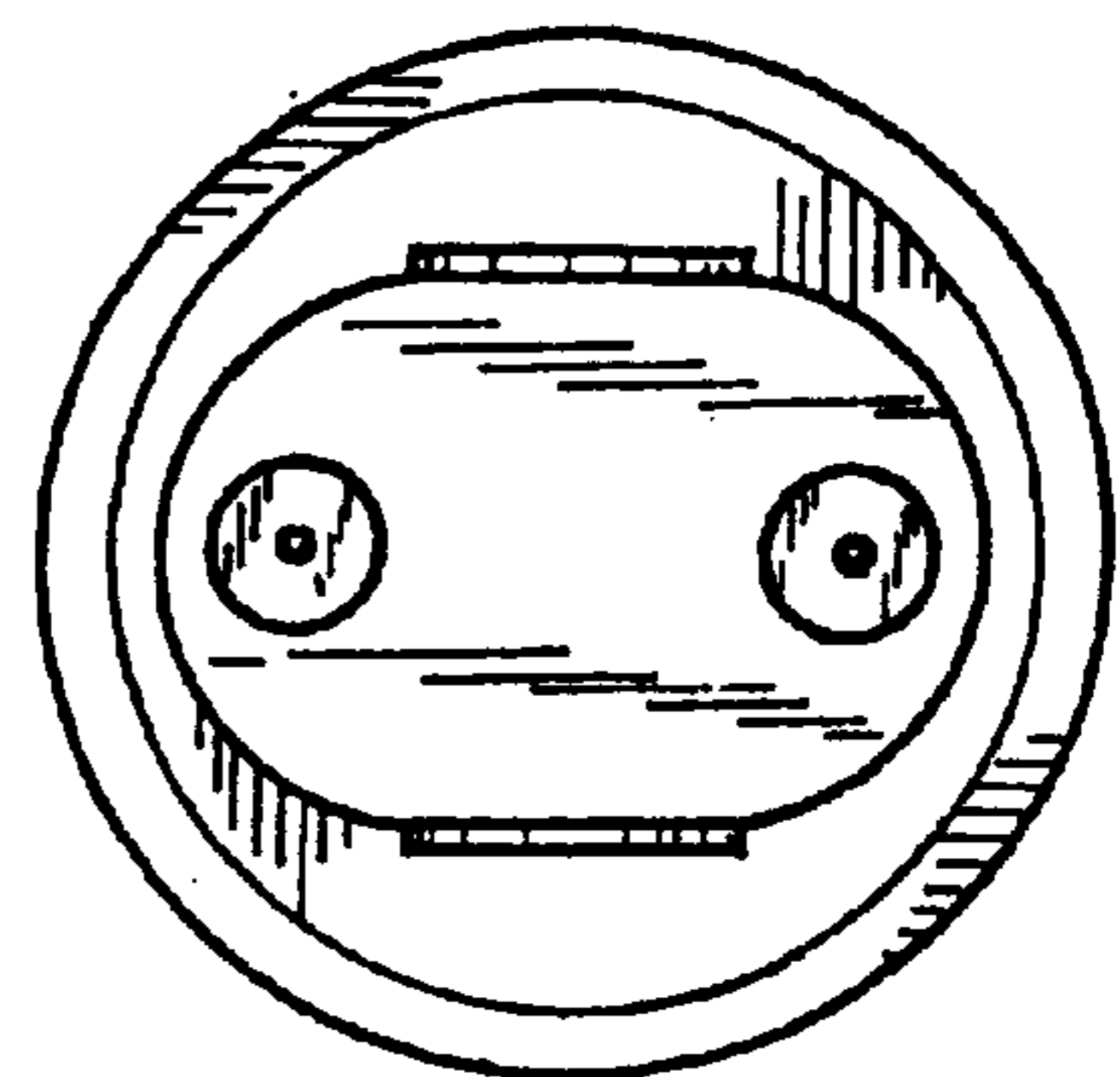
**FIG. 22**



**FIG. 23**

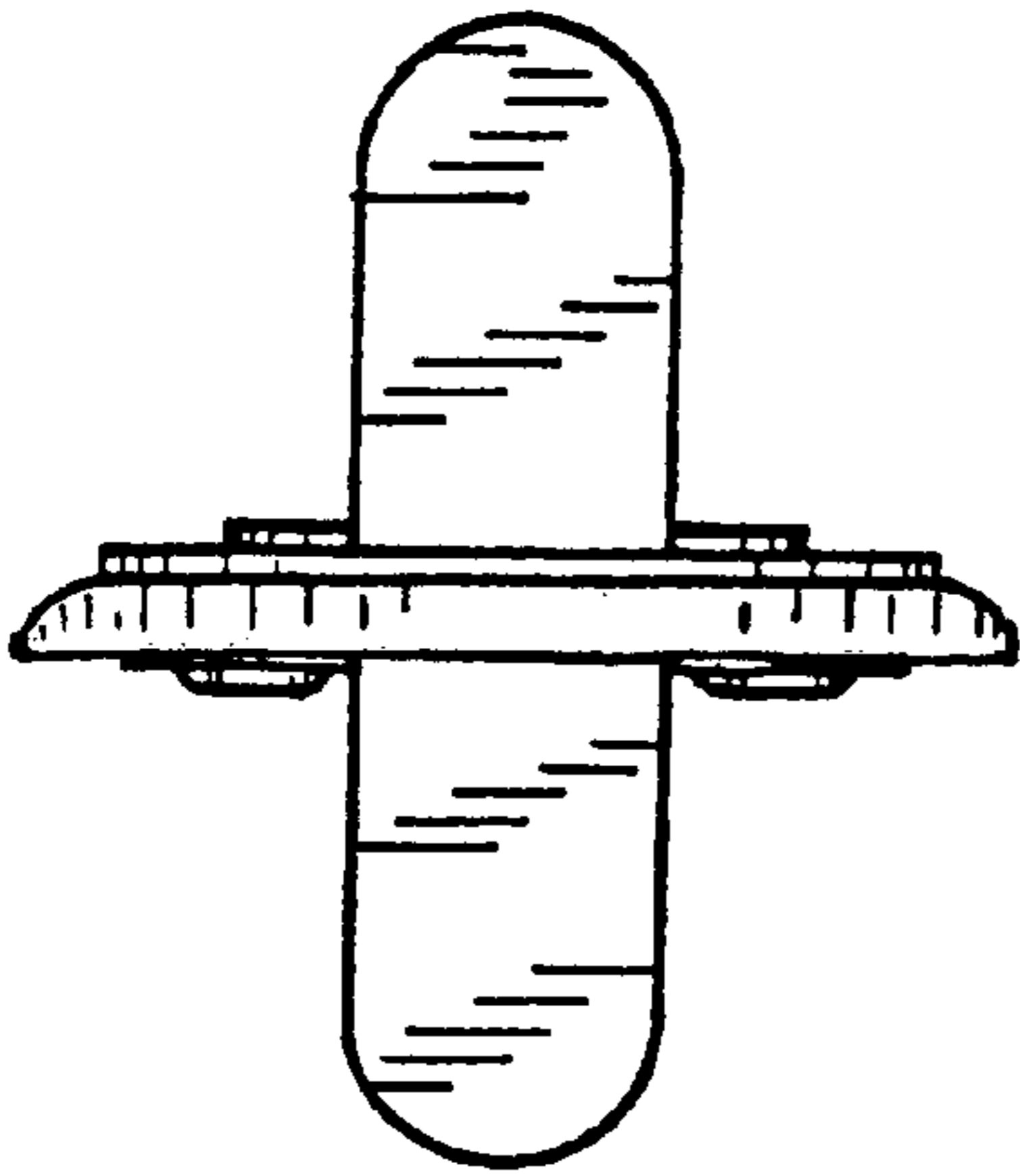


**FIG. 24**

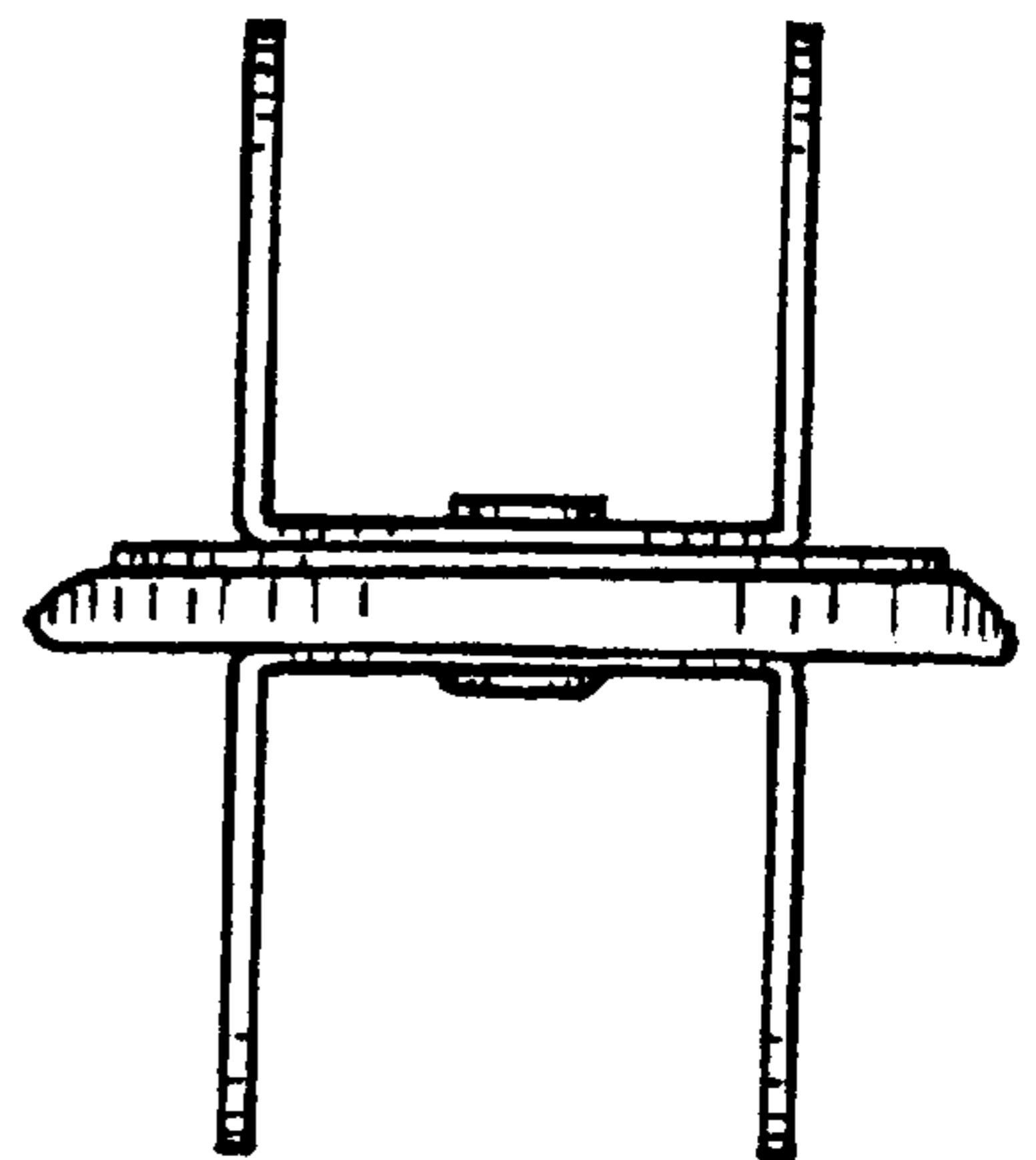




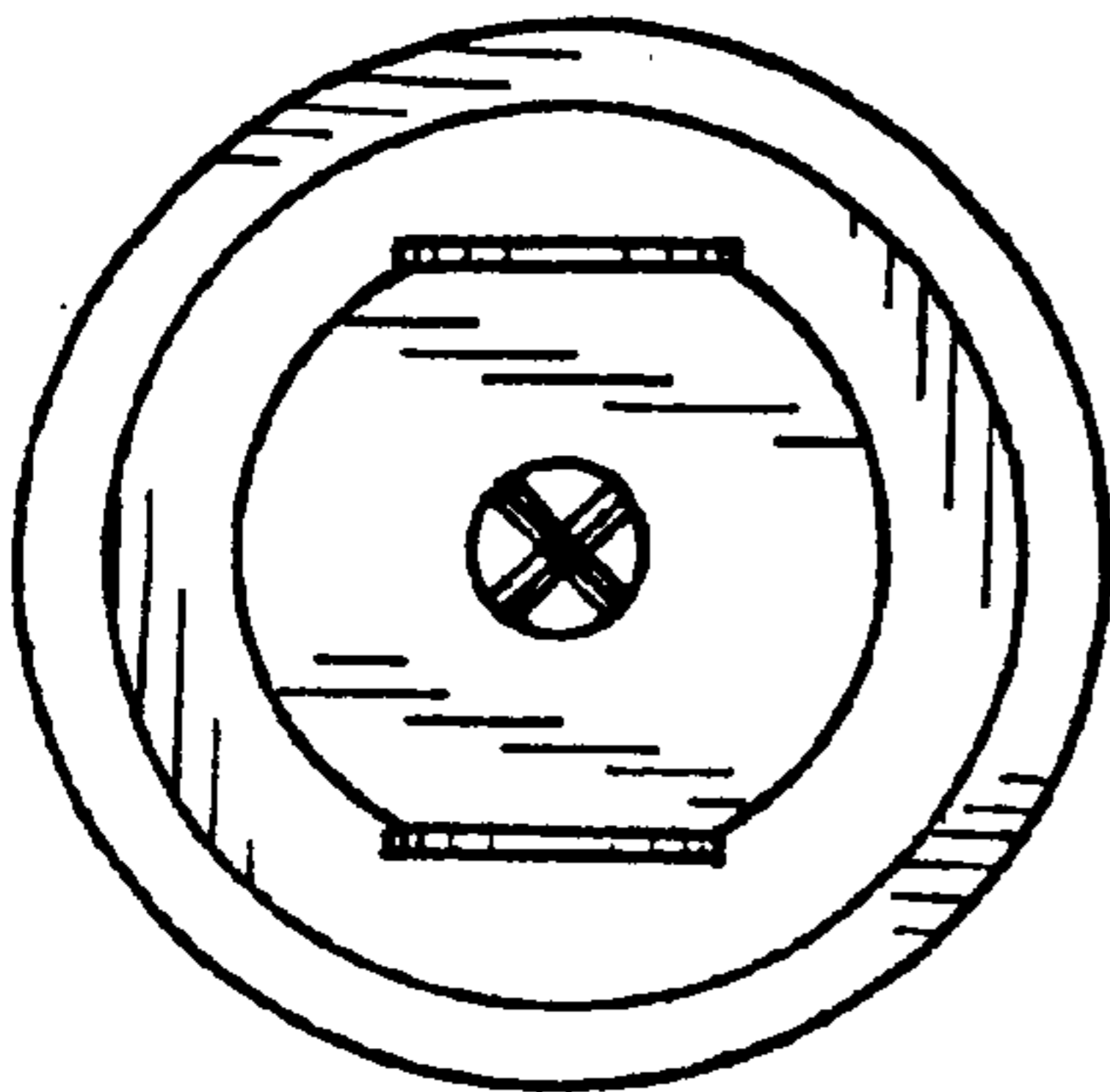
**FIG. 25**



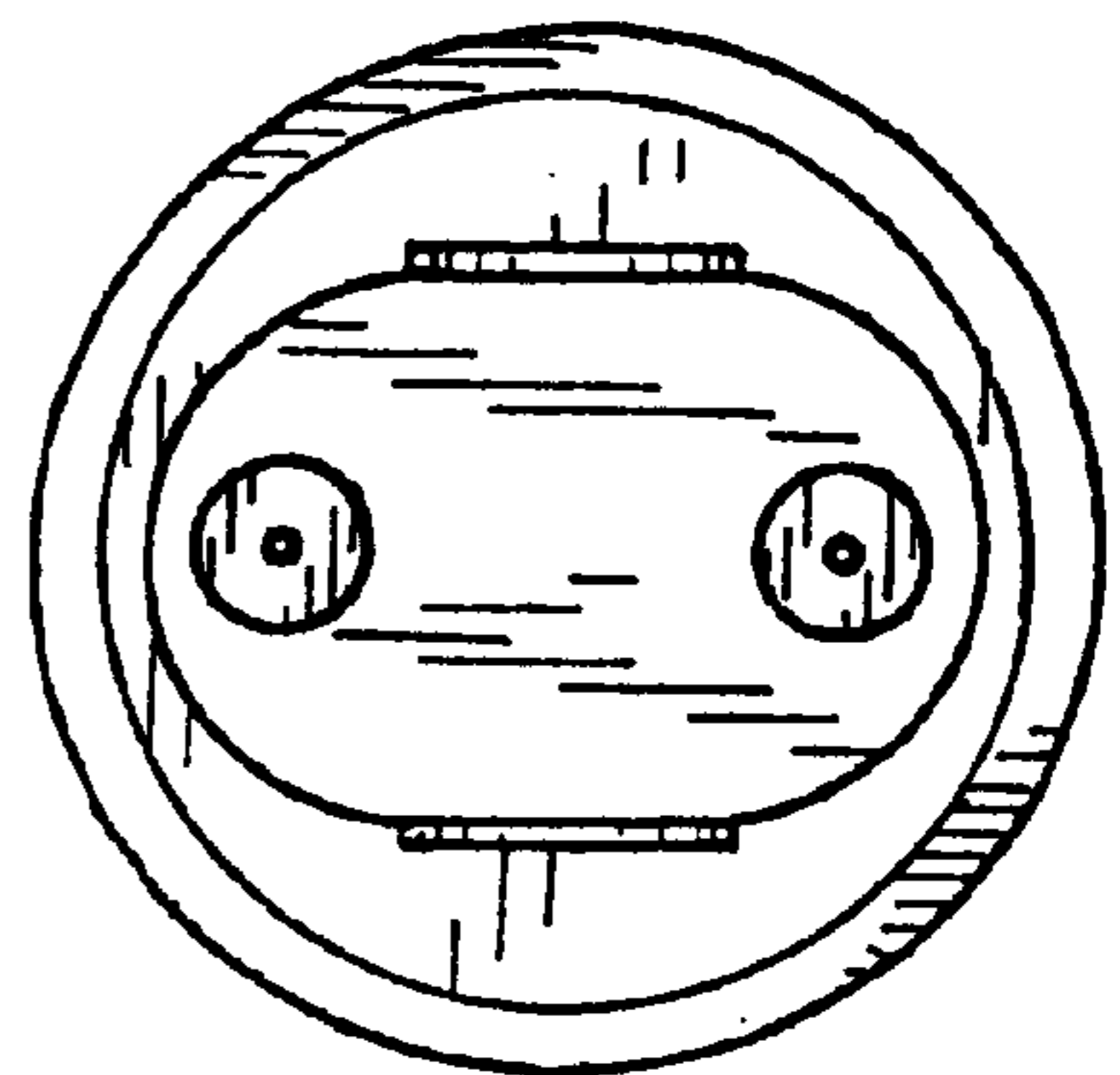
**FIG. 26**



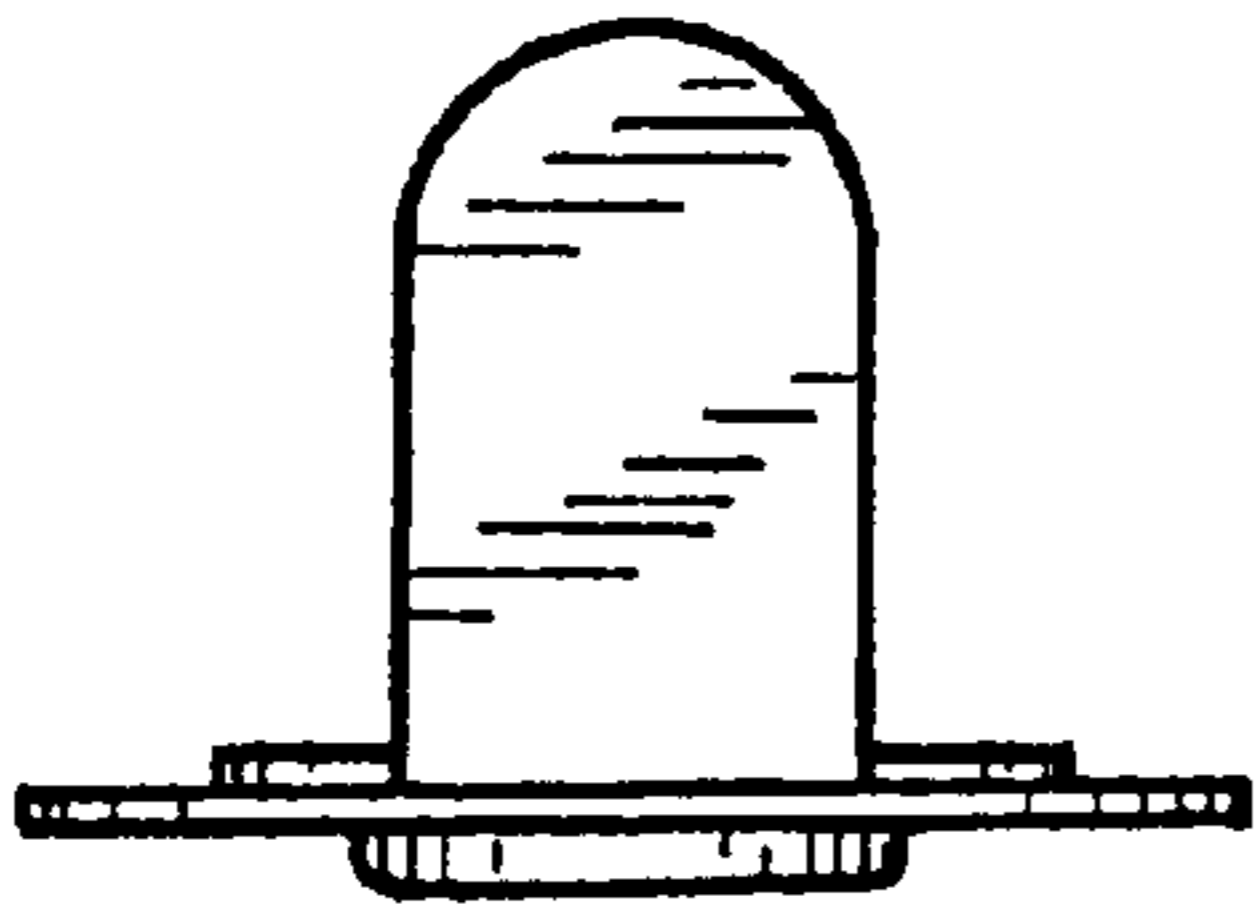
**FIG. 27**



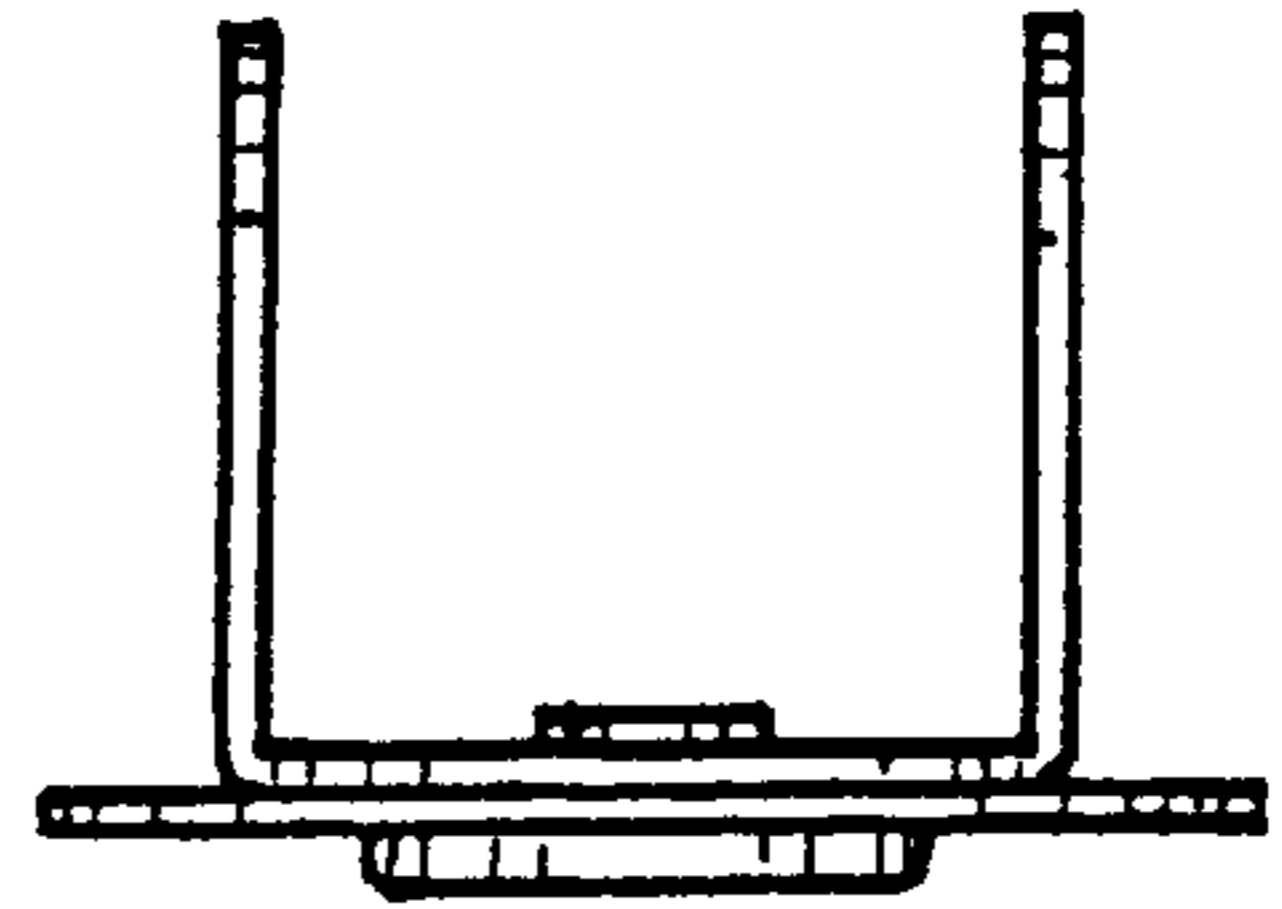
**FIG. 28**



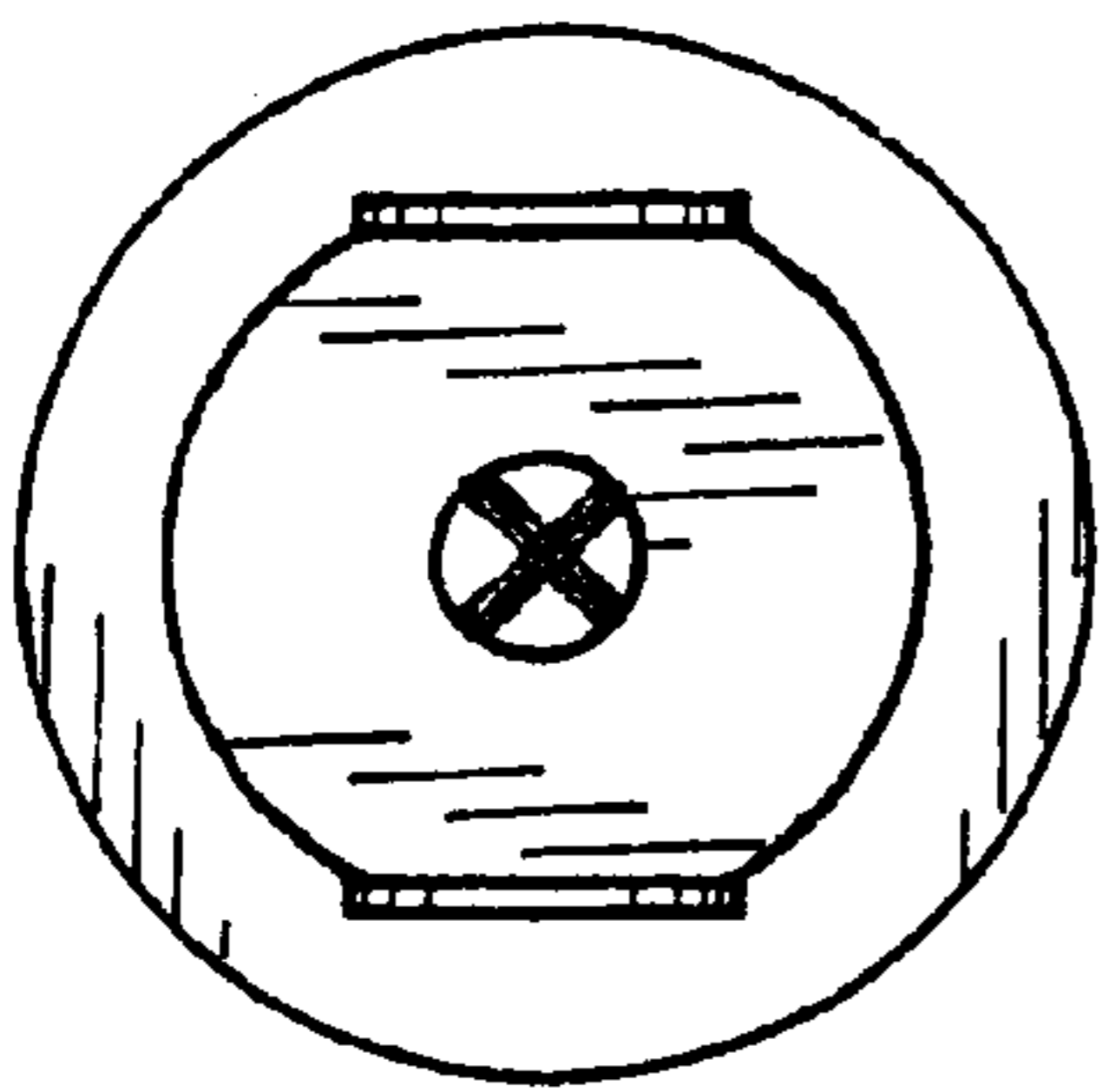
**FIG. 29**



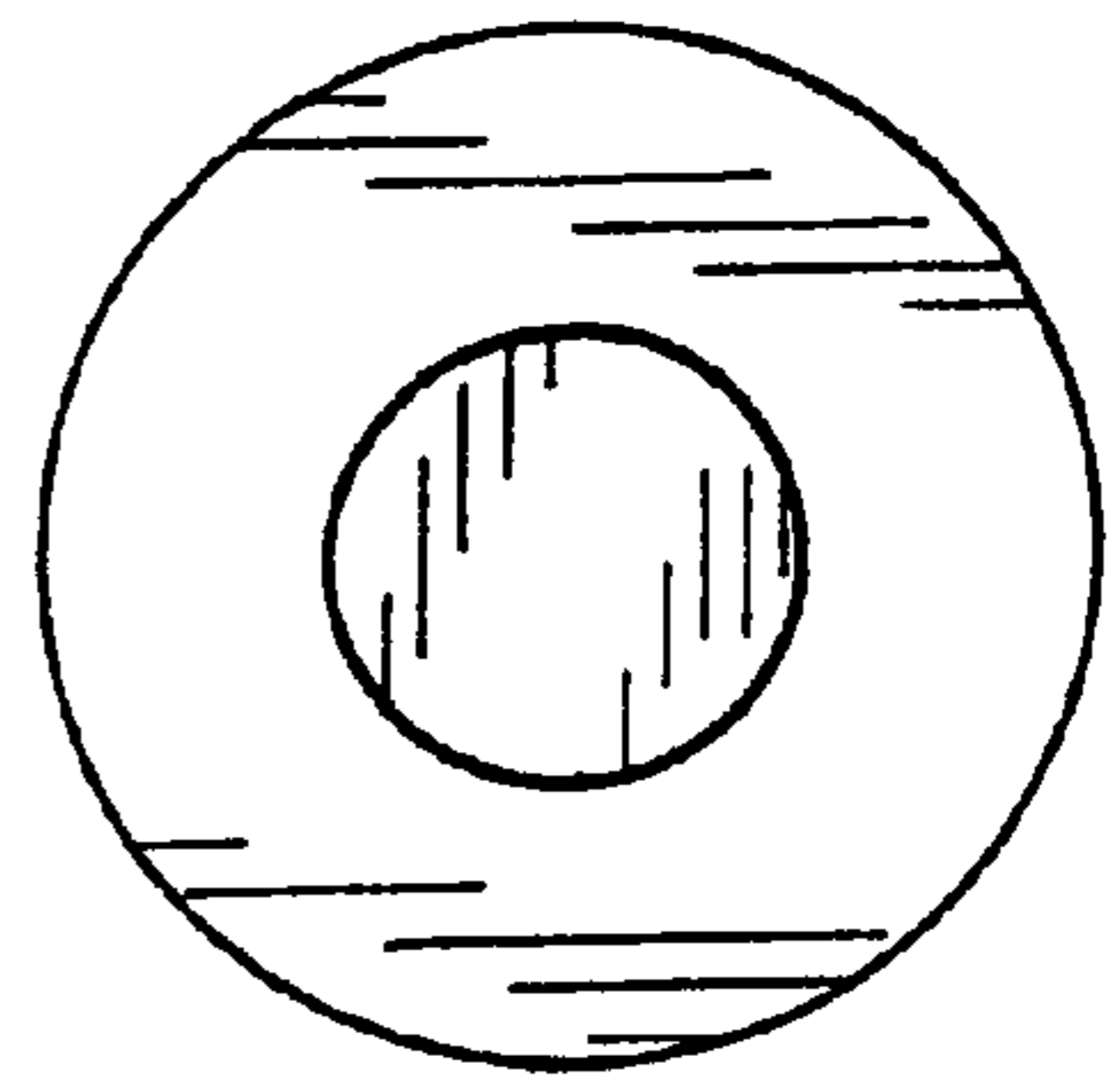
**FIG. 30**



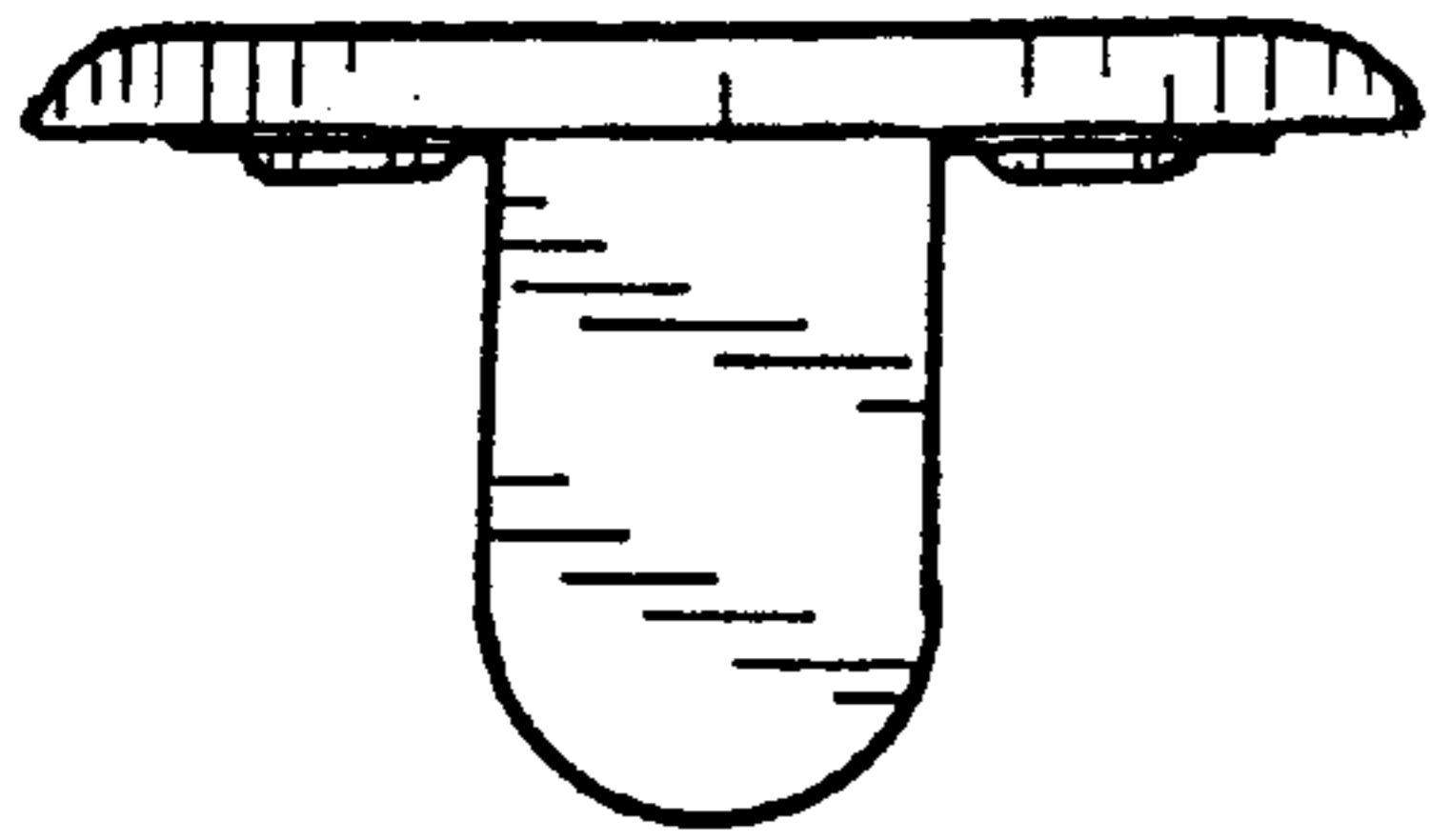
**FIG. 31**



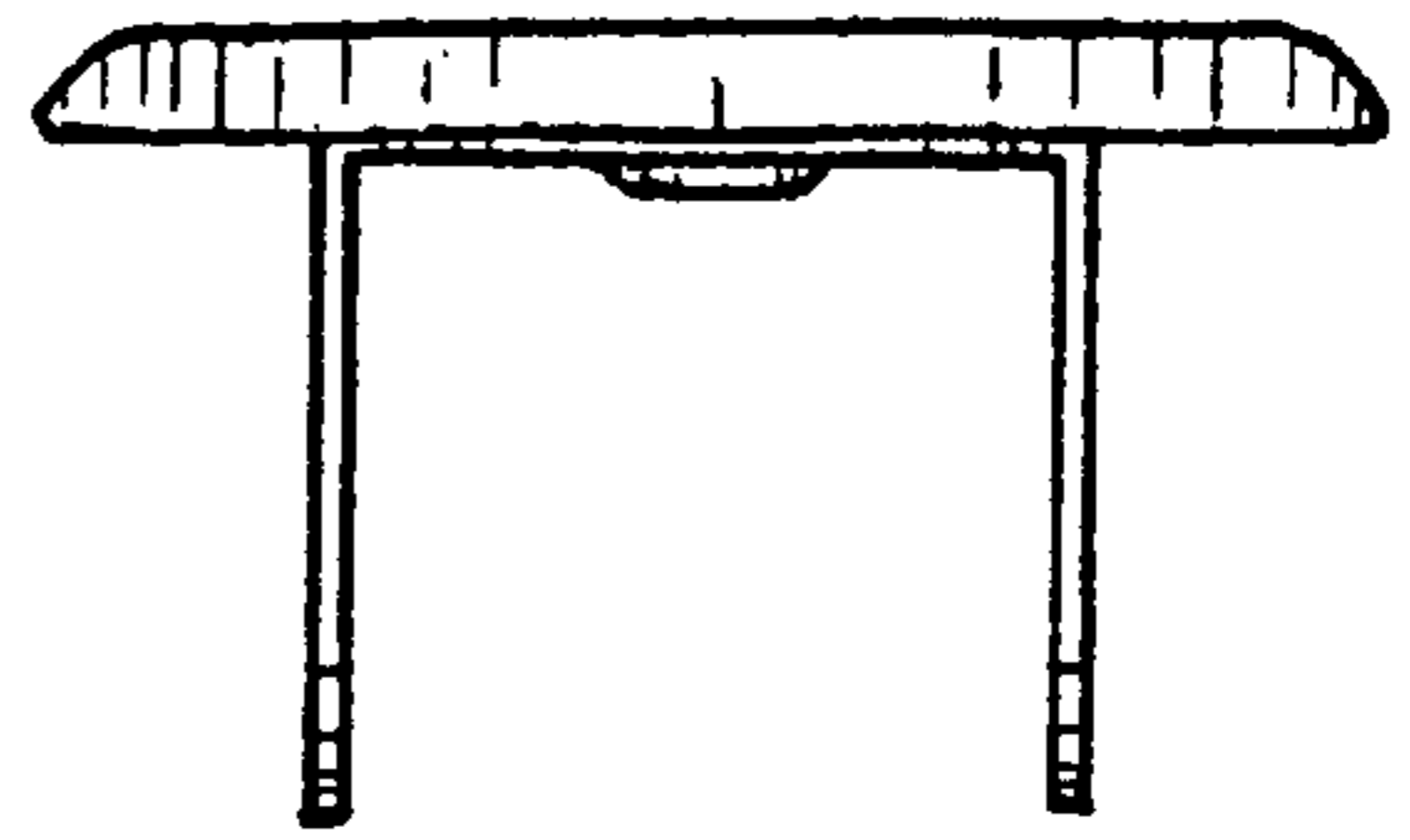
**FIG. 32**



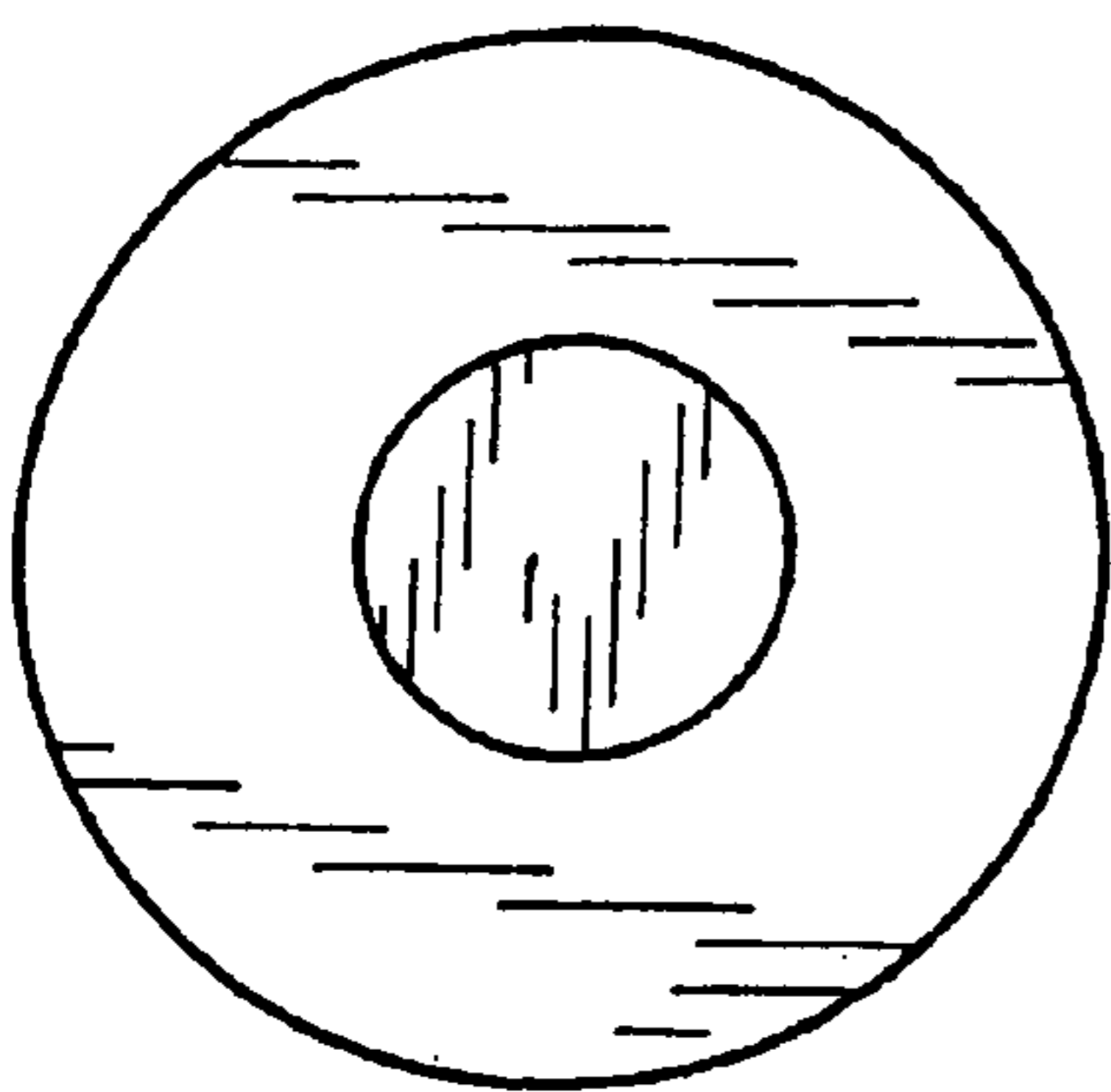
**FIG. 33**



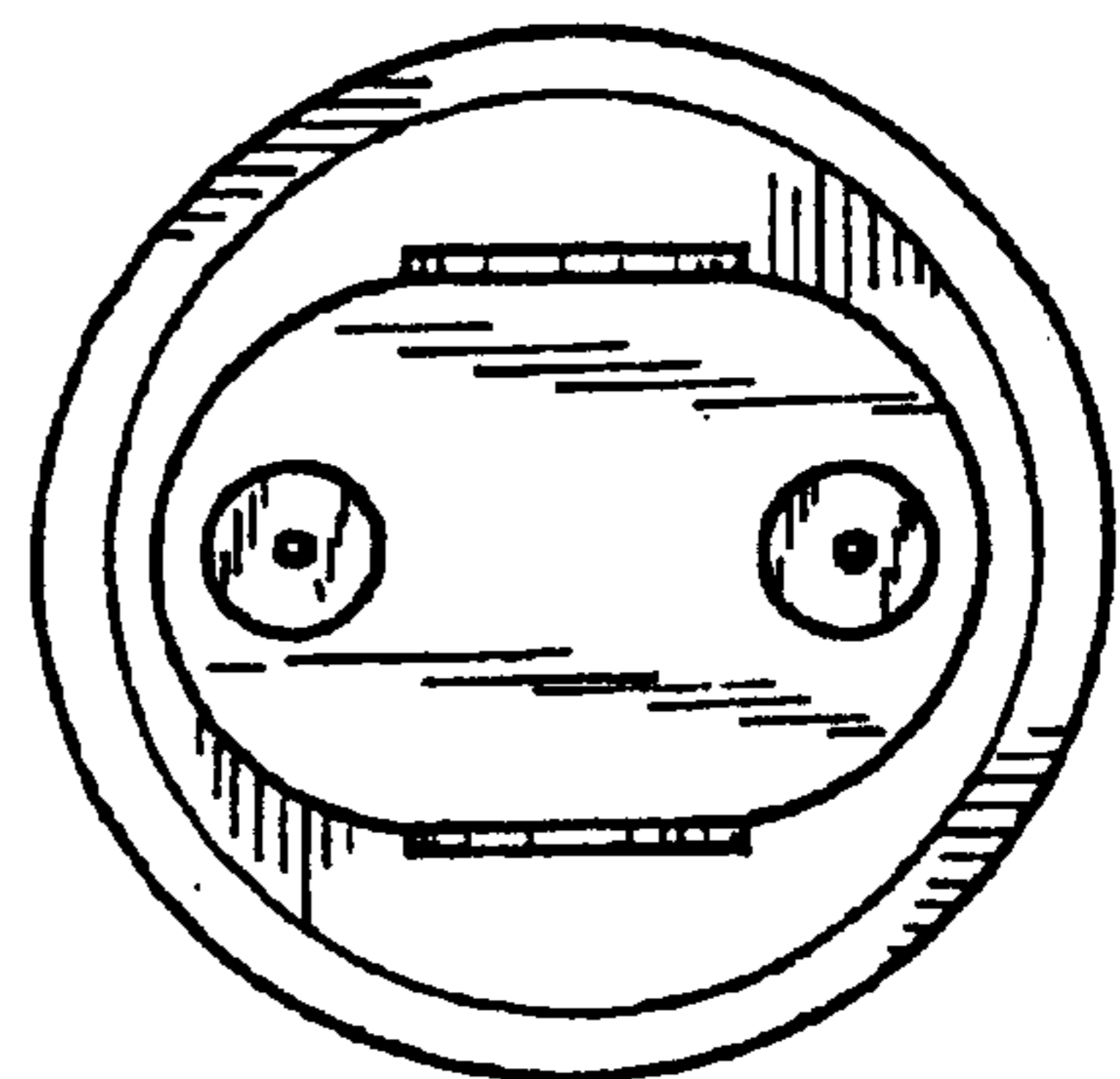
**FIG. 34**



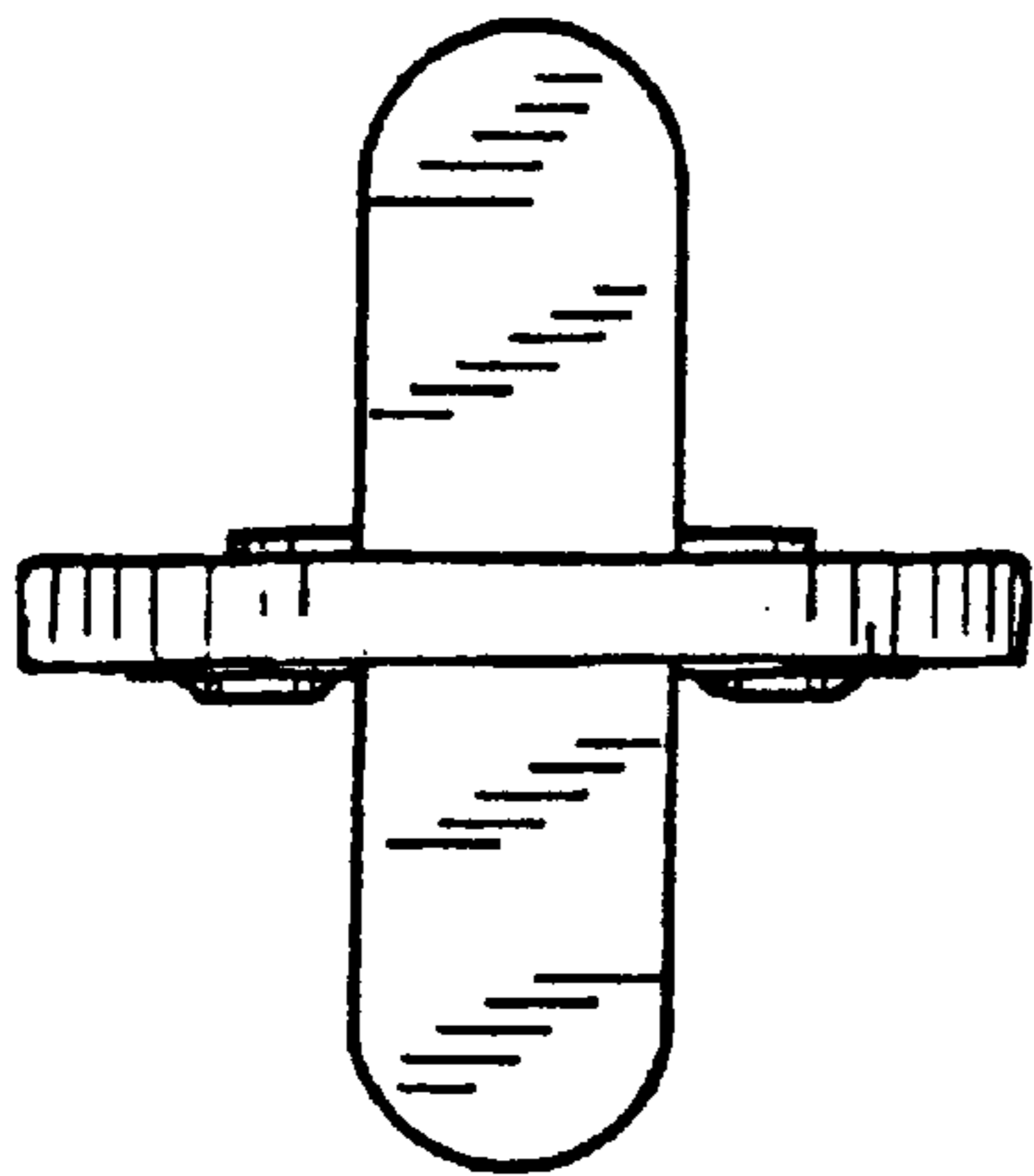
**FIG. 35**



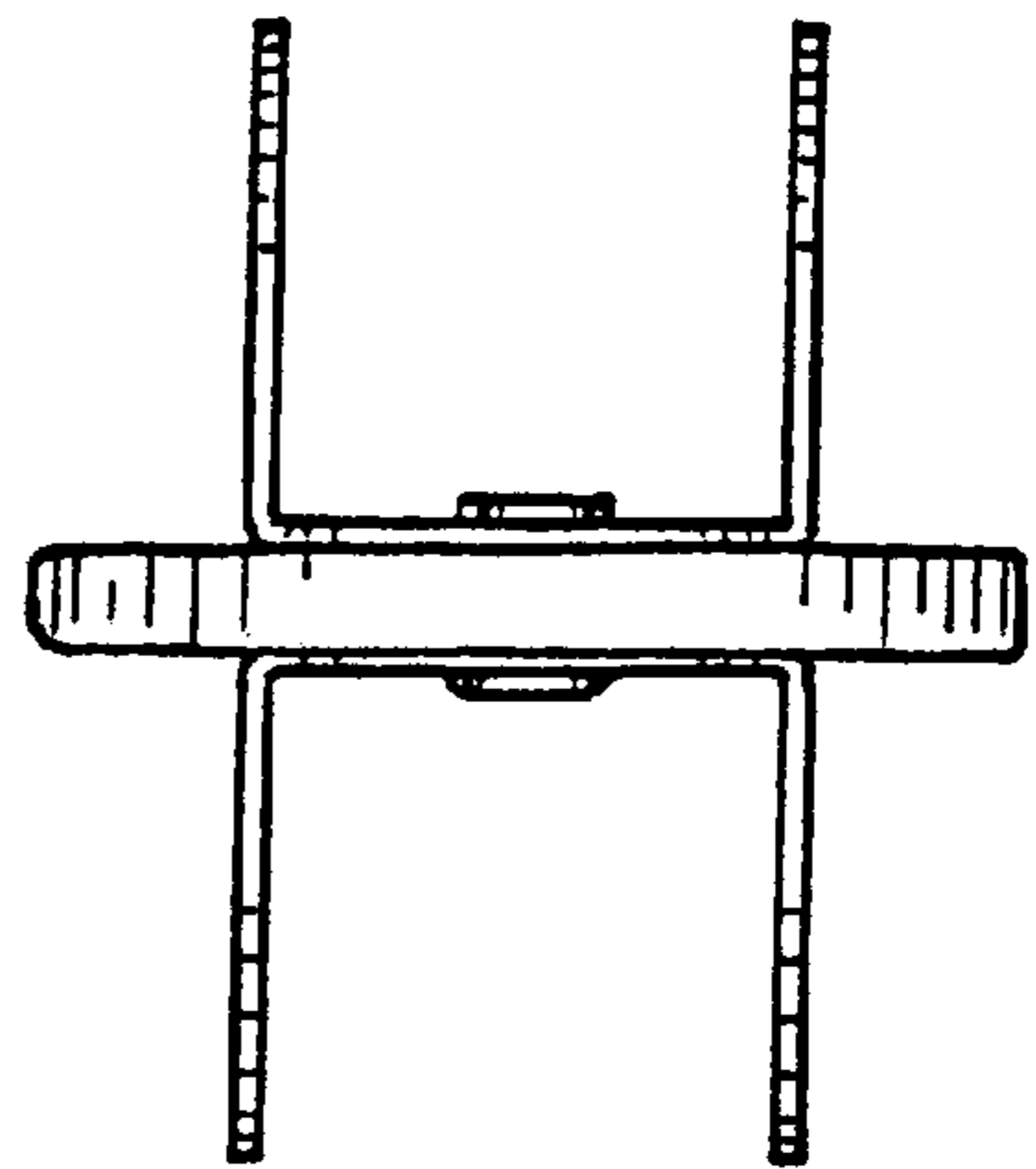
**FIG. 36**



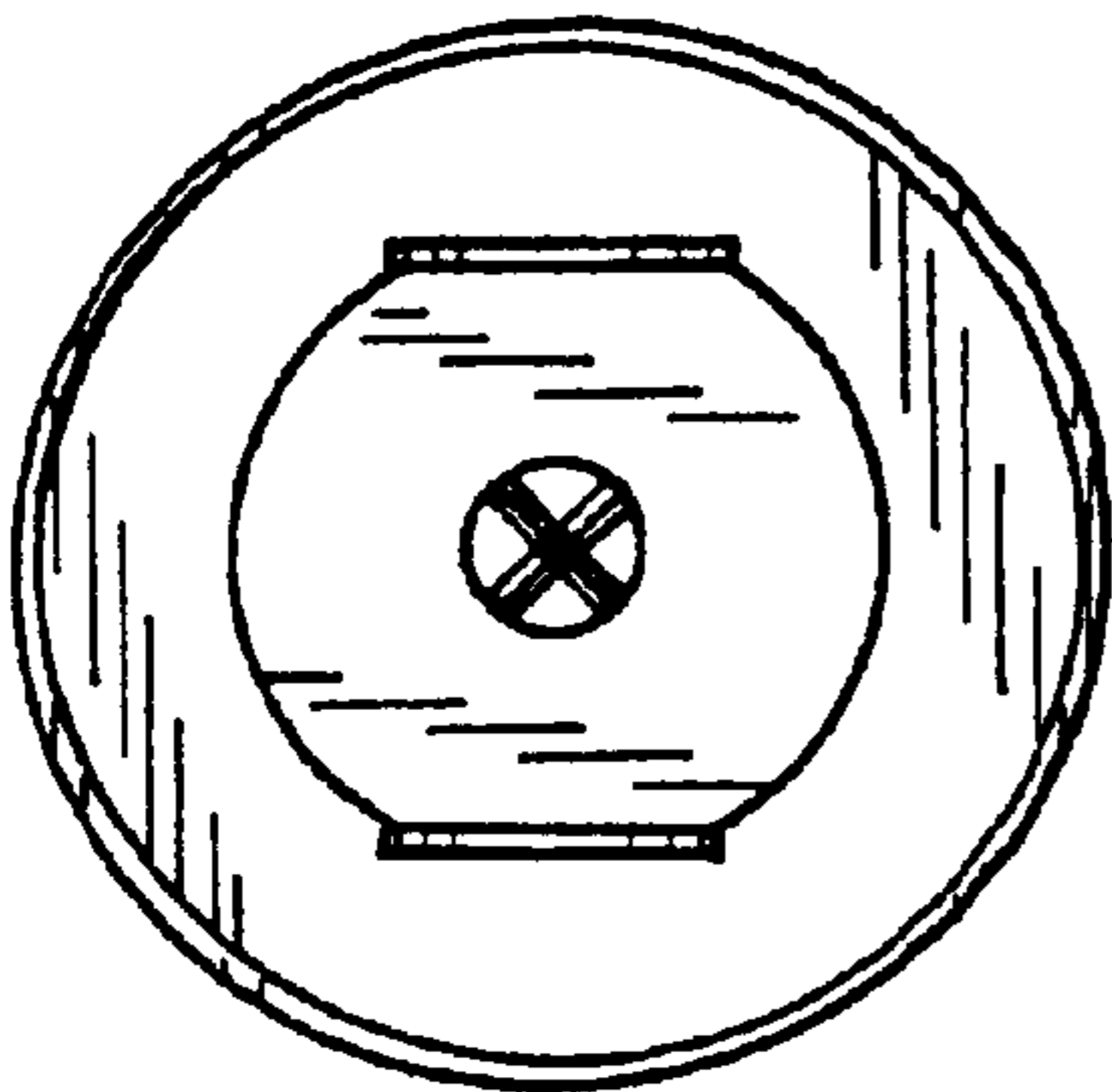
**FIG. 37**



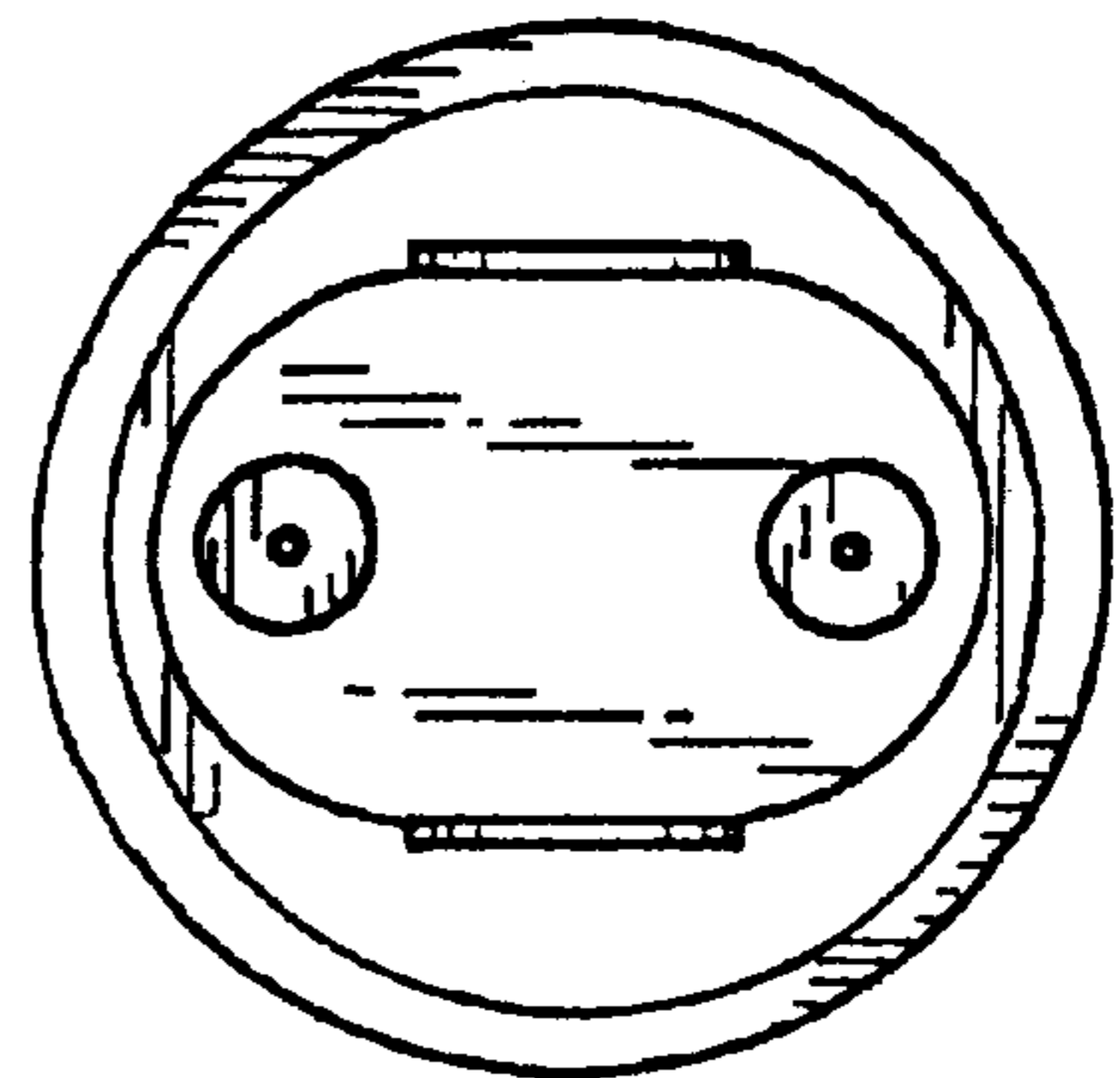
**FIG. 38**



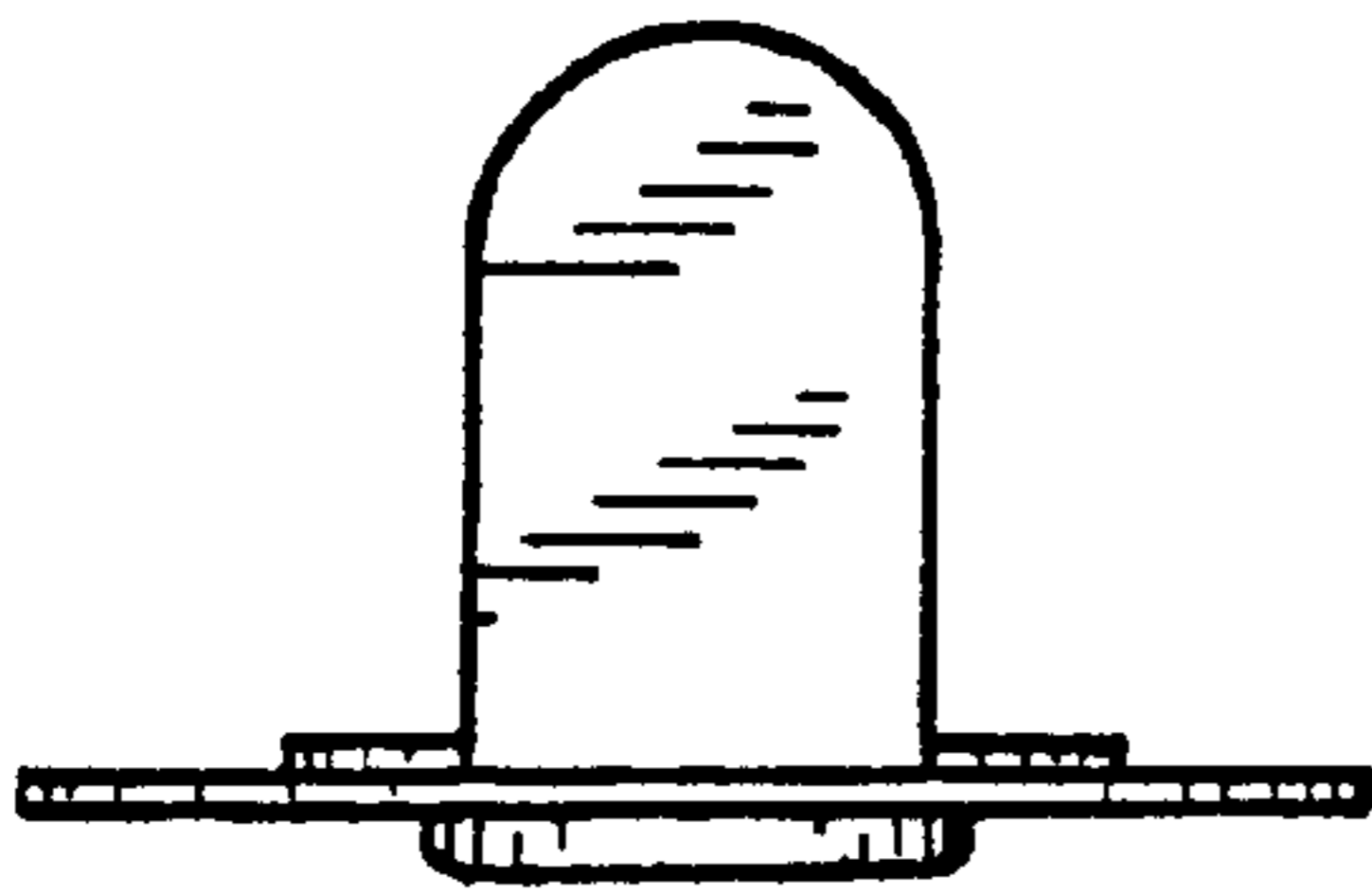
**FIG. 39**



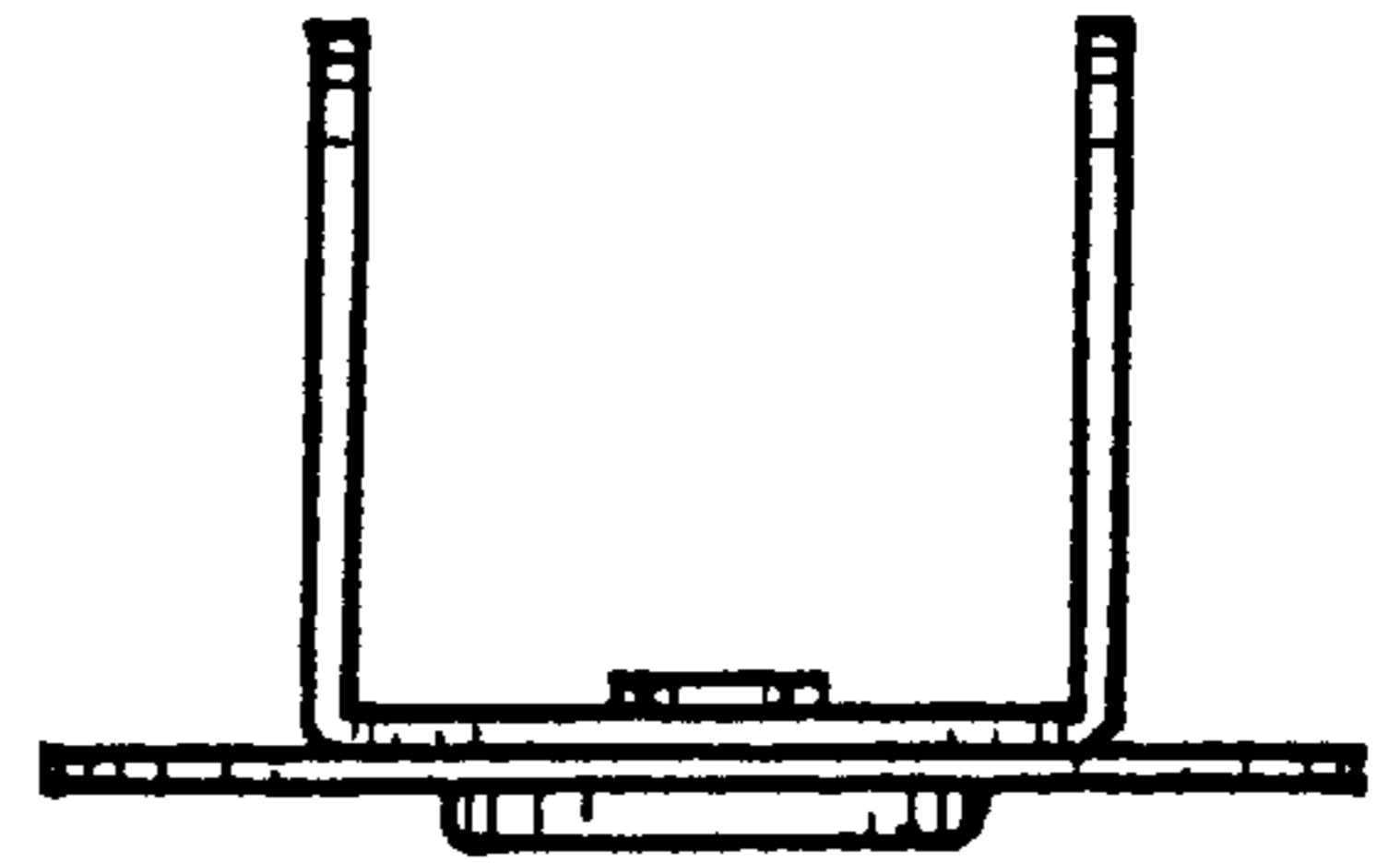
**FIG. 40**



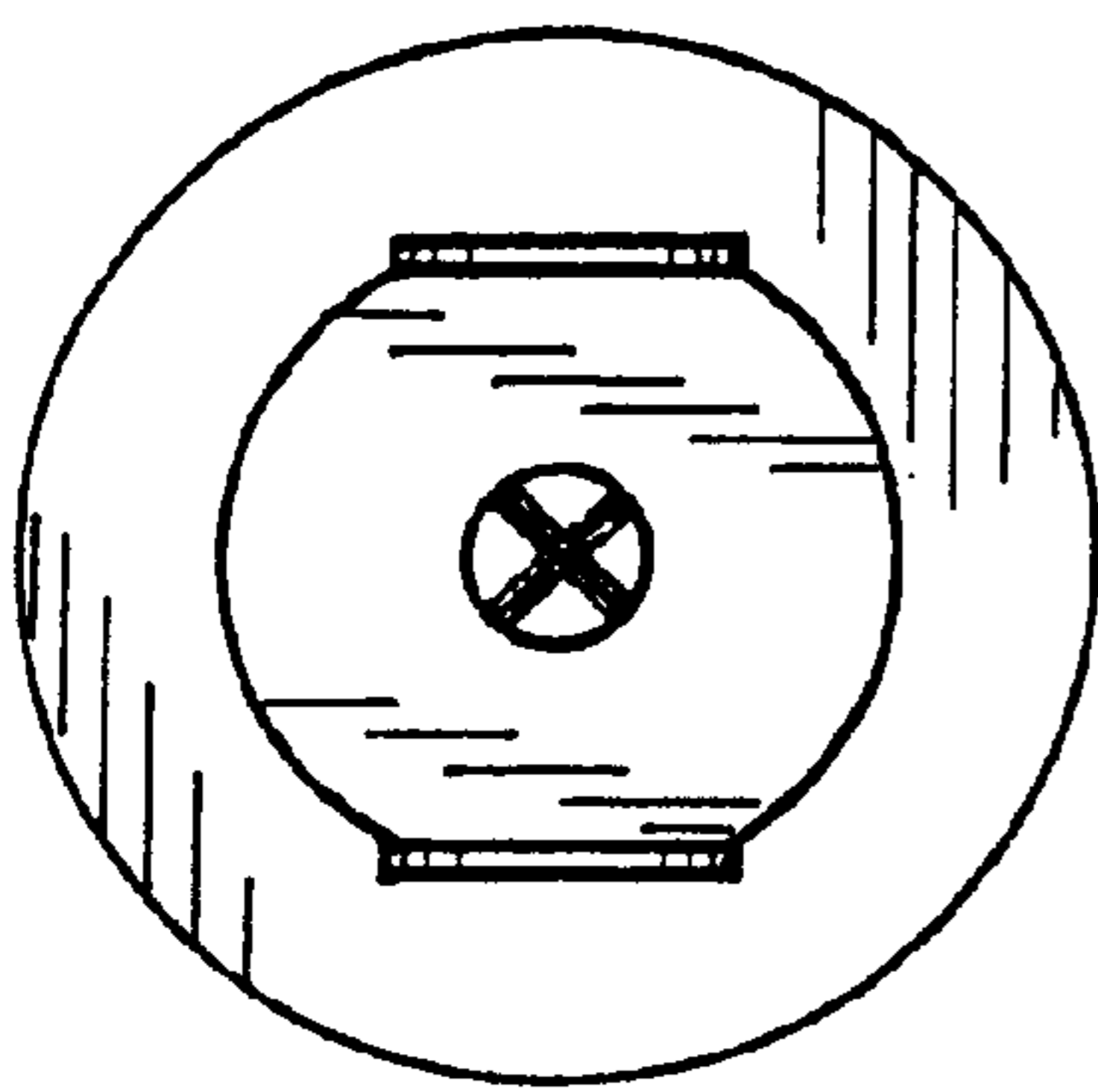
**FIG. 41**



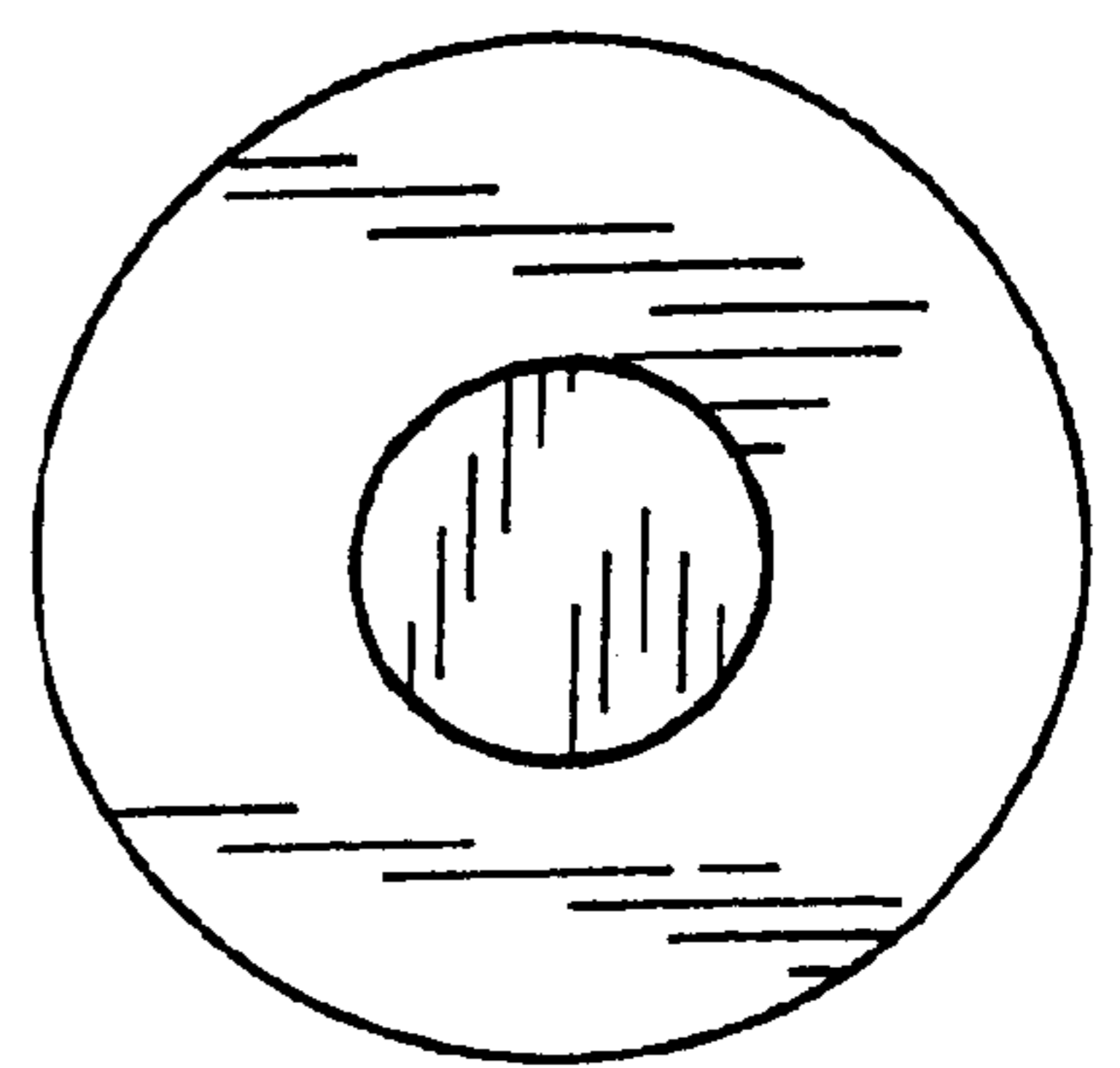
**FIG. 42**



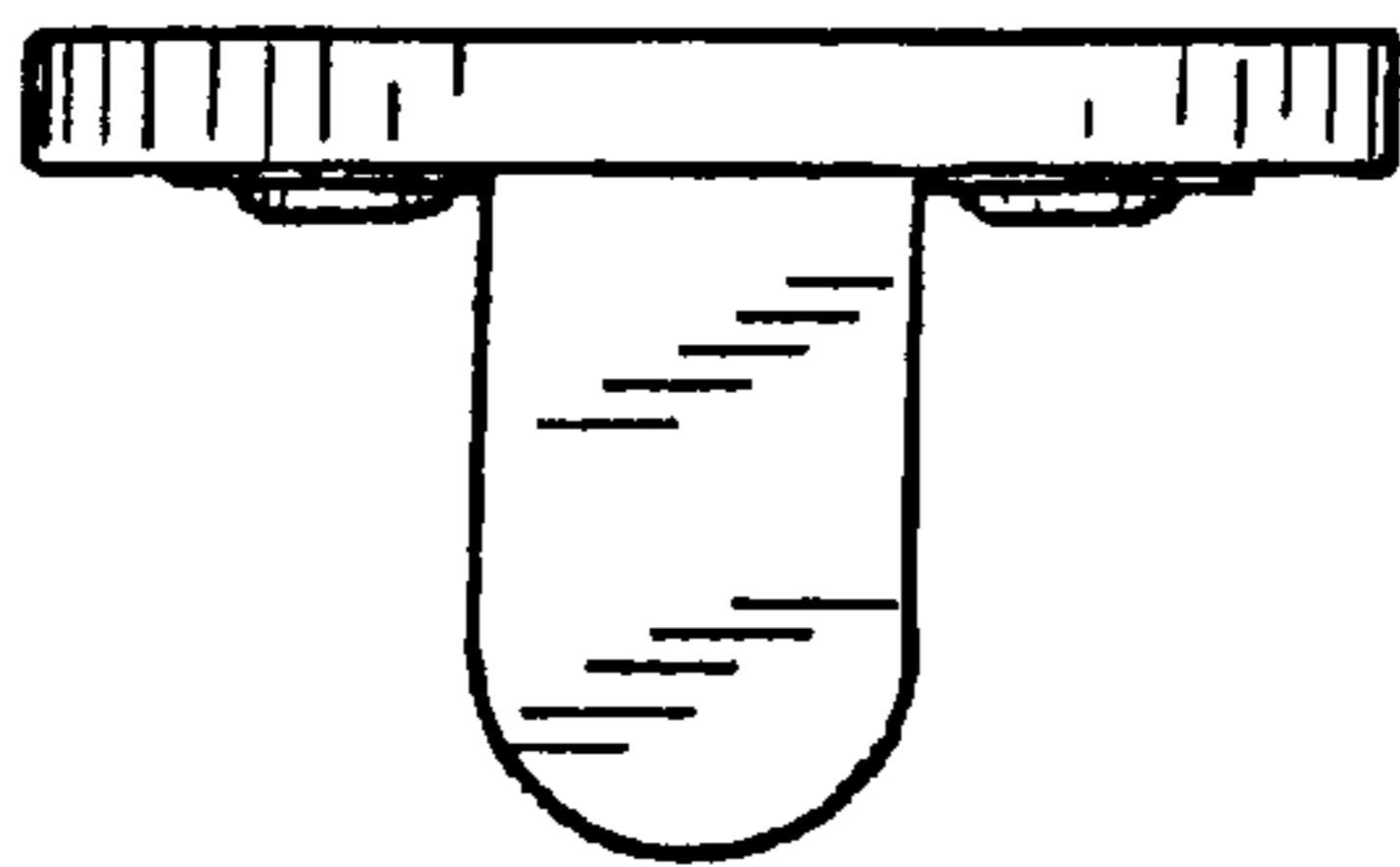
**FIG. 43**



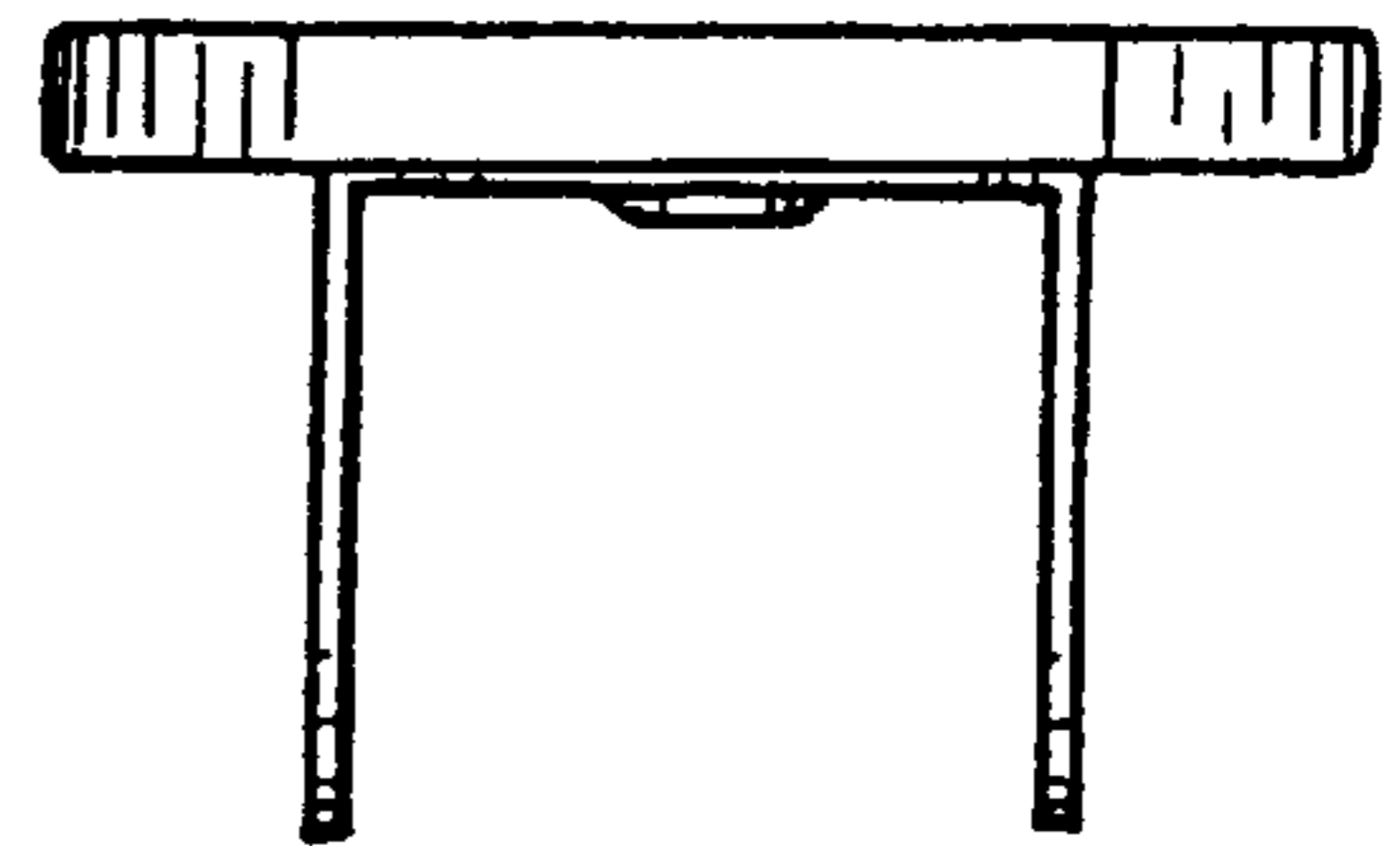
**FIG. 44**



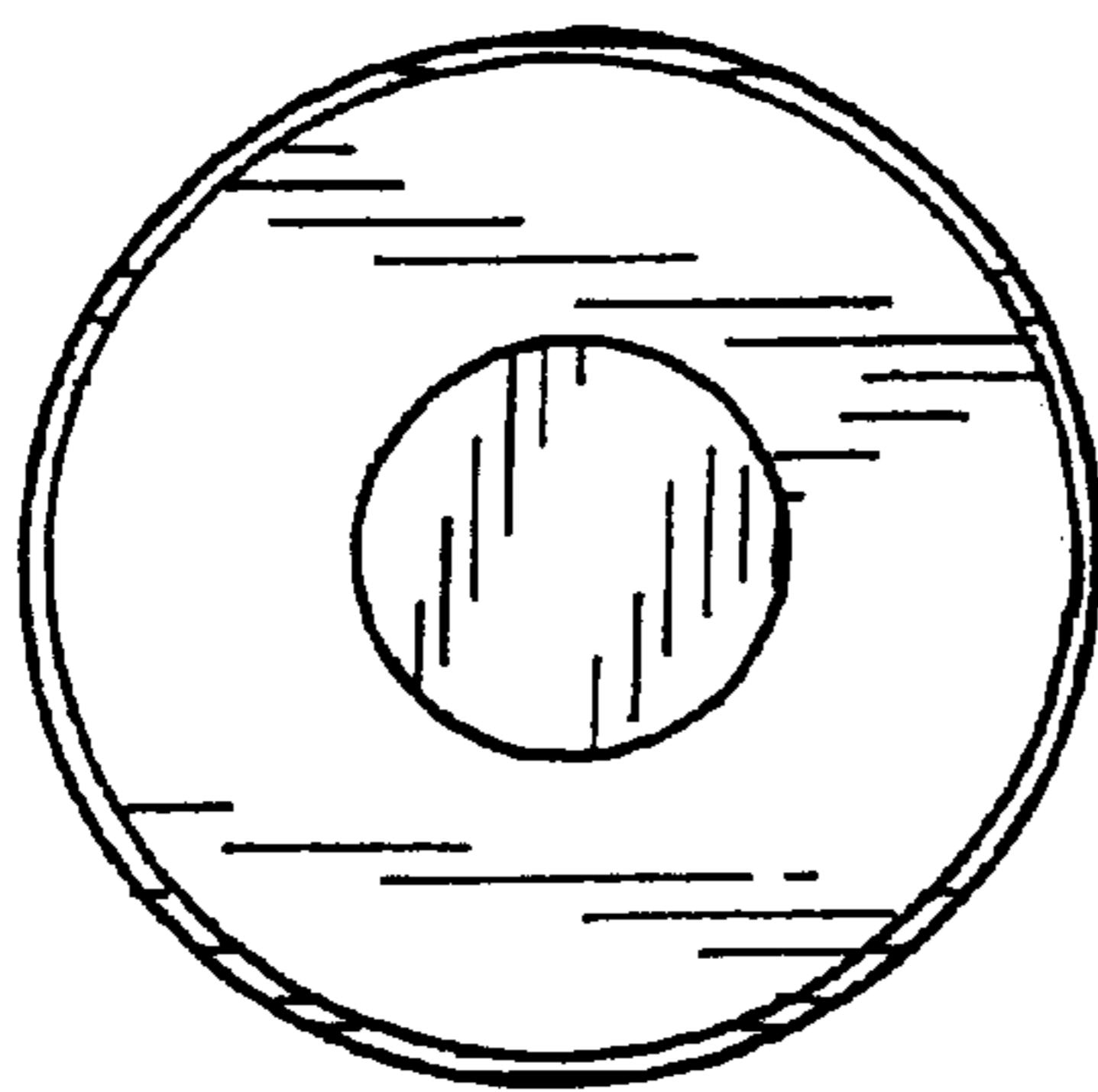
**FIG. 45**



**FIG. 46**



**FIG. 47**



**FIG. 48**

