



US00D461116S

(12) **United States Design Patent**
Aoki

(10) **Patent No.:** **US D461,116 S**

(45) **Date of Patent:** **** Aug. 6, 2002**

(54) **MAGNETIC FASTENER**

(75) Inventor: **Yoshihiro Aoki**, Tokyo (JP)

(73) Assignee: **Application Art Laboratories, Co., Ltd.**, Tokyo (JP)

(**) Term: **14 Years**

(21) Appl. No.: **29/149,098**

(22) Filed: **Oct. 4, 2001**

Related U.S. Application Data

(62) Division of application No. 29/123,291, filed on May 16, 2000.

(30) **Foreign Application Priority Data**

Nov. 16, 1999 (JP) 11-31563
Nov. 16, 1999 (JP) 11-31564

(51) **LOC (7) Cl.** **08-08**

(52) **U.S. Cl.** **D8/382; D8/394; D11/220**

(58) **Field of Search** **D11/200, 205-220; D8/382, 349; 292/251.5; 63/29.2; 335/285; 294/65.5; 24/303, 688**

(56) **References Cited**

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Primary Examiner—Alan P. Douglas

Assistant Examiner—Clare E. Heflin

(74) *Attorney, Agent, or Firm*—Wenderoth, Lind & Ponack, L.L.P.

(57) **CLAIM**

The ornamental design for a magnetic 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 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;

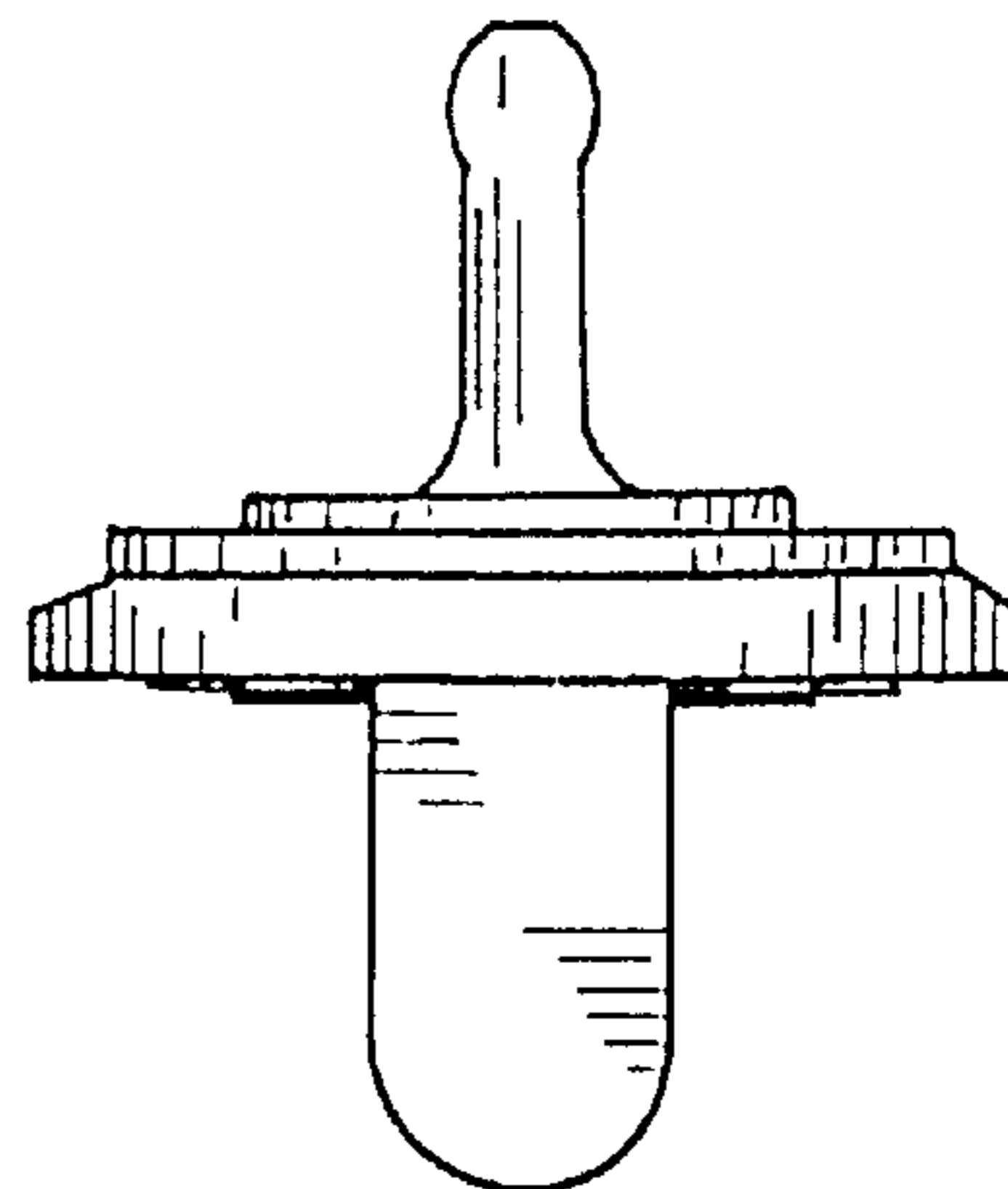
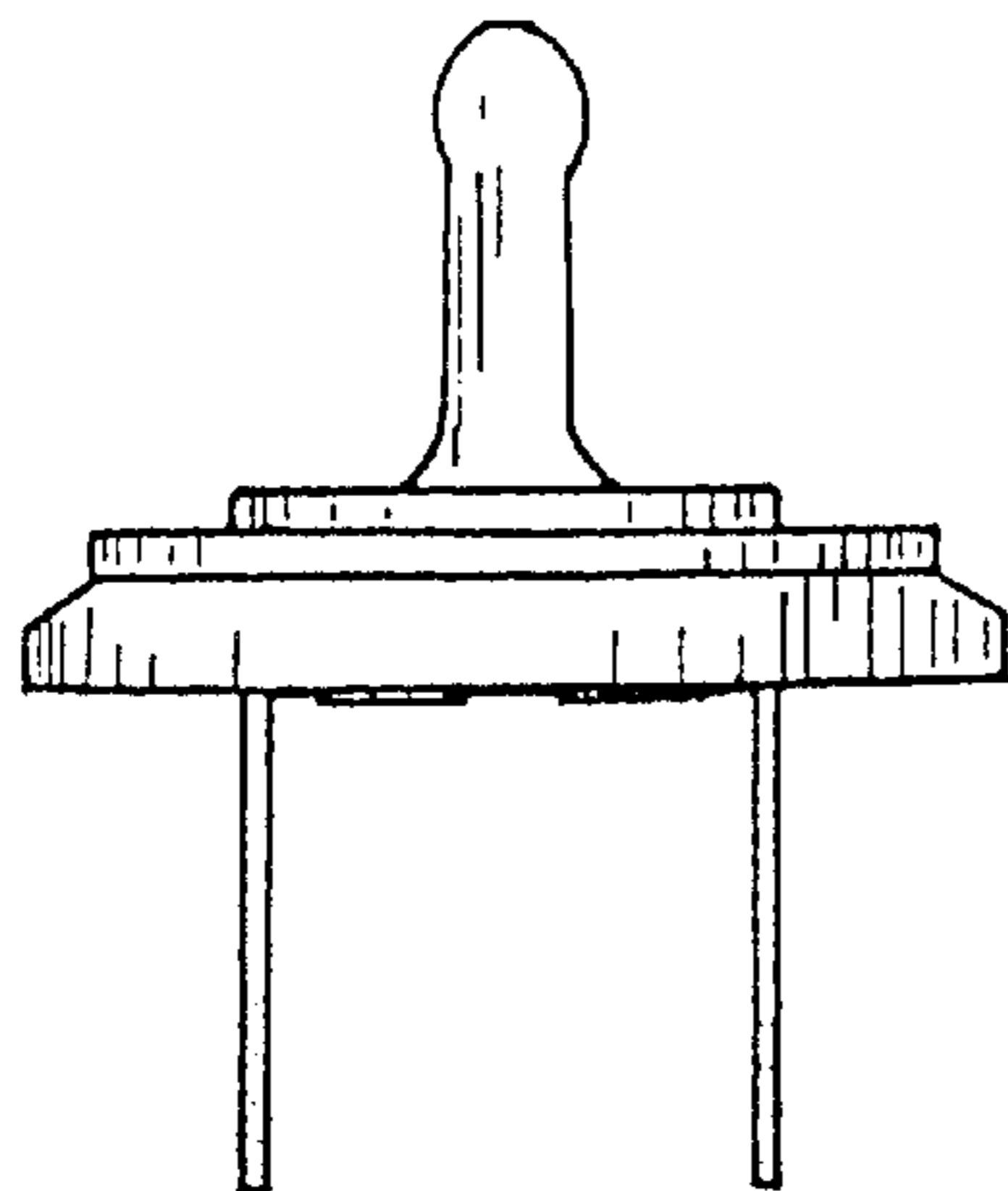


FIG. 79 is a top plan view thereof corresponding to FIG. 75;
FIG. 80 is a bottom plan view thereof;
FIG. 81 is a front elevational view of the rear member of the magnetic fastener shown in FIG. 73, detached from the front member; with the rear elevational view being identical thereto;
FIG. 82 is a left side elevational view with the right side elevational view being identical thereto;
FIG. 83 is a top plan view thereof;
FIG. 84 is a bottom plan view thereof corresponding to FIG. 76;
FIG. 85 is a front elevational view of a magnetic fastener showing the 8th embodiment of my new design, with the rear elevational view being identical thereto;
FIG. 86 is a left side elevational view with the right side elevational view being identical thereto;
FIG. 87 is a top plan view thereof;
FIG. 88 is a bottom plan view thereof;
FIG. 89 is a front elevational view of the front member of the magnetic fastener shown in FIG. 85, detached from the rear member, with the rear elevational view being identical thereto;
FIG. 90 is a left side elevational view with the right side elevational view being identical thereto;
FIG. 91 is a top plan view thereof corresponding to FIG. 87;
FIG. 92 is a bottom plan view thereof;
FIG. 93 is a front elevational view of the rear member of the magnetic fastener shown in FIG. 85, detached from the front member, with the rear elevational view being identical thereto;
FIG. 94 is a left side elevational view with the right side elevational view being identical thereto;
FIG. 95 is a top plan view thereof;
FIG. 96 is a bottom plan view thereof corresponding to FIG. 88;
FIG. 97 is a front elevational view of a magnetic fastener showing the 9th embodiment of my new design, with the rear elevational view being identical thereto;
FIG. 98 is a left side elevational view with the right side elevational view being identical thereto;
FIG. 99 is a top plan view thereof;
FIG. 100 is a bottom plan view thereof;
FIG. 101 is a front elevational view of the front member of the magnetic fastener shown in FIG. 97, detached from the rear member, with the rear elevational view being identical thereto;
FIG. 102 is a left side elevational view with the right side elevational view being identical thereto;
FIG. 103 is a top plan view thereof corresponding to FIG. 99;
FIG. 104 is a bottom plan view thereof;
FIG. 105 is a front elevational view of the rear member of the magnetic fastener shown in FIG. 97, detached from the front member, with the elevational view being identical thereto;
FIG. 106 is a left side elevational view with the right side elevational view being identical thereto;
FIG. 107 is a top plan view thereof;
FIG. 108 is a bottom plan view thereof corresponding to FIG. 100;
FIG. 109 is a front elevational view of a magnetic fastener showing the 10th embodiment of my new design, with the rear elevational view being identical thereto;
FIG. 110 is a left side elevational view with the right side elevational view being identical thereto;
FIG. 111 is a top plan view thereof;
FIG. 112 is a bottom plan view thereof;
FIG. 113 is a front elevational view of the front member of the magnetic fastener shown in FIG. 109, detached from the rear member, with the rear elevational view being identical thereto;
FIG. 114 is a left side elevational view with the right side elevational view being identical thereto;
FIG. 115 is a top plan view thereof corresponding to FIG. 111;
FIG. 116 is a bottom plan view thereof;
FIG. 117 is a front elevational view of the rear member of the magnetic fastener shown in FIG. 109, detached from the front member, with the rear elevational view being identical thereto;
FIG. 118 is a left side elevational view with the right side elevational view being identical thereto;
FIG. 119 is a top plan view thereof;
FIG. 120 is a bottom plan view thereof corresponding to FIG. 112;
FIG. 121 is a front elevational view of a magnetic fastener showing the 11th embodiment of my new design, with the rear elevational view being identical thereto;
FIG. 122 is a left side elevational view with the right side elevational view being identical thereto;
FIG. 123 is a top plan view thereof;
FIG. 124 is a bottom plan view thereof;
FIG. 125 is a front elevational view of the front member of the magnetic fastener shown in FIG. 121, detached from the rear member, with the rear elevational view being identical thereto;
FIG. 126 is a left side elevational view with the right side elevational view being identical thereto;
FIG. 127 is a top plan view thereof corresponding to FIG. 123;
FIG. 128 is a bottom plan view thereof;
FIG. 129 is a front elevational view of the rear member of the magnetic fastener shown in FIG. 121, detached from the front member, with the rear elevational view being identical thereto;
FIG. 130 is a left side elevational view with the right side elevational view being identical thereto;
FIG. 131 is a top plan view thereof;
FIG. 132 is a bottom plan view thereof corresponding to FIG. 124;
FIG. 133 is a front elevational view of a magnetic fastener showing the 12th embodiment of my new design, with the rear elevational view being identical thereto;
FIG. 134 is a left side elevational view with the right side elevational view being identical thereto;
FIG. 135 is a top plan view thereof;
FIG. 136 is a bottom plan view thereof;
FIG. 137 is a front elevational view of the front member of the magnetic fastener shown in FIG. 133, detached from the rear member, with the rear elevational view being identical thereto;
FIG. 138 is a left side elevational view with the right side elevational view being identical thereto;
FIG. 139 is a top plan view thereof corresponding to FIG. 135;
FIG. 140 is a bottom plan view thereof;

FIG. **141** is a front elevational view of the rear member of the magnetic fastener shown in FIG. **133**, detached from the front member, with the rear elevational view being identical thereto;

FIG. **142** is a left side elevational view with the right side elevational view being identical thereto;

FIG. **143** is a top plan view thereof; and,
FIG. **144** is a bottom plan view thereof corresponding to FIG. **136**.

The elements are shown detached for clarity of illustration.

1 Claim, 36 Drawing Sheets

FIG. 1

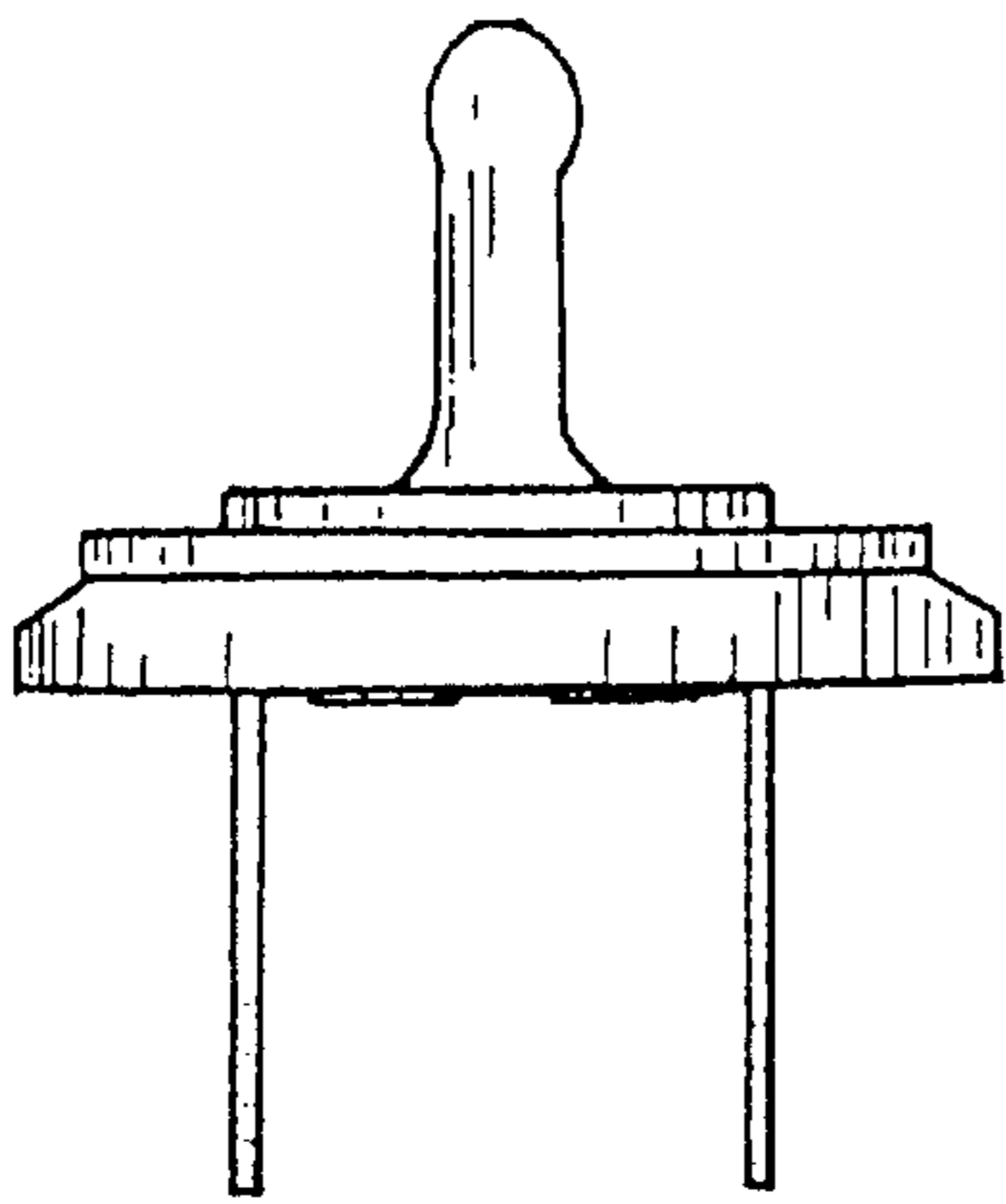


FIG. 2

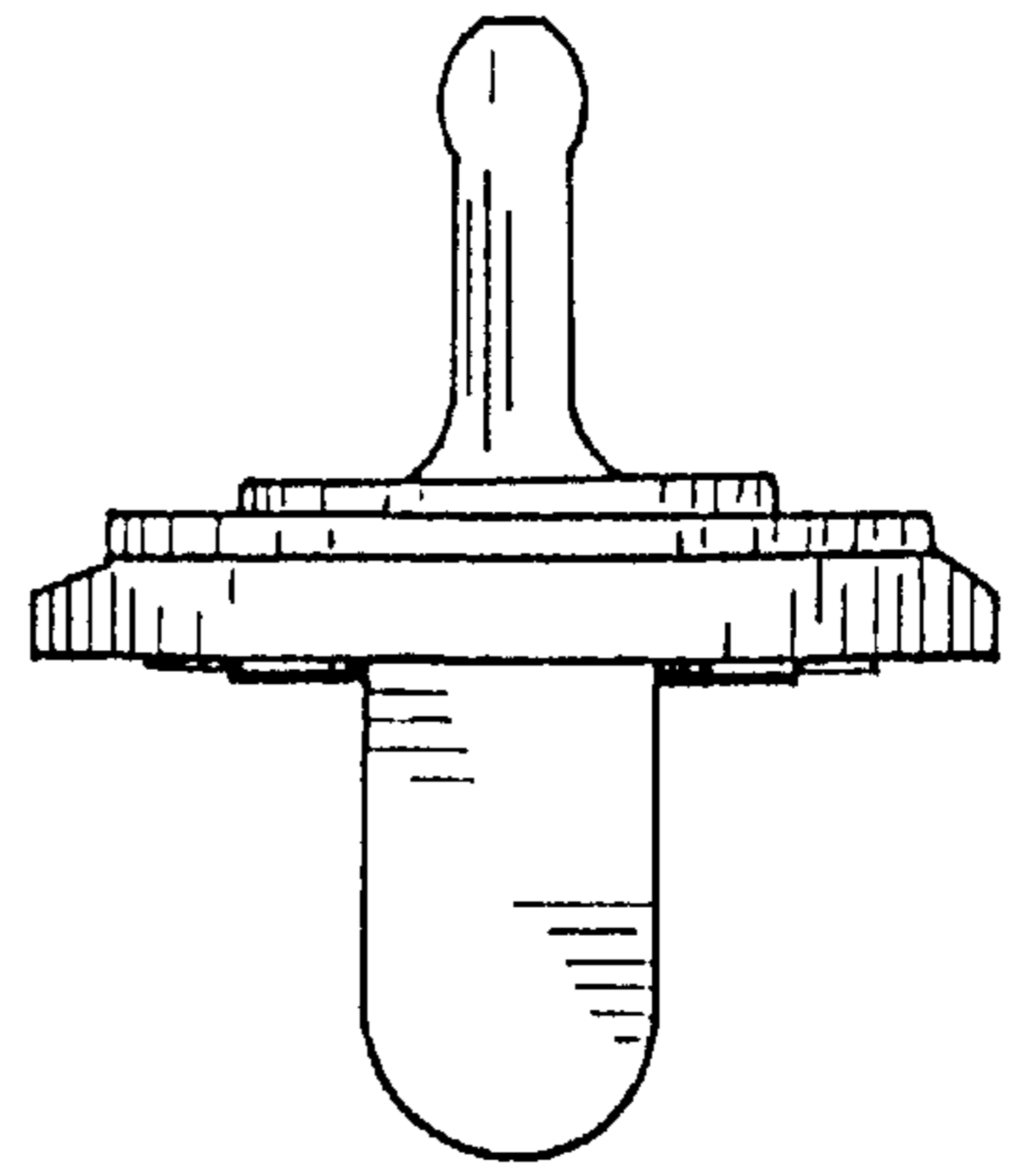


FIG. 3

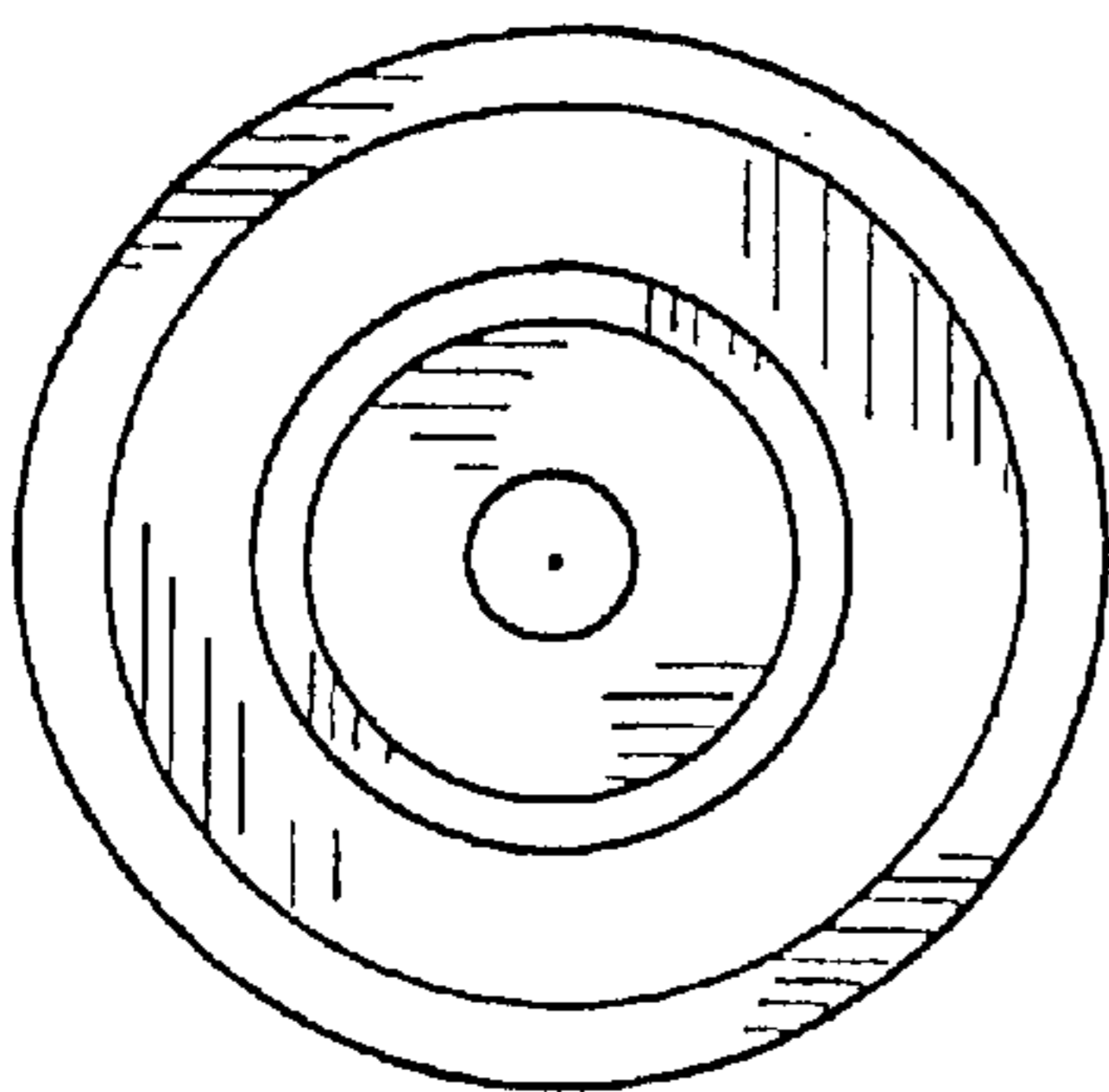


FIG. 4

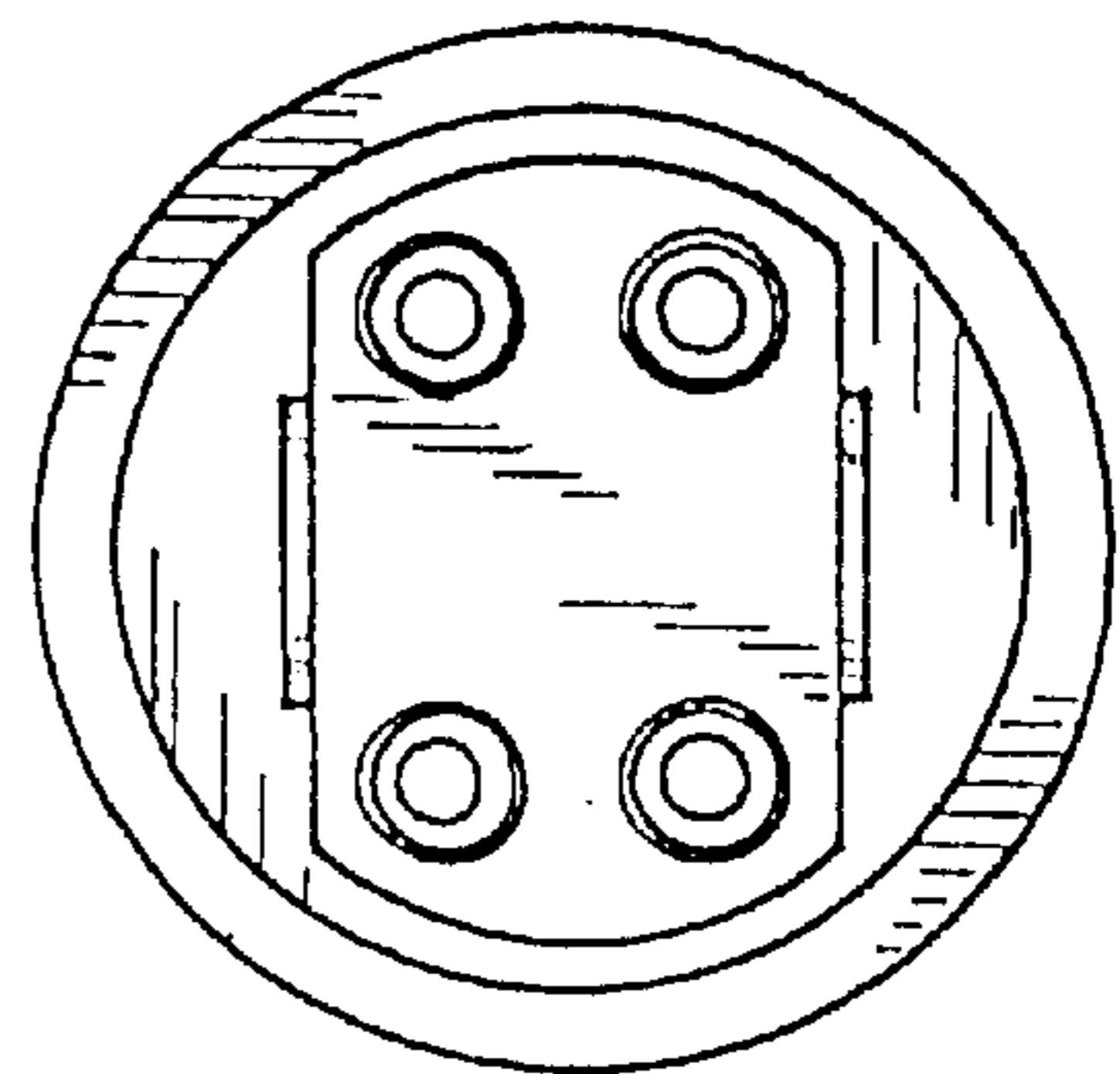


FIG. 5

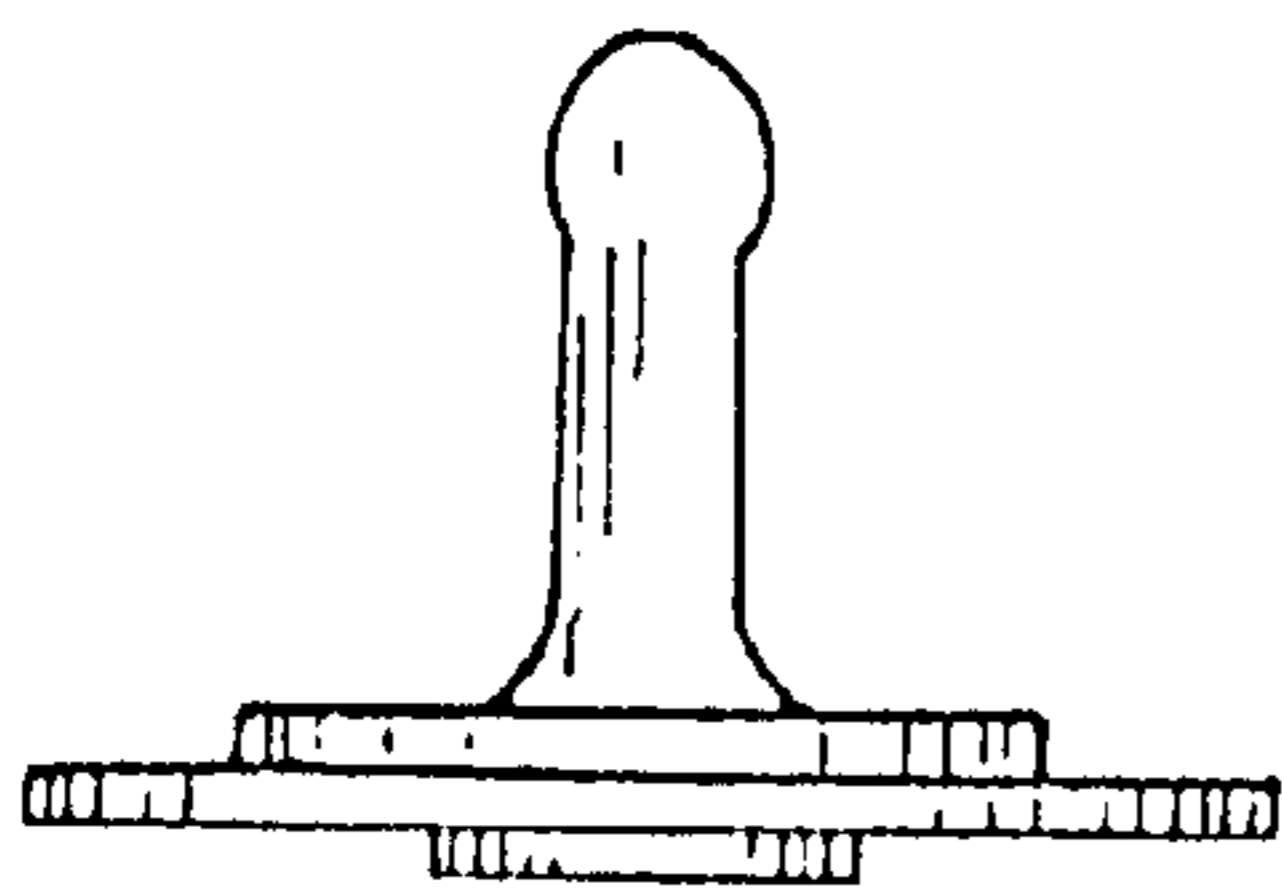


FIG. 6

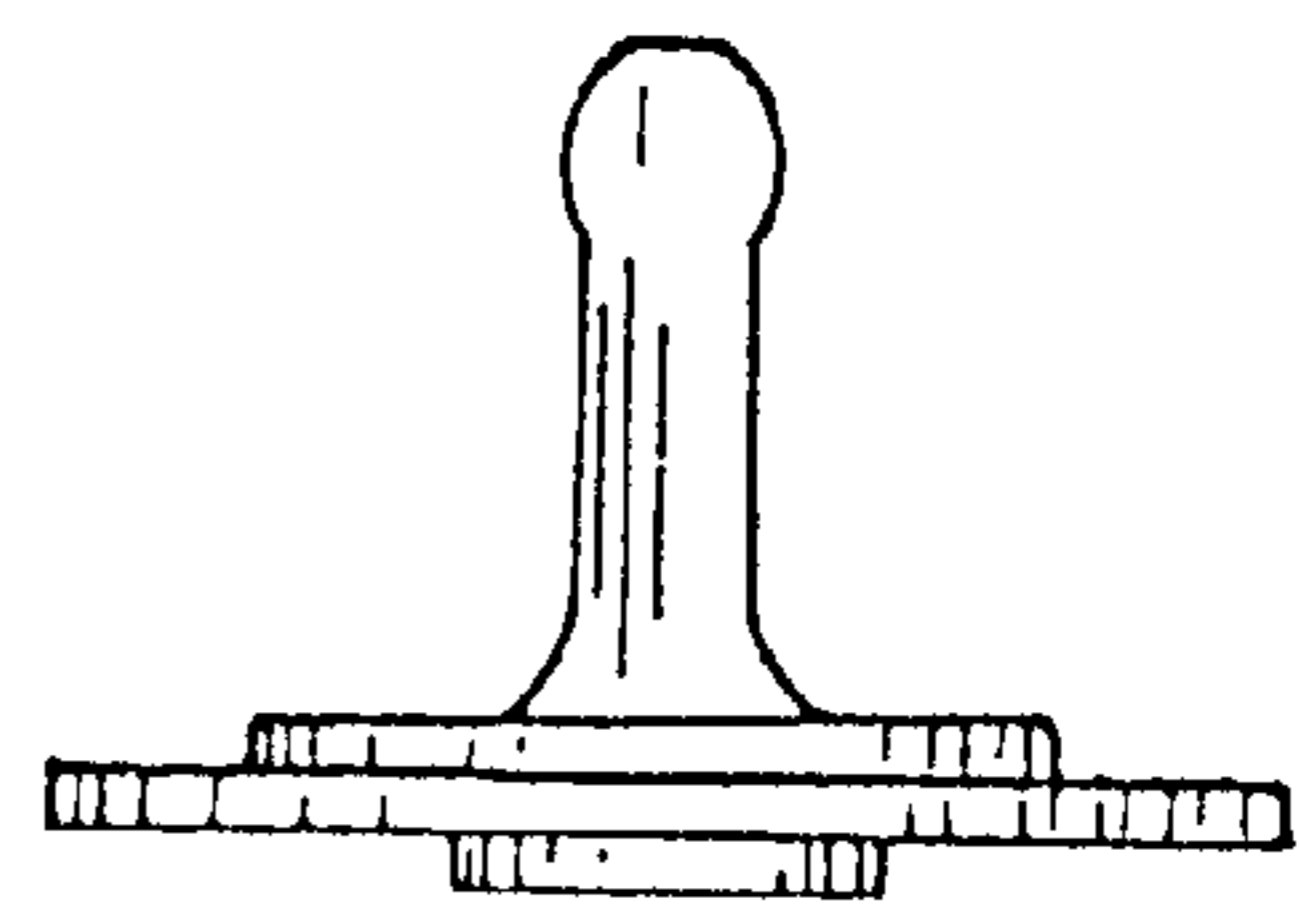


FIG. 7

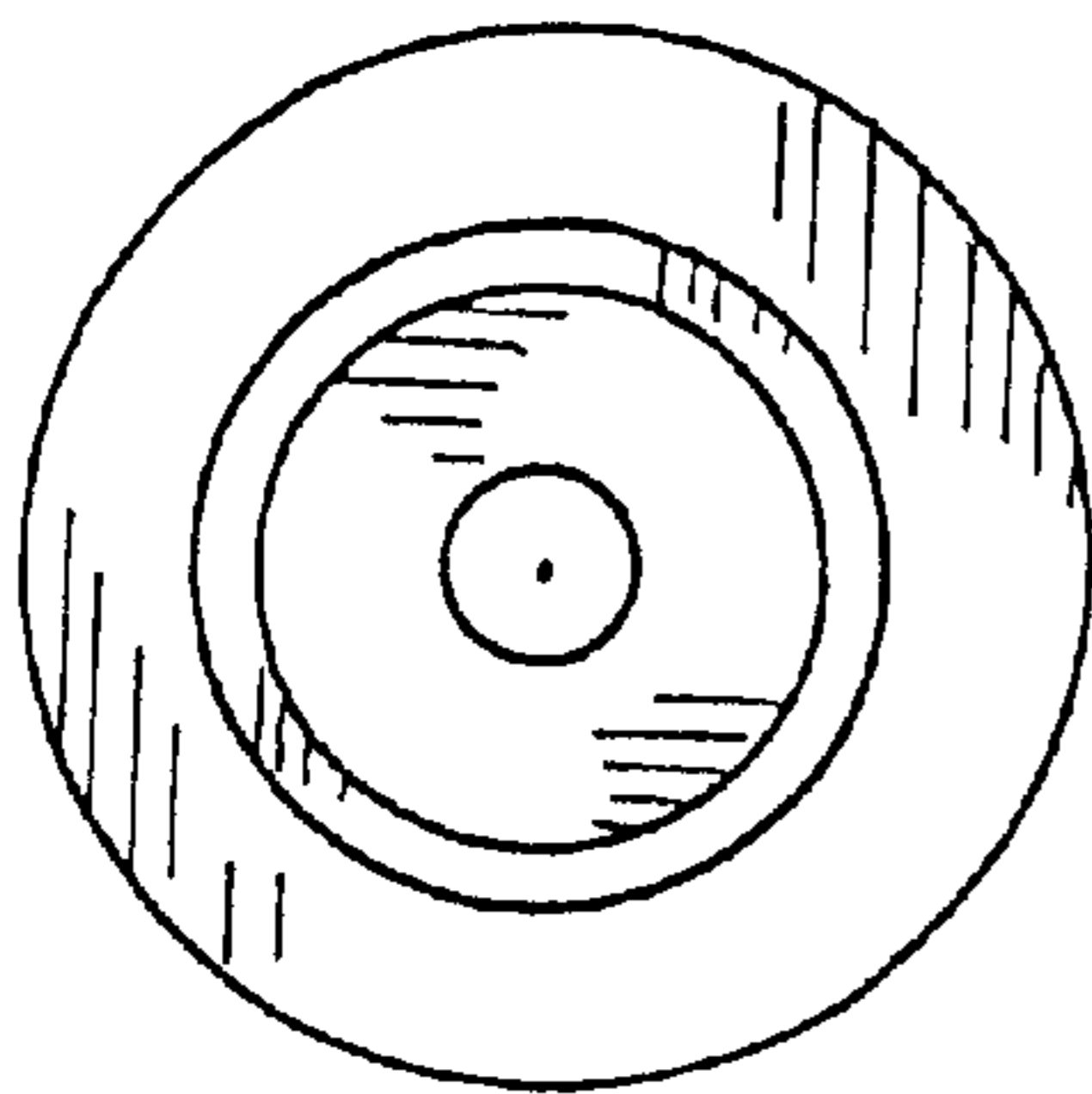


FIG. 8

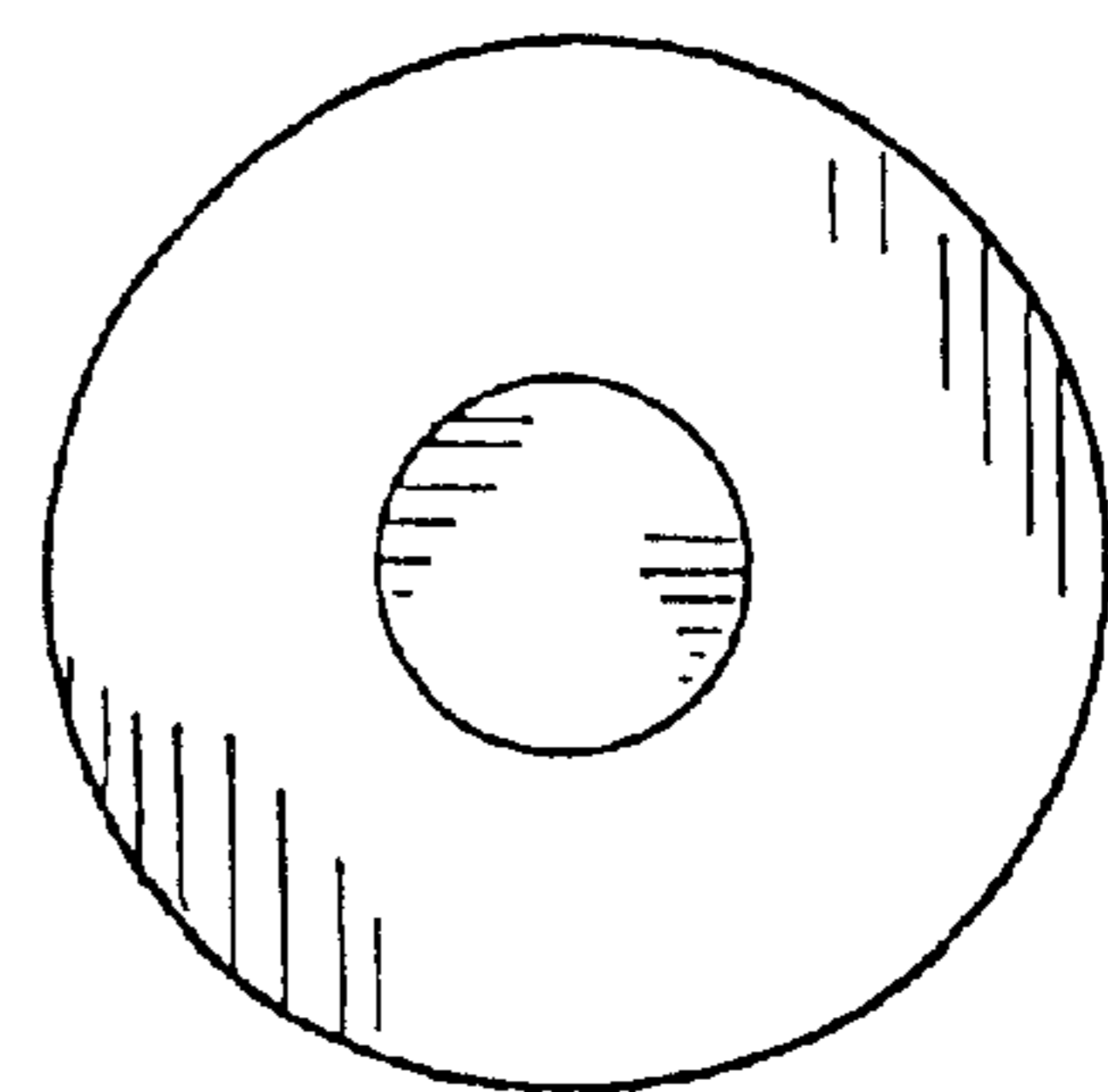


FIG. 9

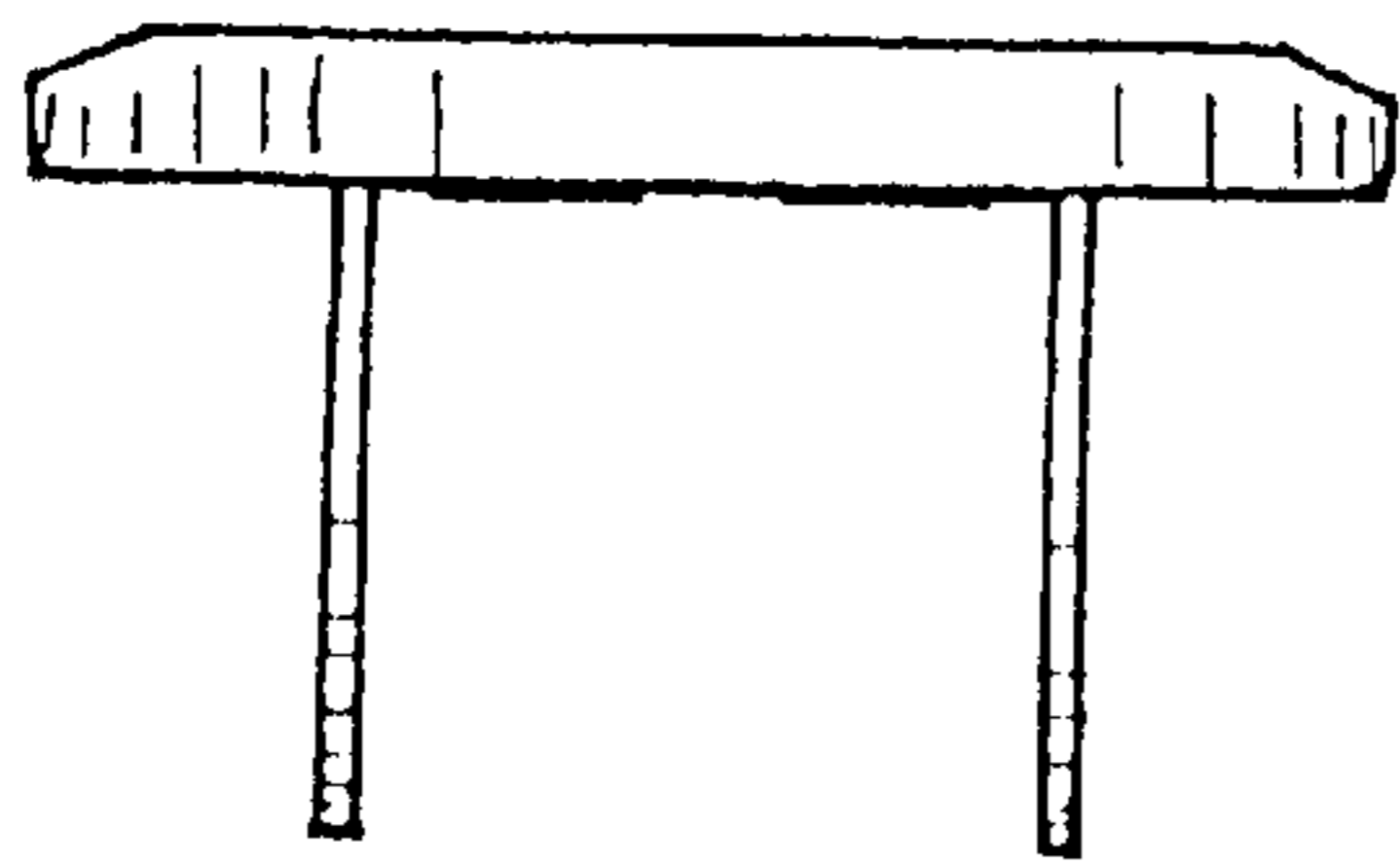


FIG. 10

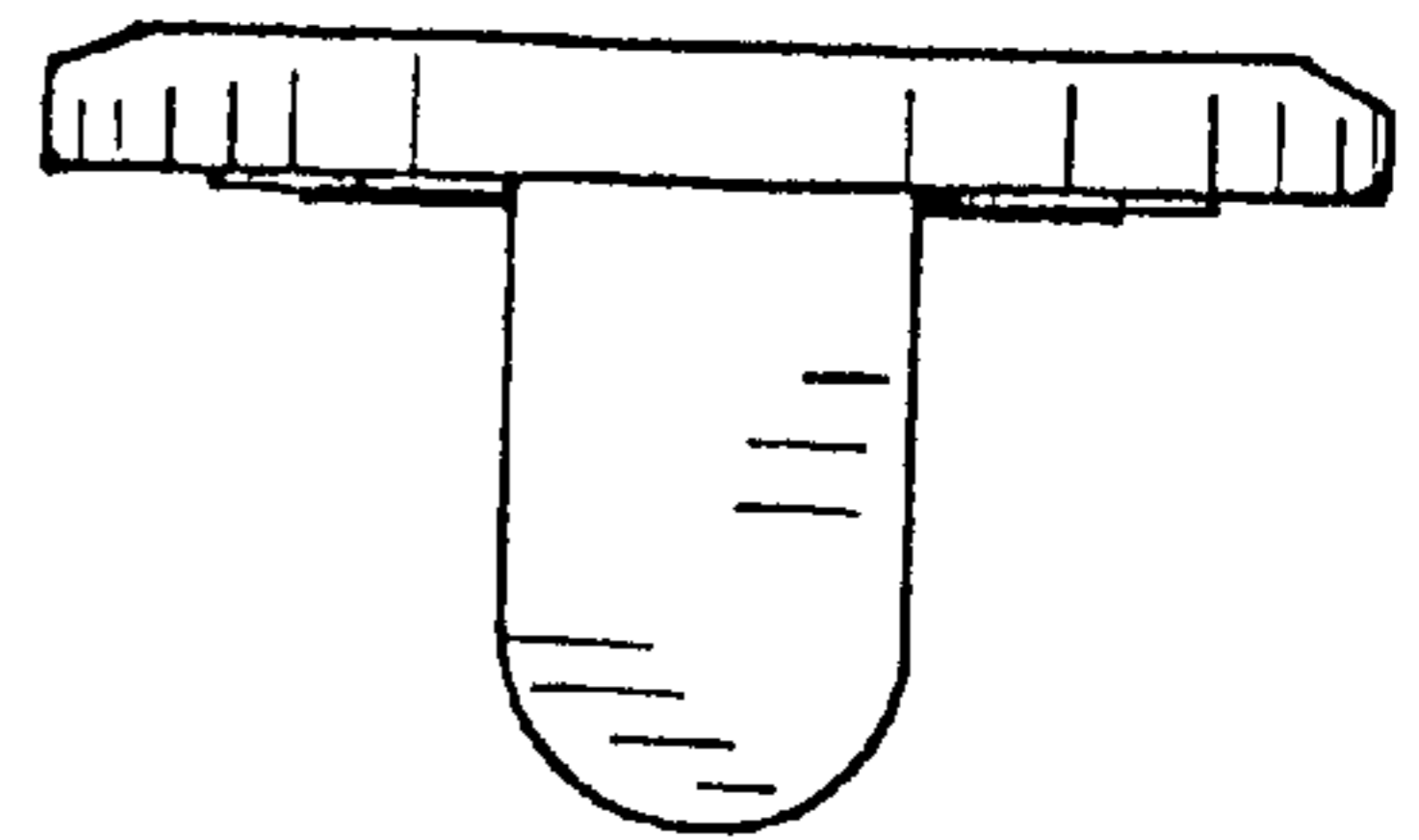


FIG. 11

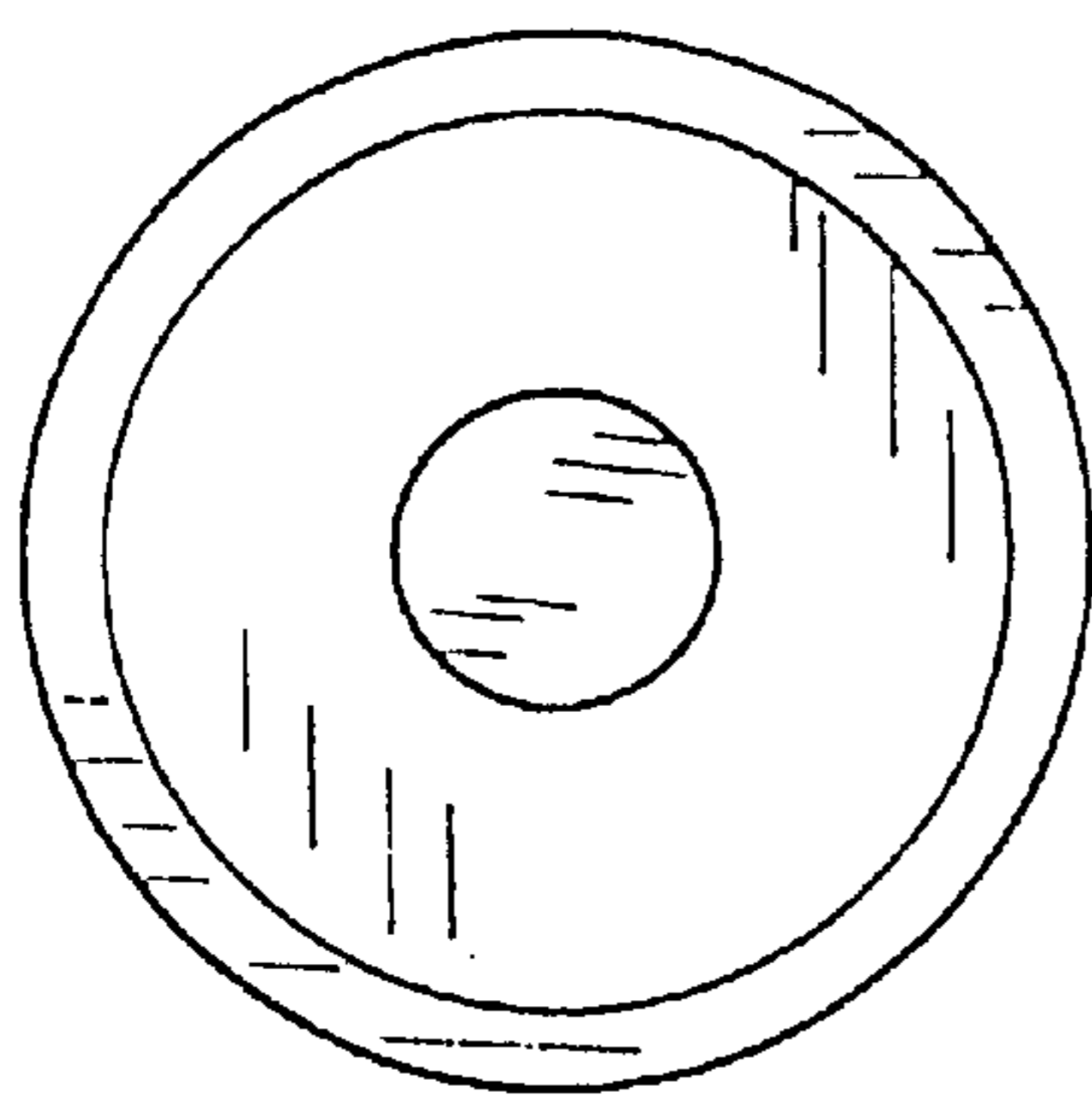


FIG. 12

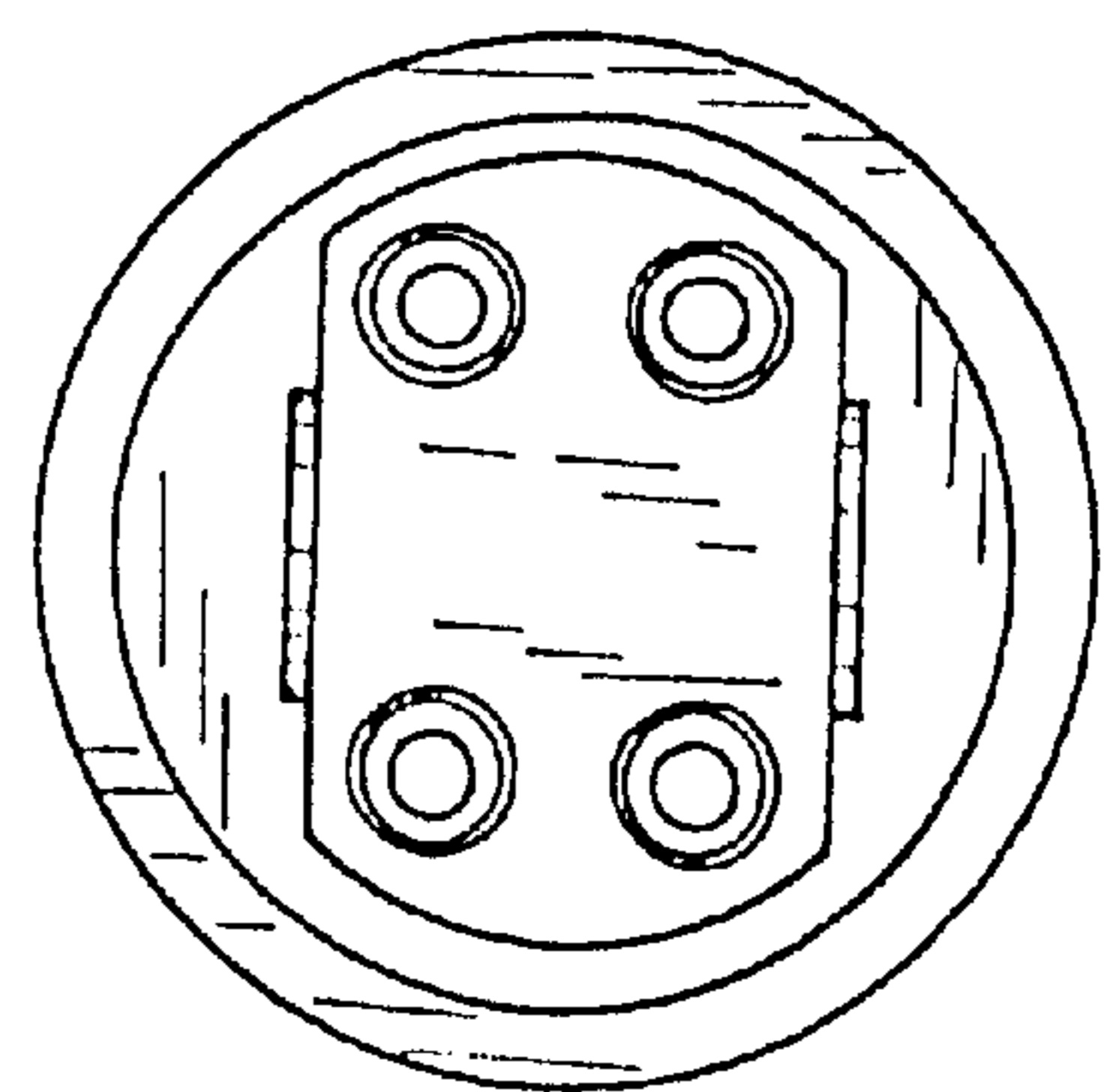


FIG. 13

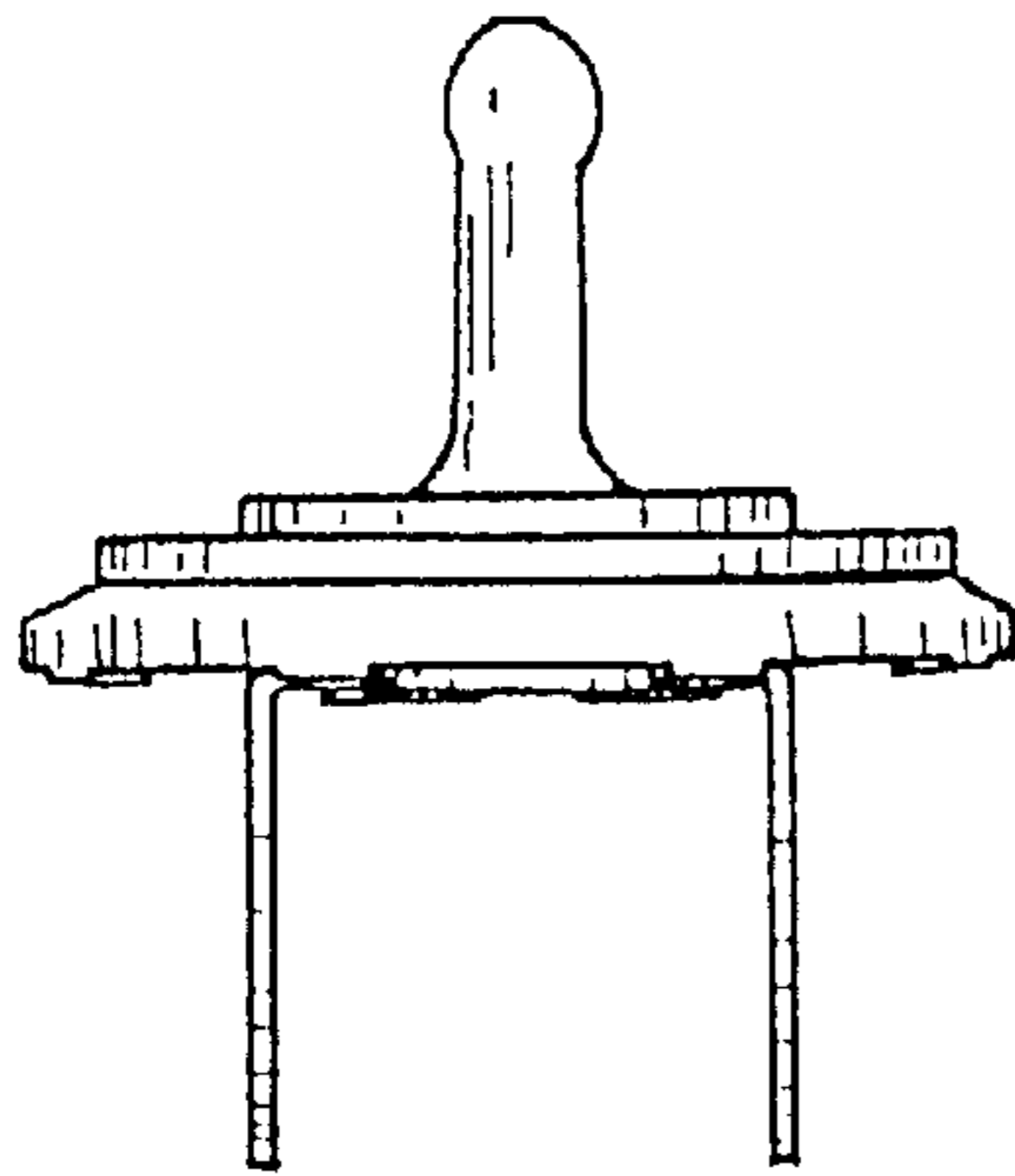


FIG. 14

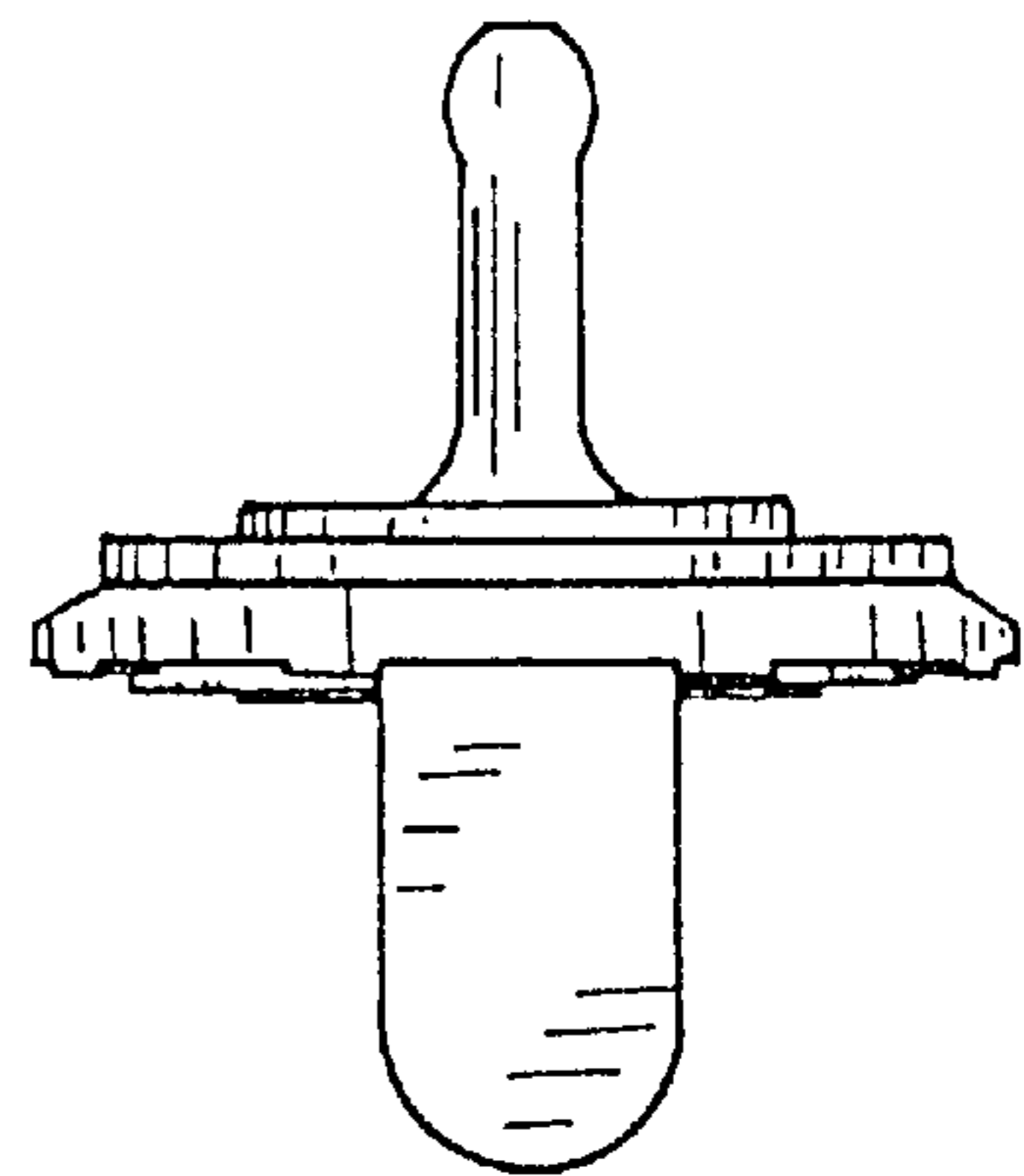


FIG. 15

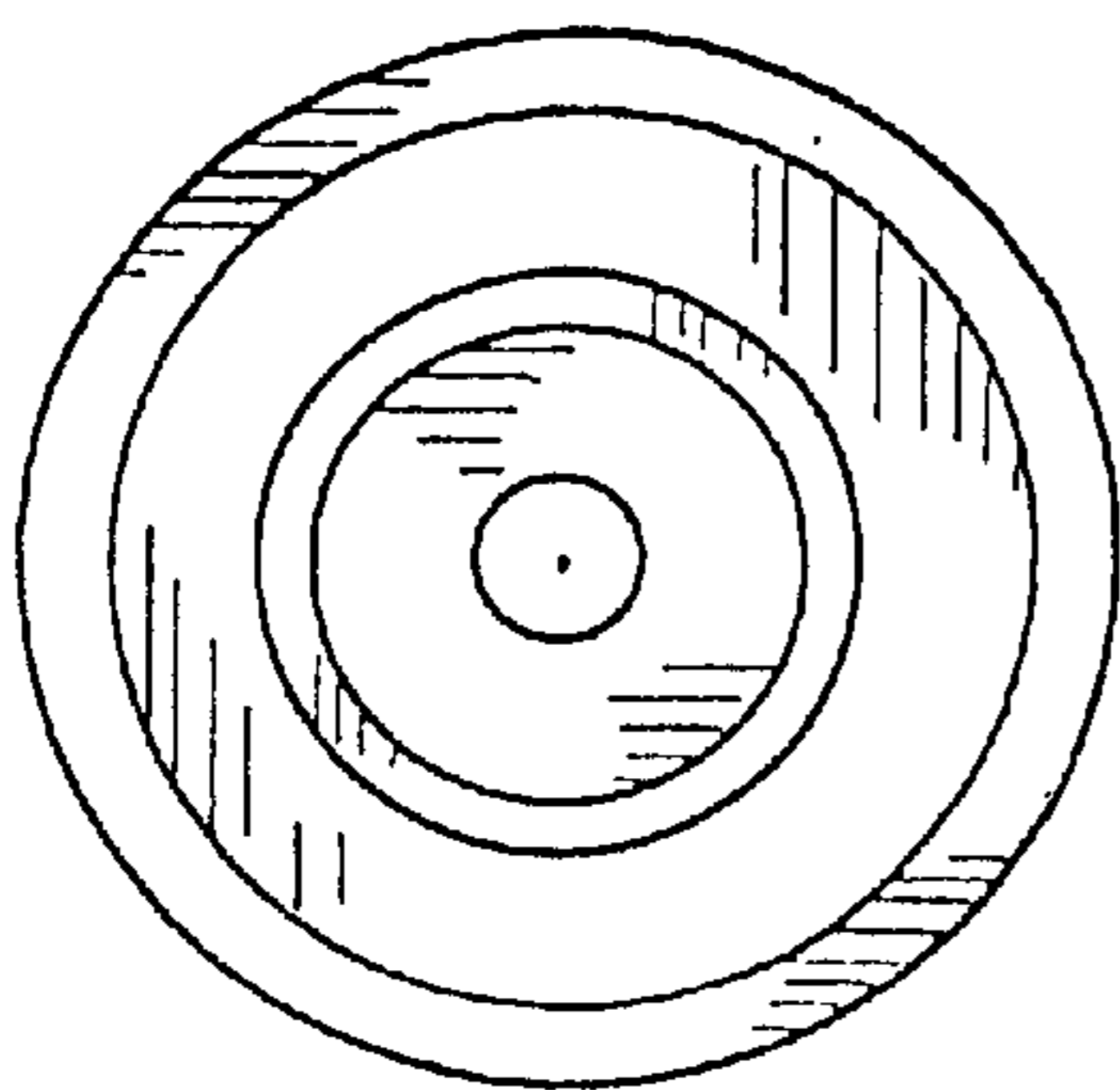


FIG. 16

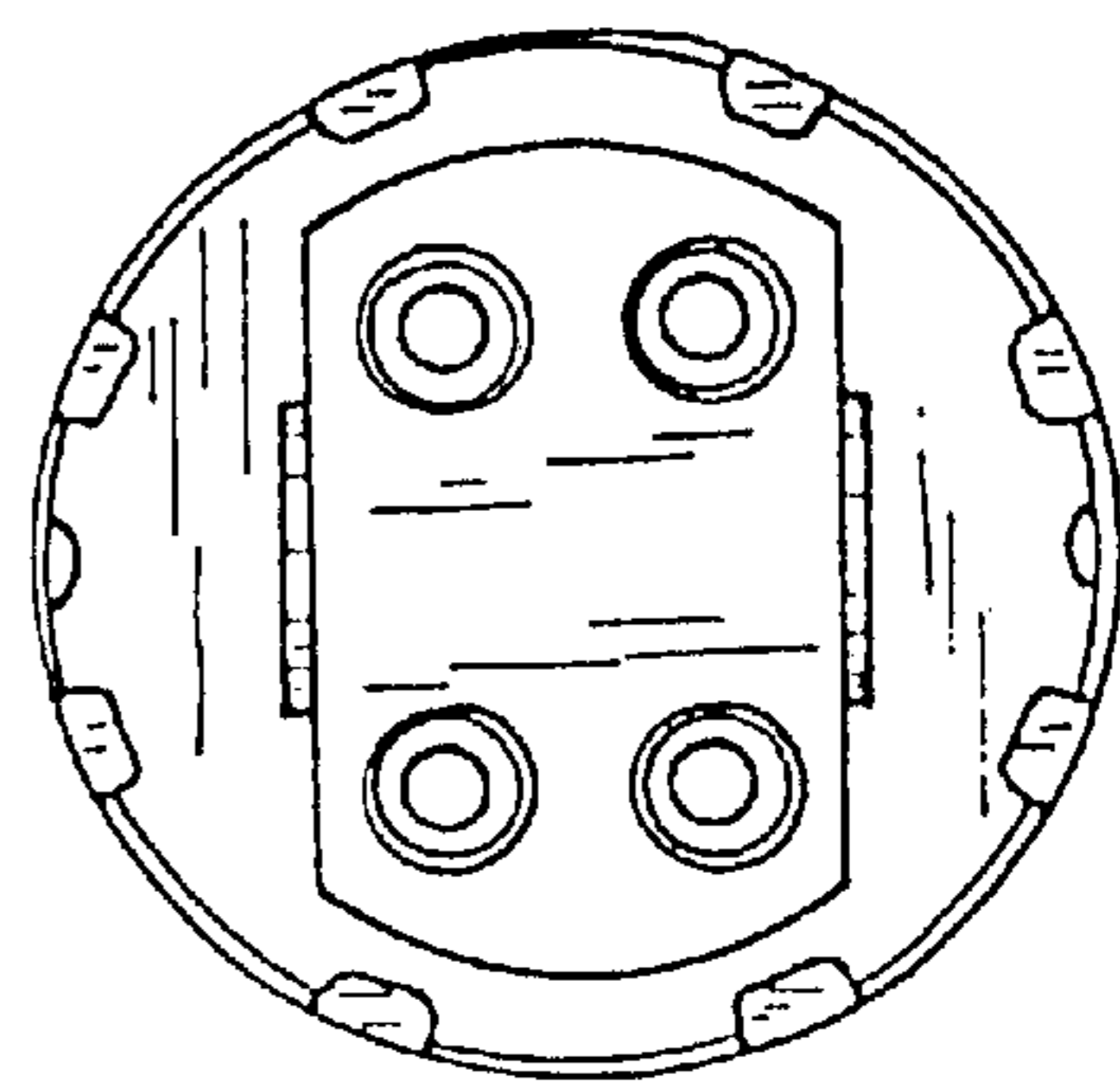


FIG. 17

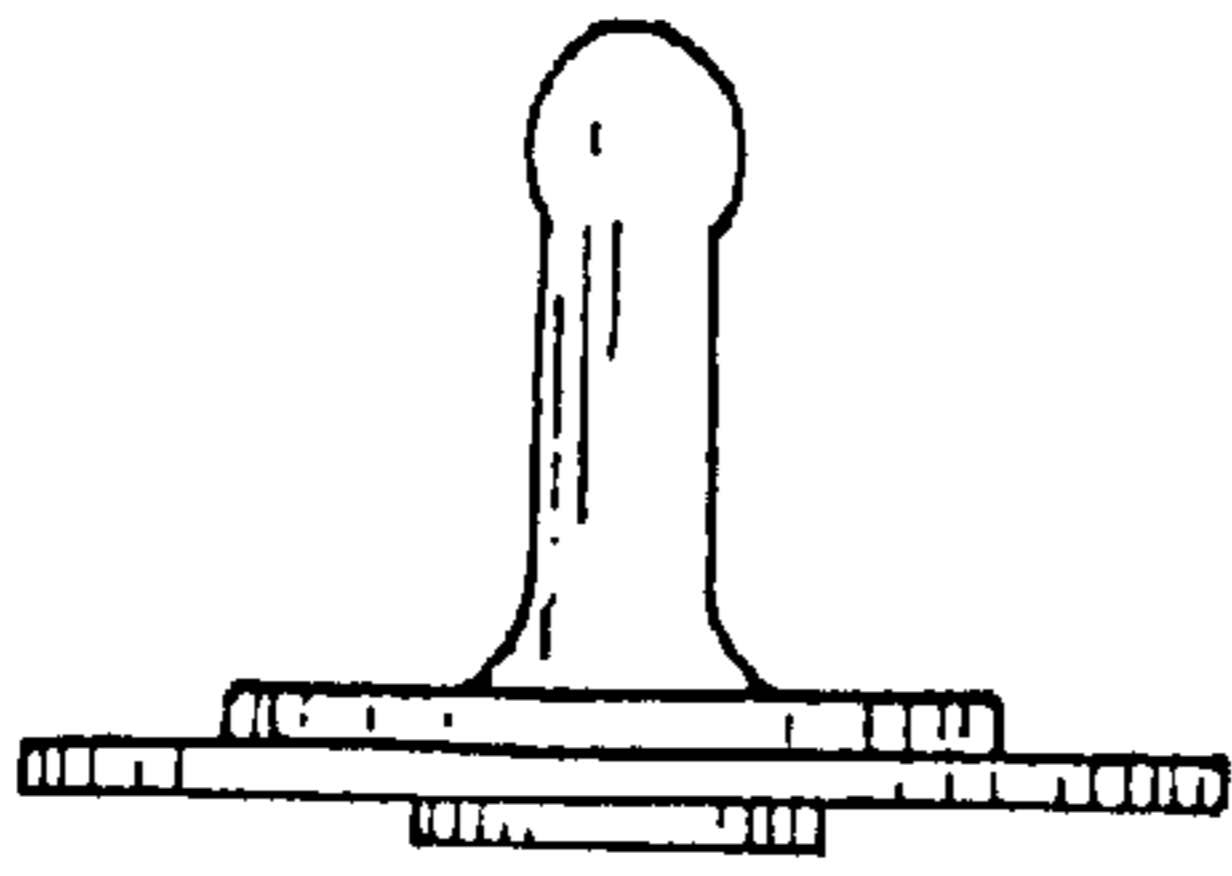


FIG. 18

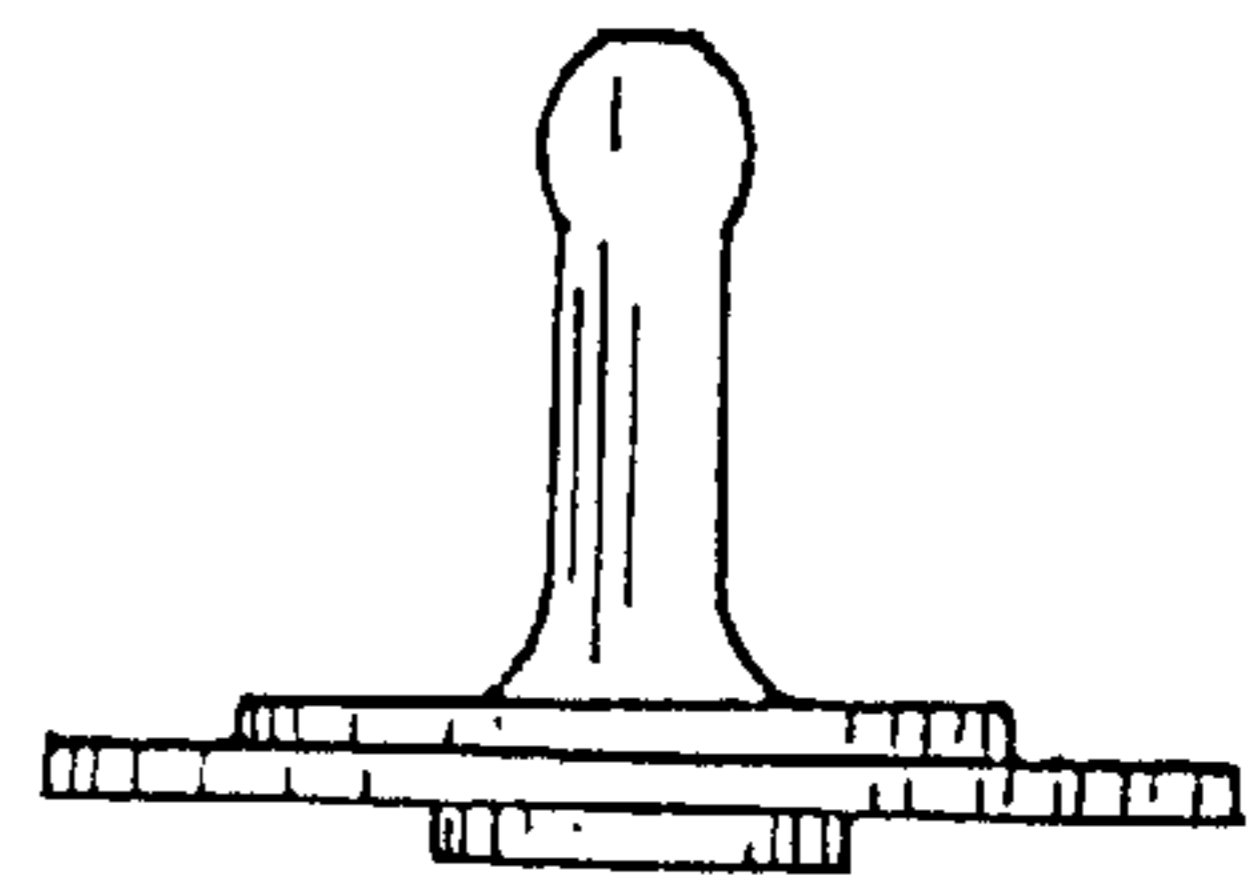


FIG. 19

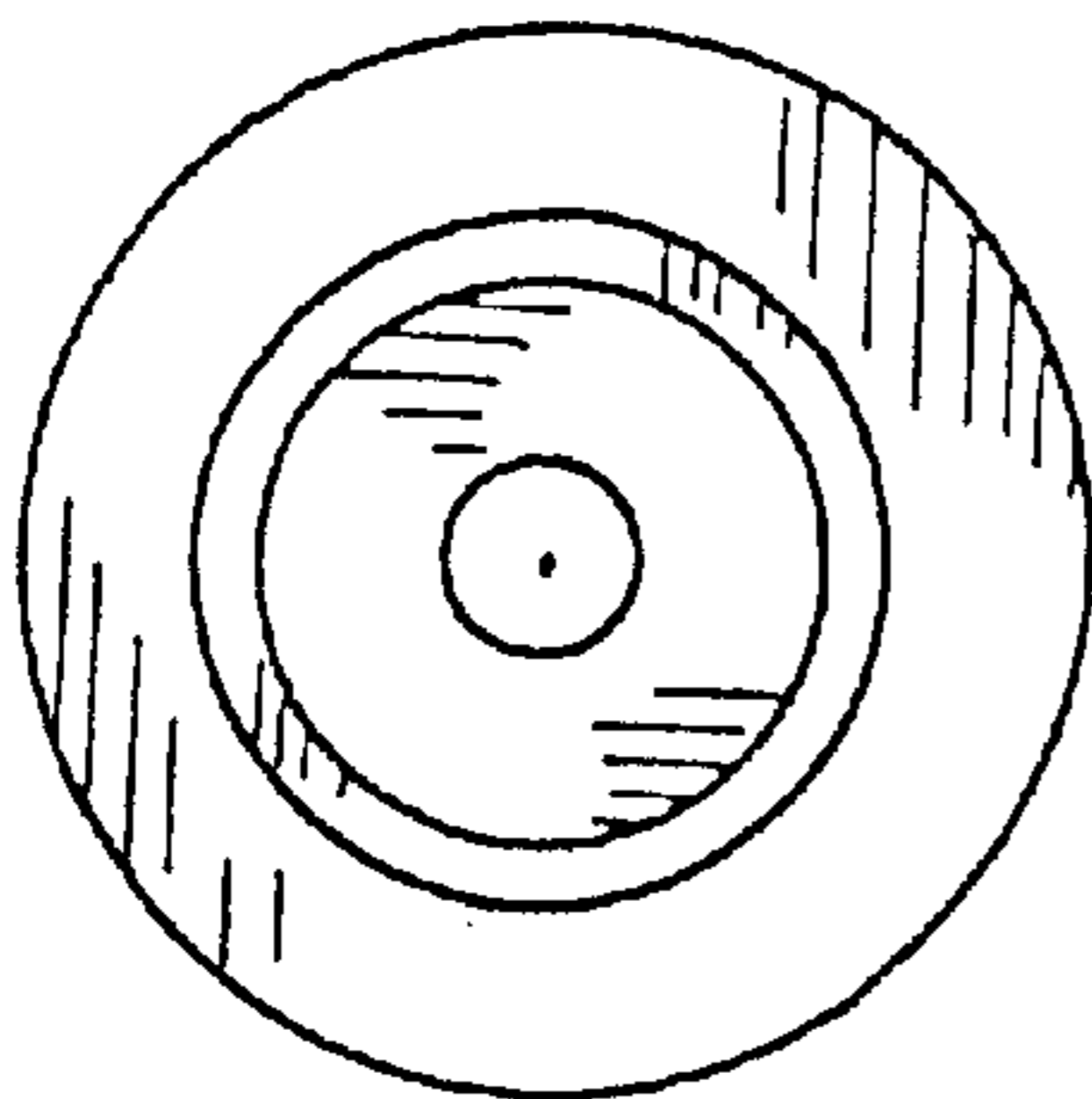


FIG. 20

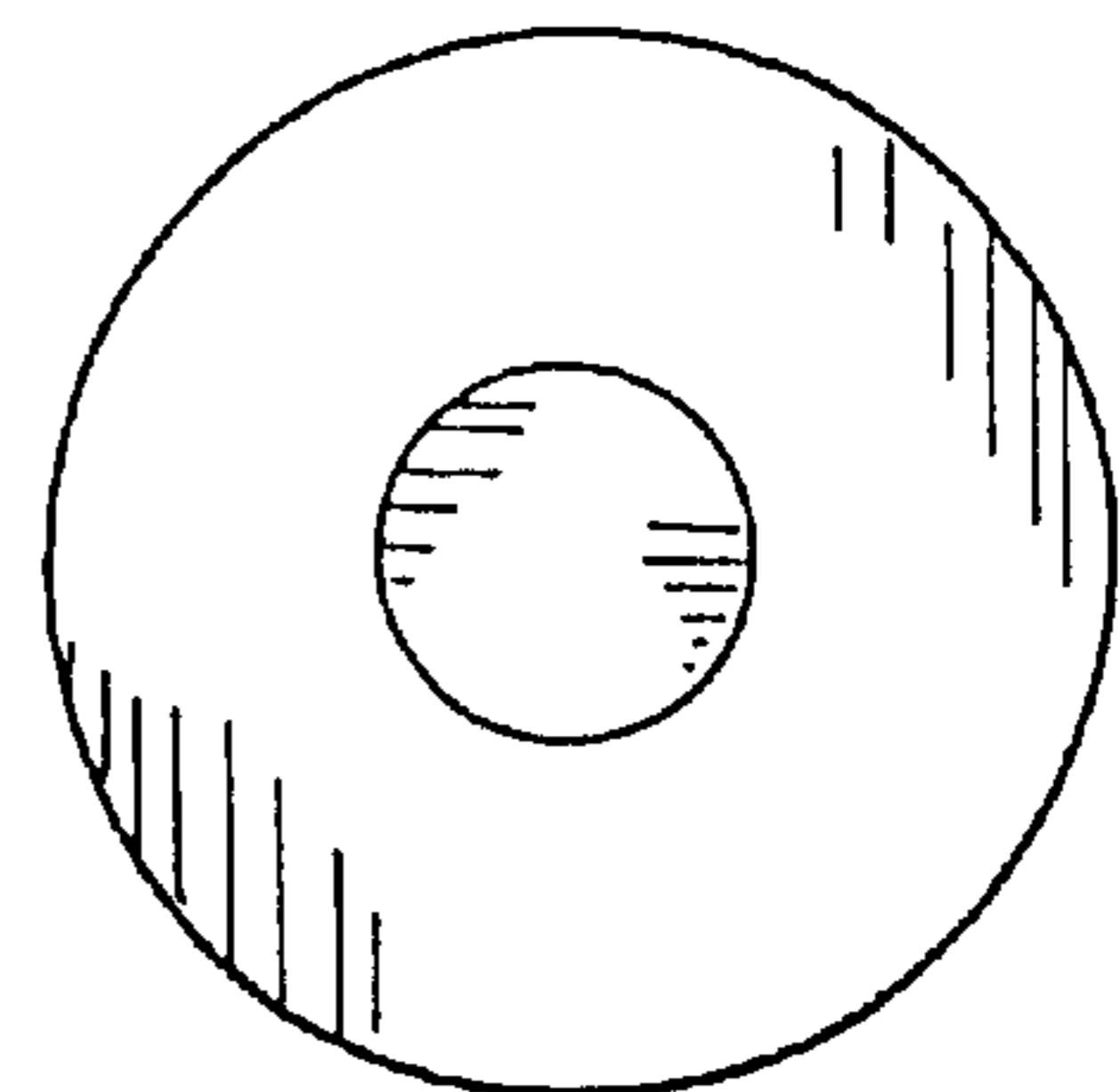


FIG. 21

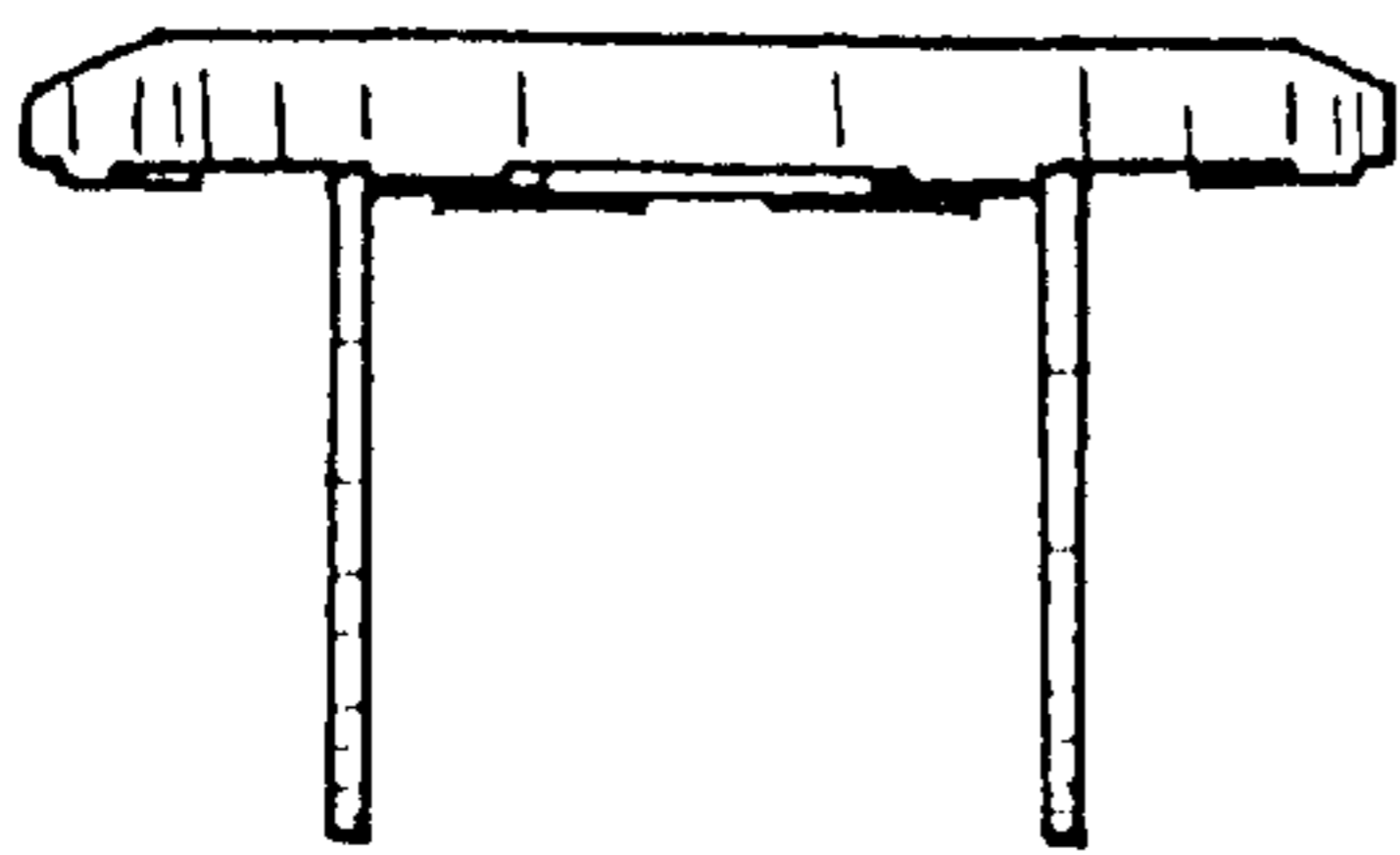


FIG. 22

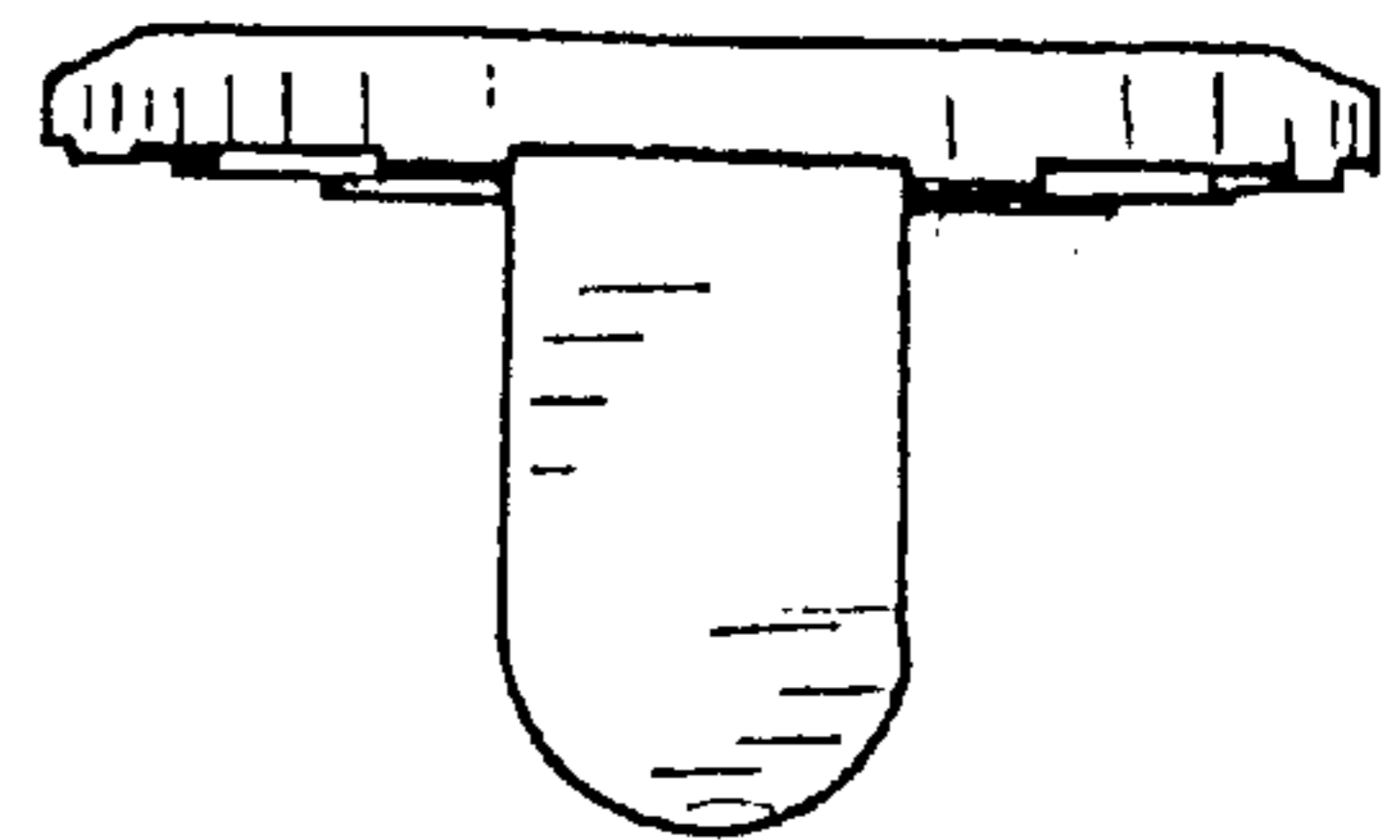


FIG. 23

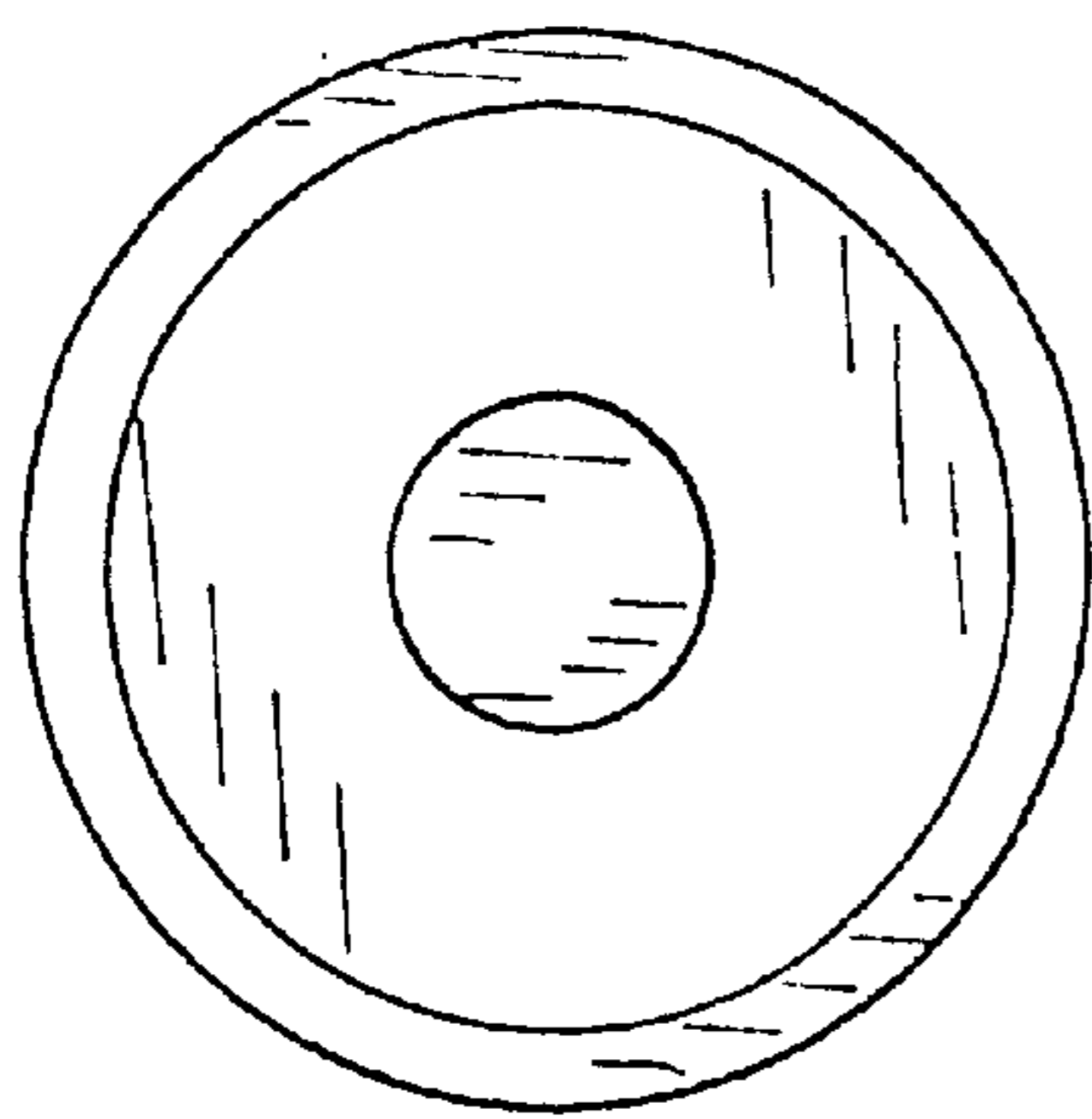


FIG. 24

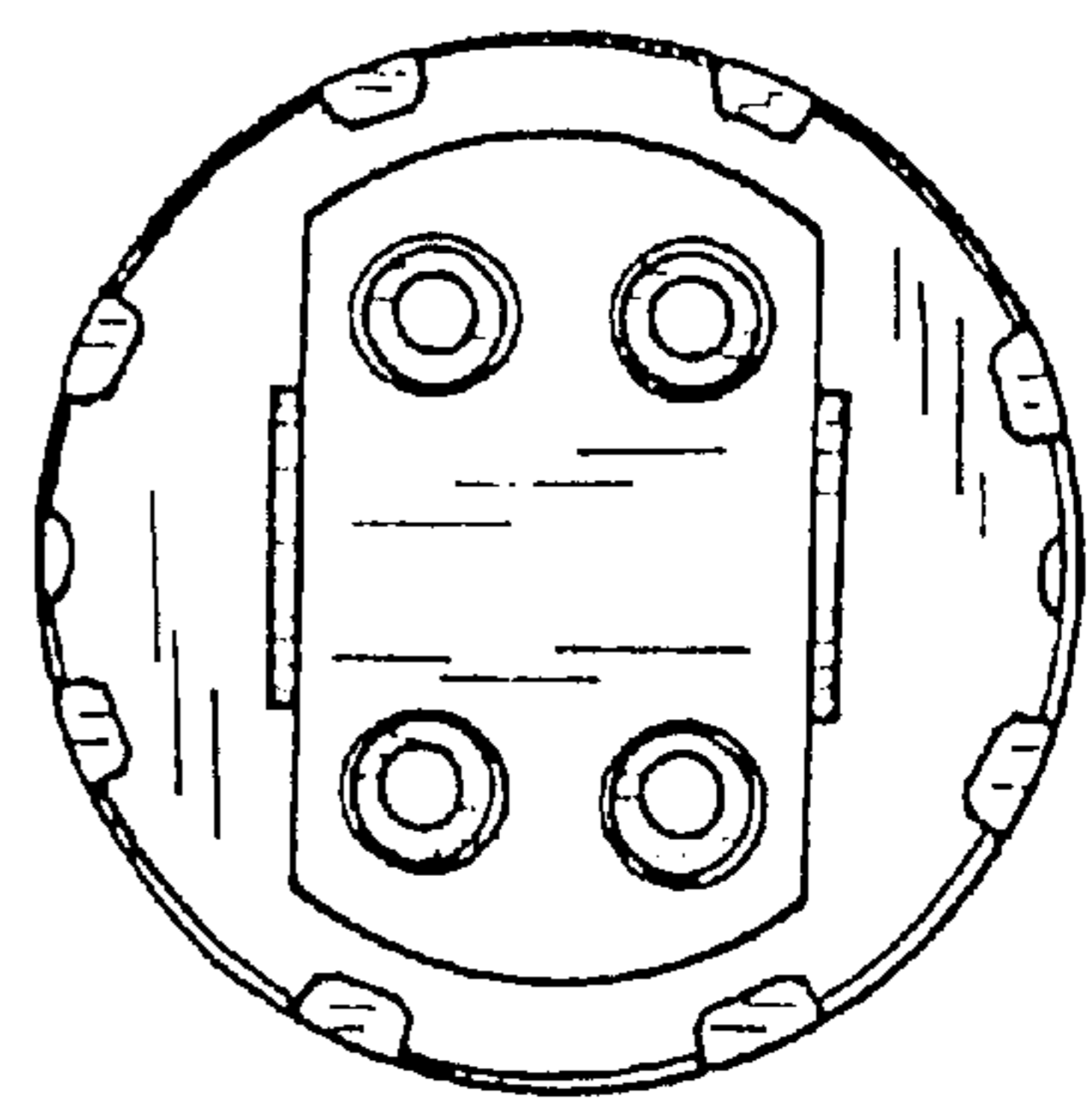


FIG. 25

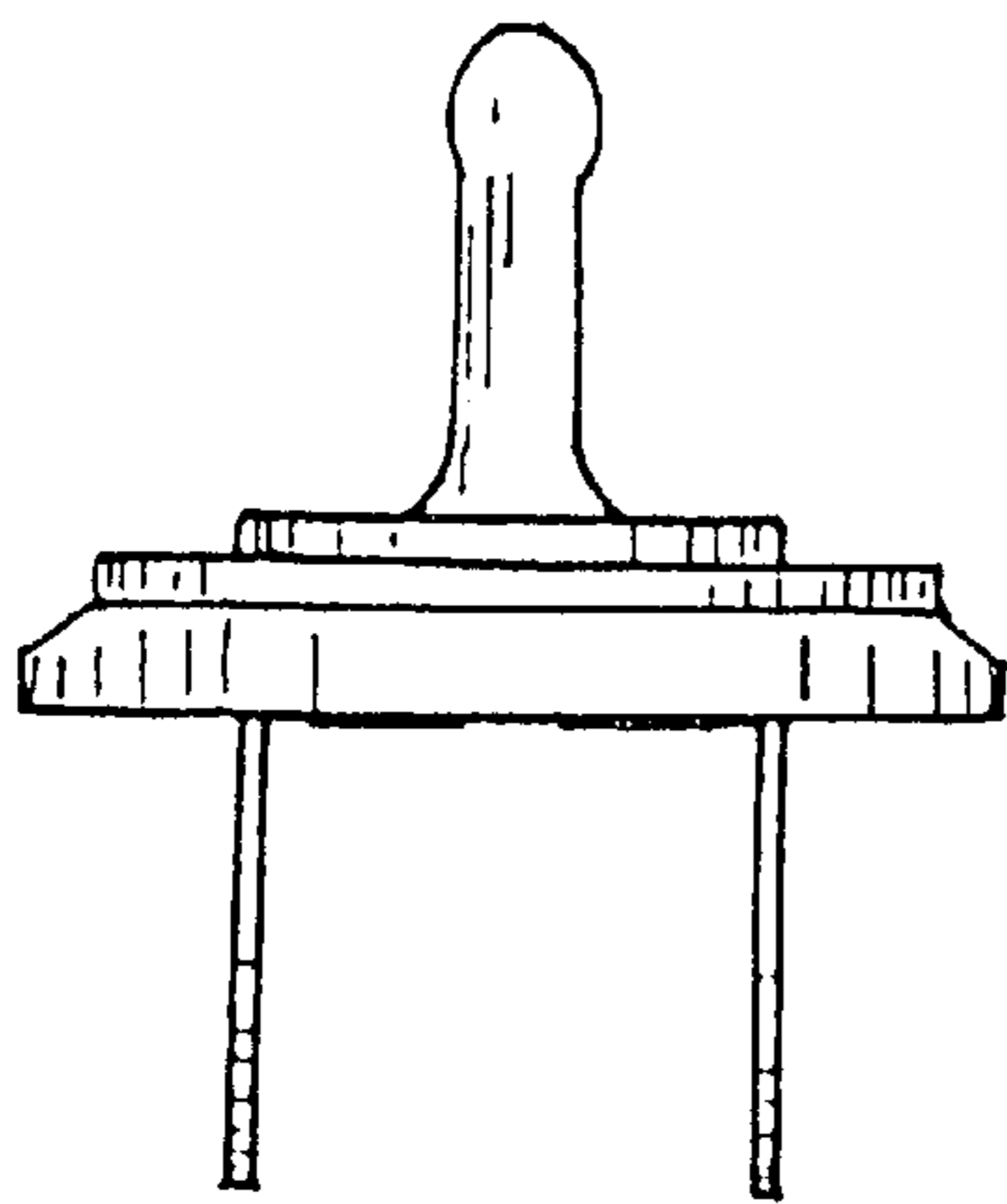


FIG. 26

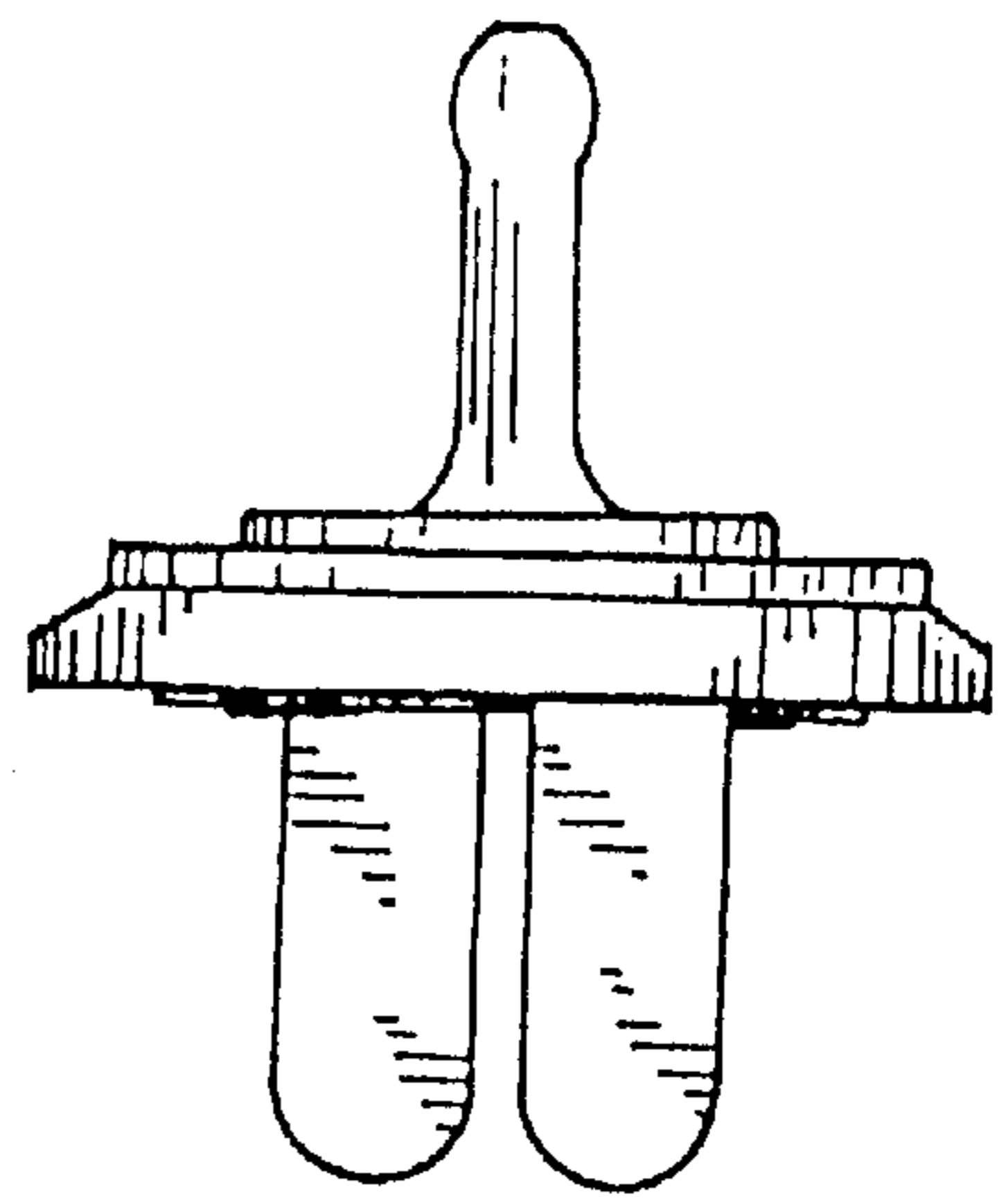


FIG. 27

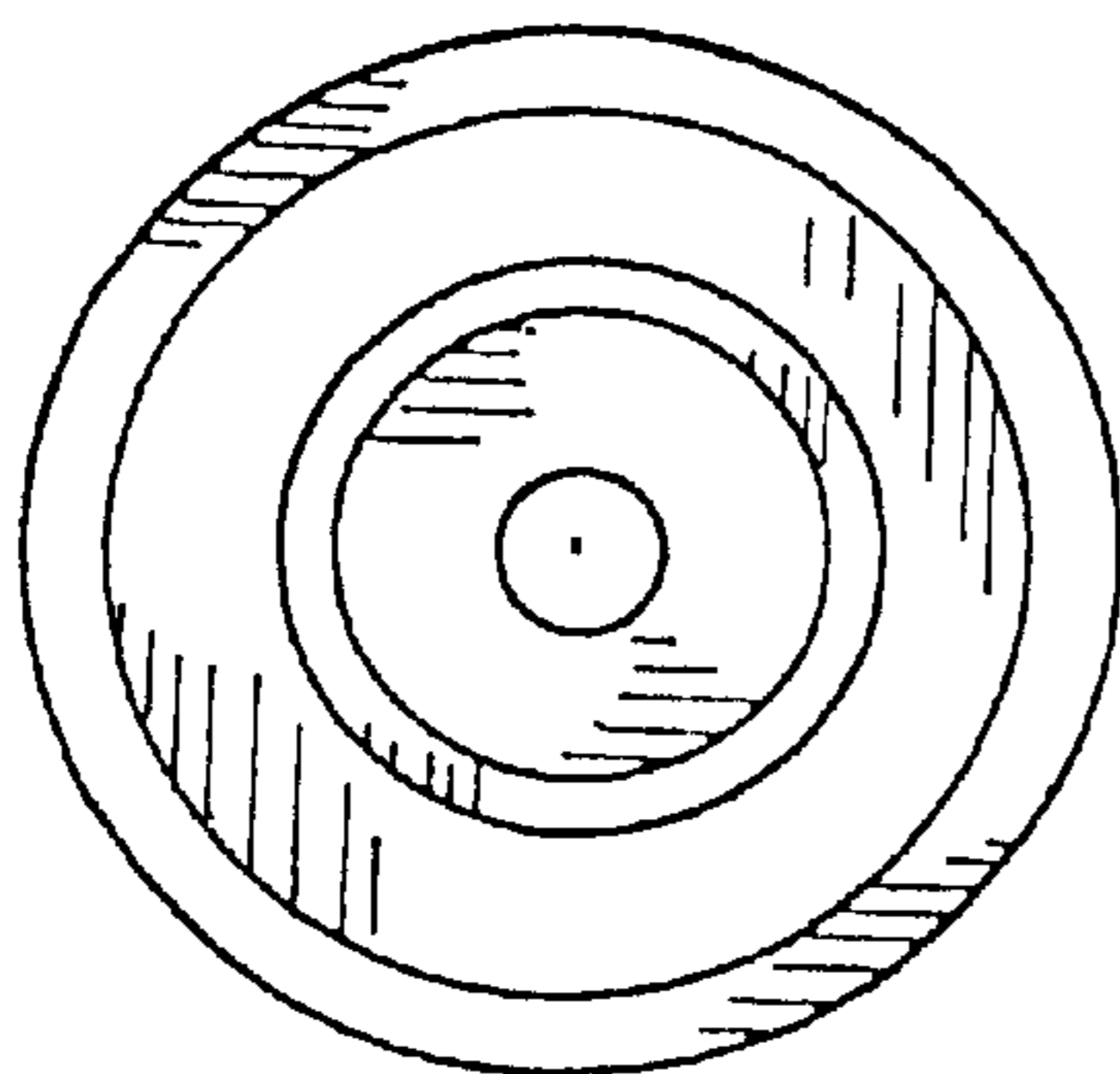


FIG. 28

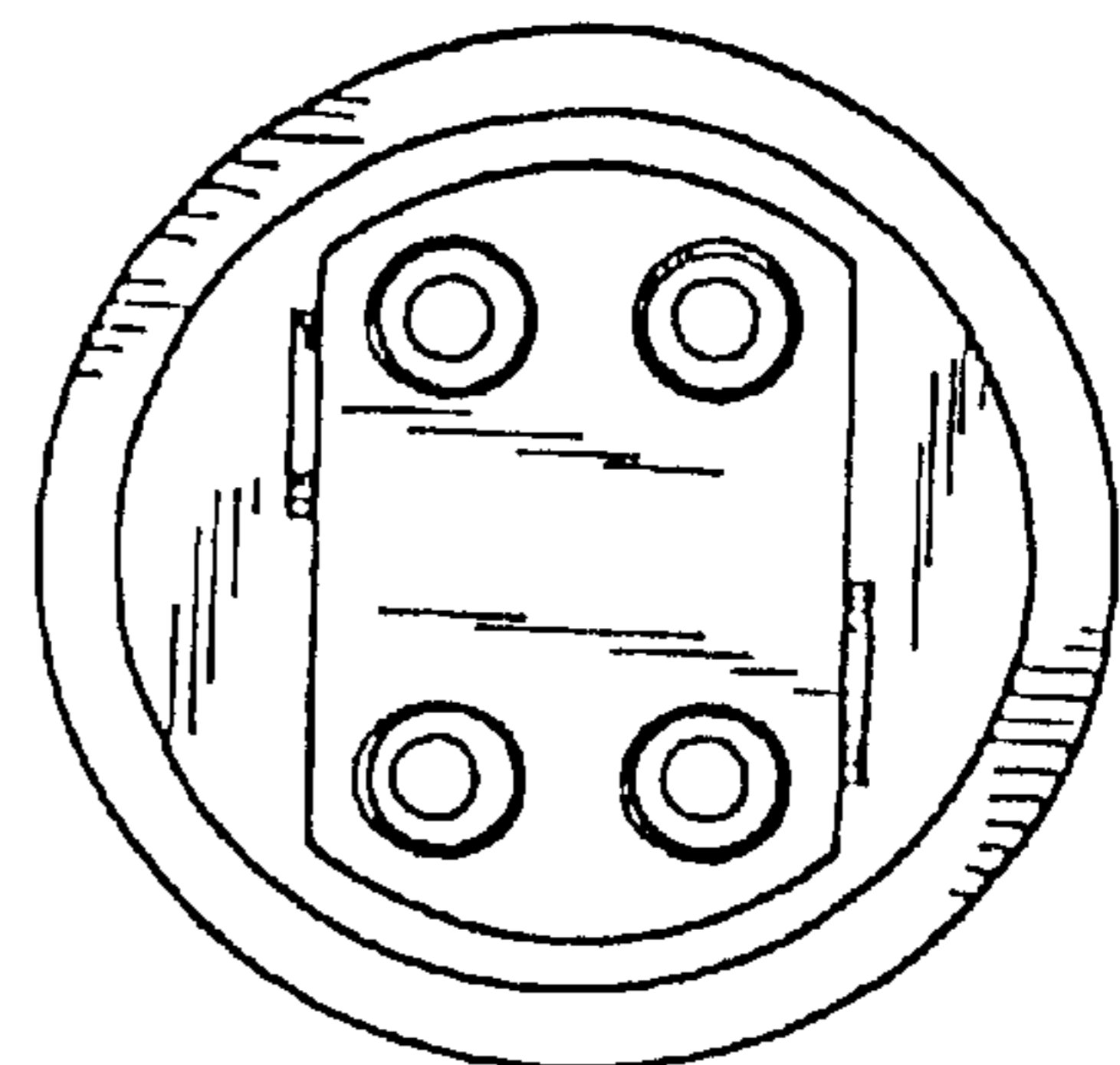


FIG. 29

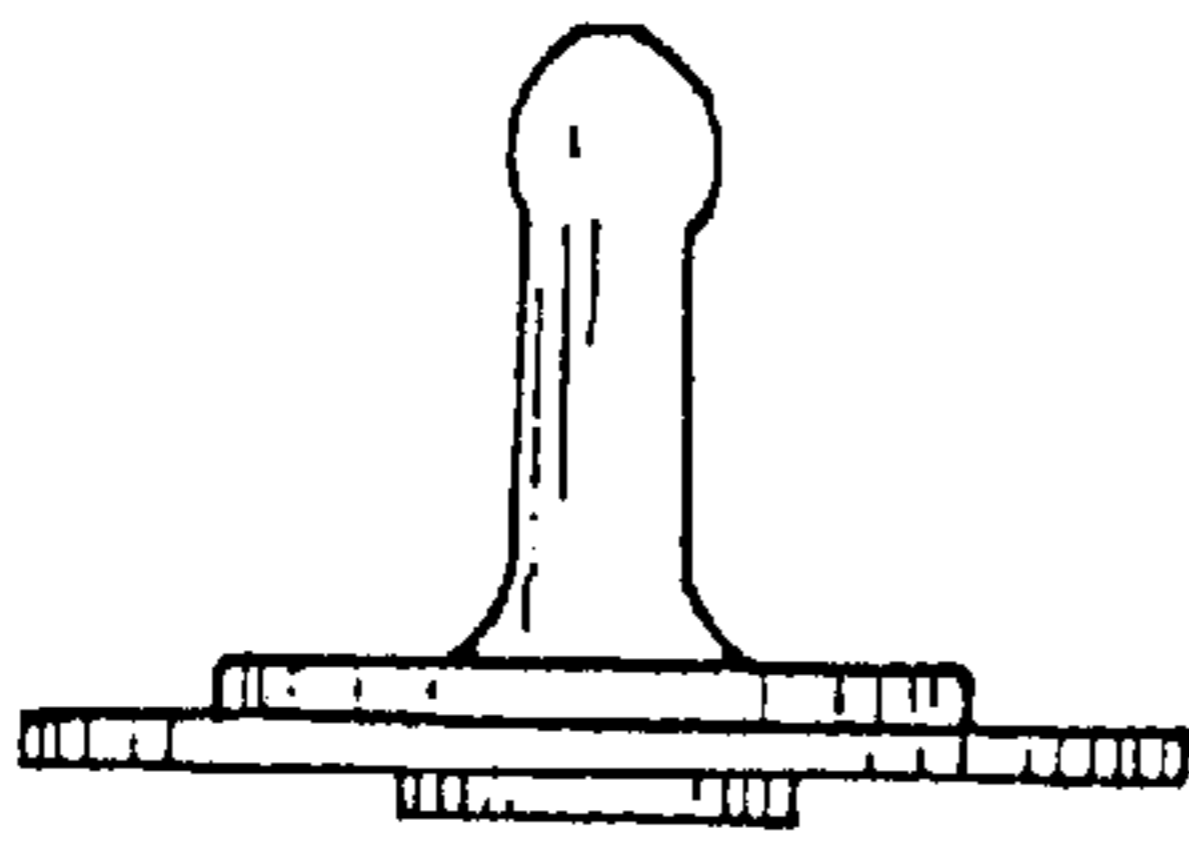


FIG. 30

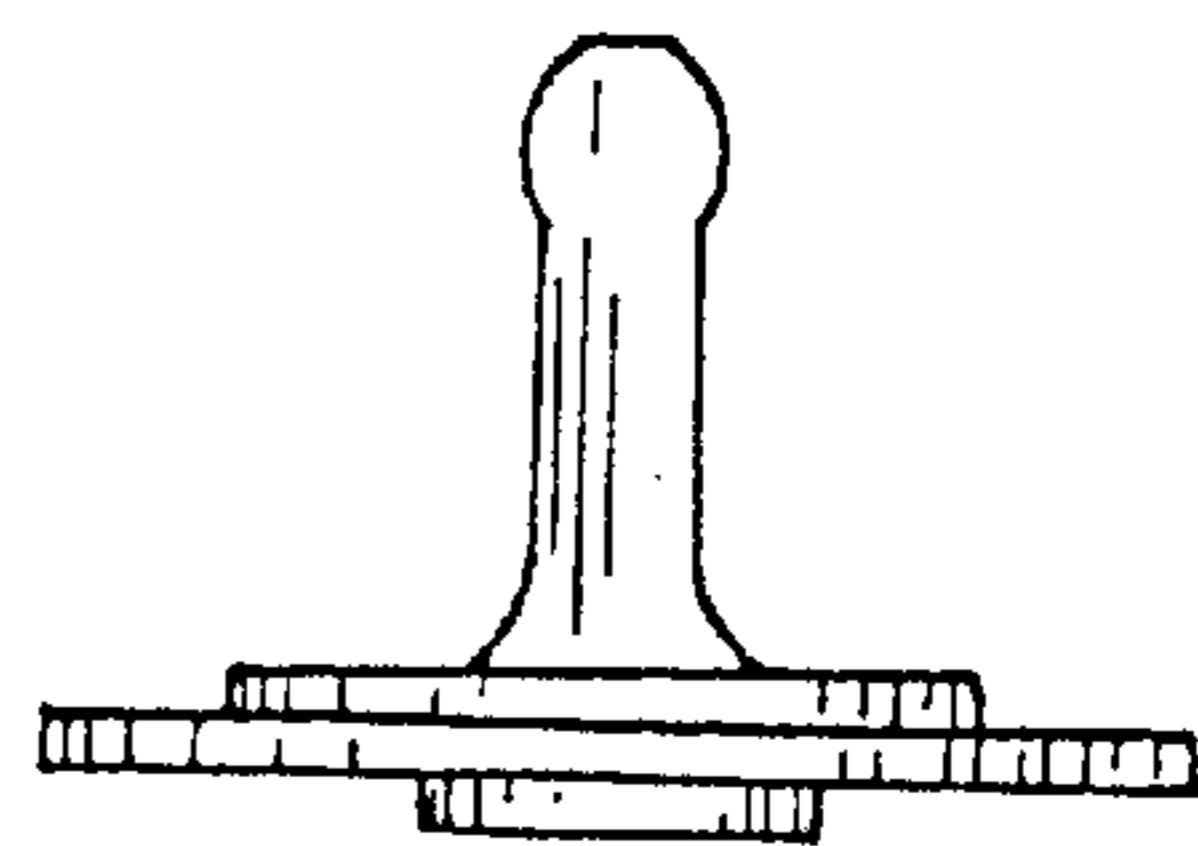


FIG. 31

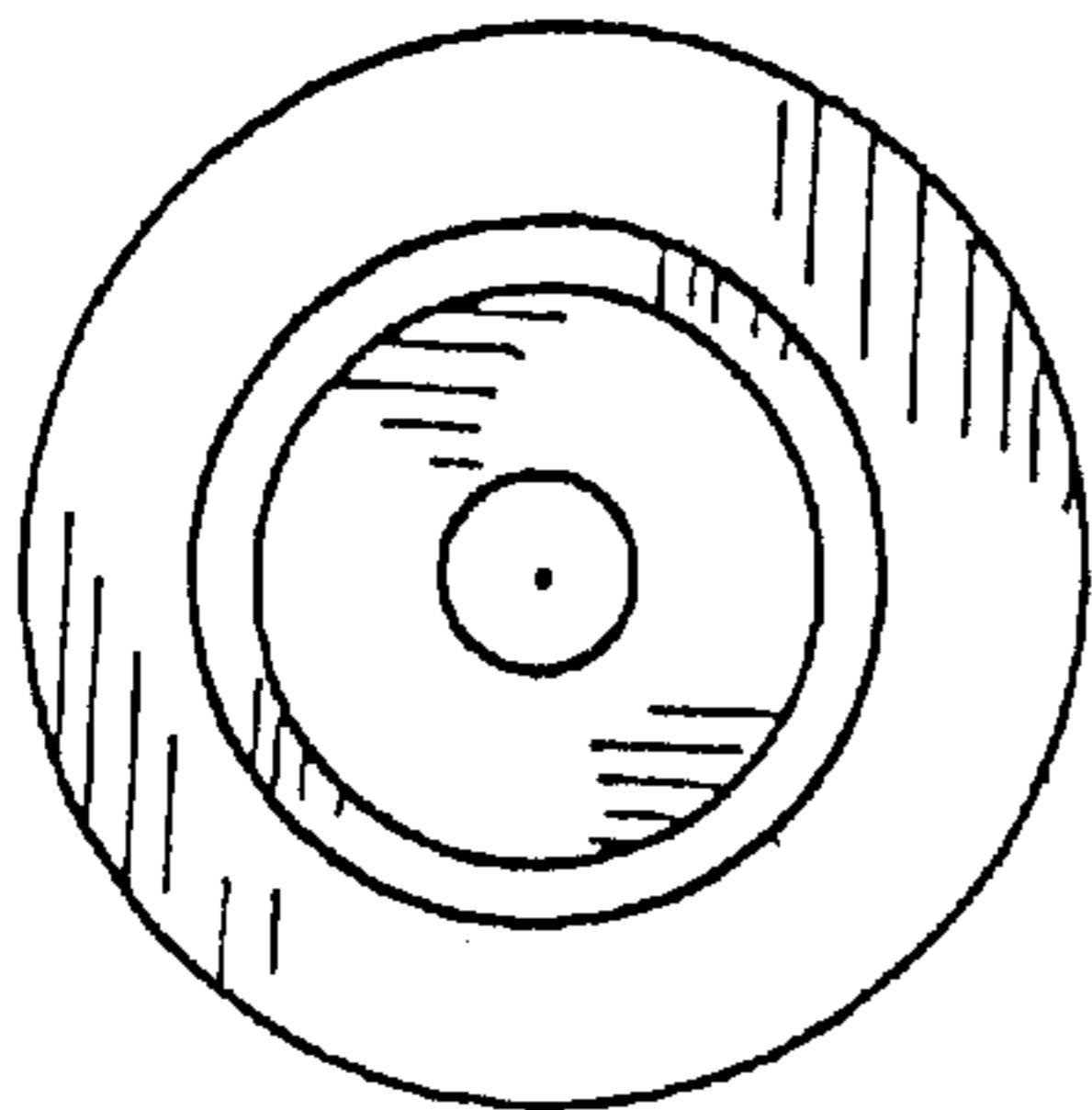


FIG. 32

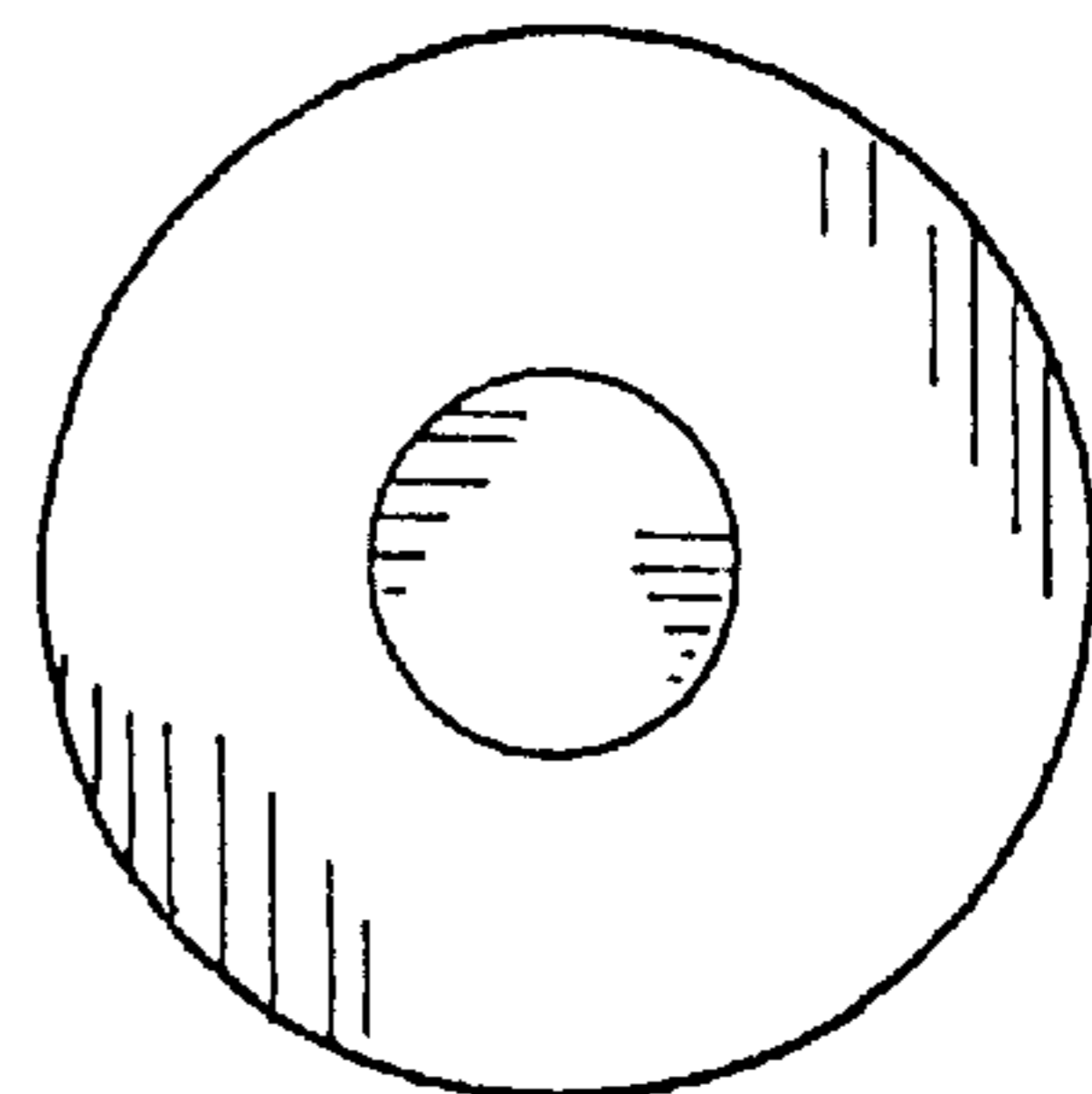


FIG. 33

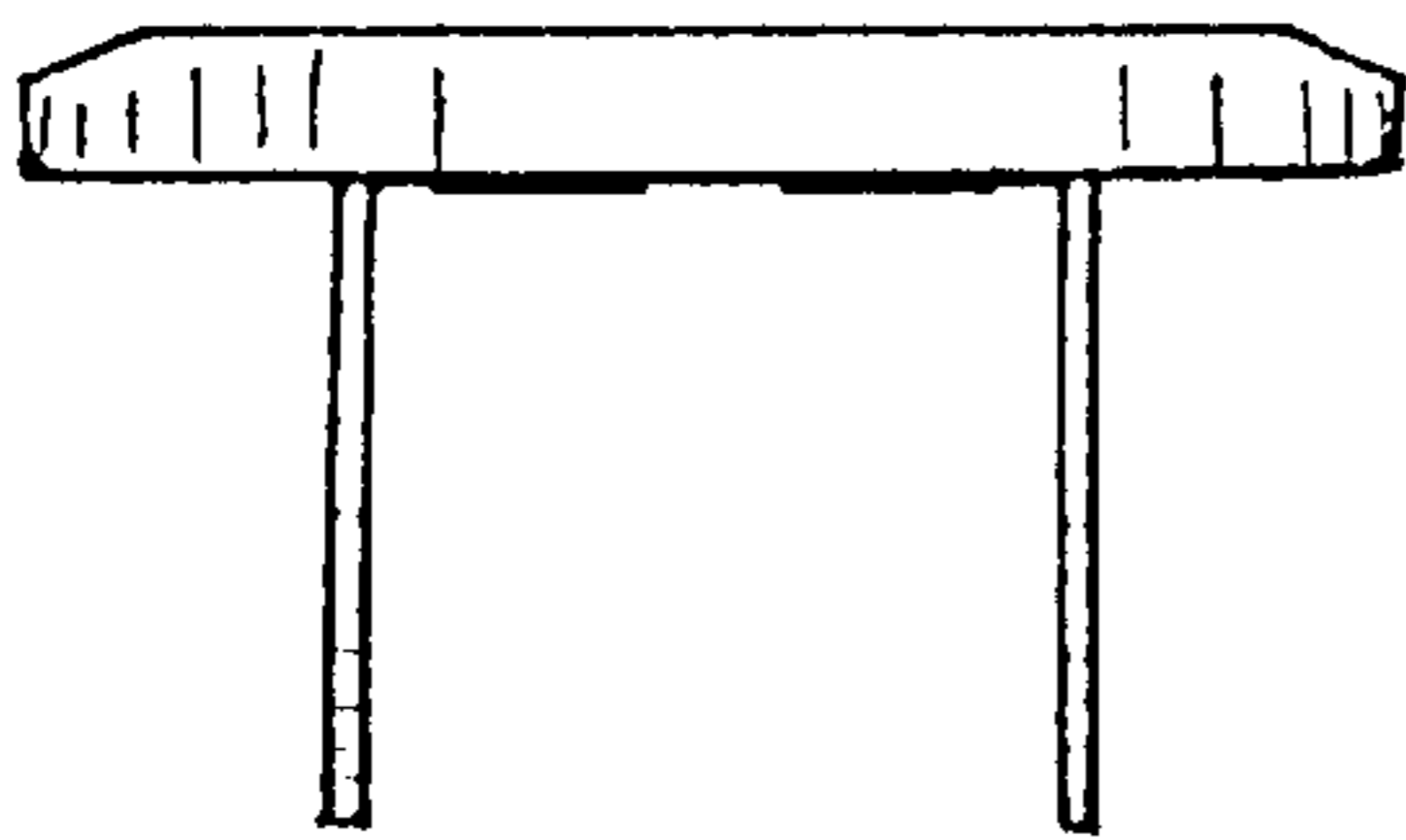


FIG. 34

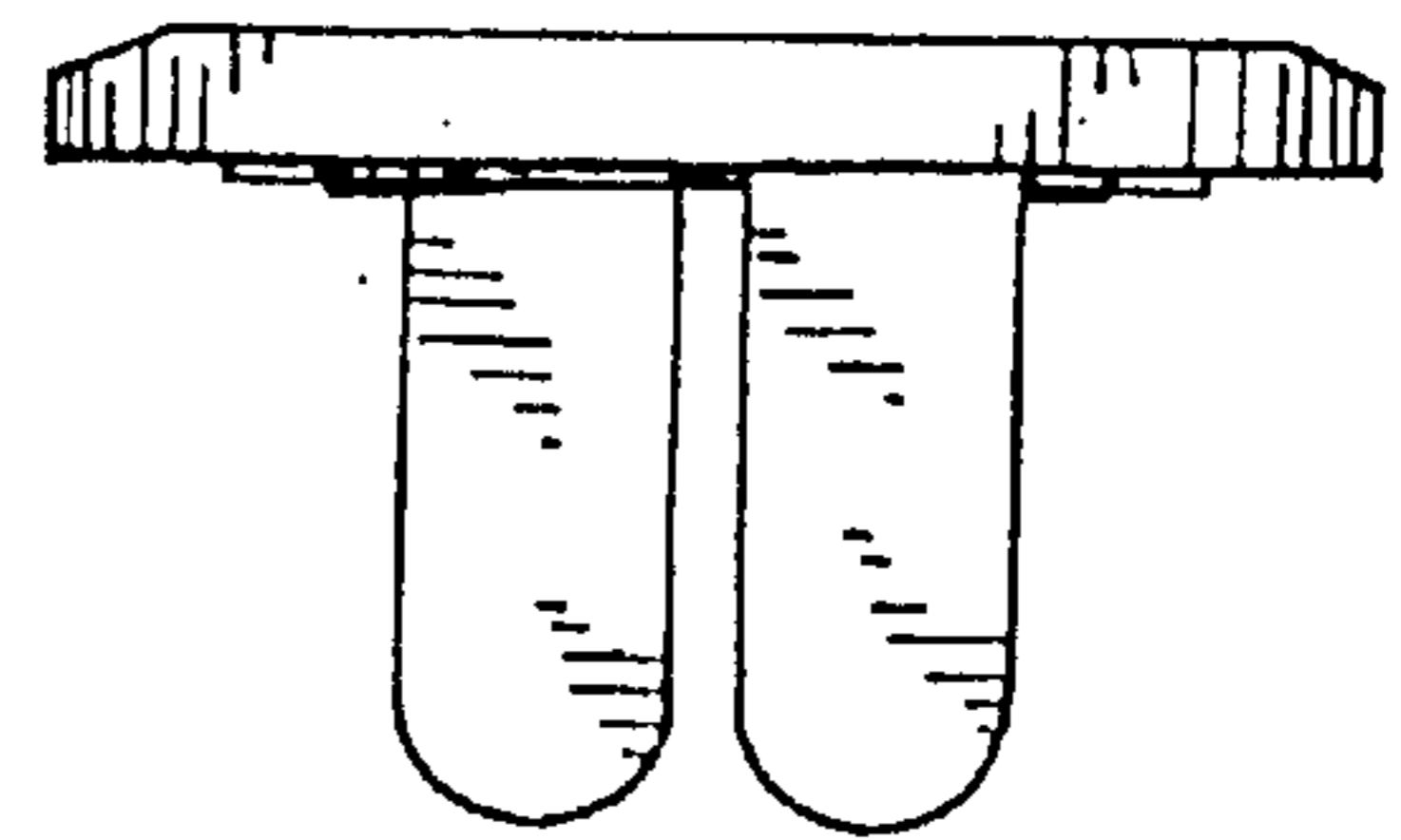


FIG. 35

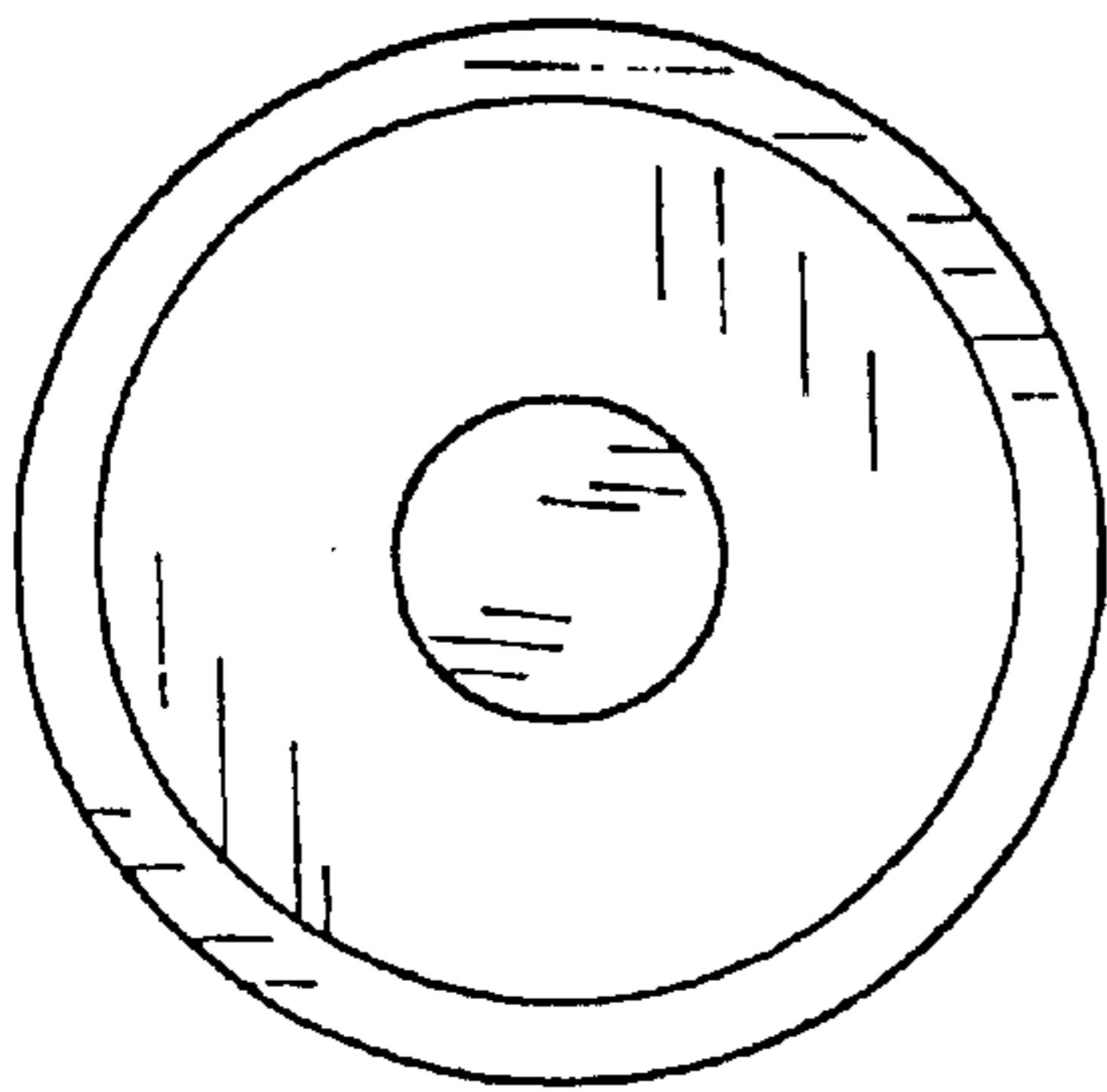


FIG. 36

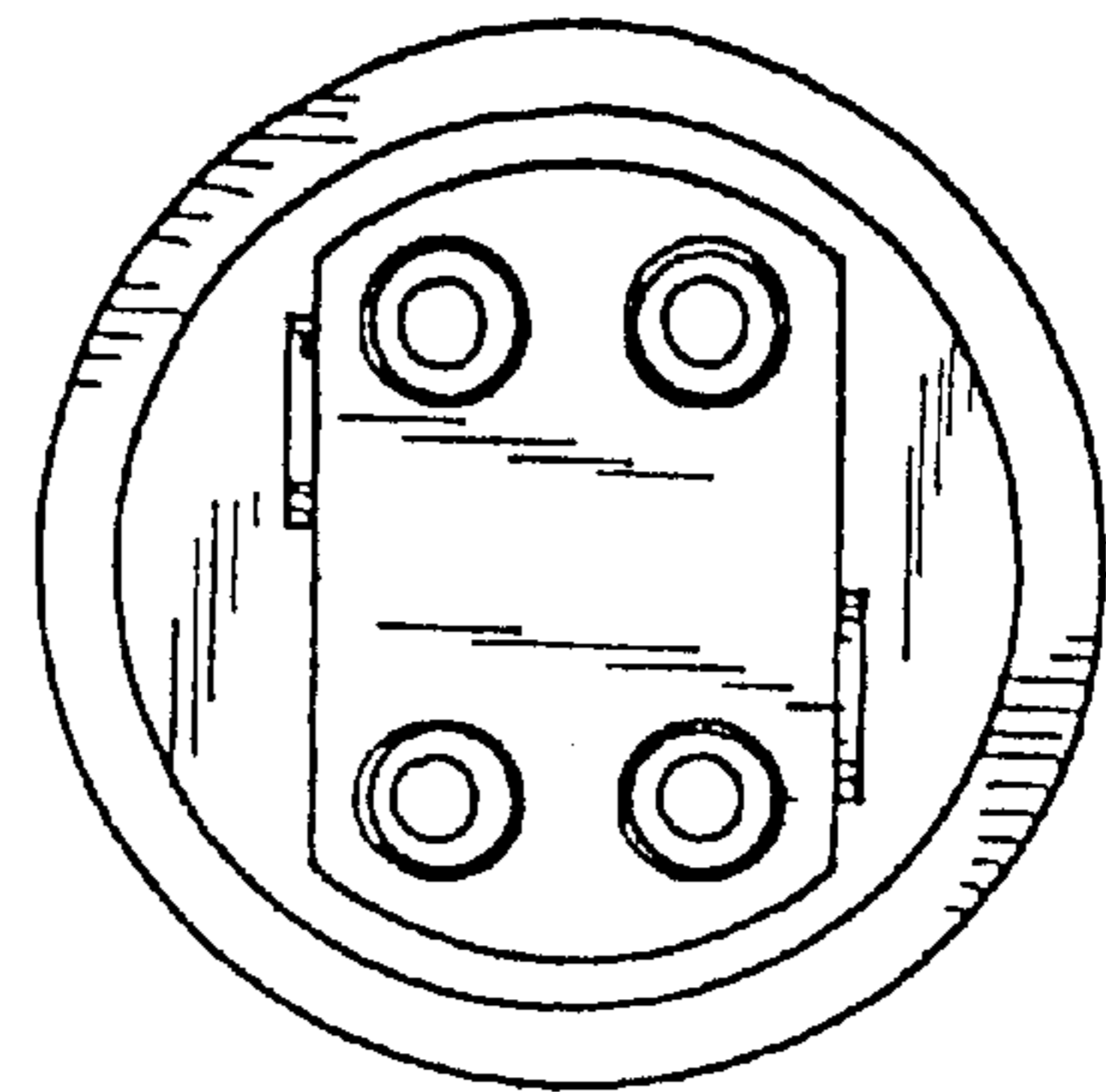


FIG. 37

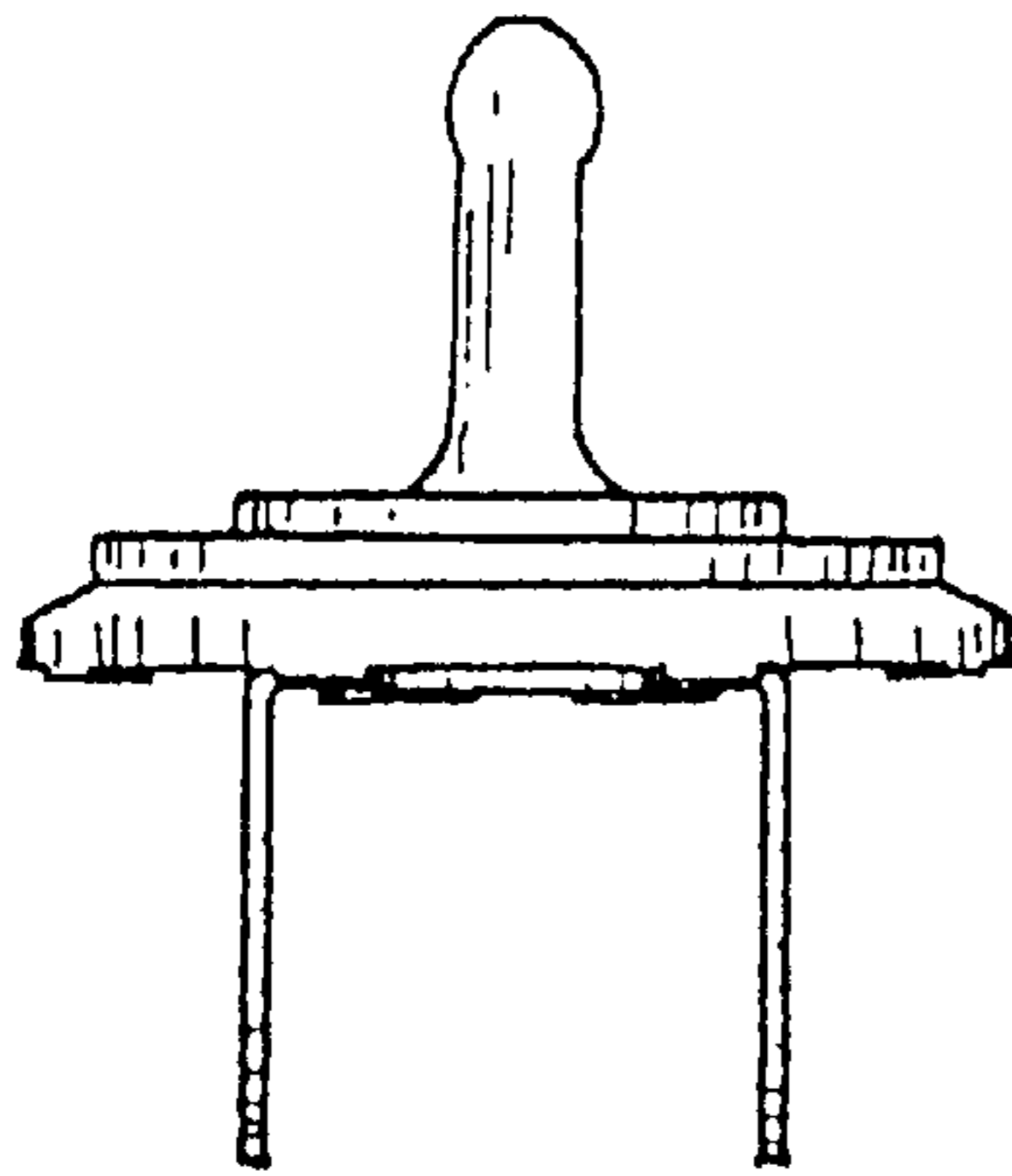


FIG. 38

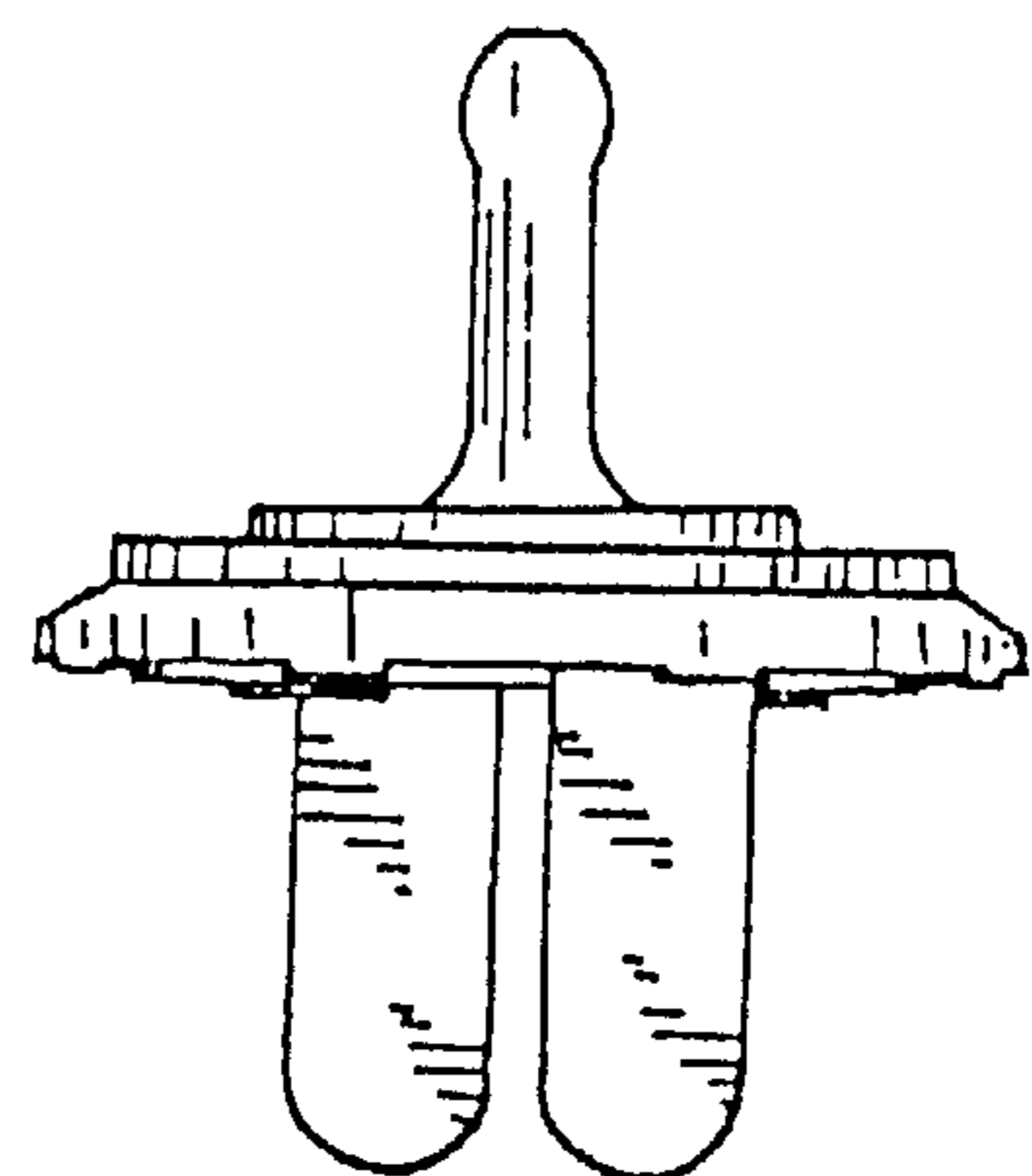


FIG. 39

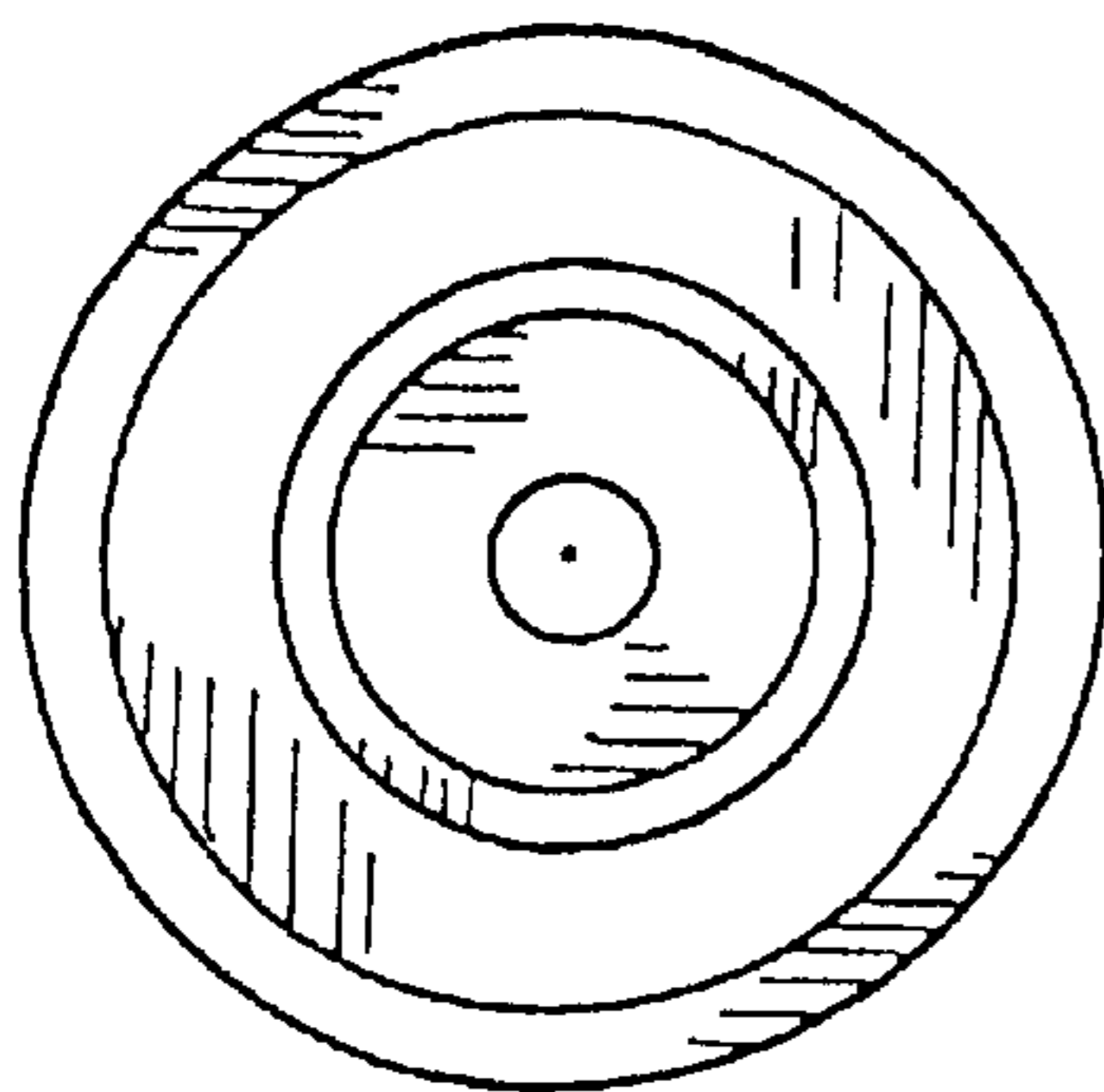


FIG. 40

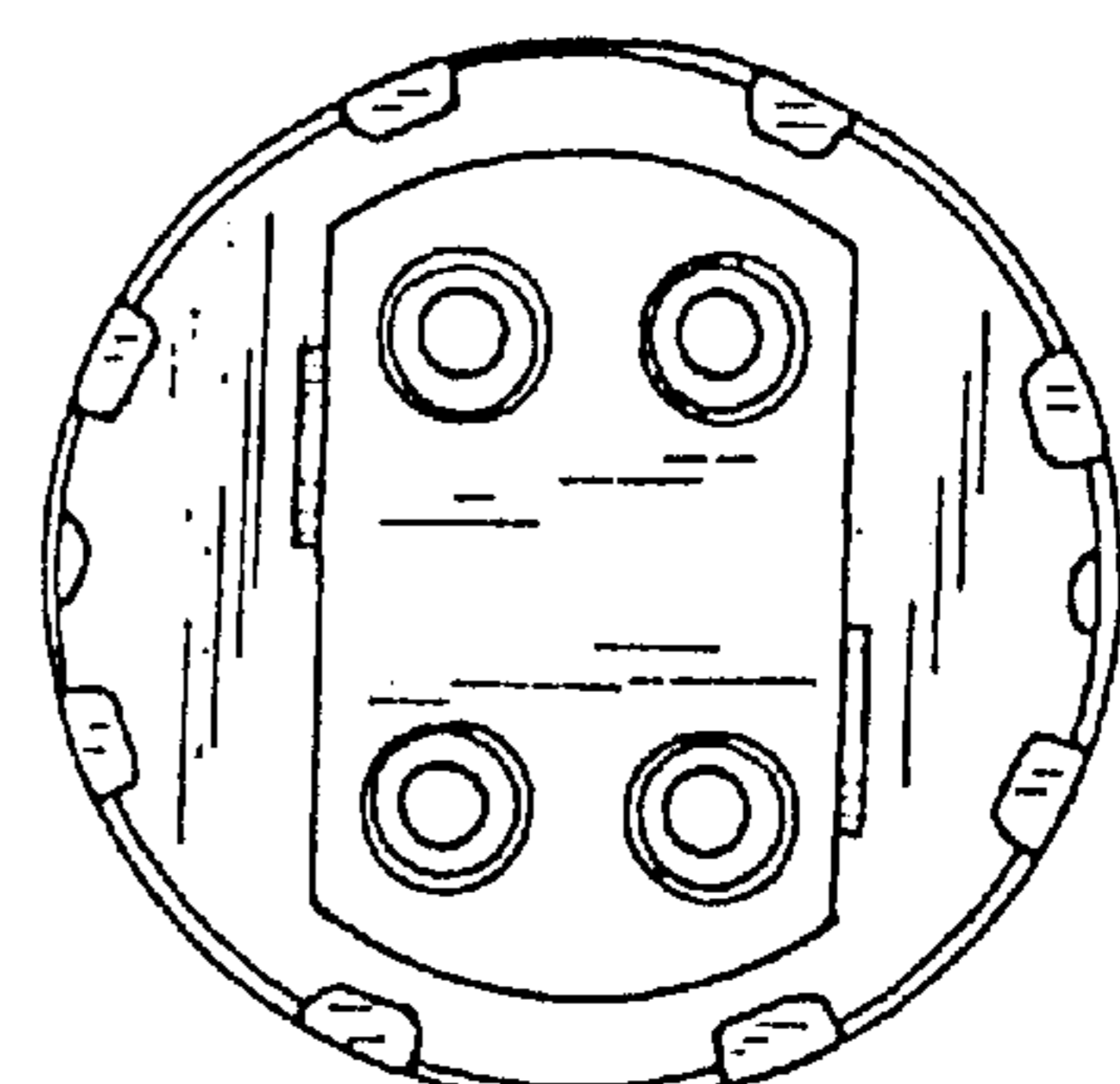


FIG. 41

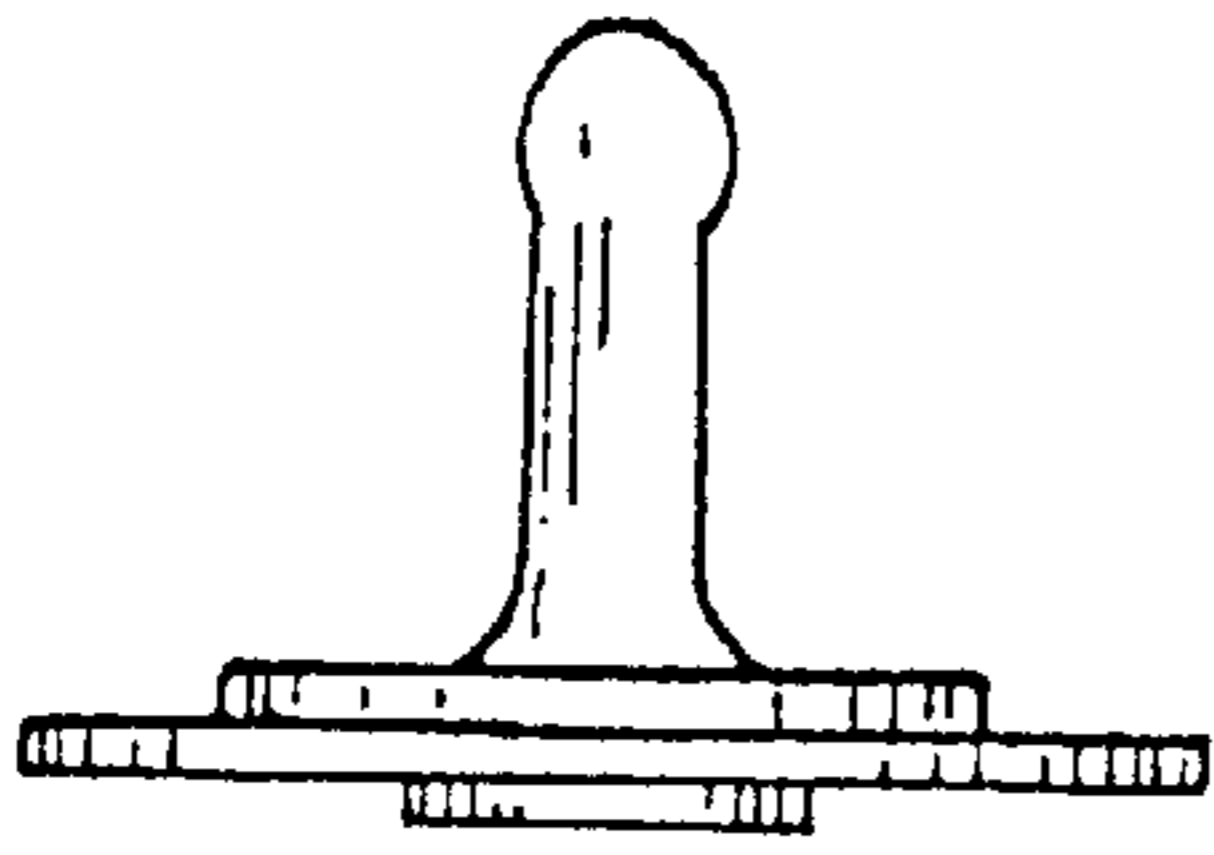


FIG. 42

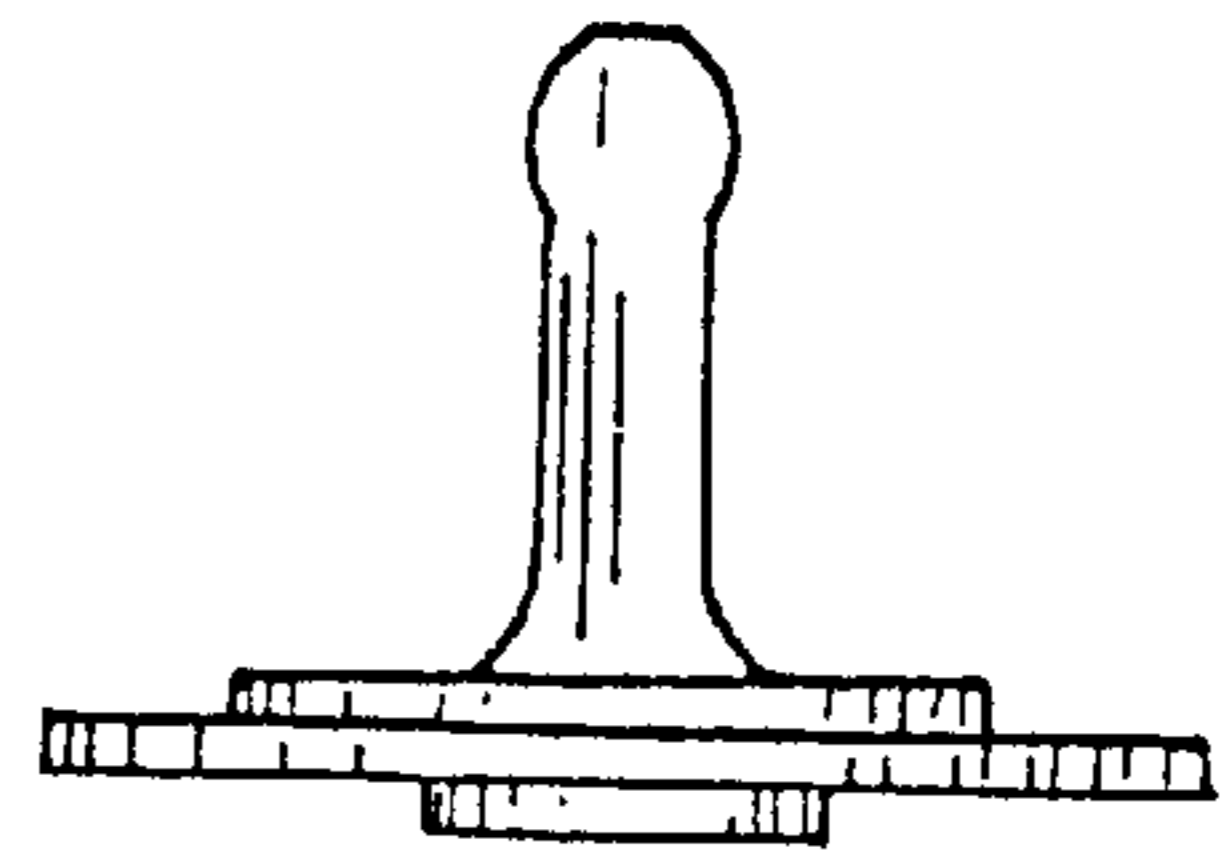


FIG. 43

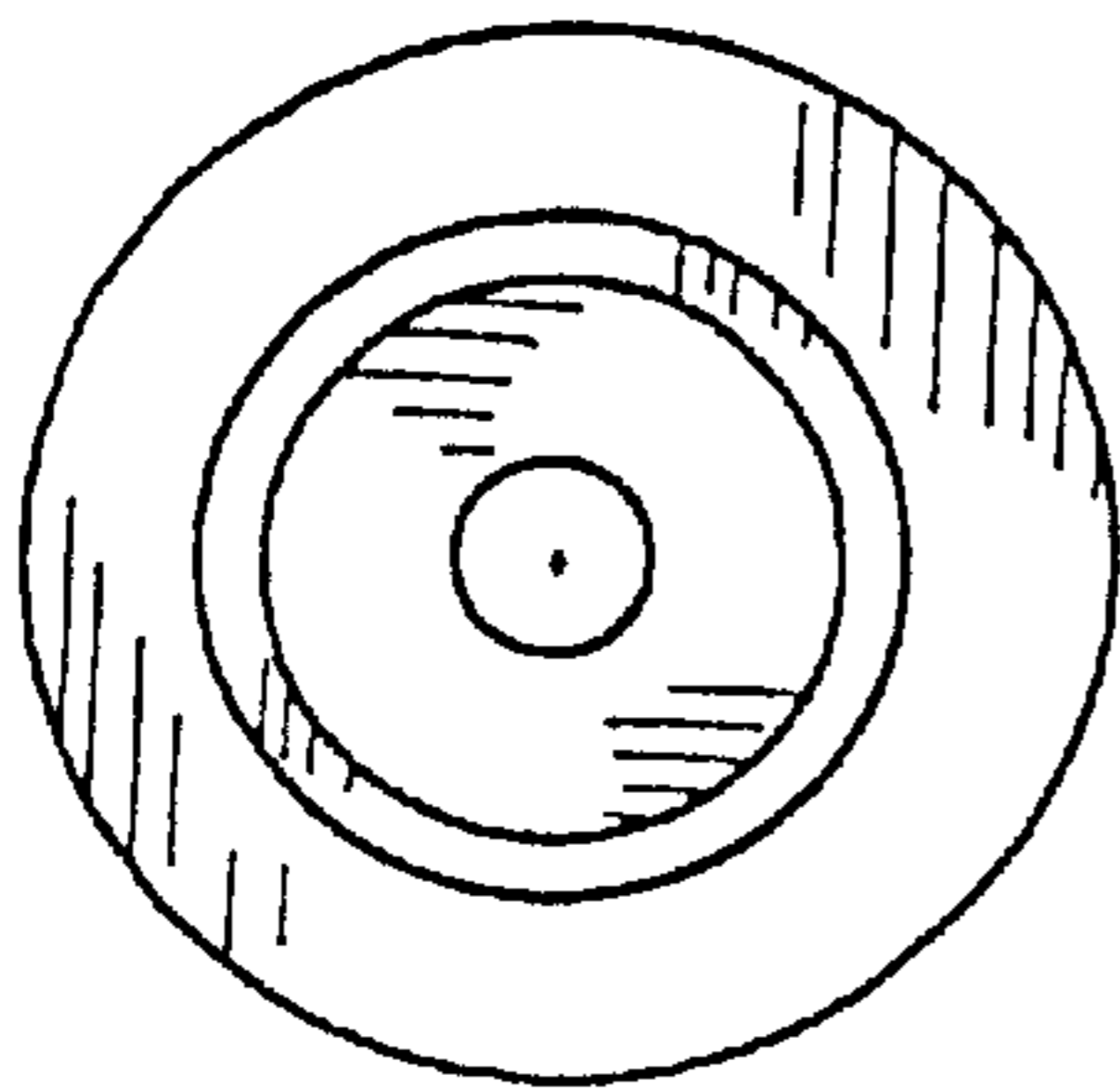


FIG. 44

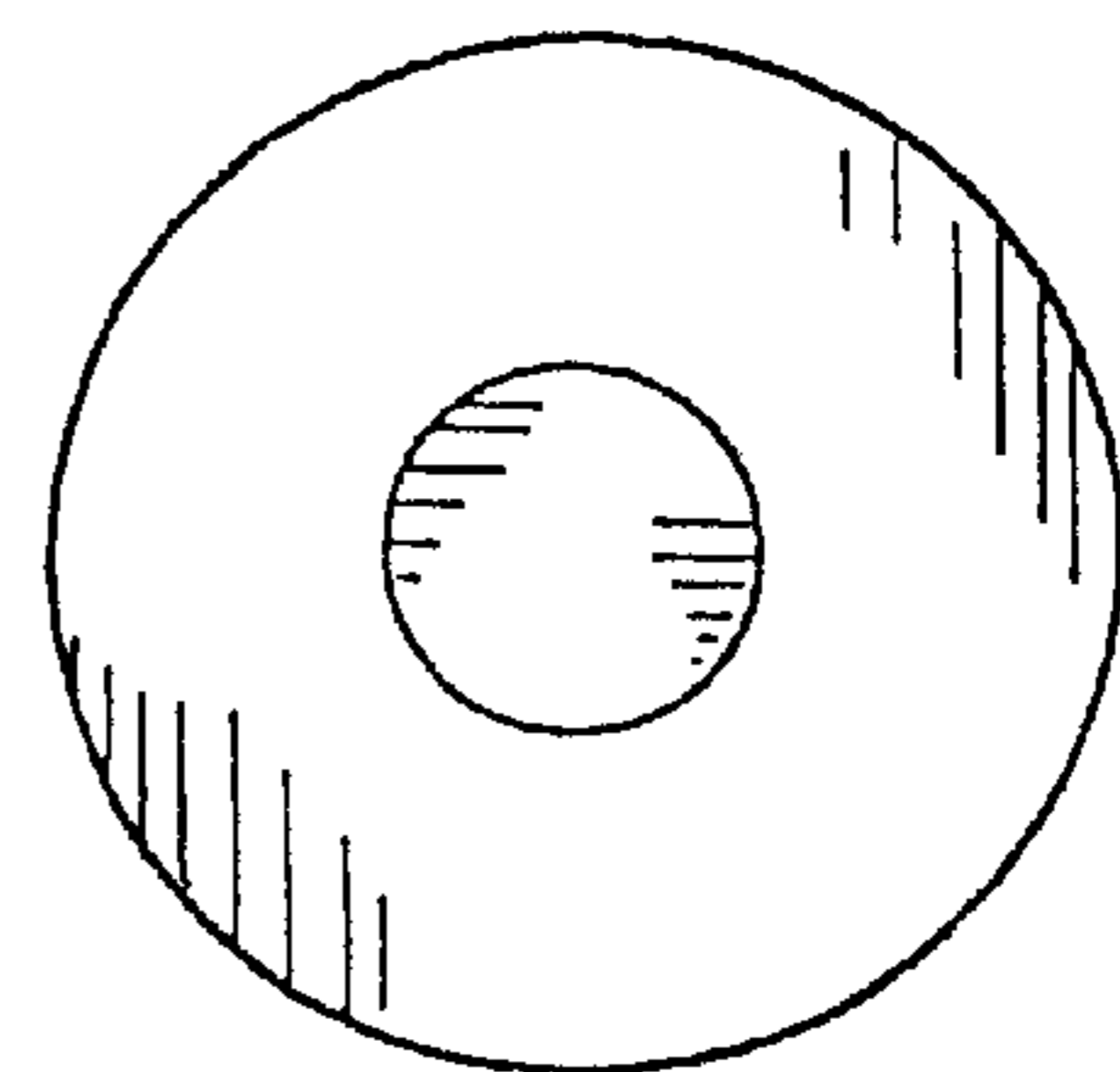


FIG. 45

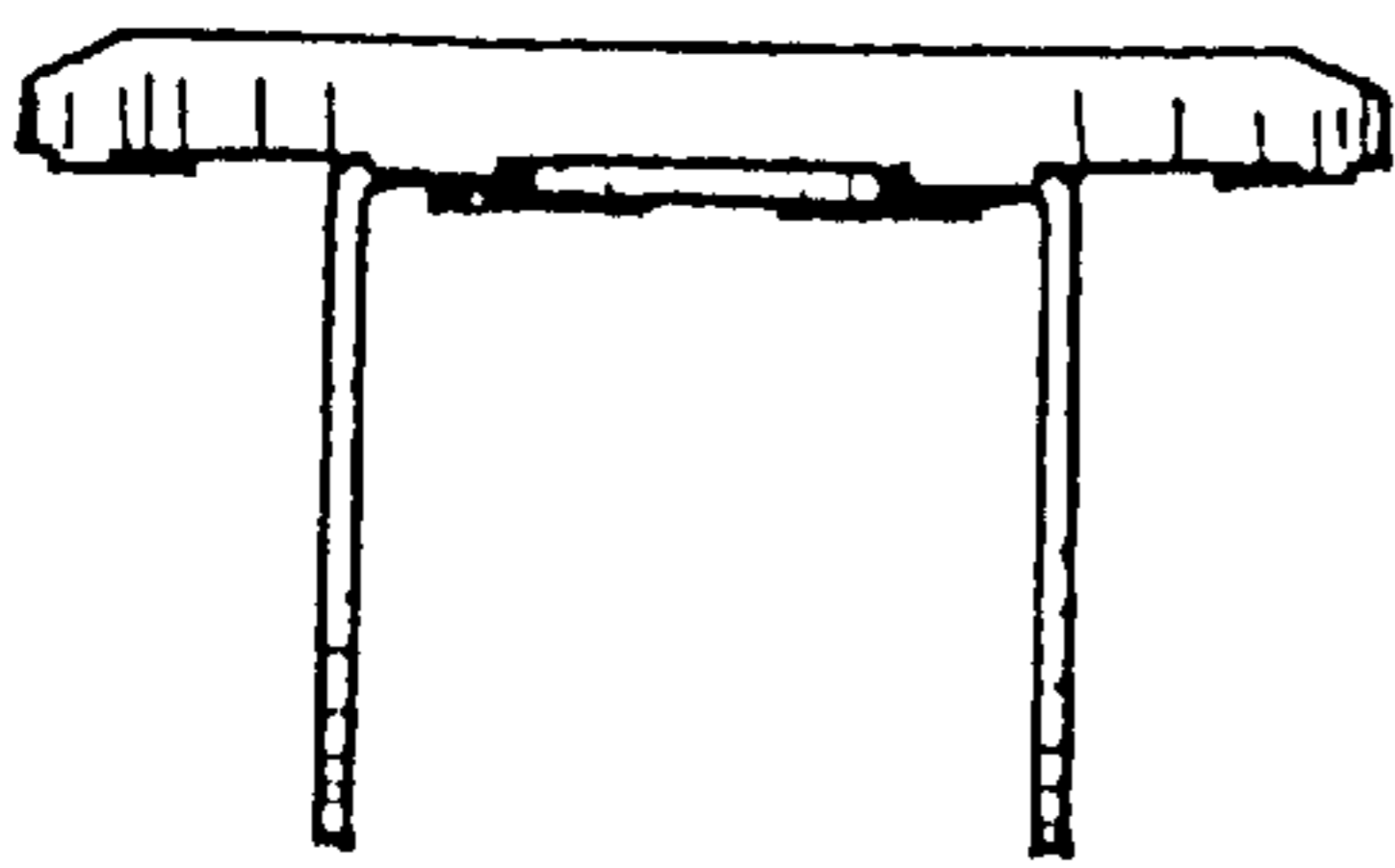


FIG. 46

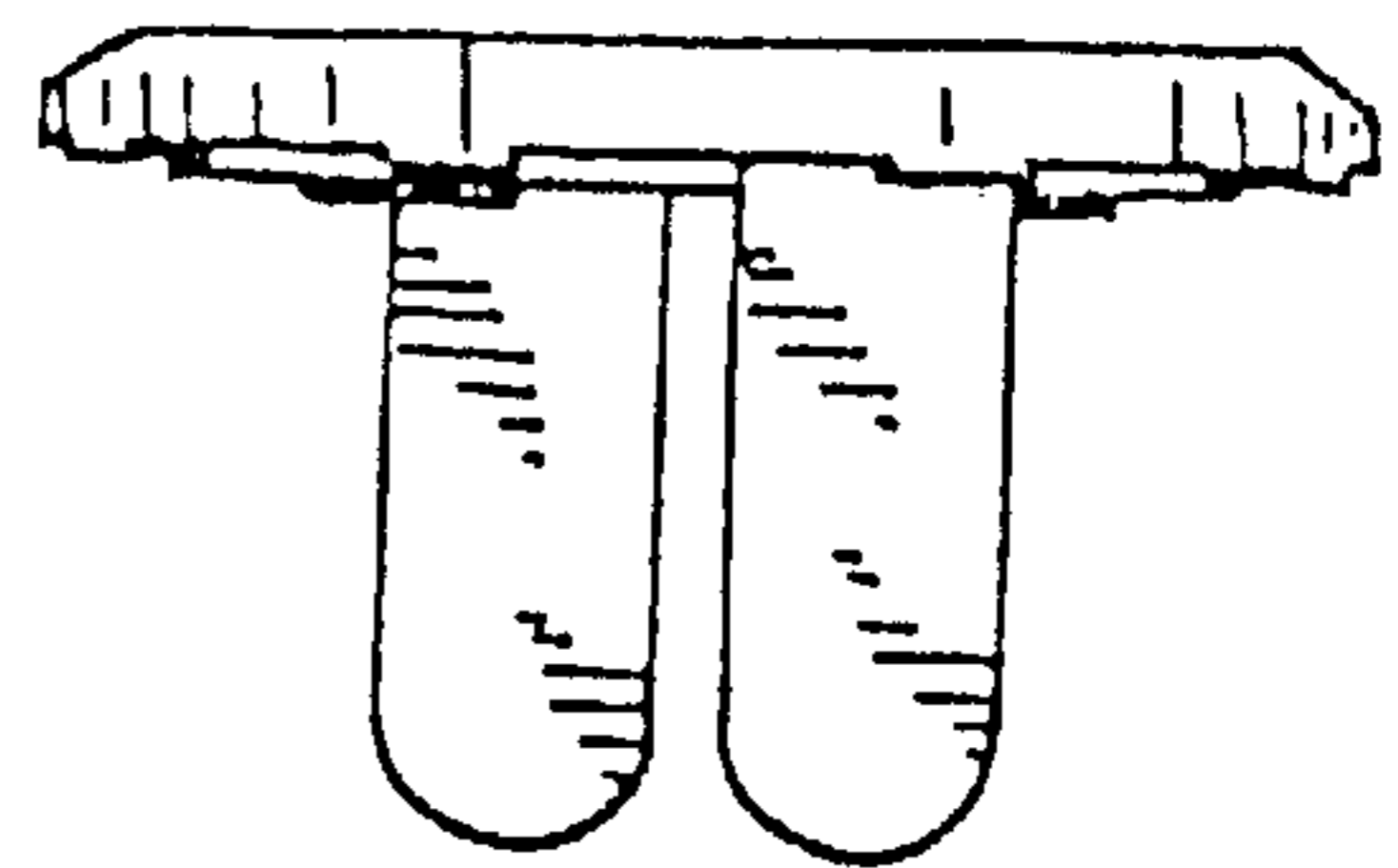


FIG. 47

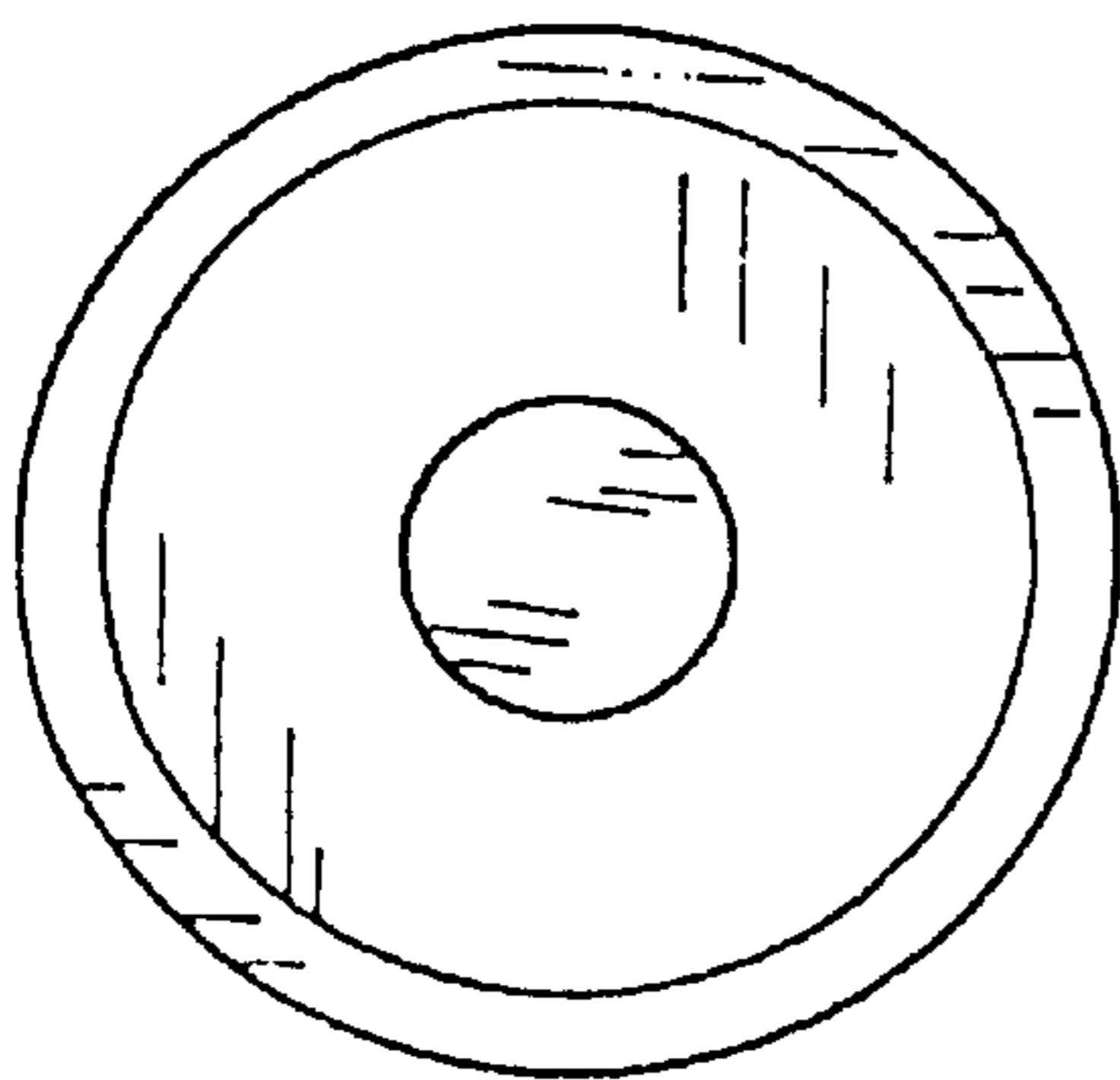


FIG. 48

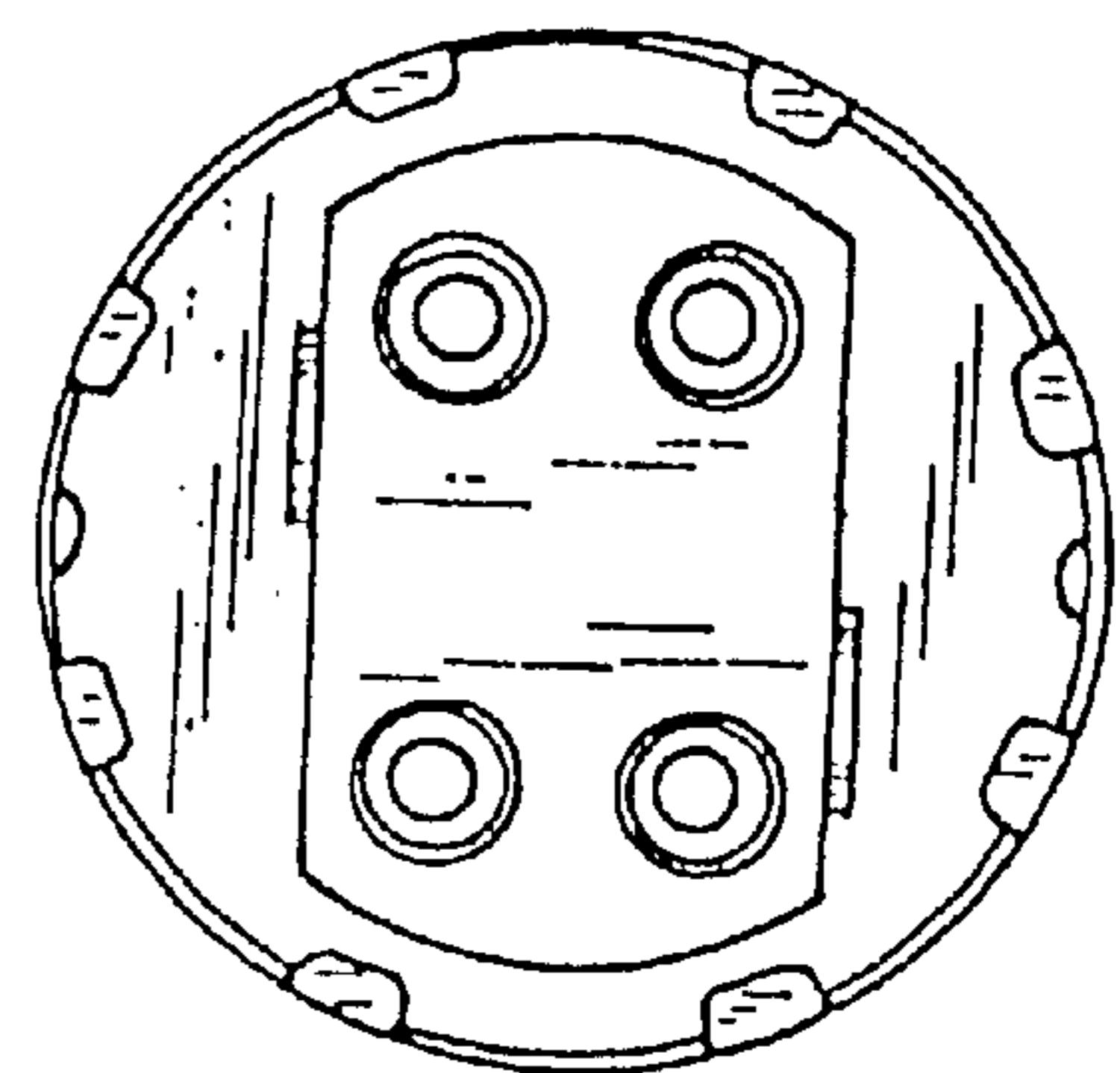


FIG. 49

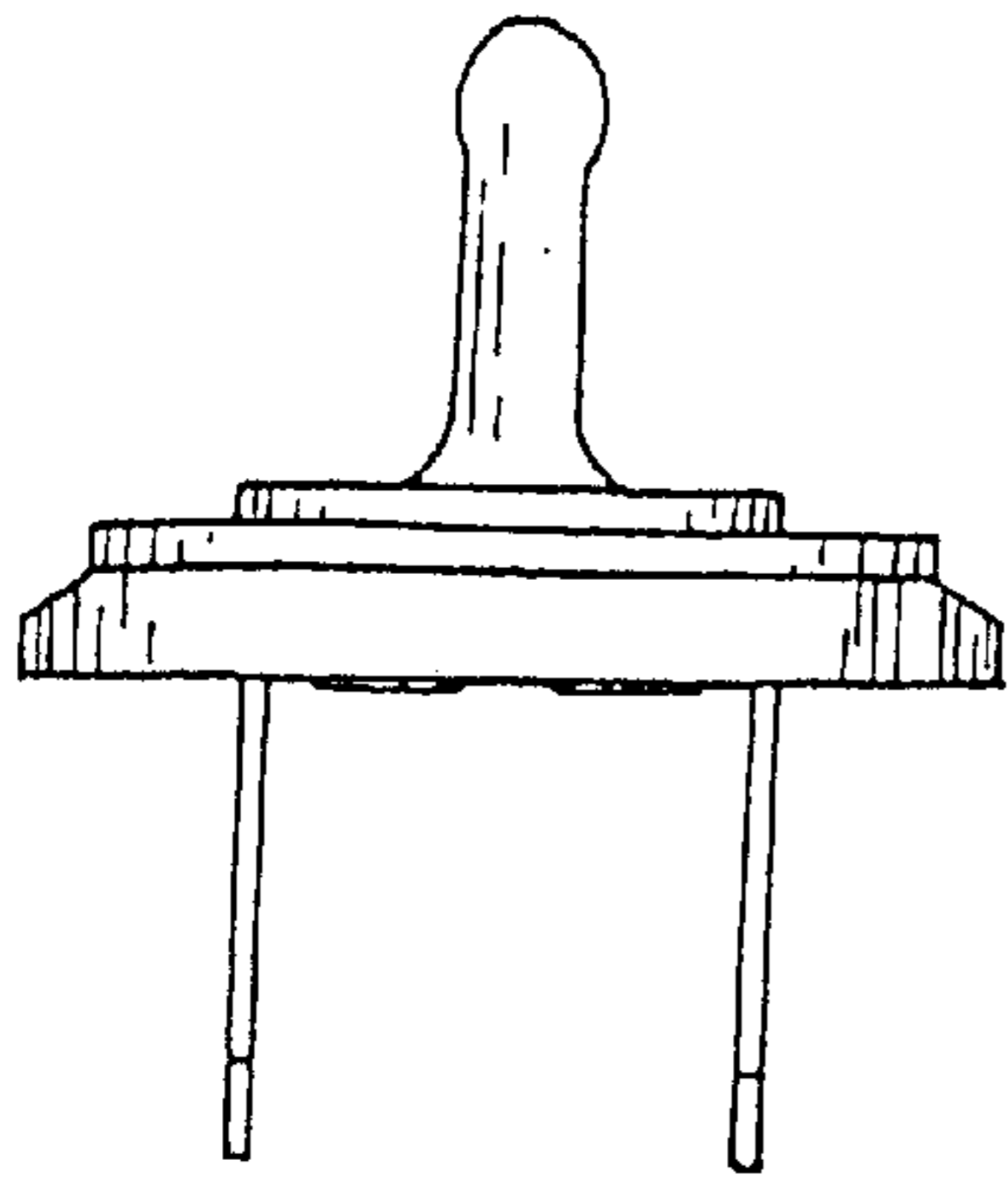


FIG. 50

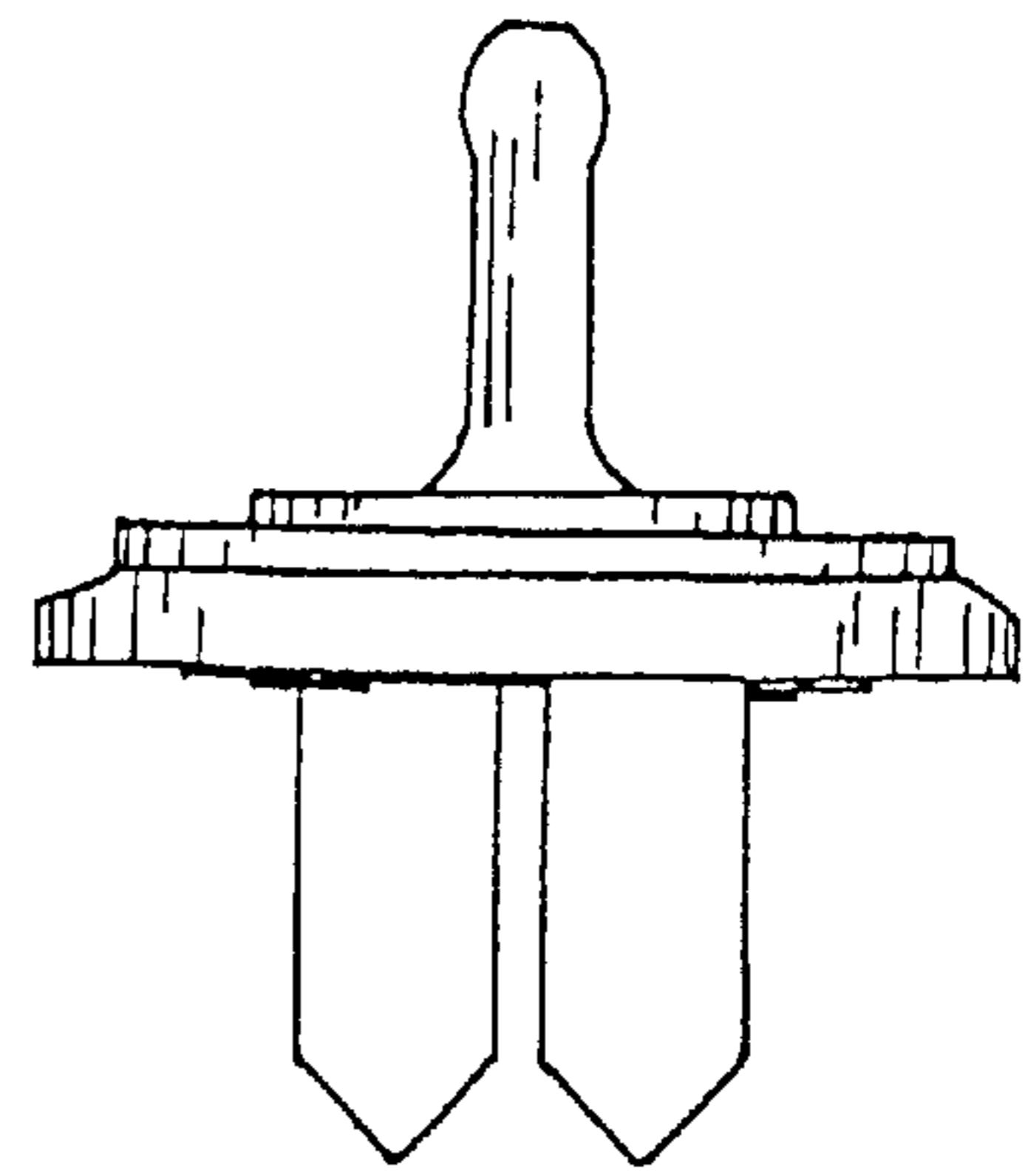


FIG. 51

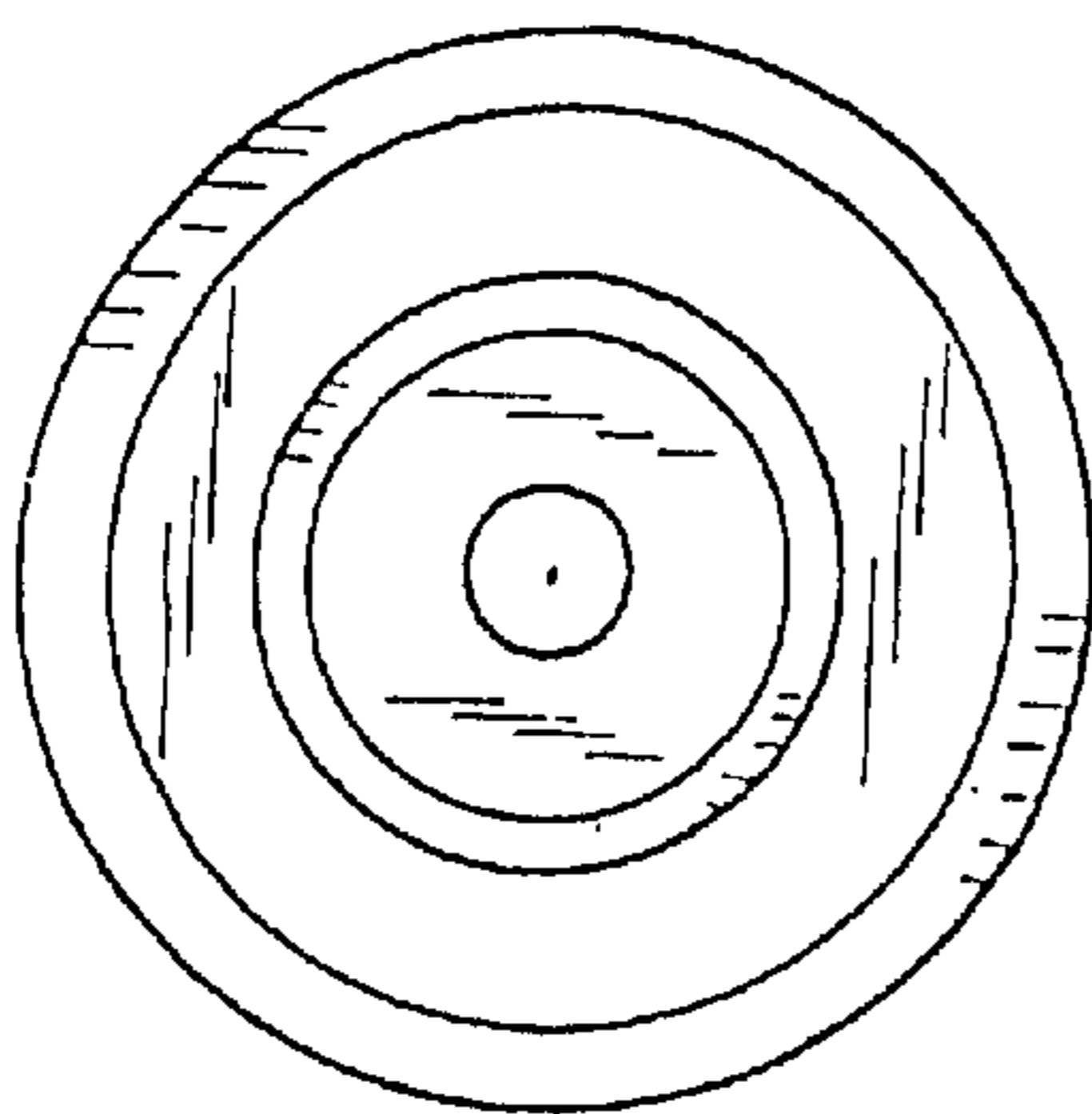


FIG. 52

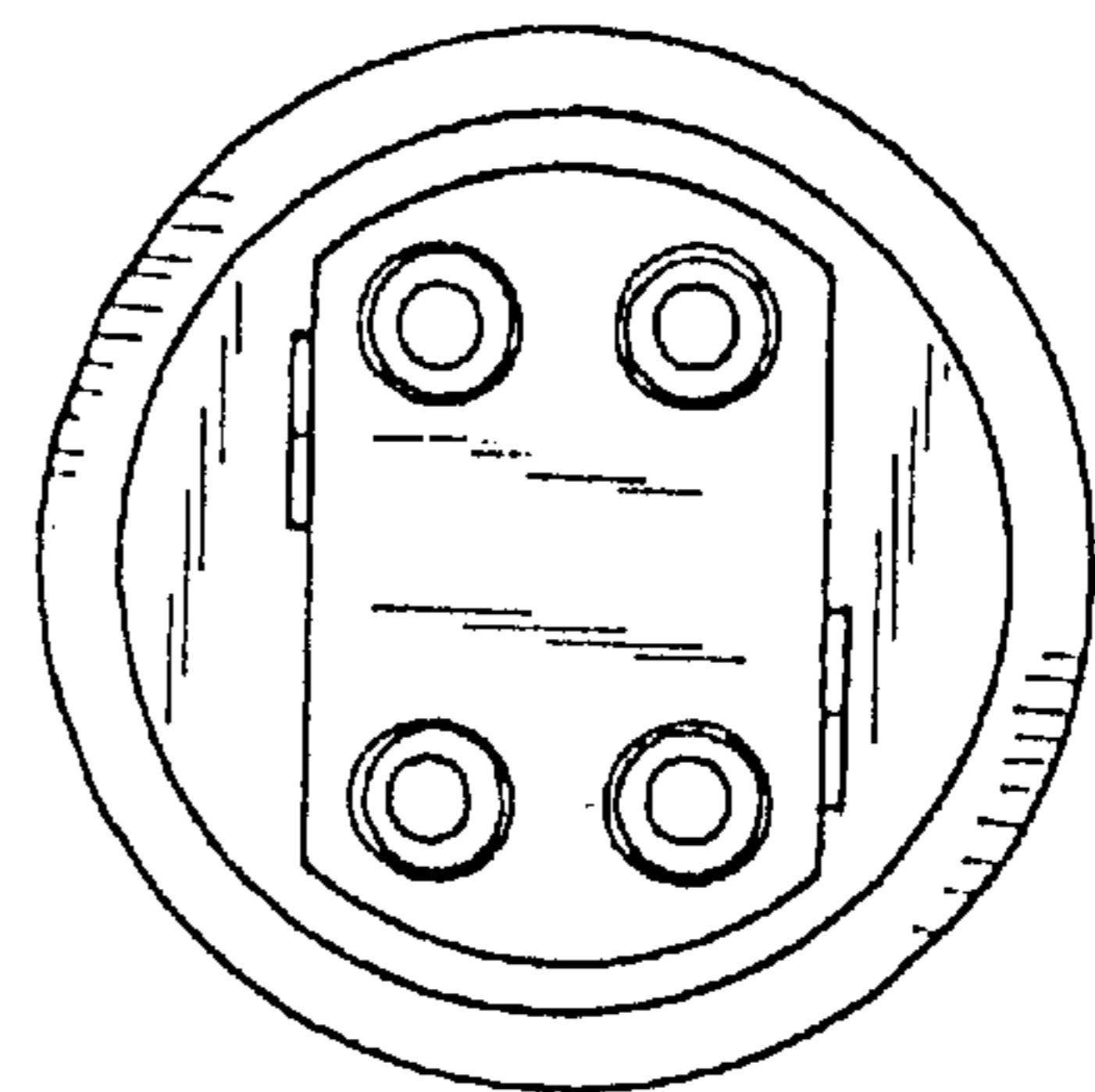


FIG. 53

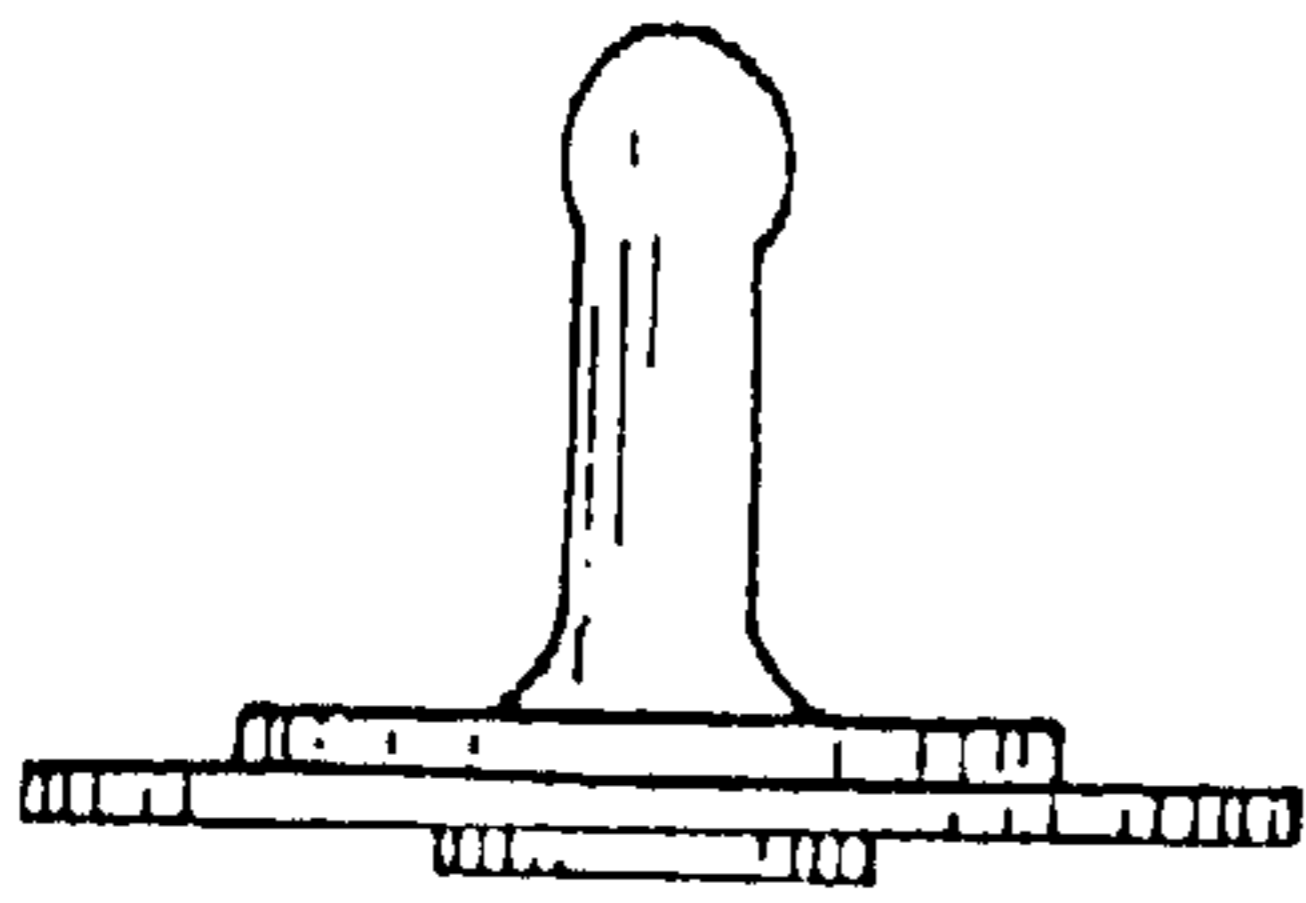


FIG. 54

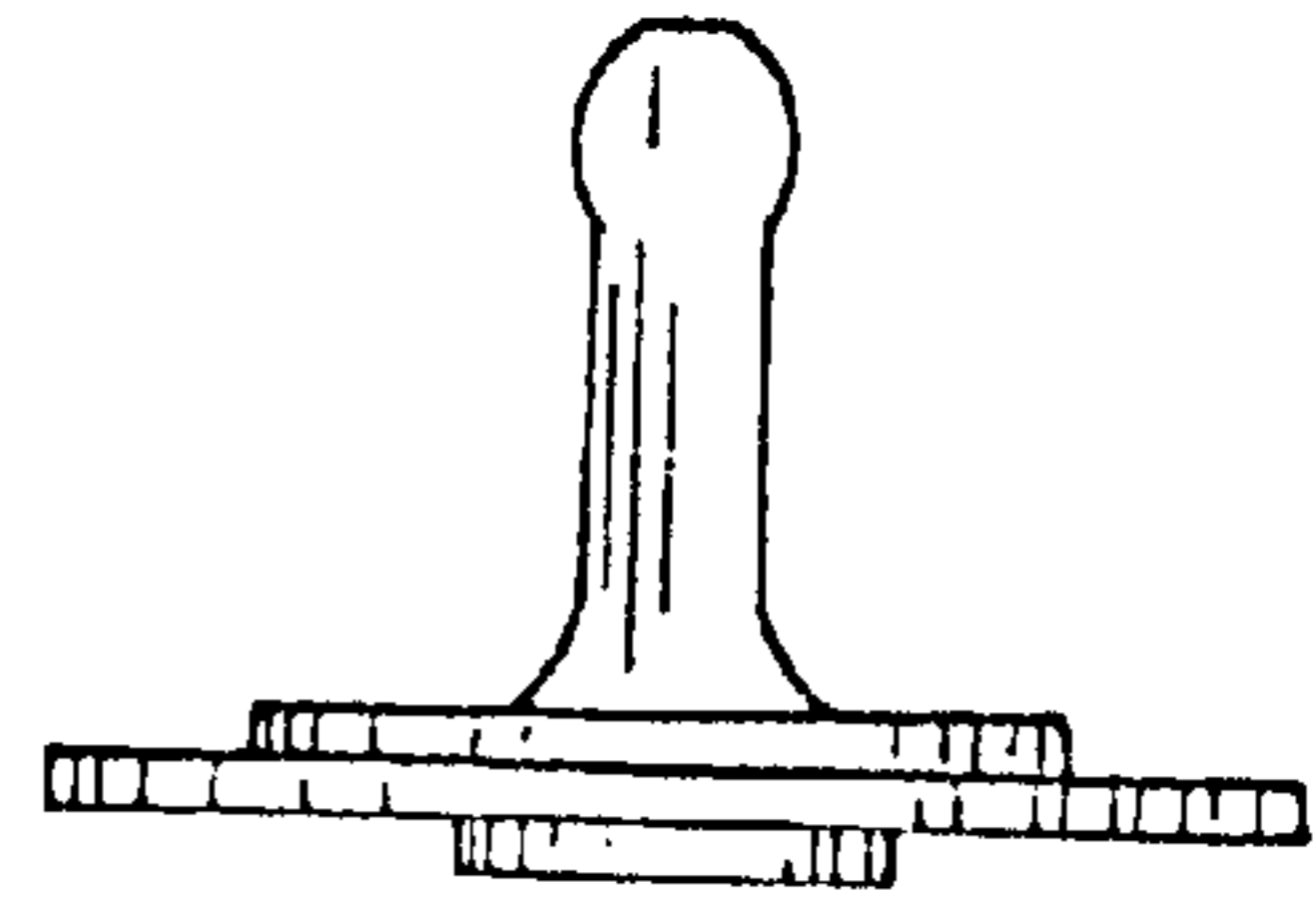


FIG. 55

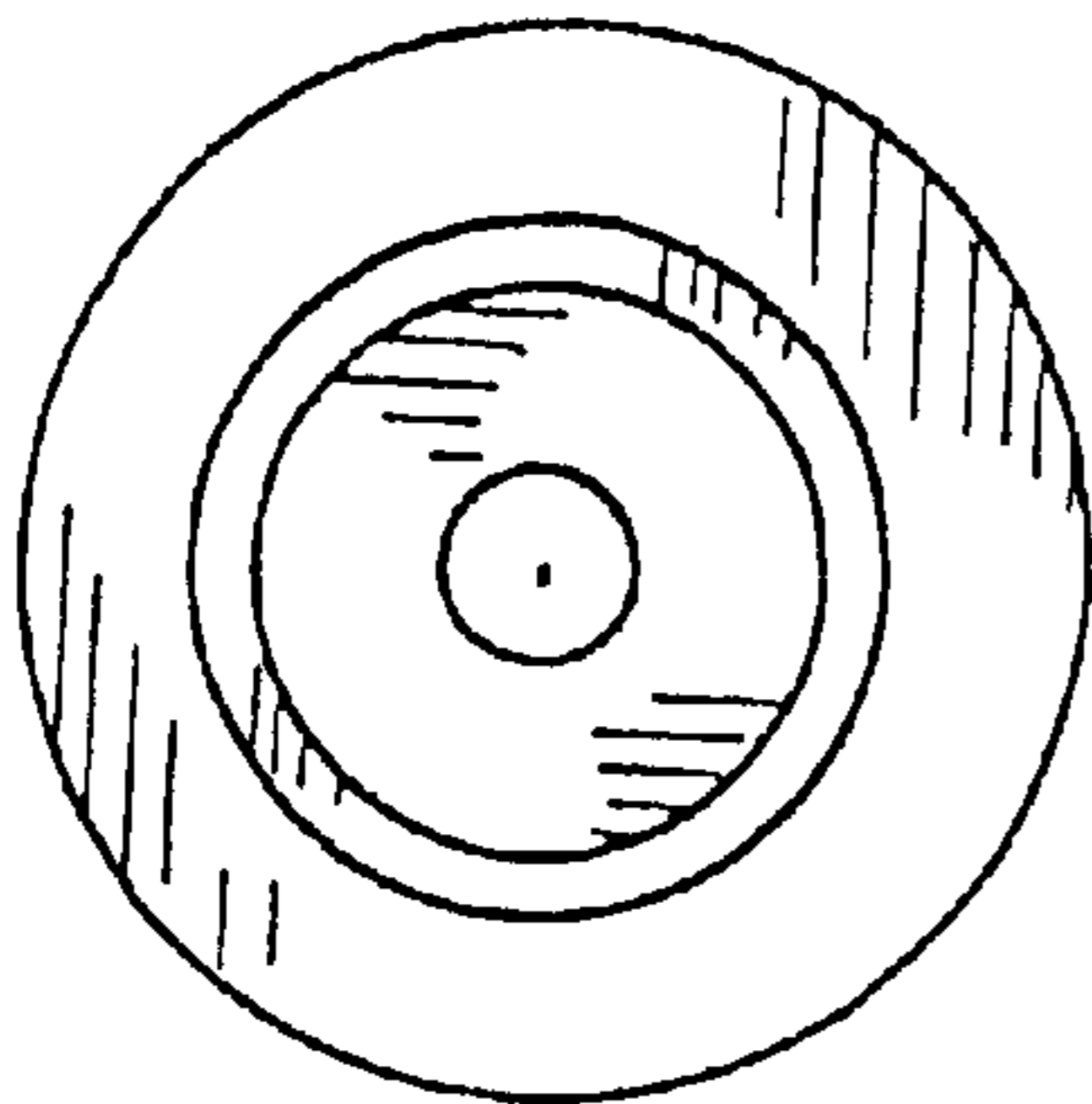


FIG. 56

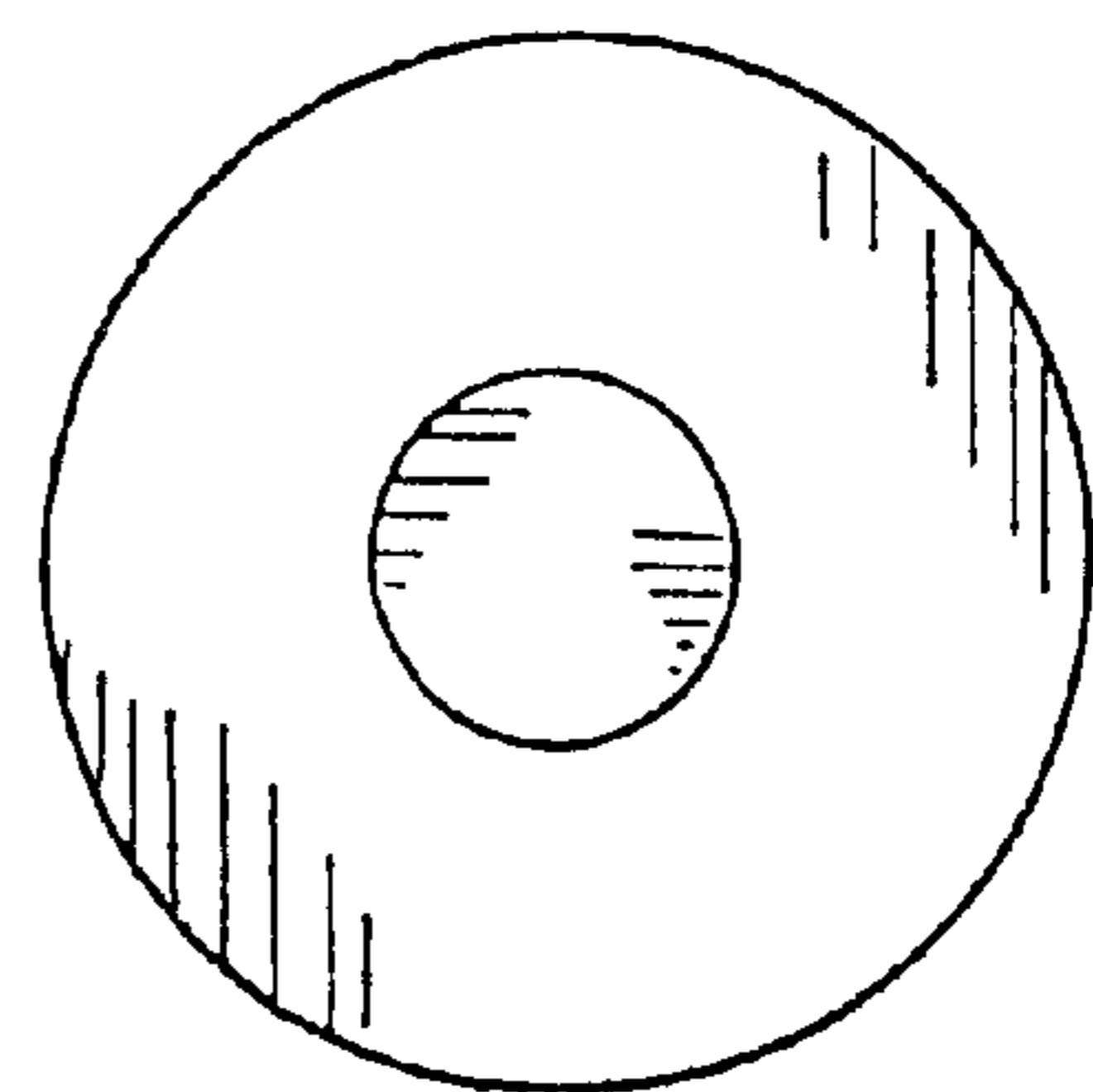


FIG. 57

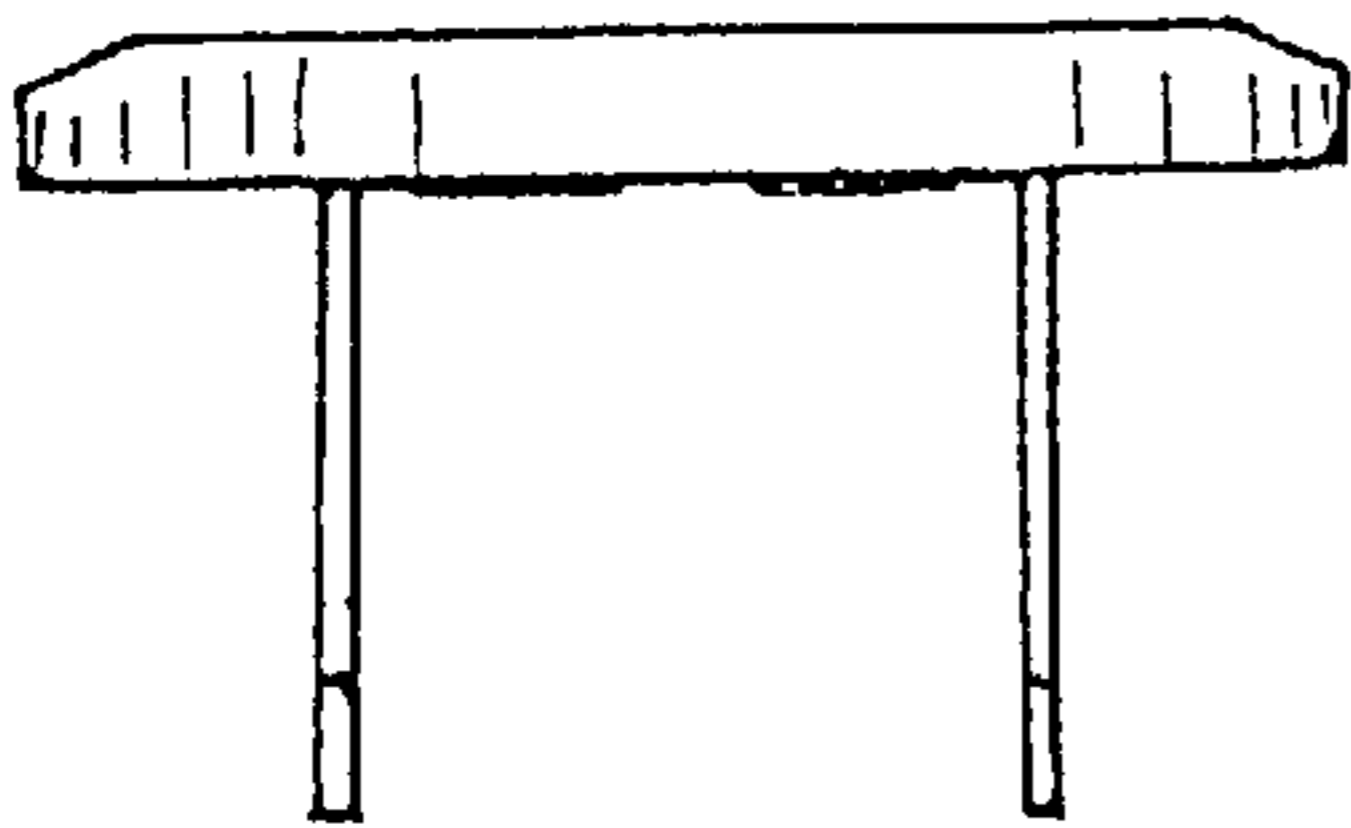


FIG. 58

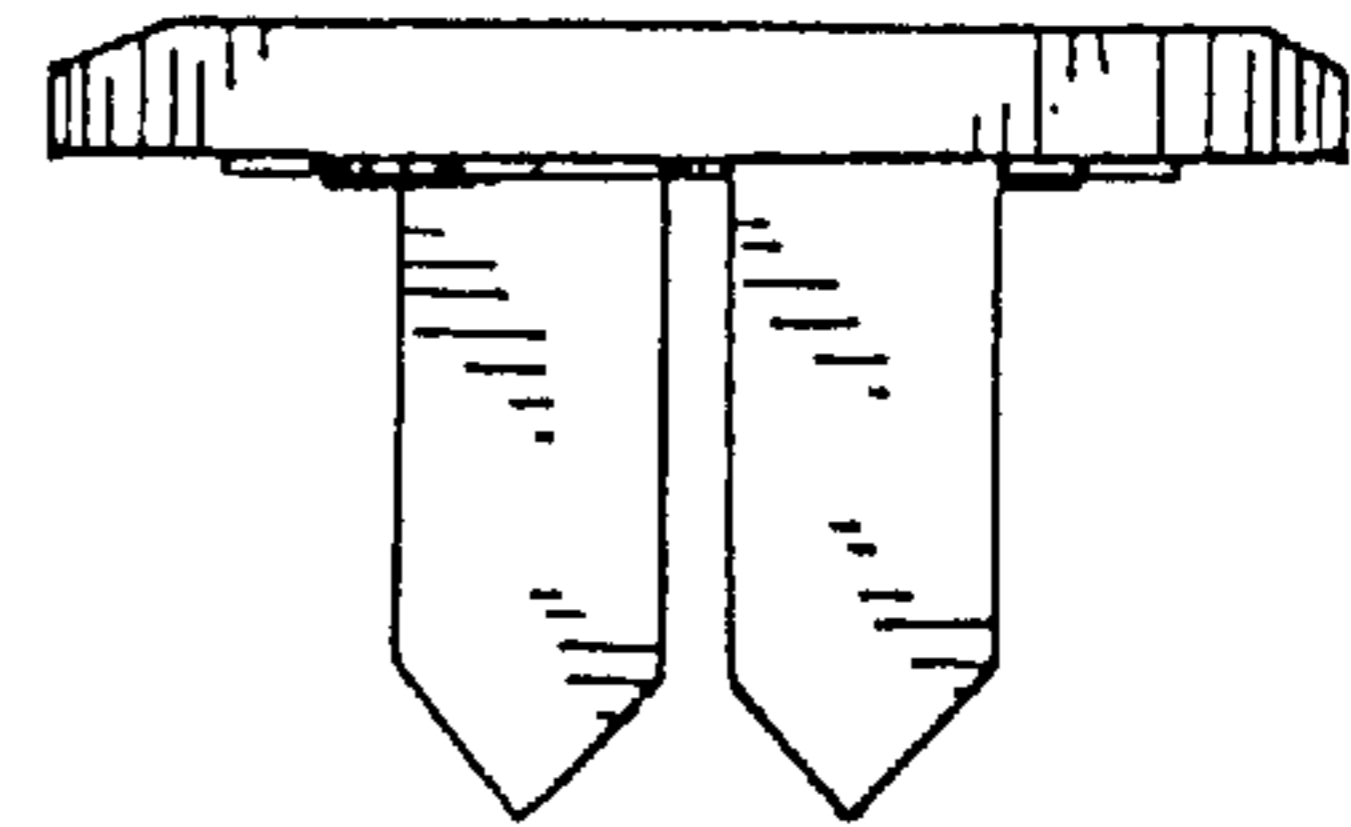


FIG. 59

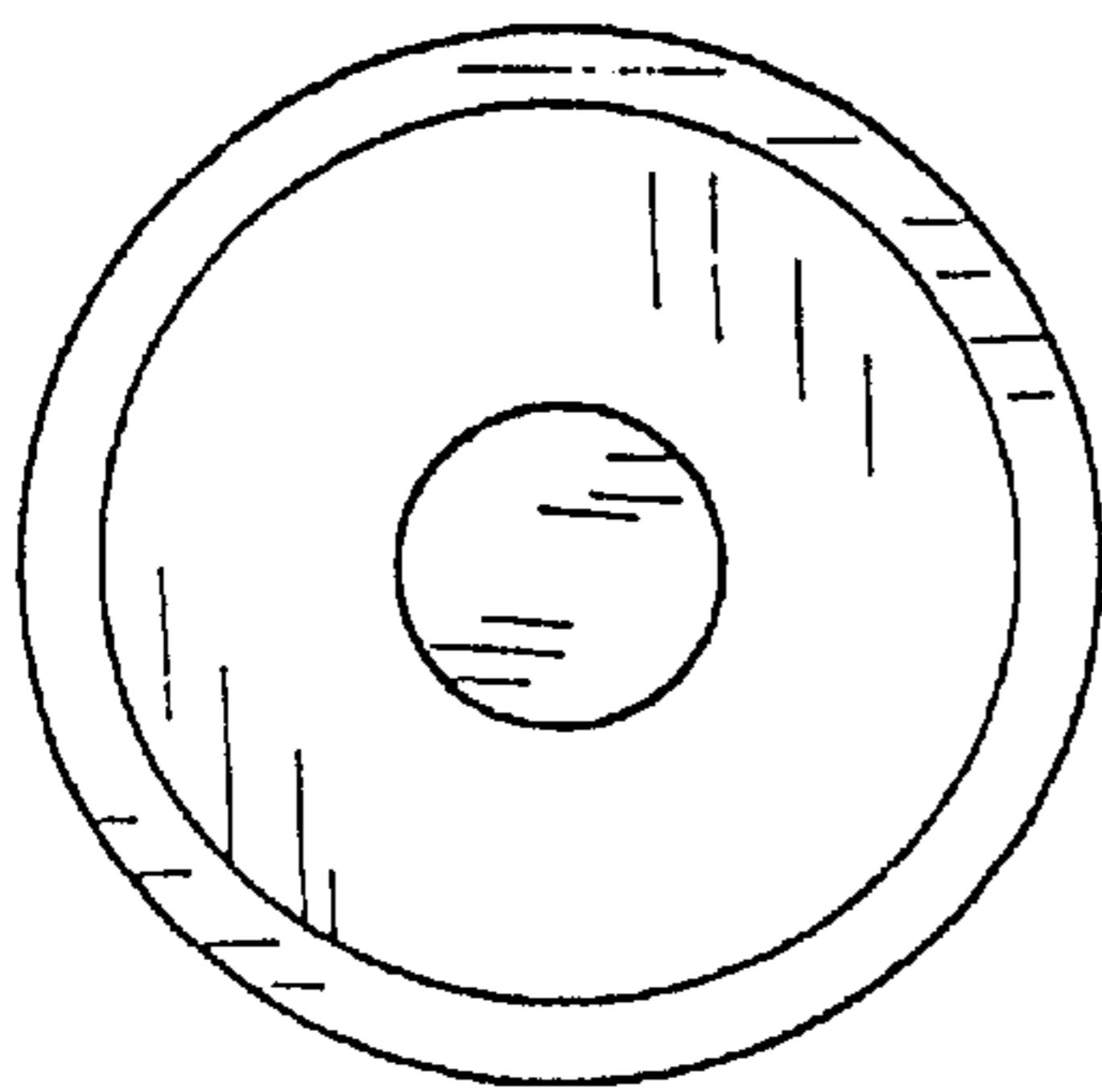


FIG. 60

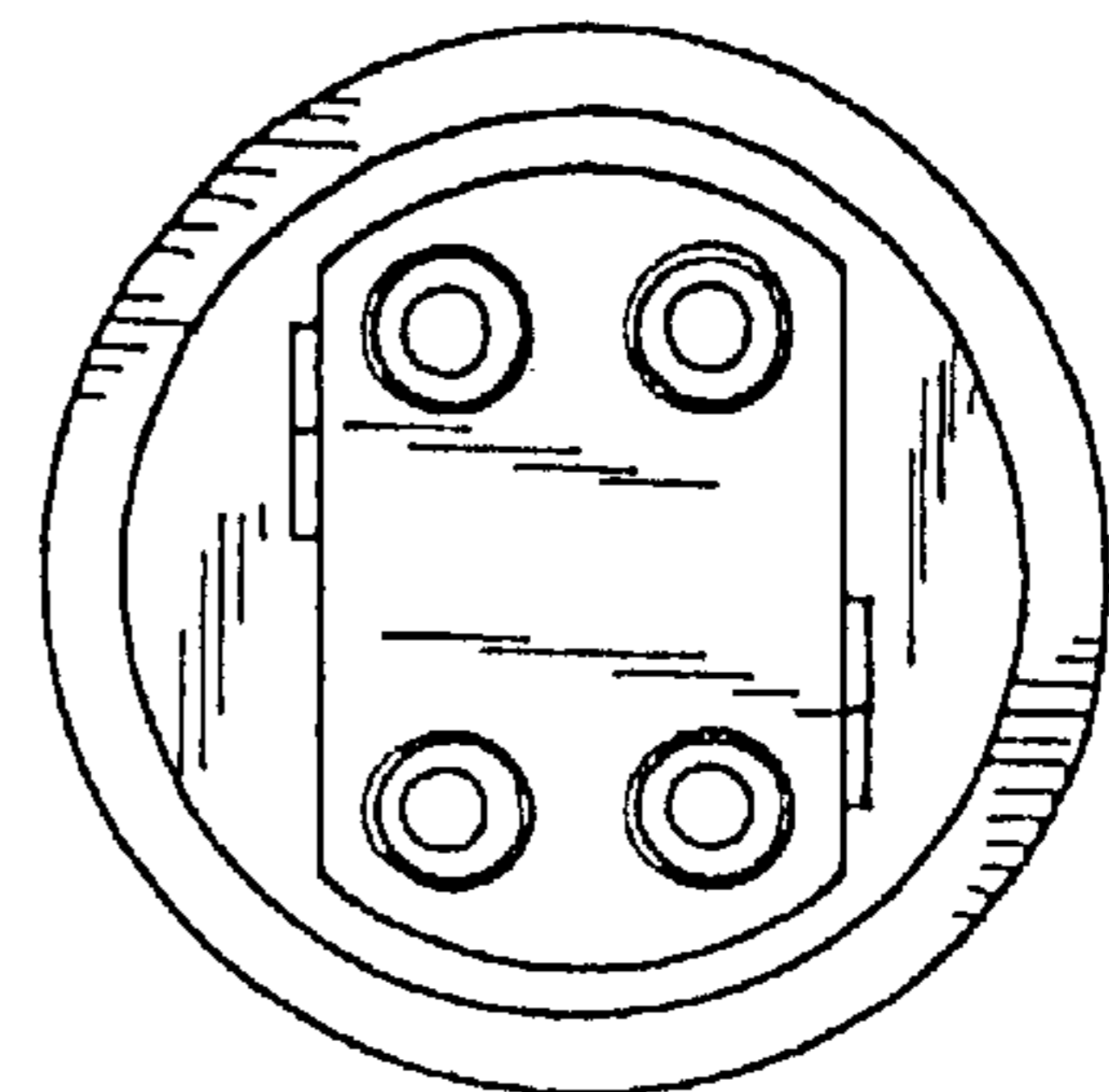


FIG. 61

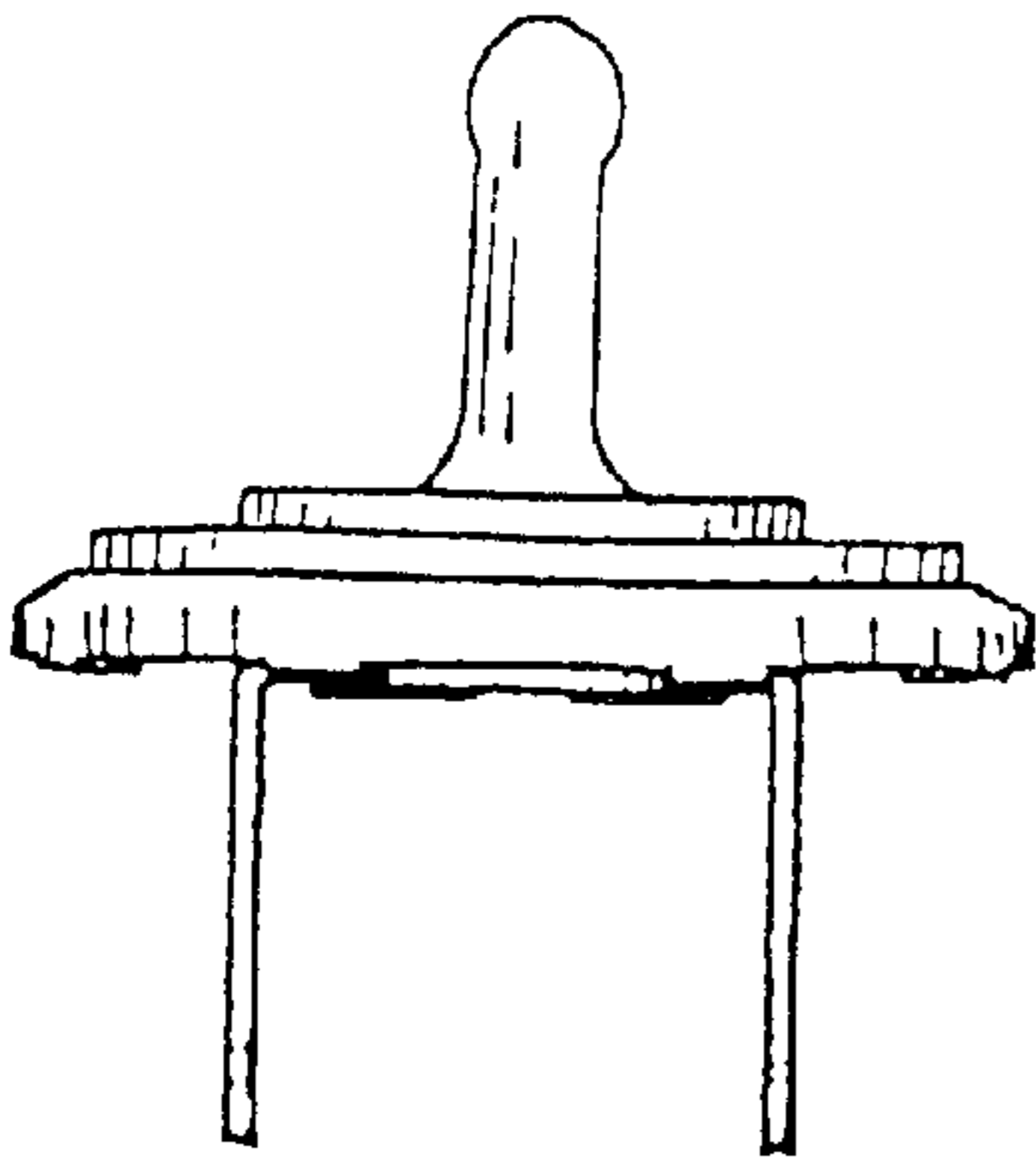


FIG. 62

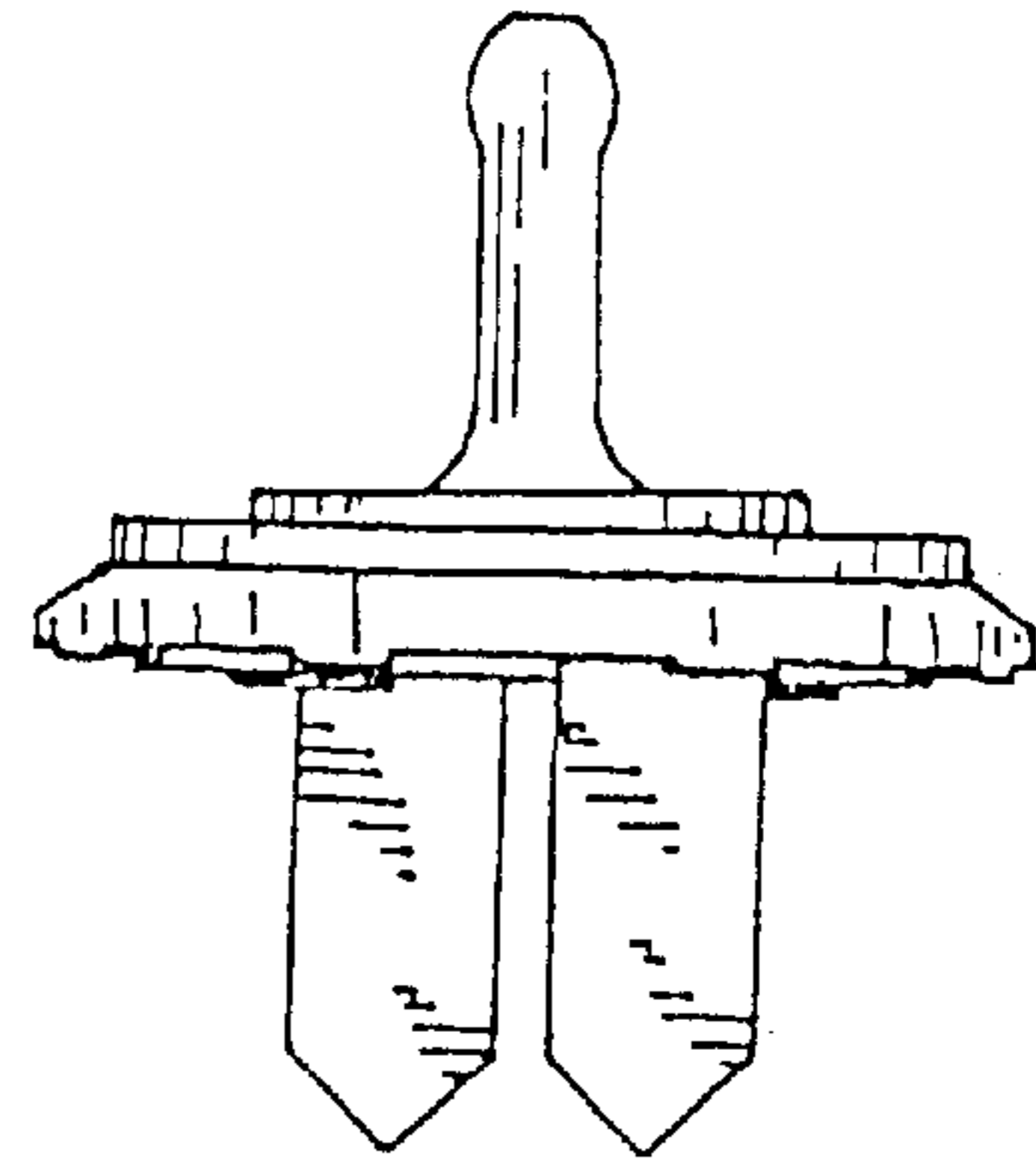


FIG. 63

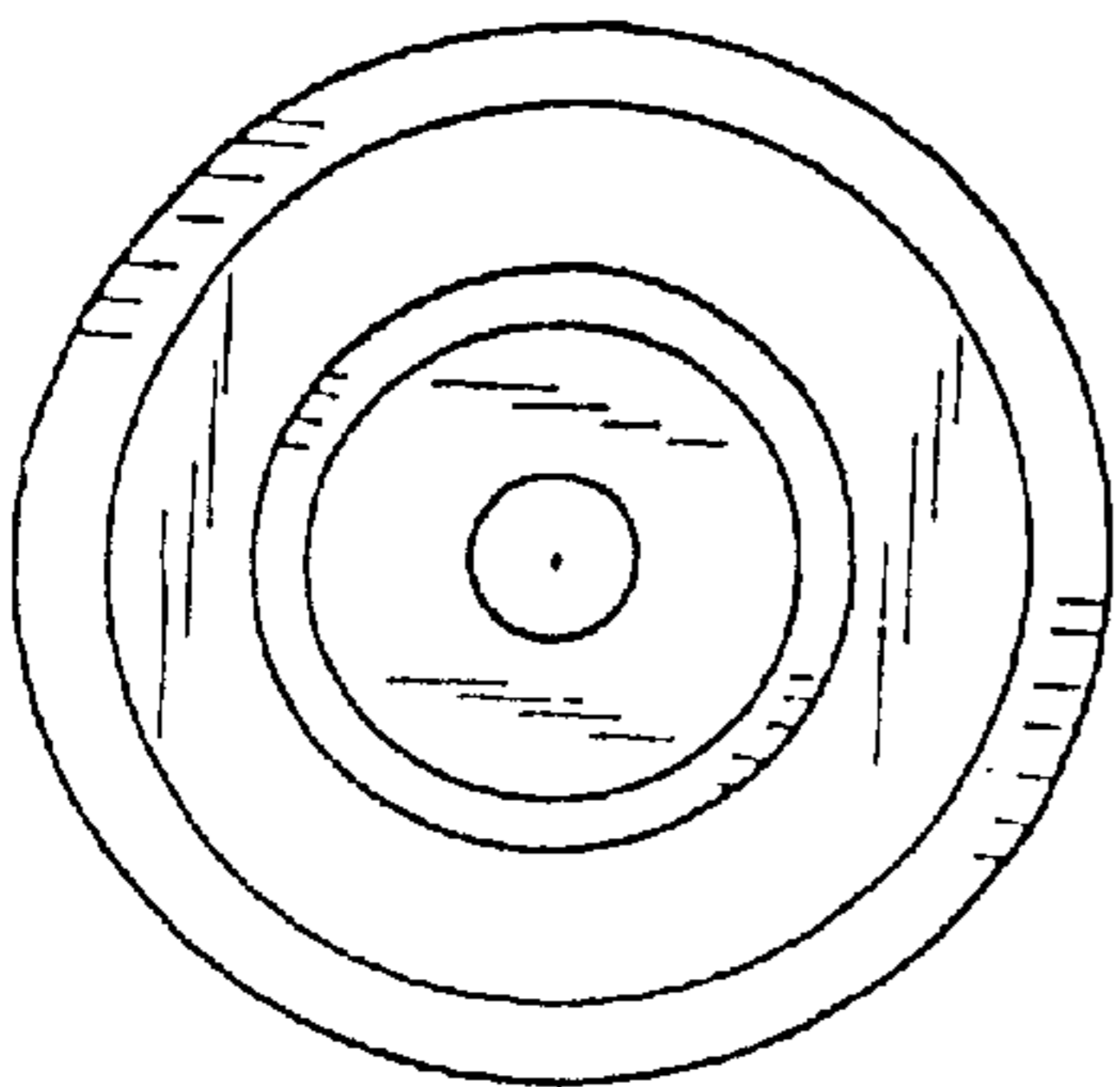


FIG. 64

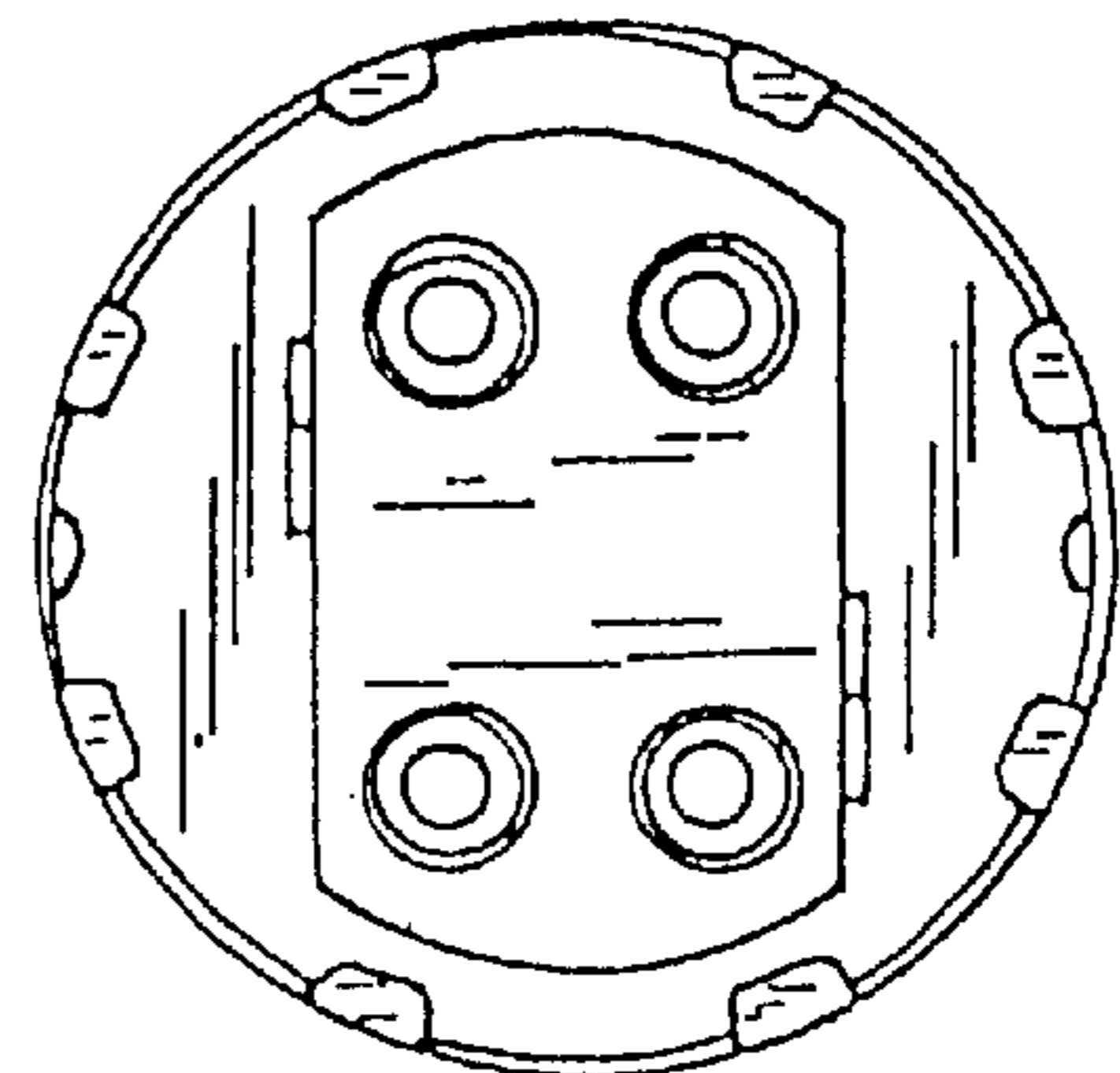


FIG. 65

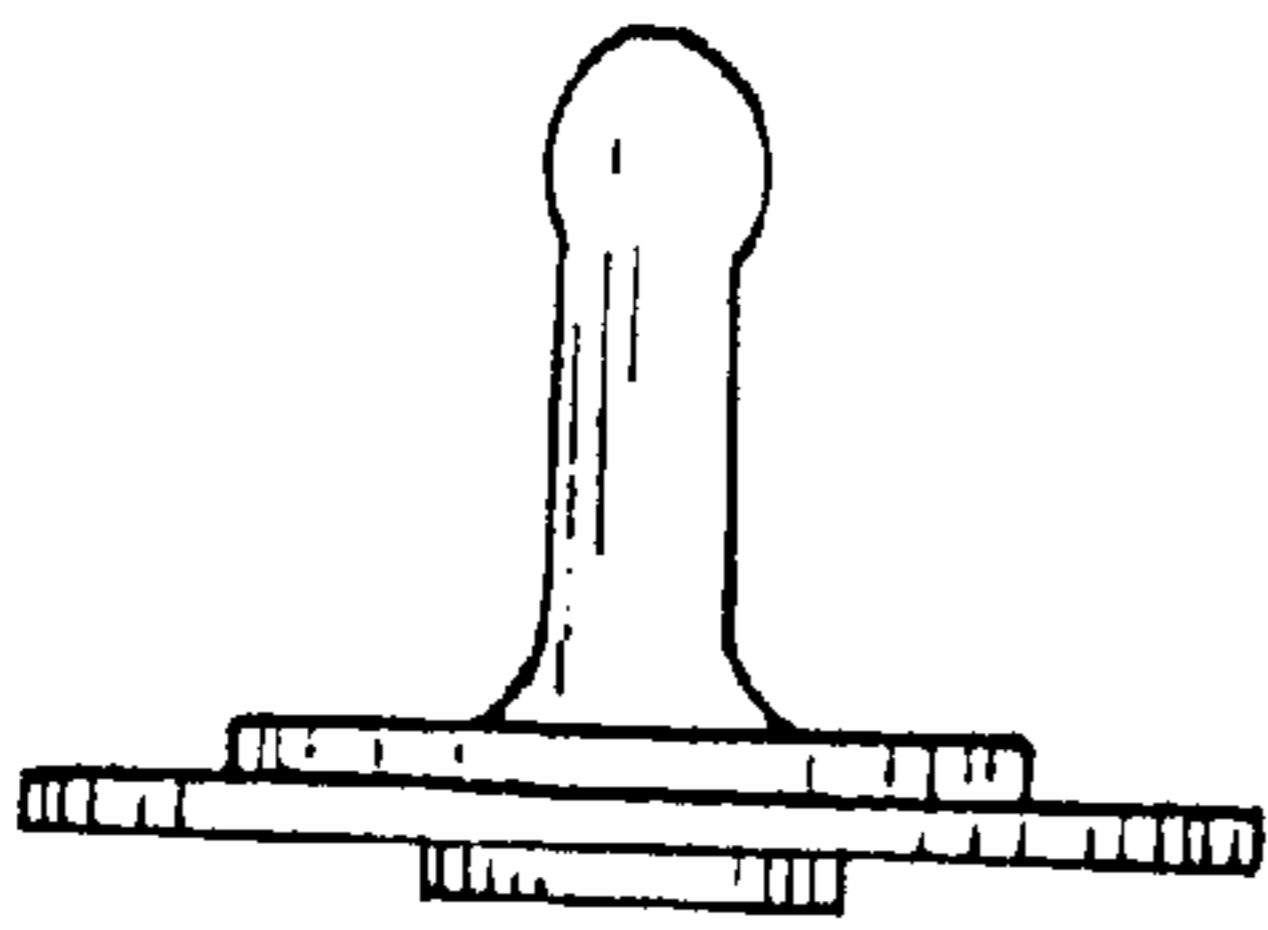


FIG. 66

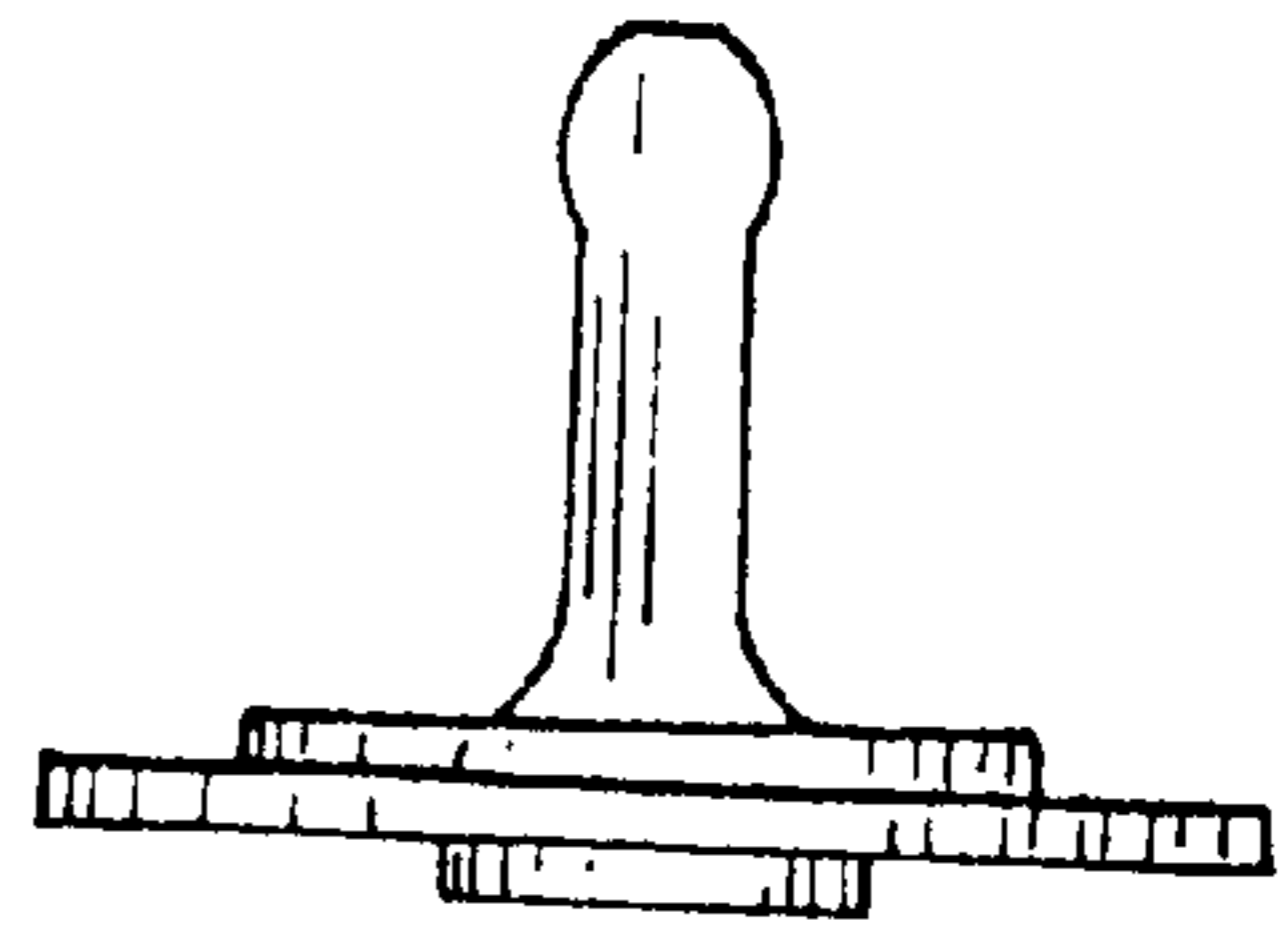


FIG. 67

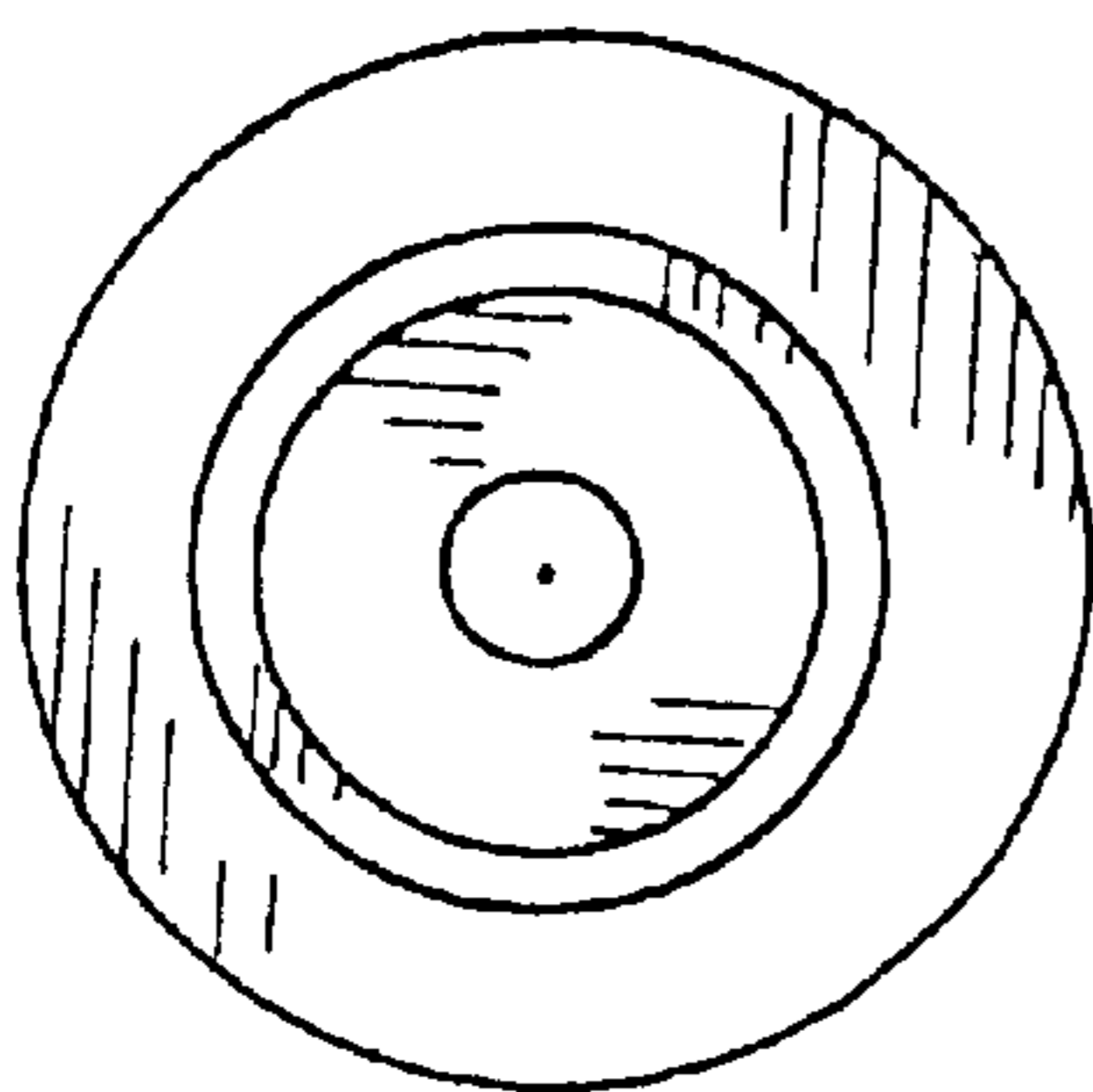


FIG. 68

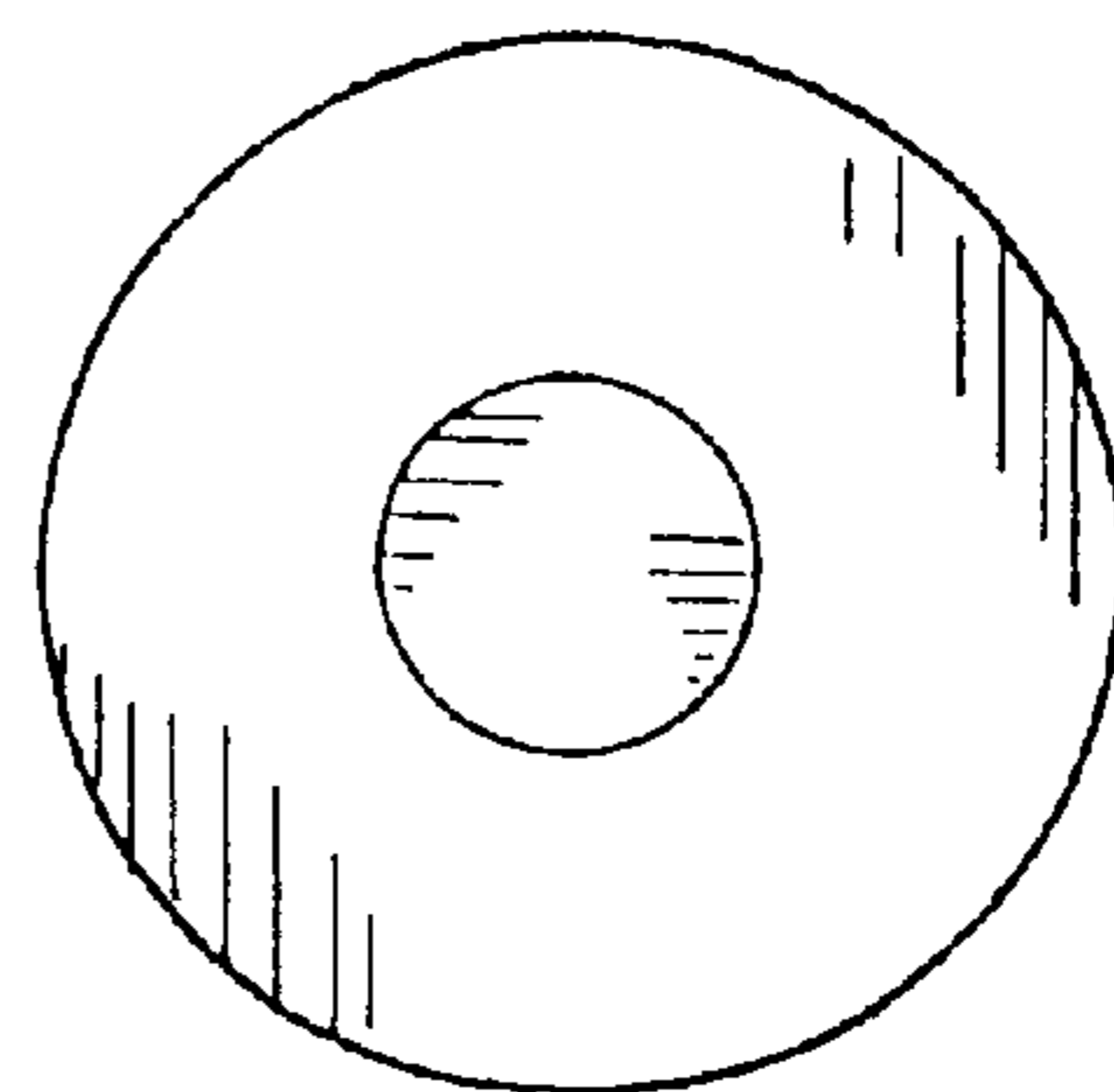


FIG. 69

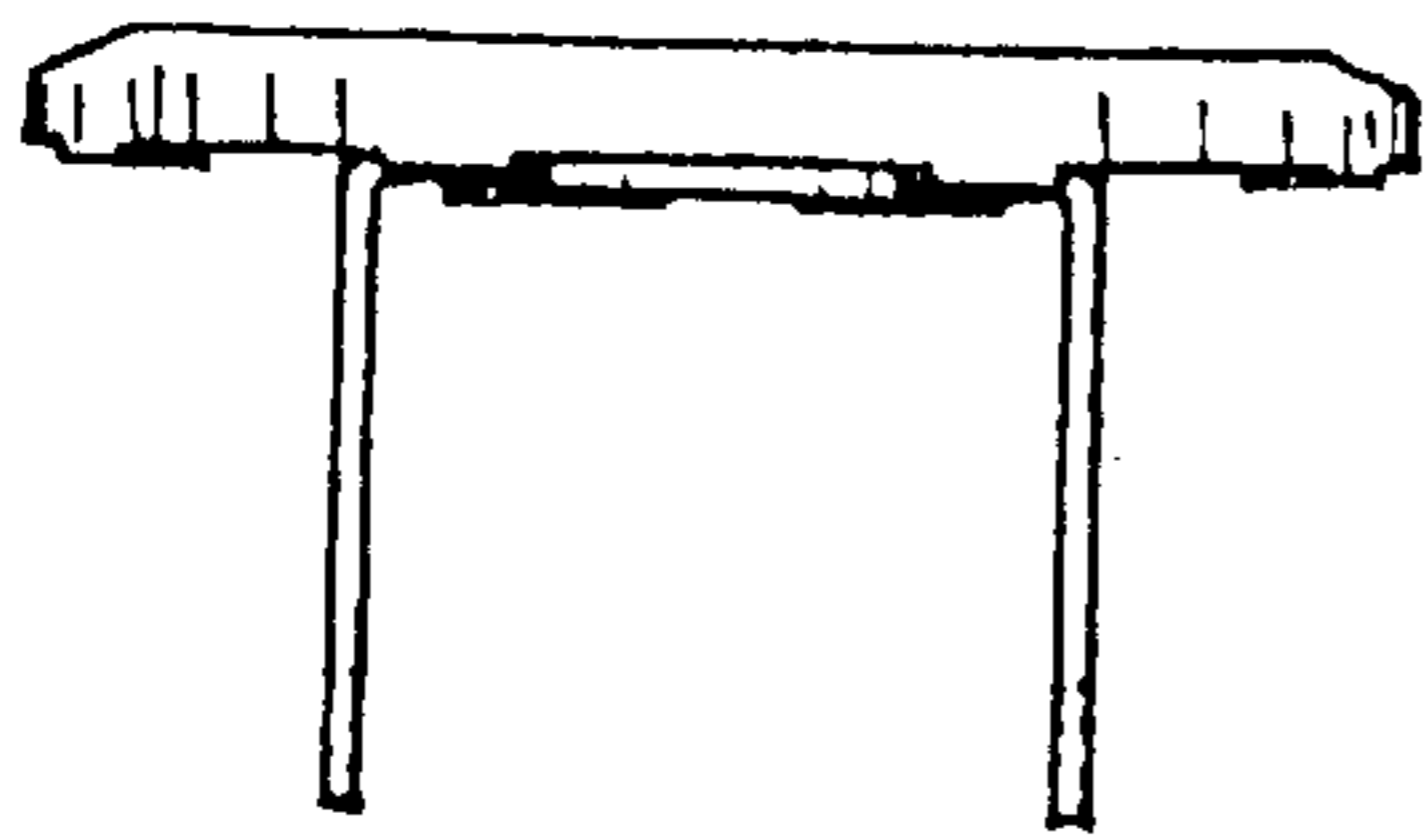


FIG. 70

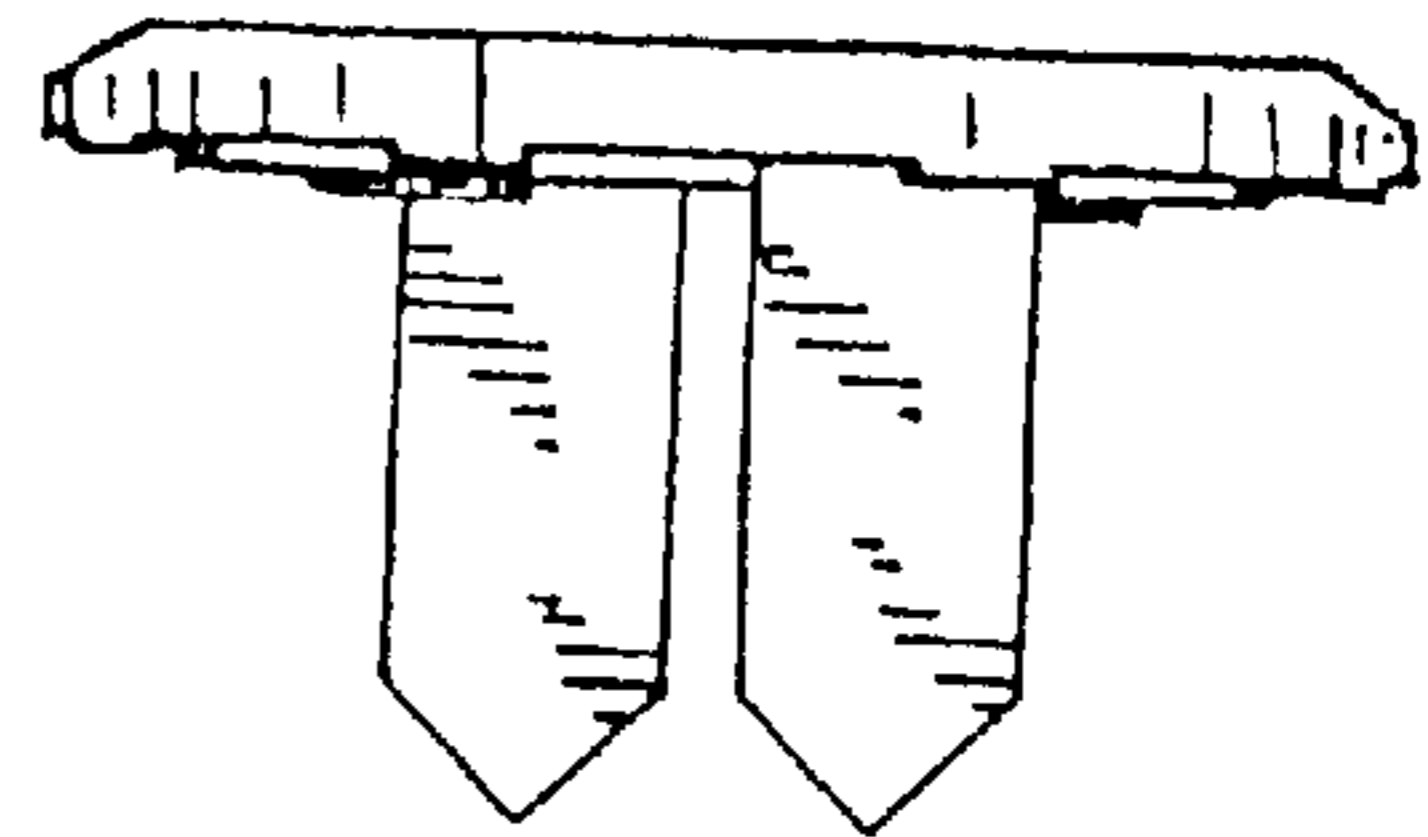


FIG. 71

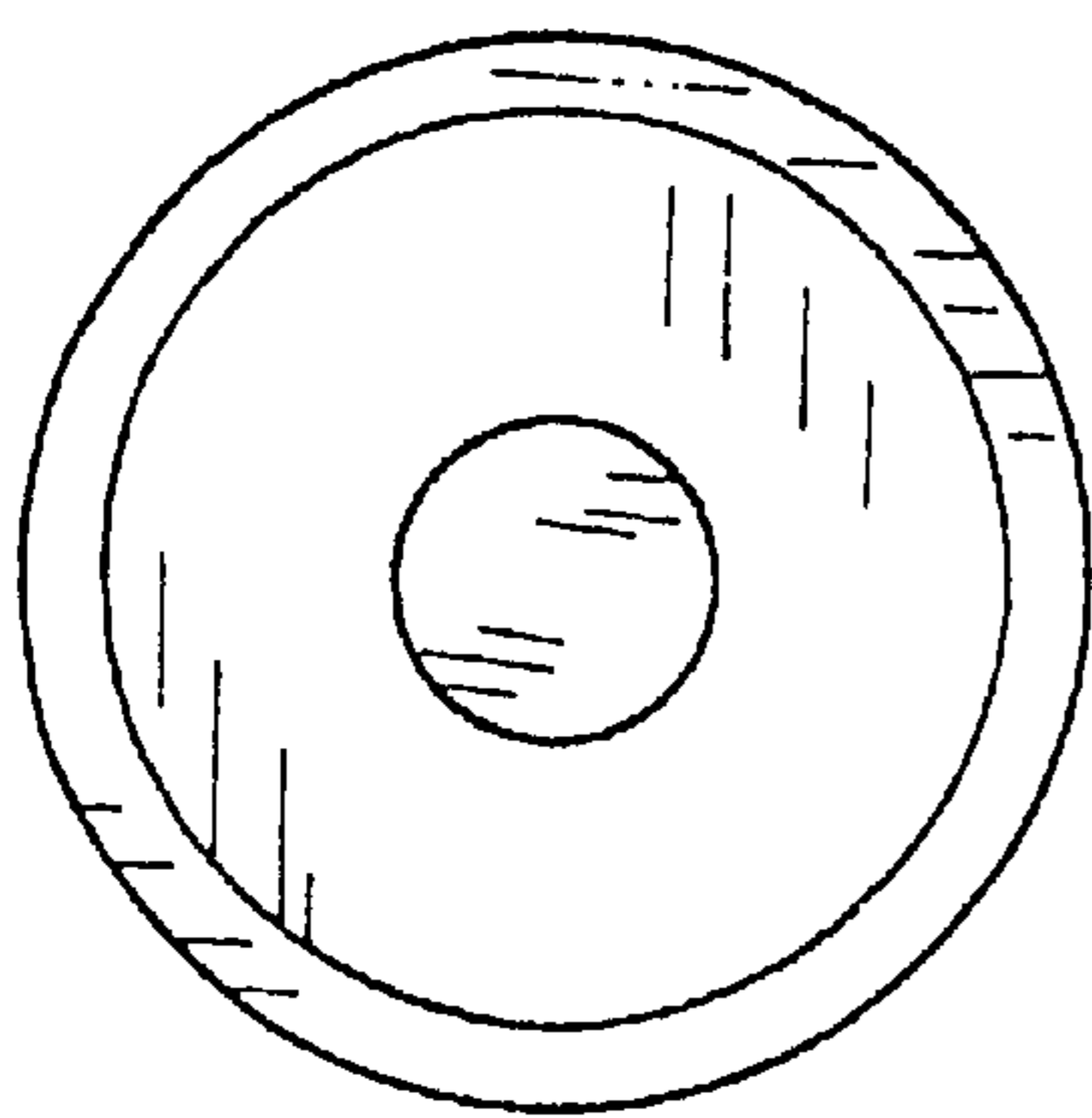


FIG. 72

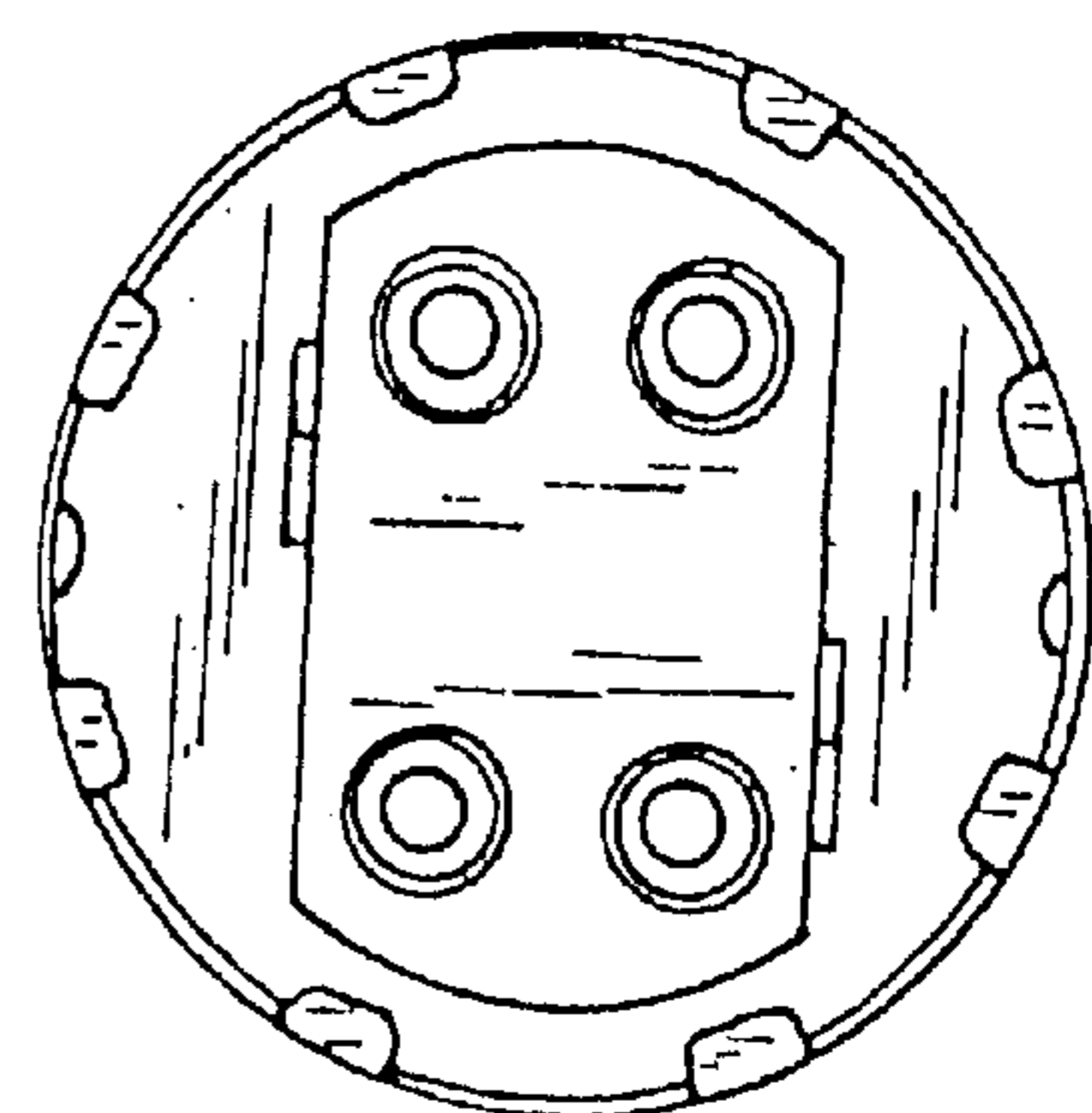


FIG. 73

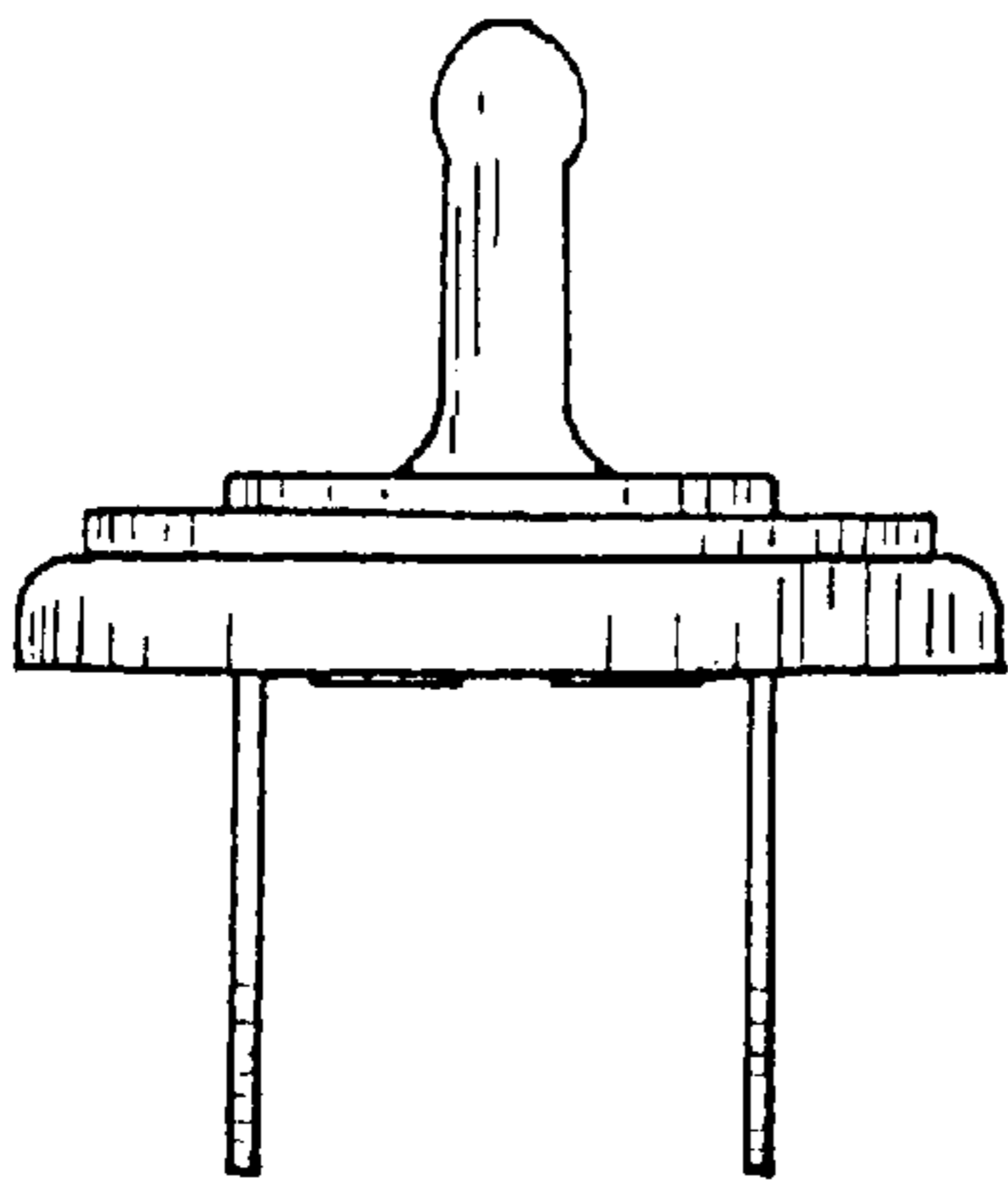


FIG. 74

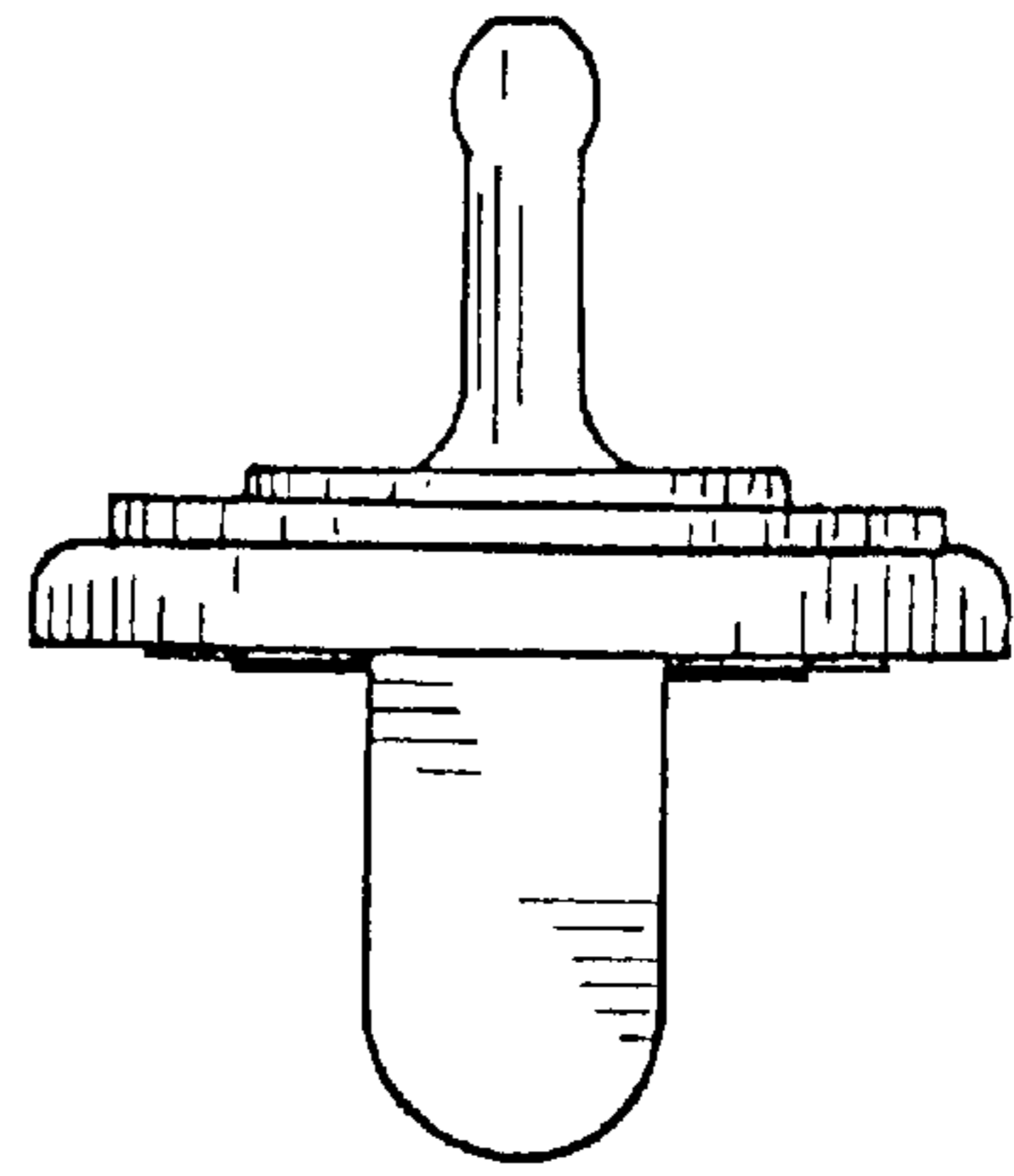


FIG. 75

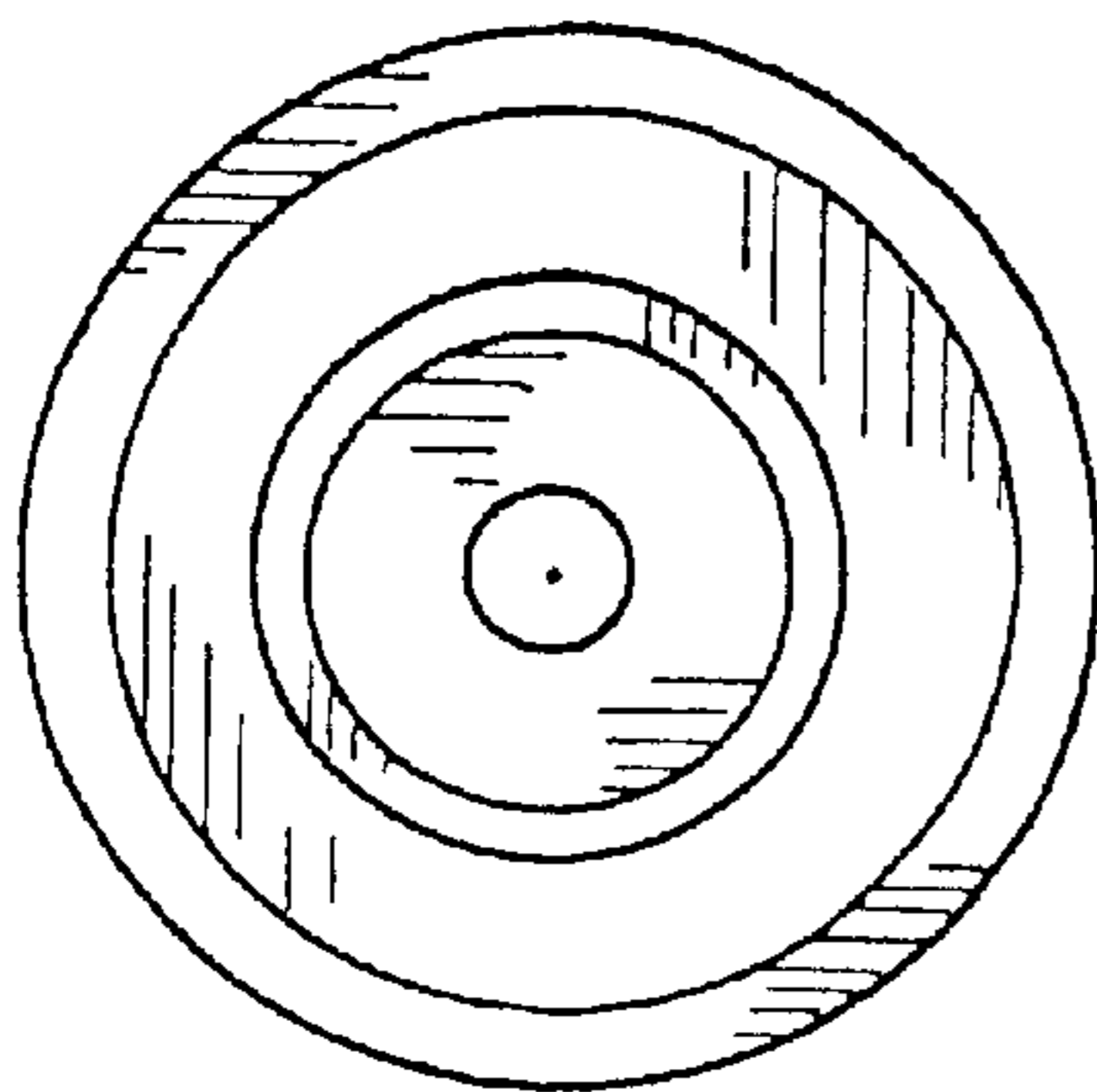


FIG. 76

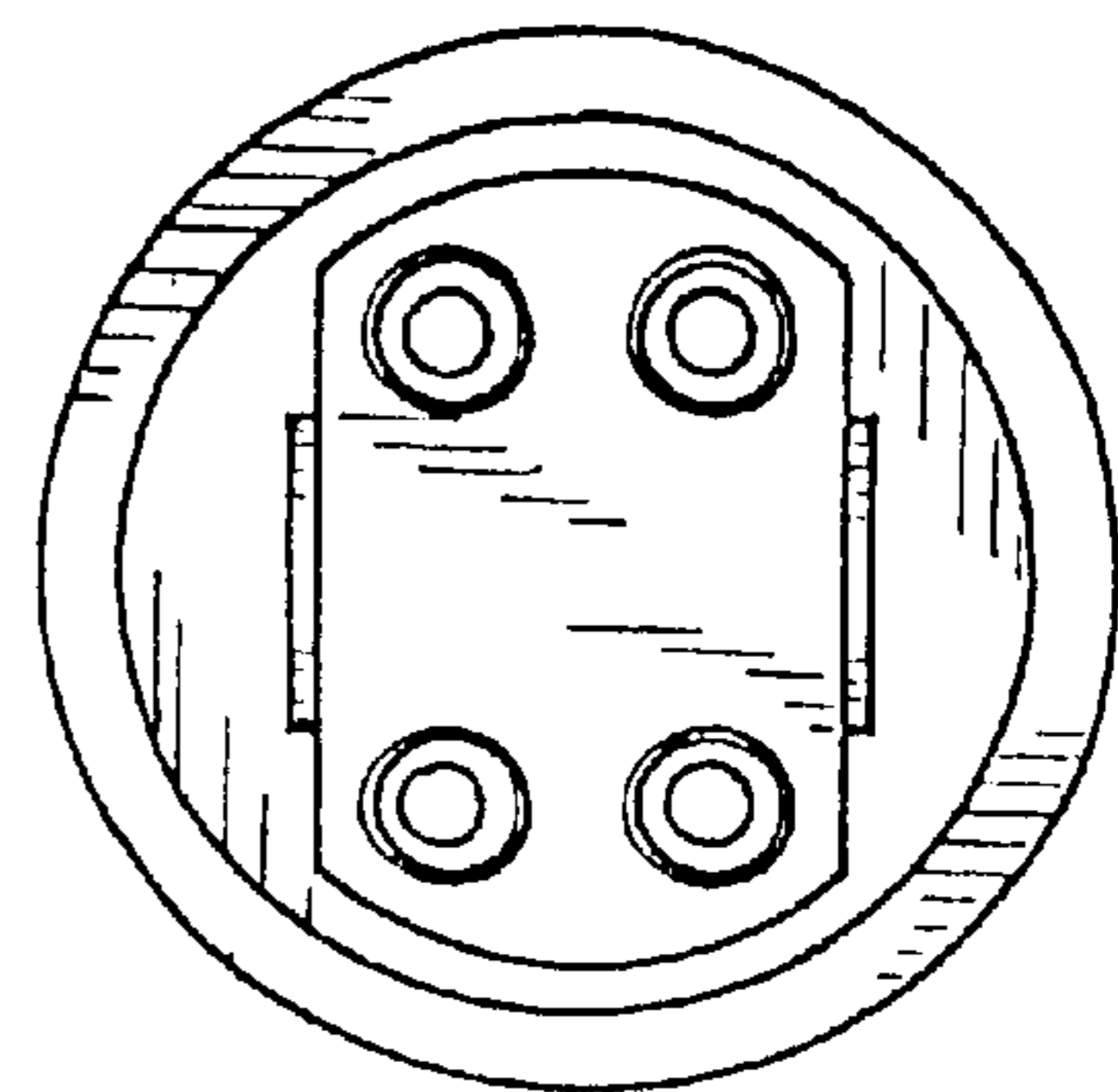


FIG. 77

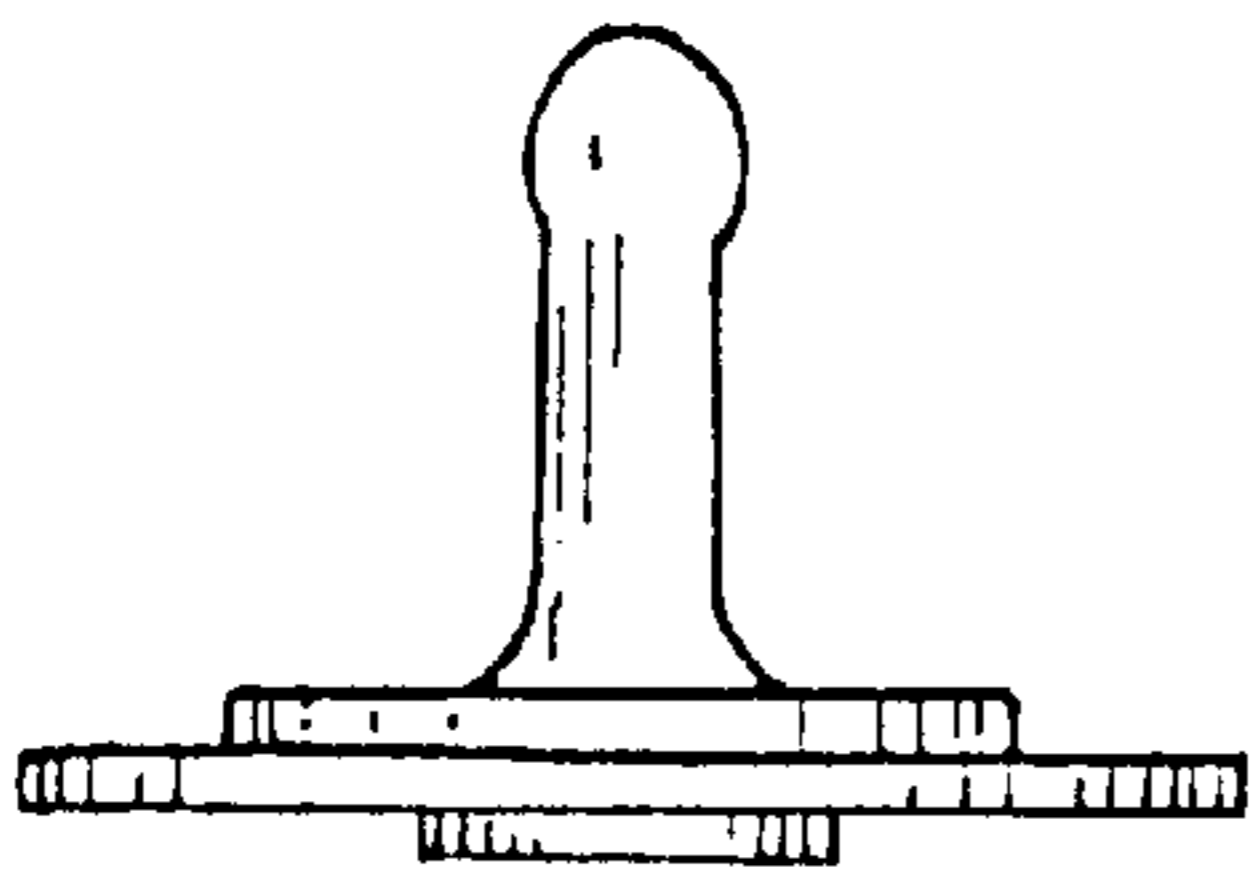


FIG. 78

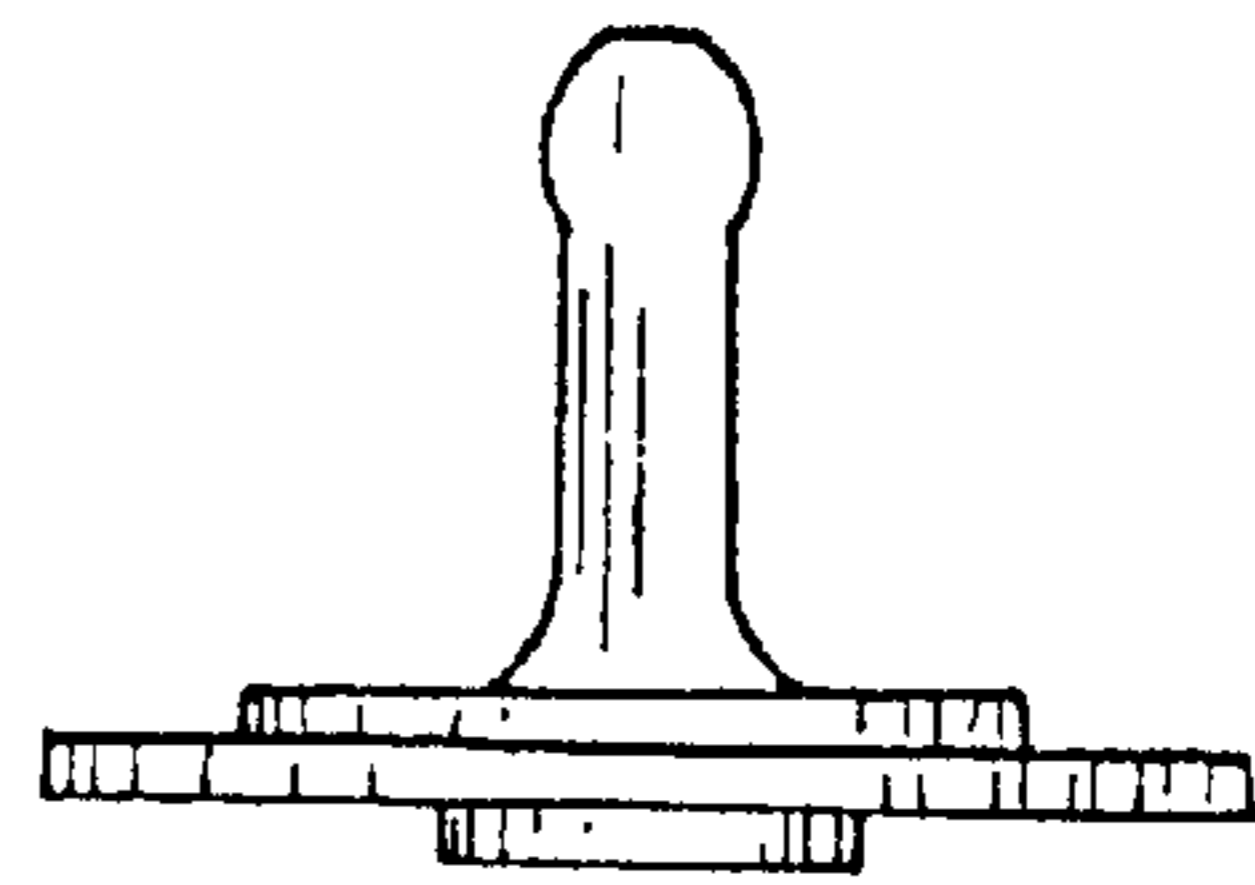


FIG. 79

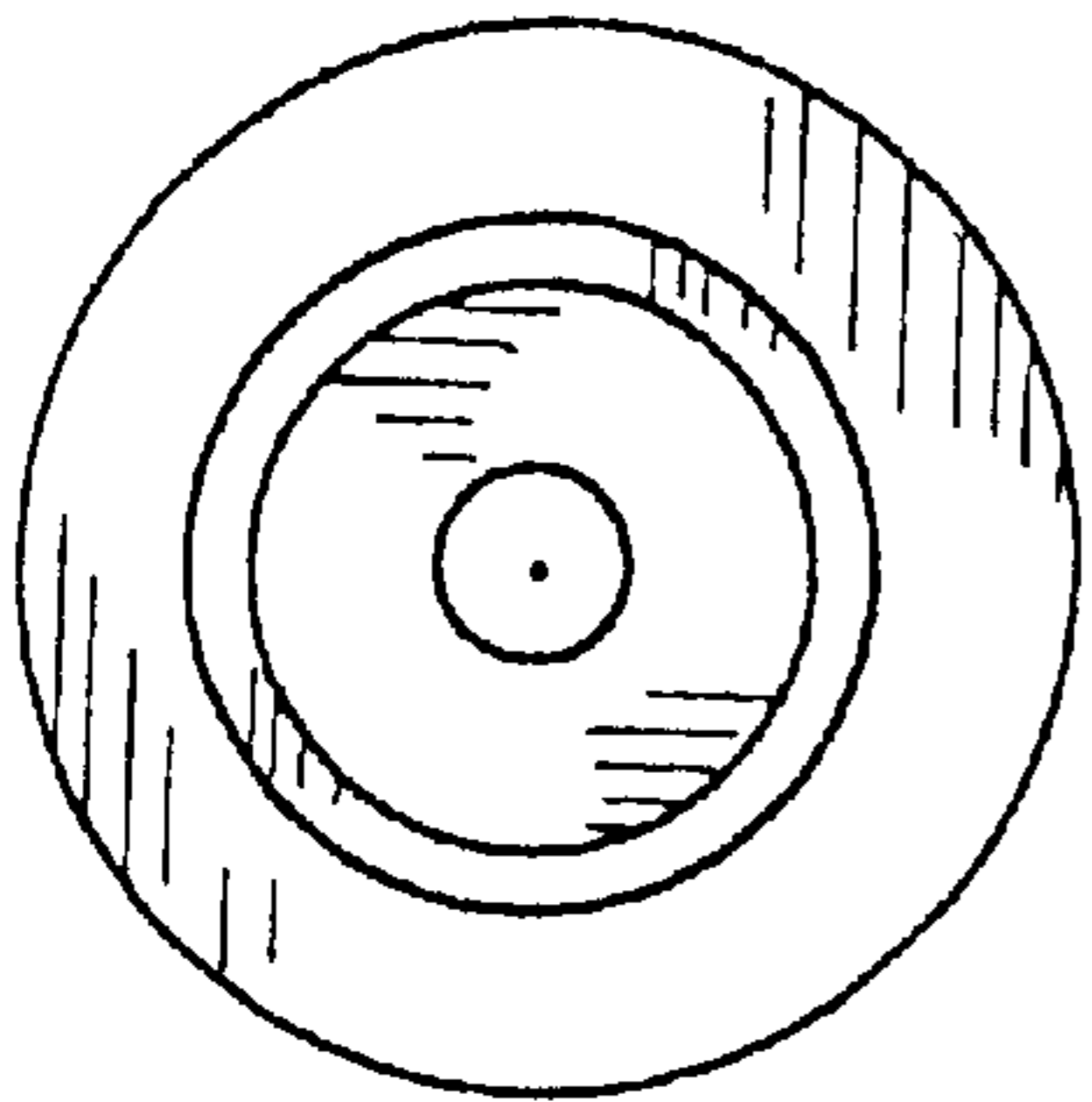


FIG. 80

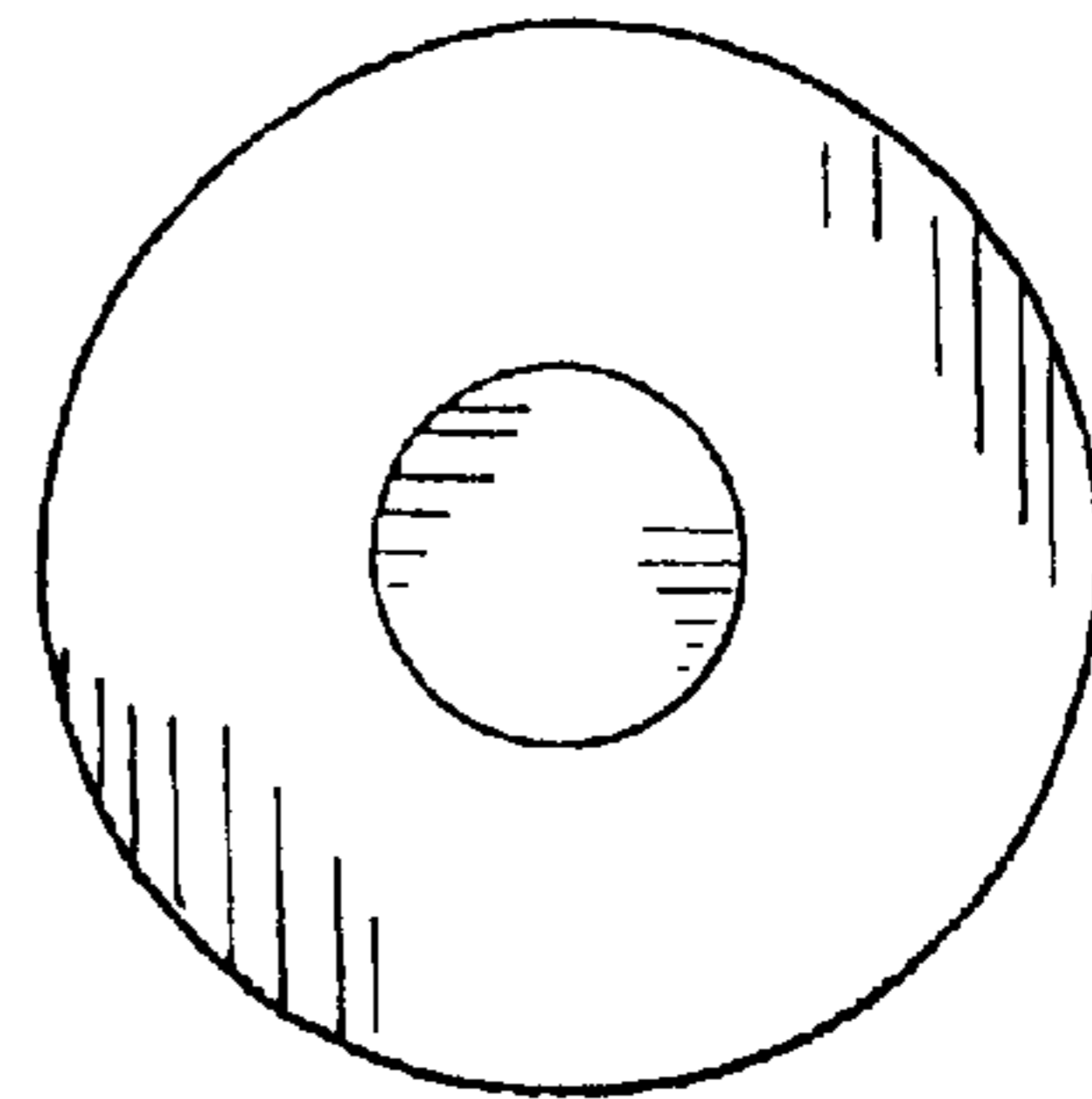


FIG. 81

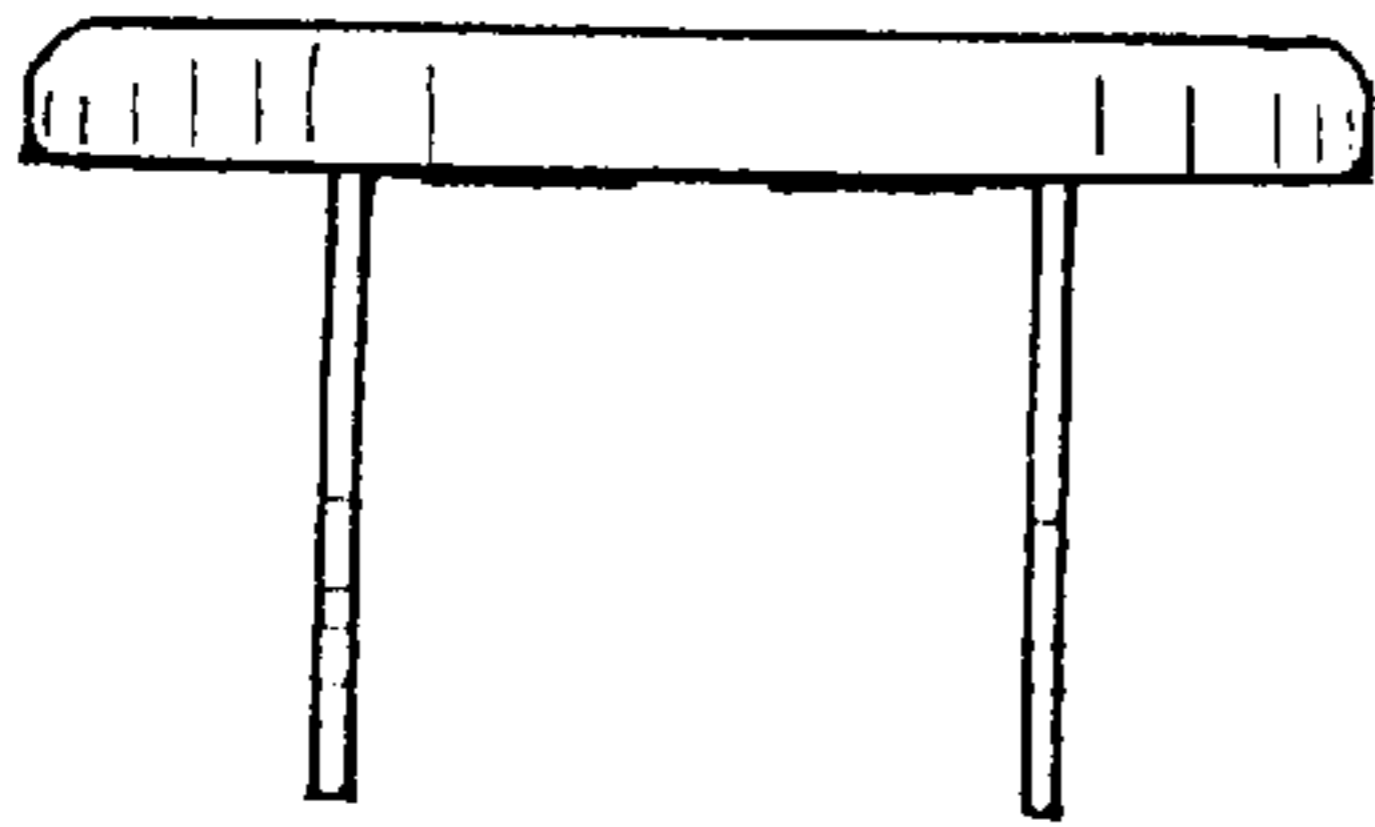


FIG. 82

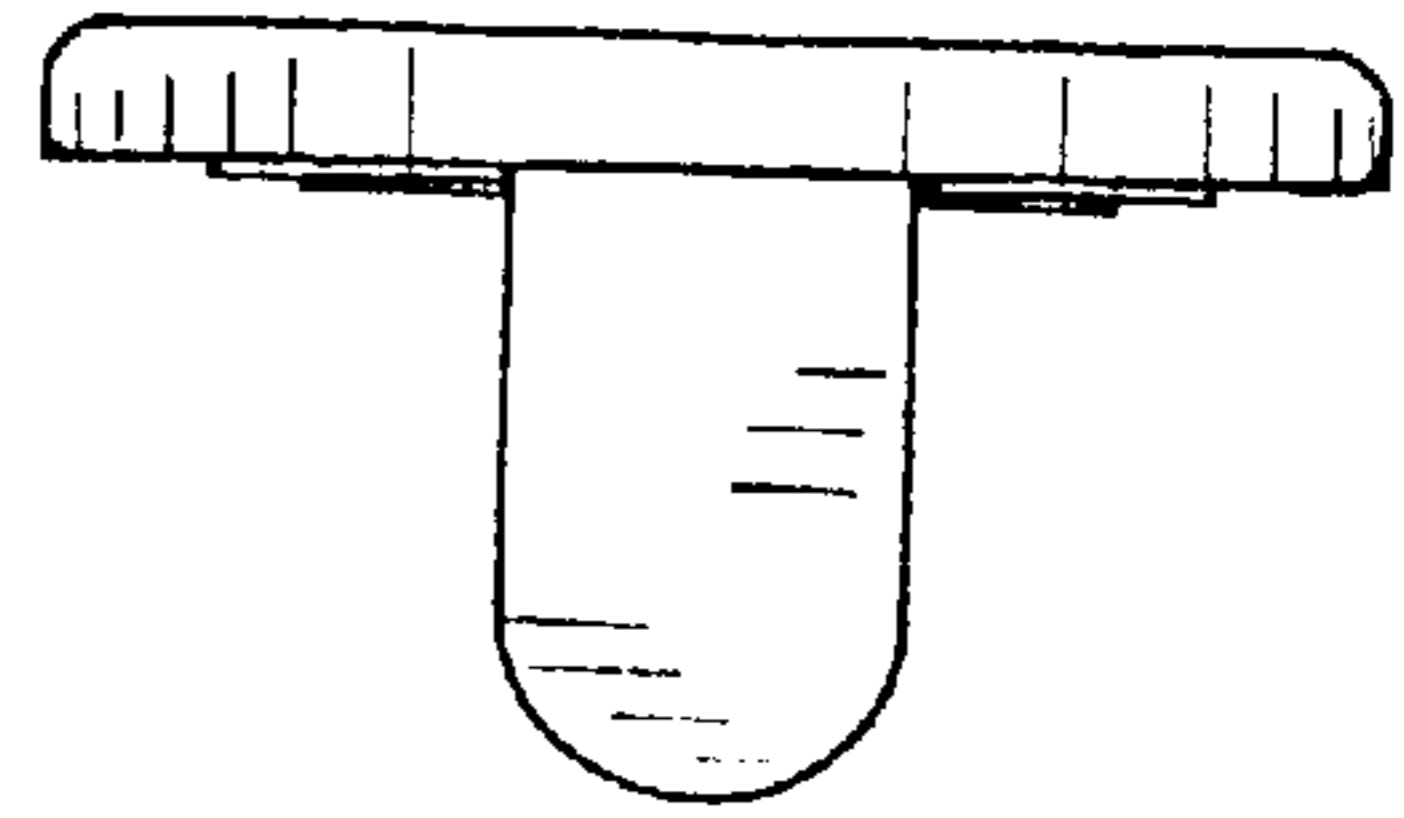


FIG. 83

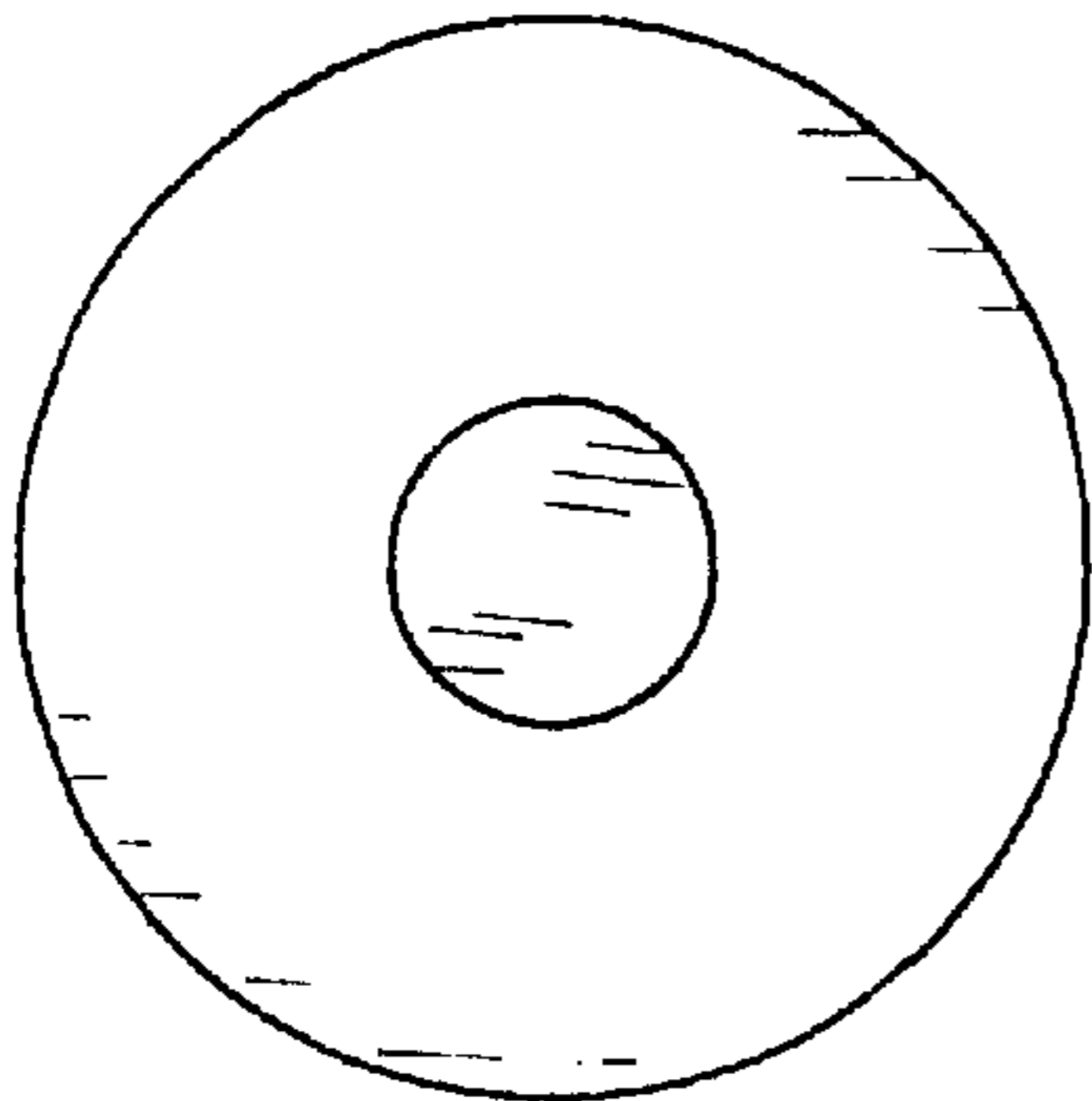


FIG. 84

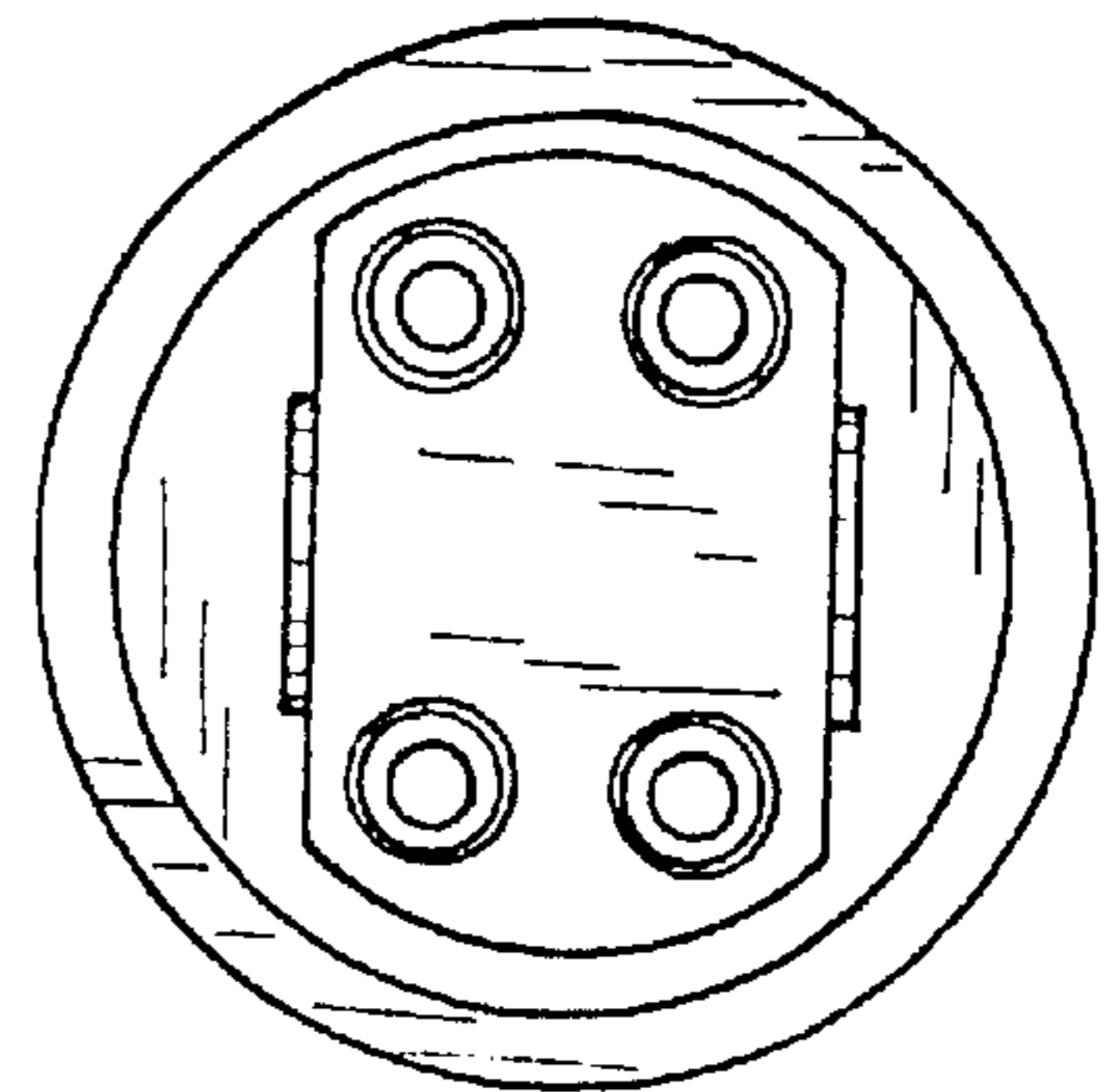


FIG. 85

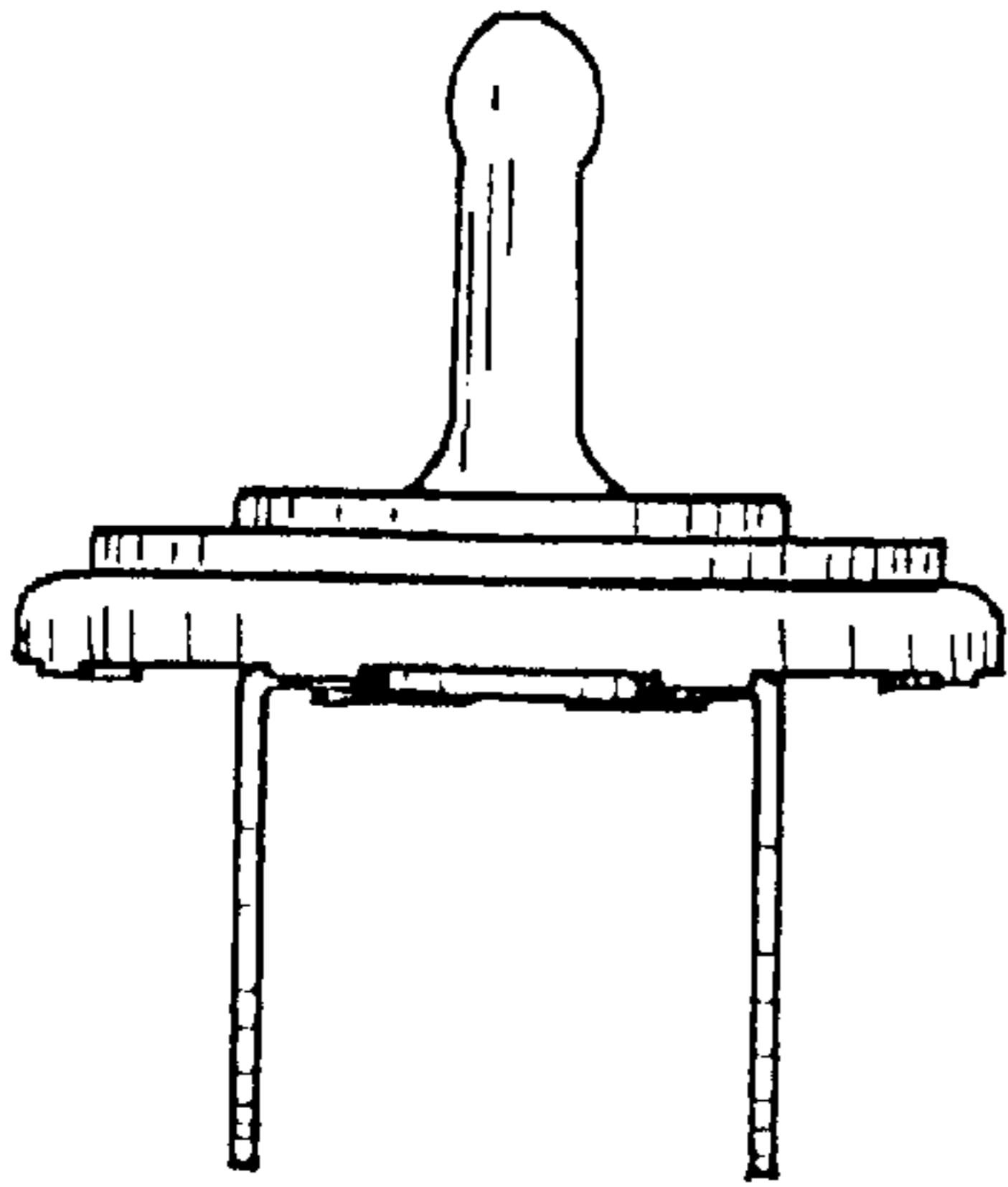


FIG. 86

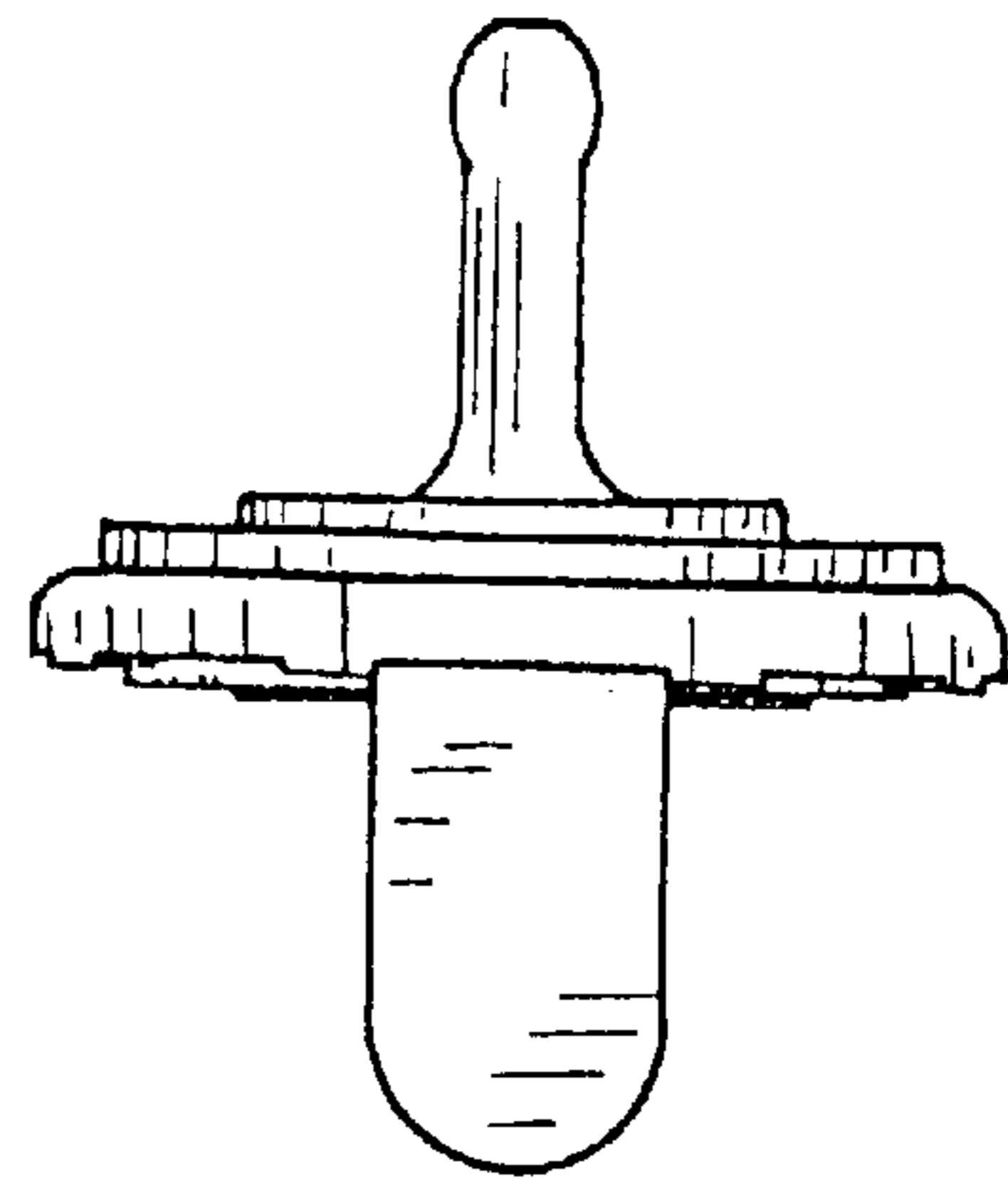


FIG. 87

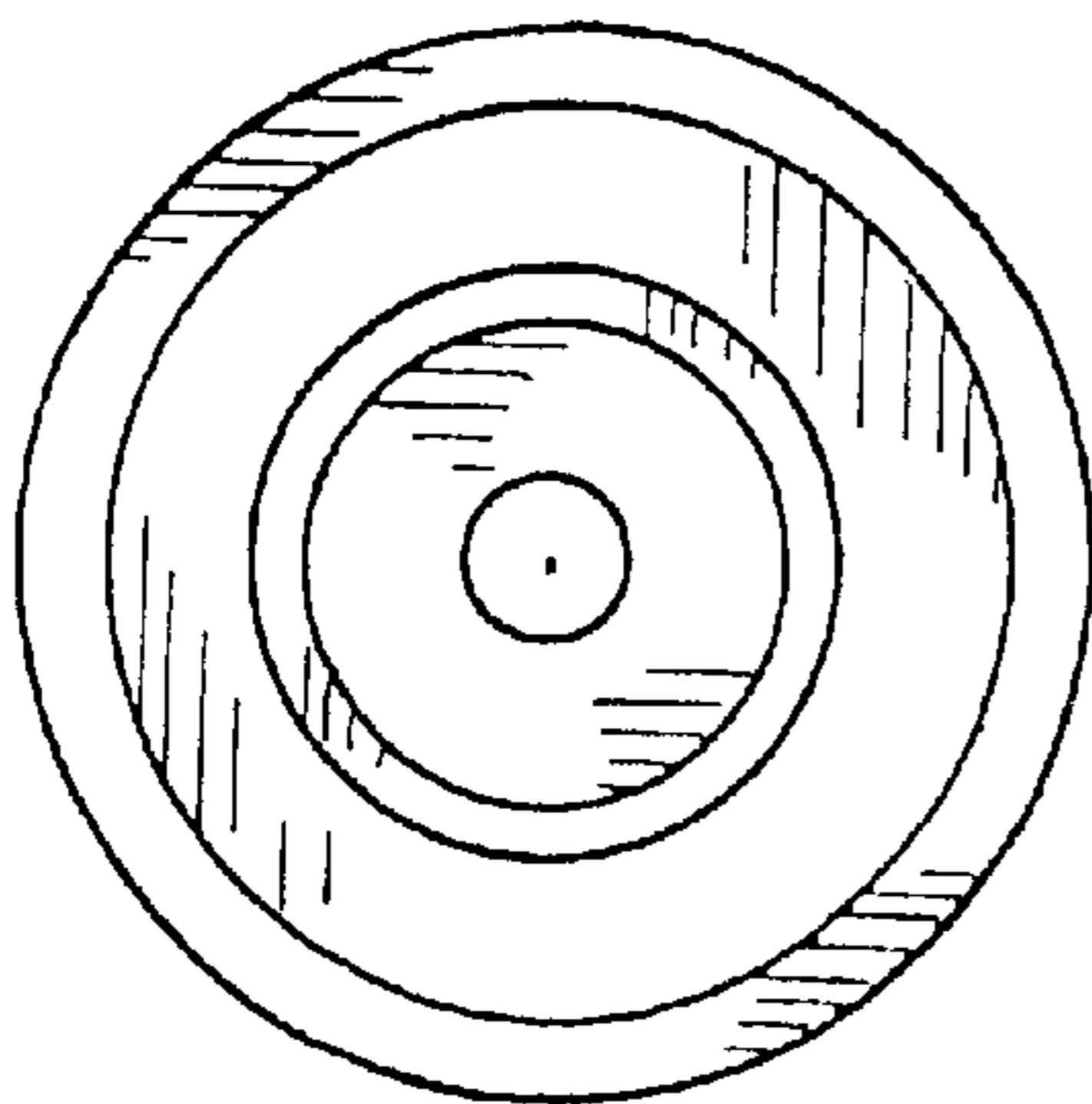


FIG. 88

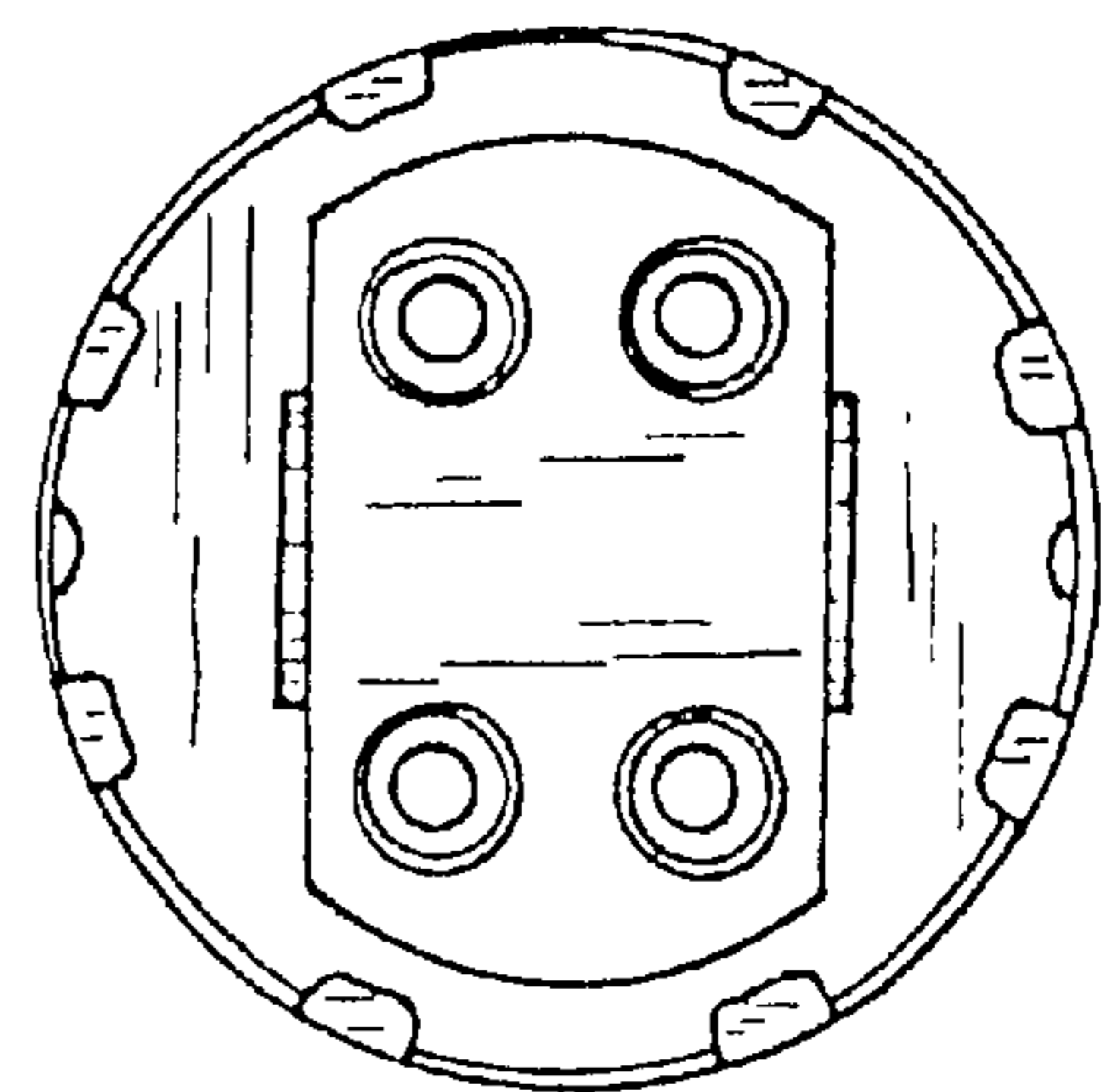


FIG. 89

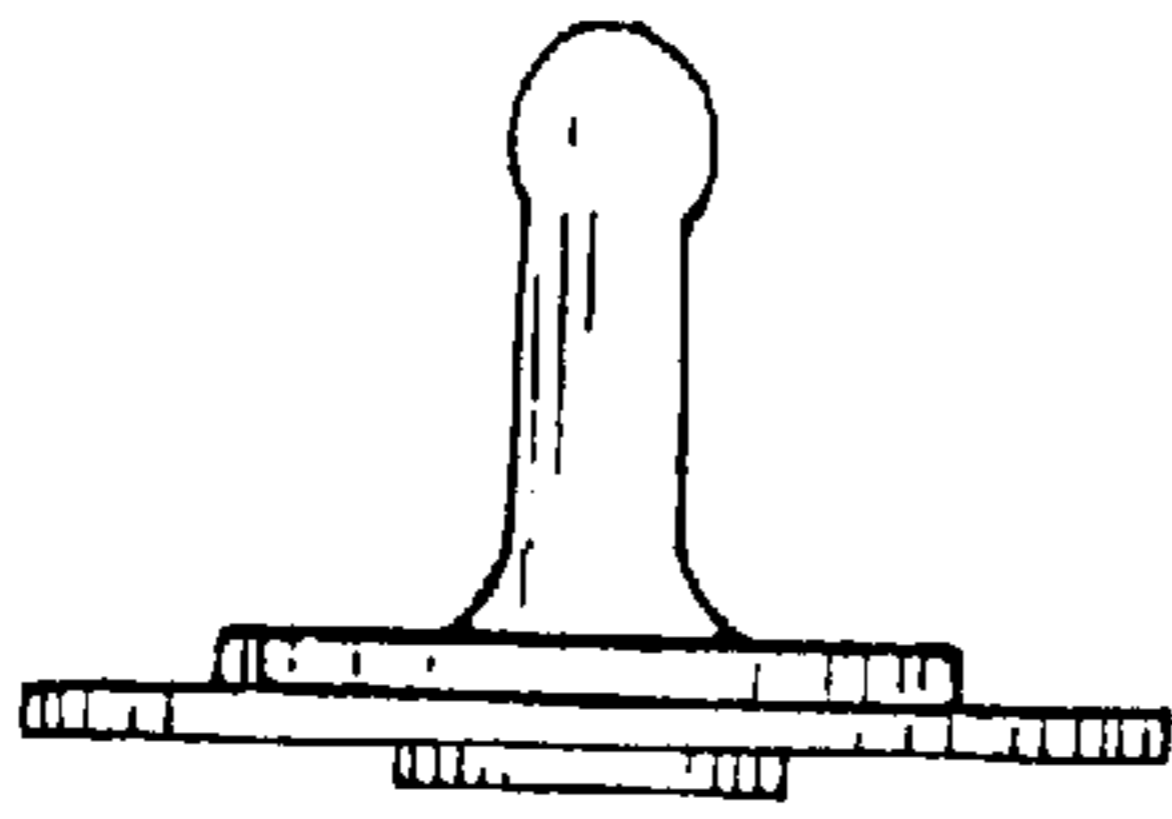


FIG. 90

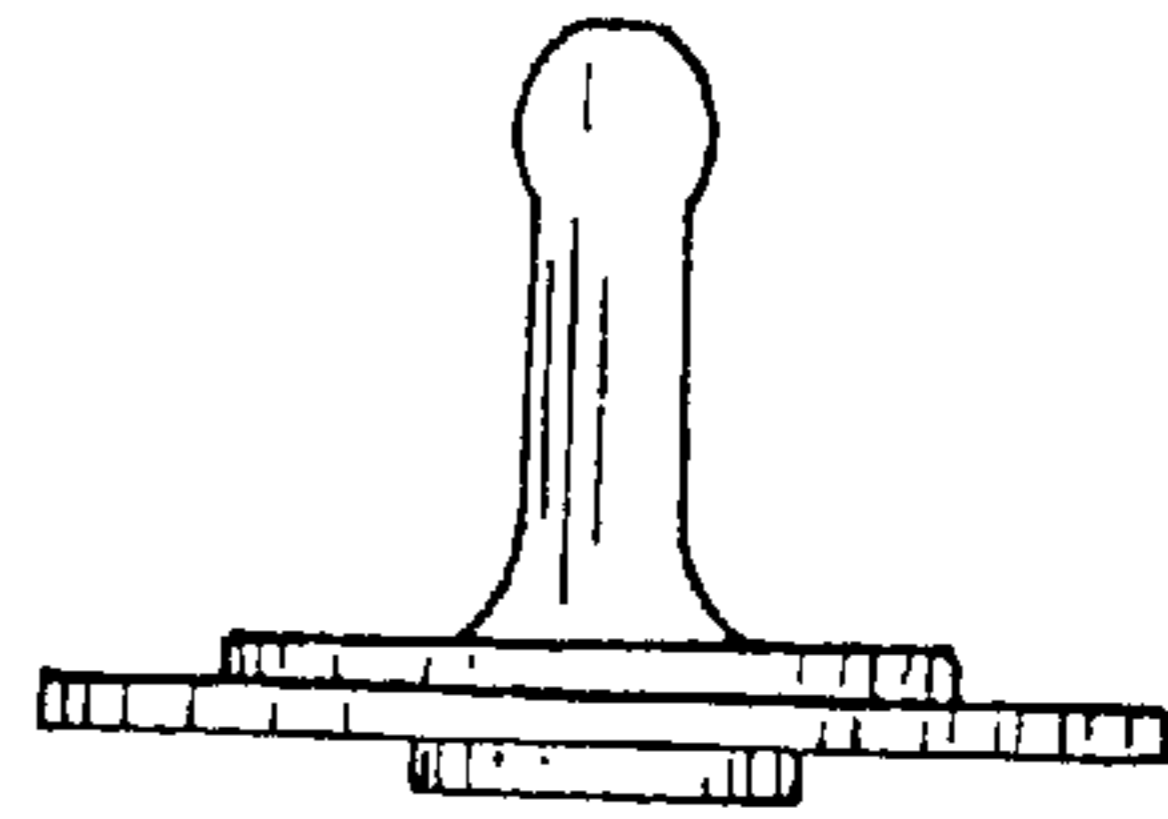


FIG. 91

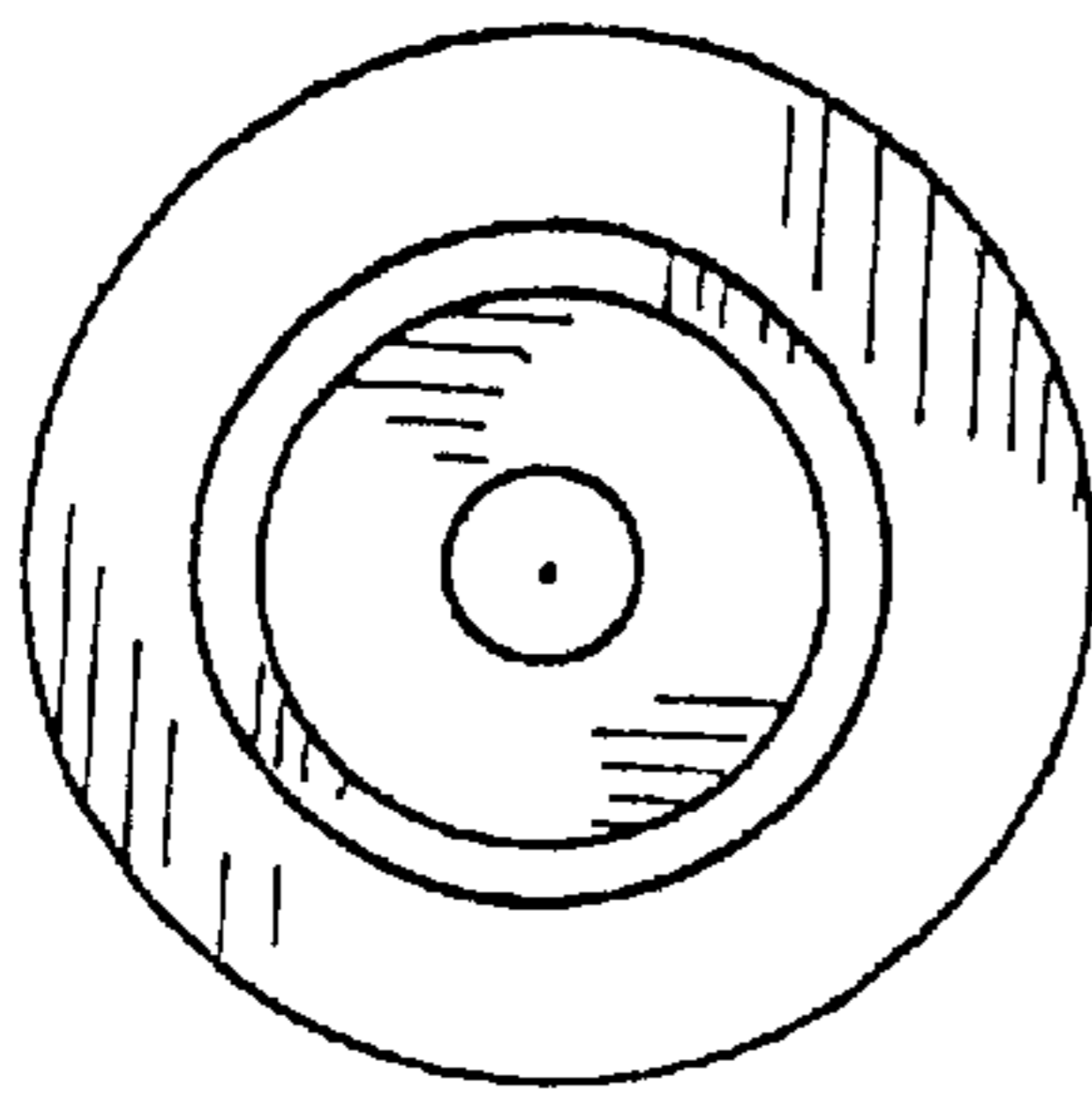


FIG. 92

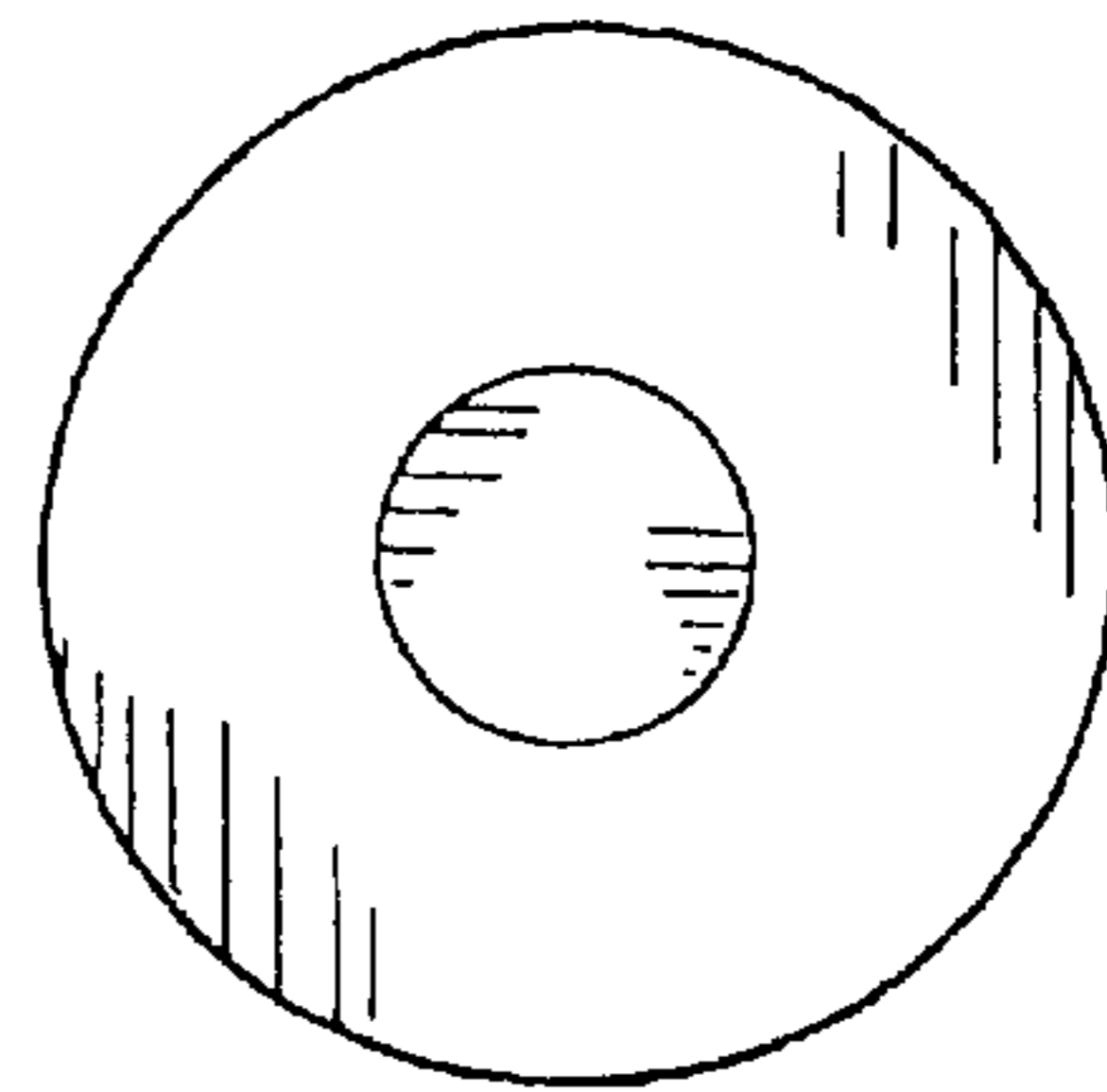


FIG. 93

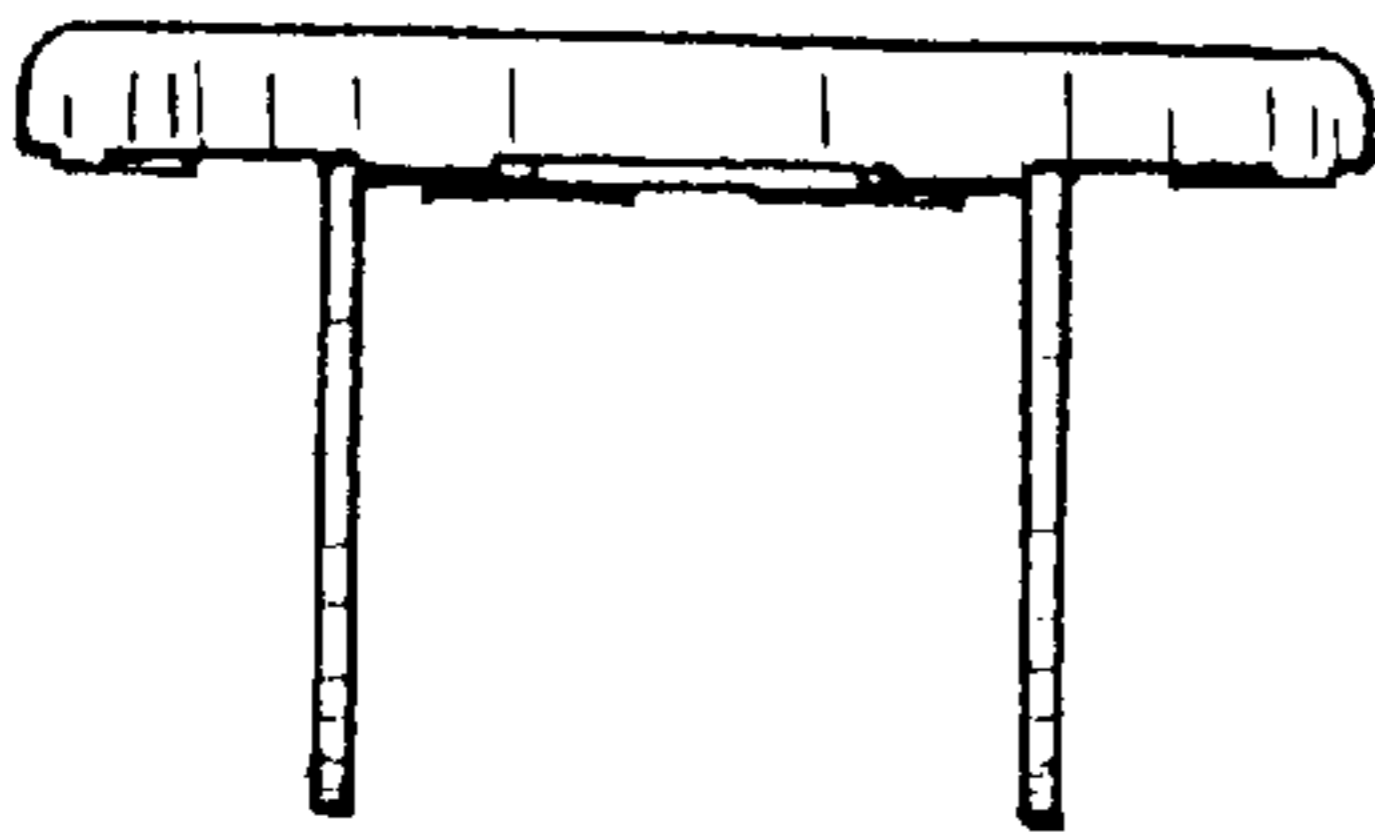


FIG. 94

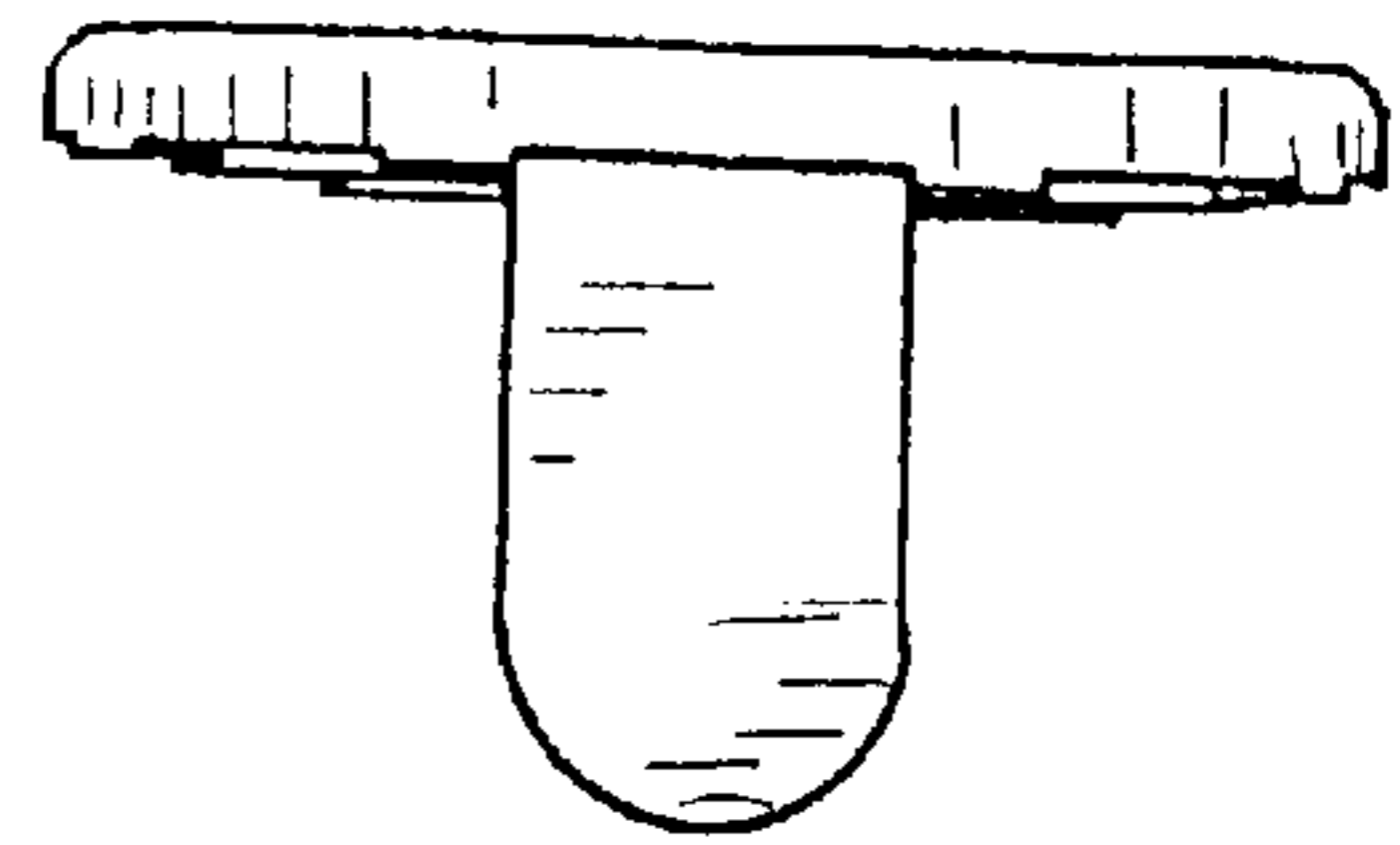


FIG. 95

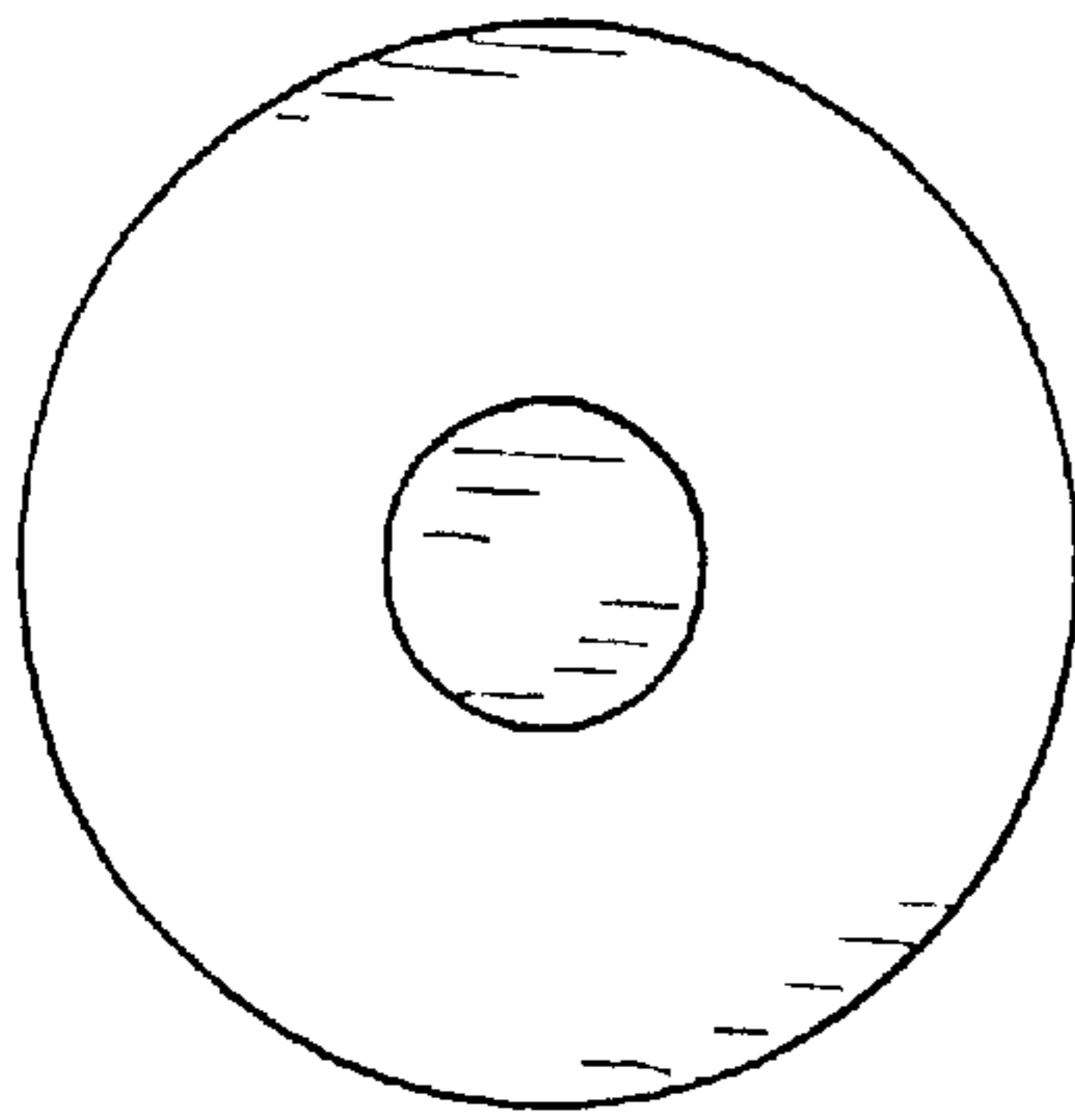


FIG. 96

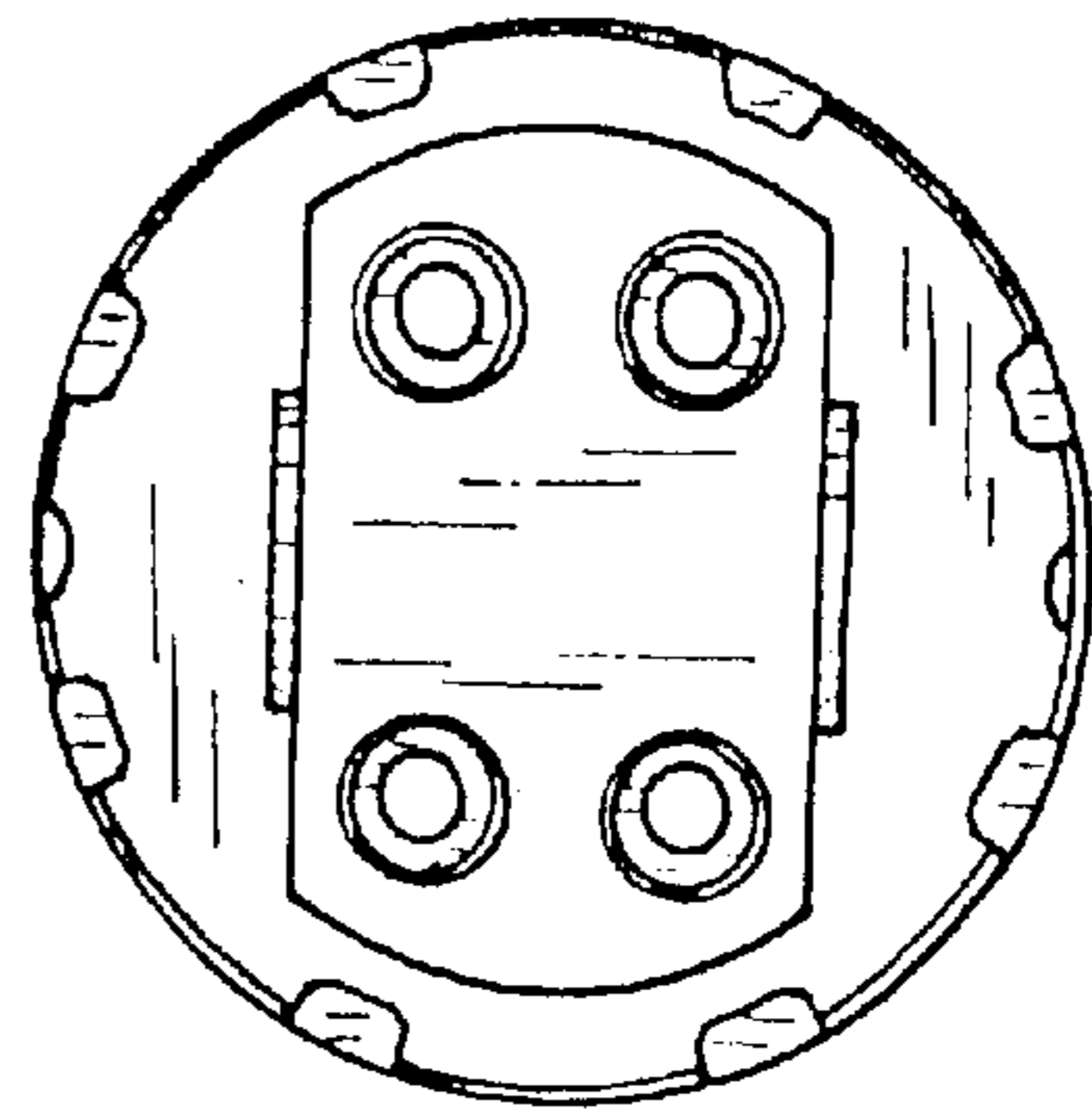


FIG. 97

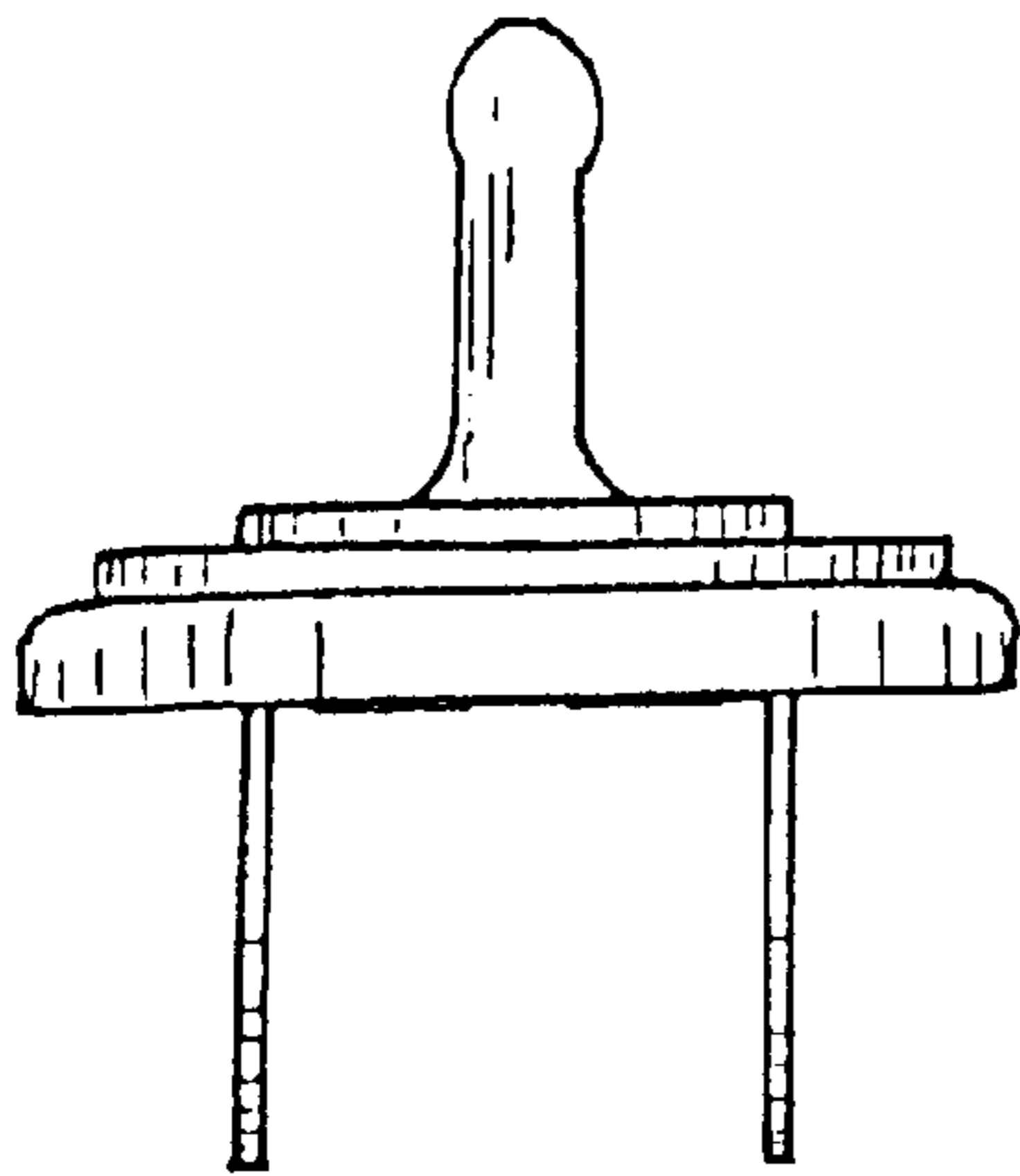


FIG. 98

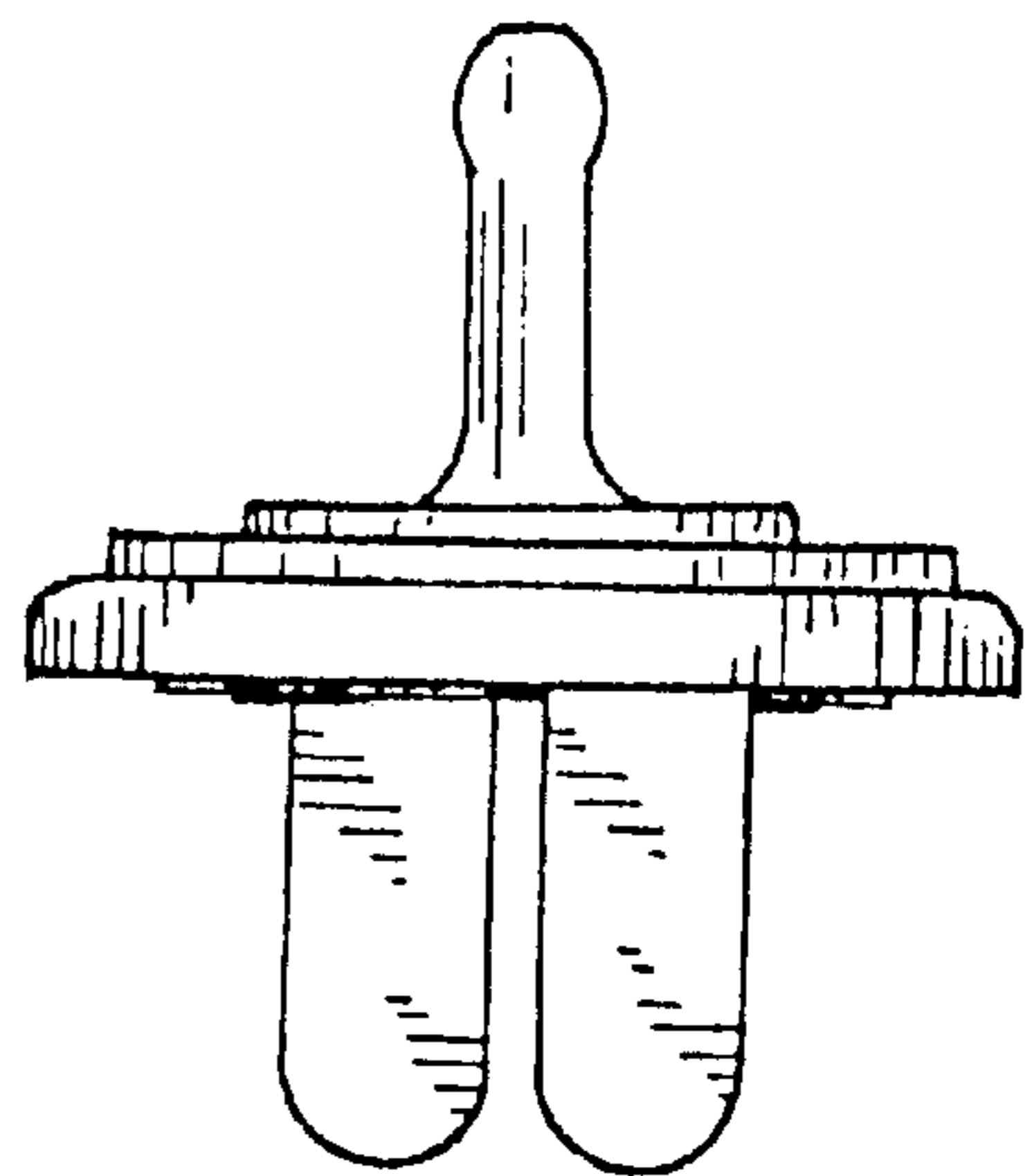


FIG. 99

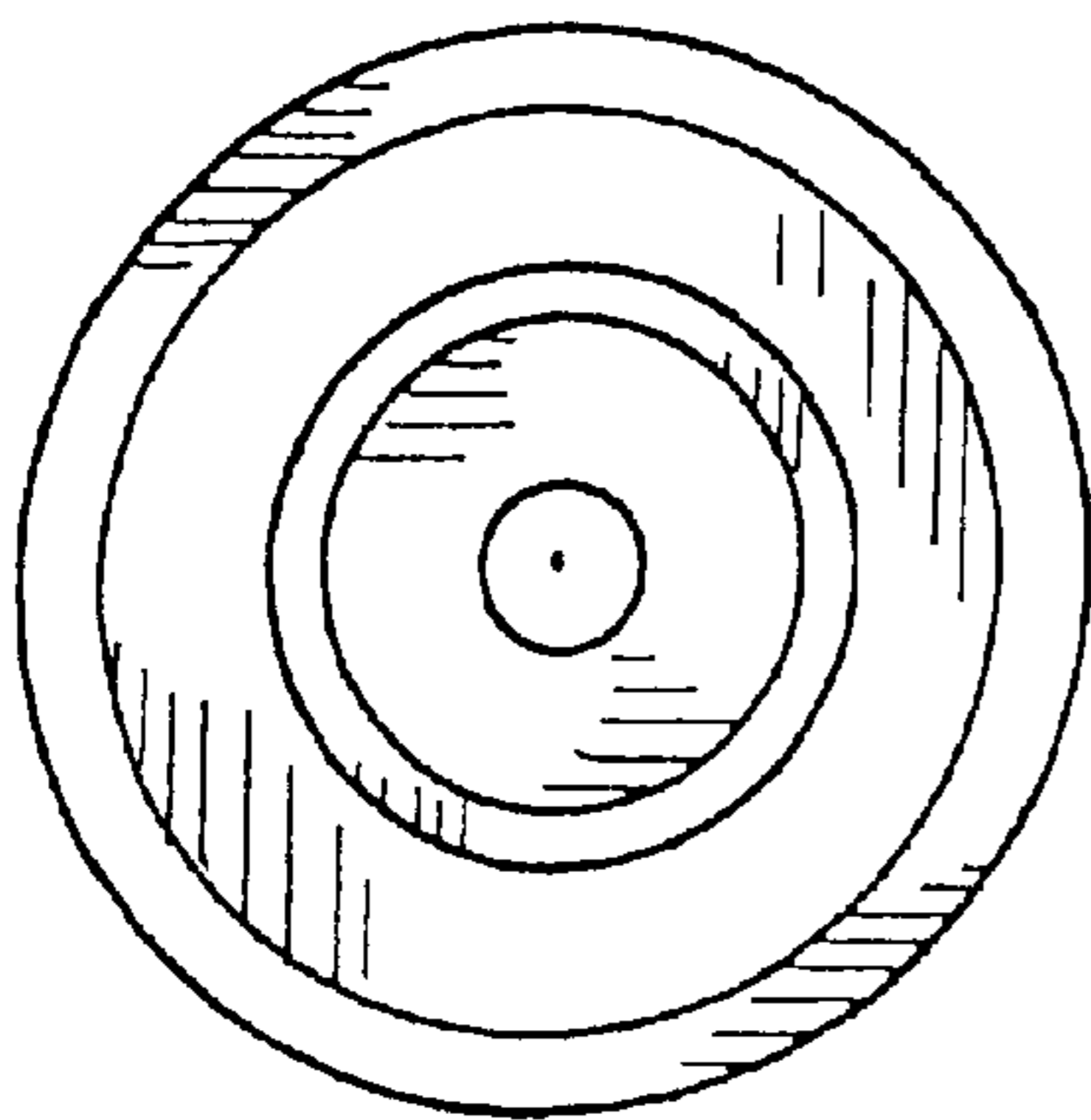


FIG. 100

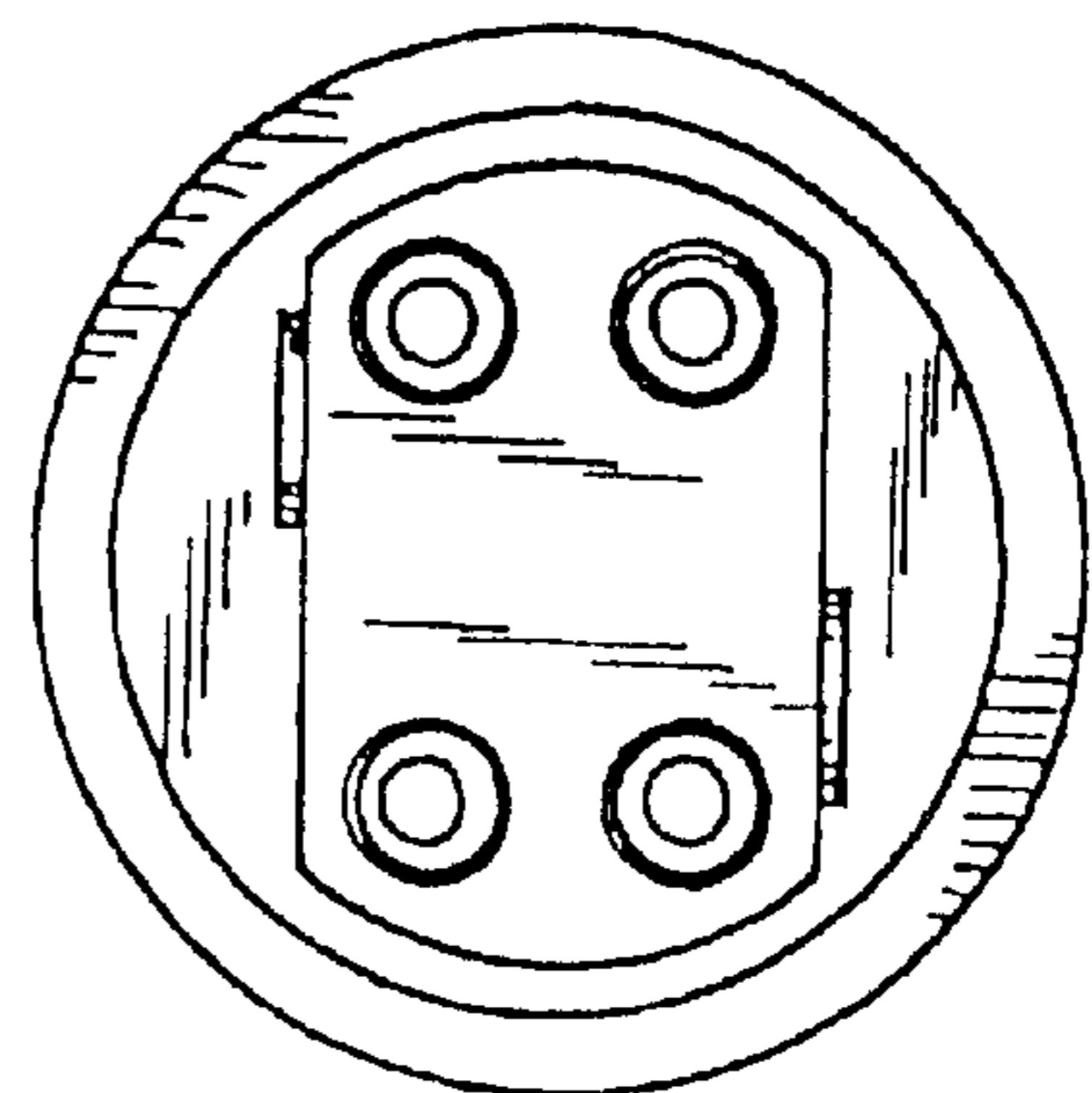


FIG. 101

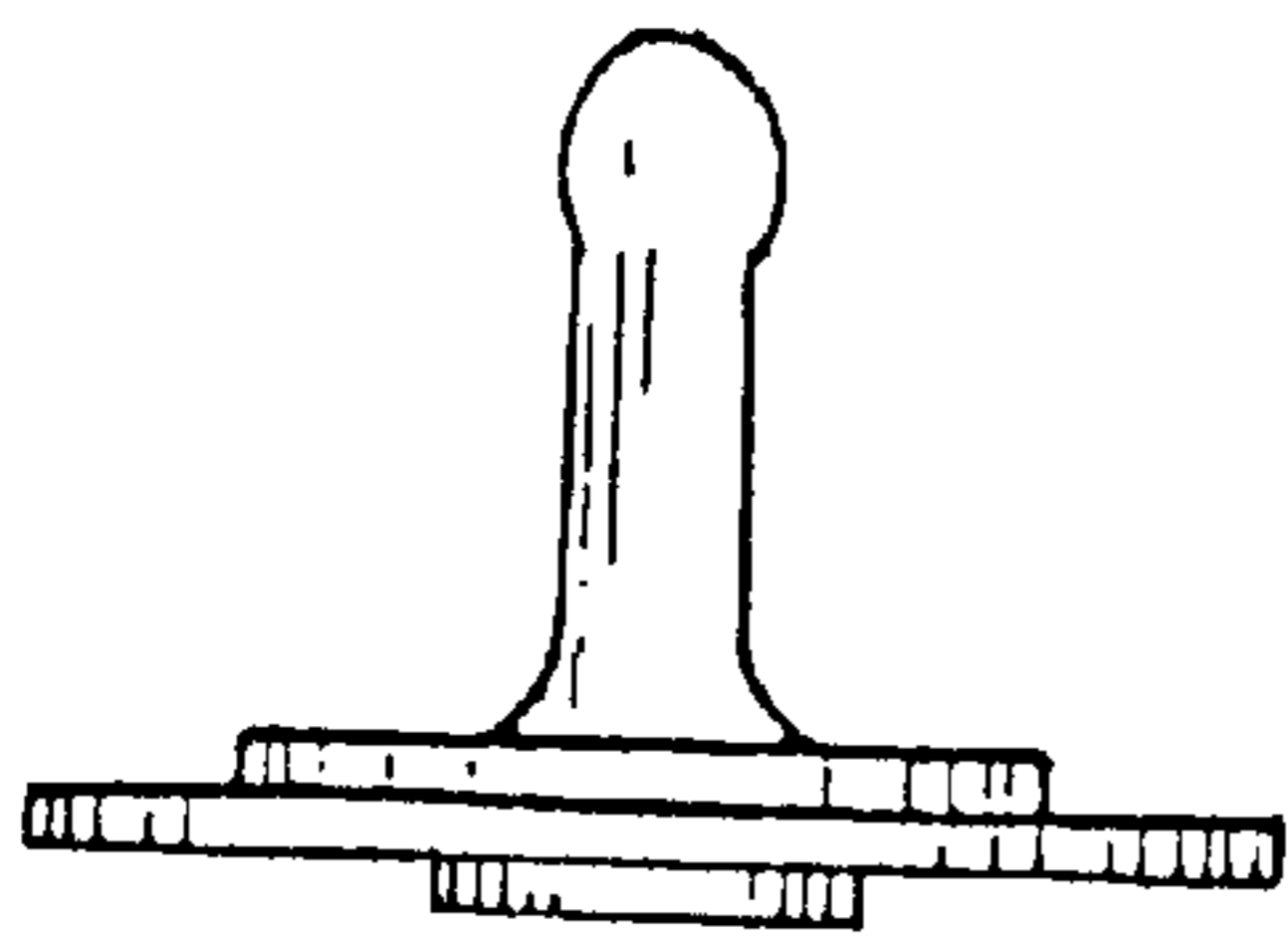


FIG. 102

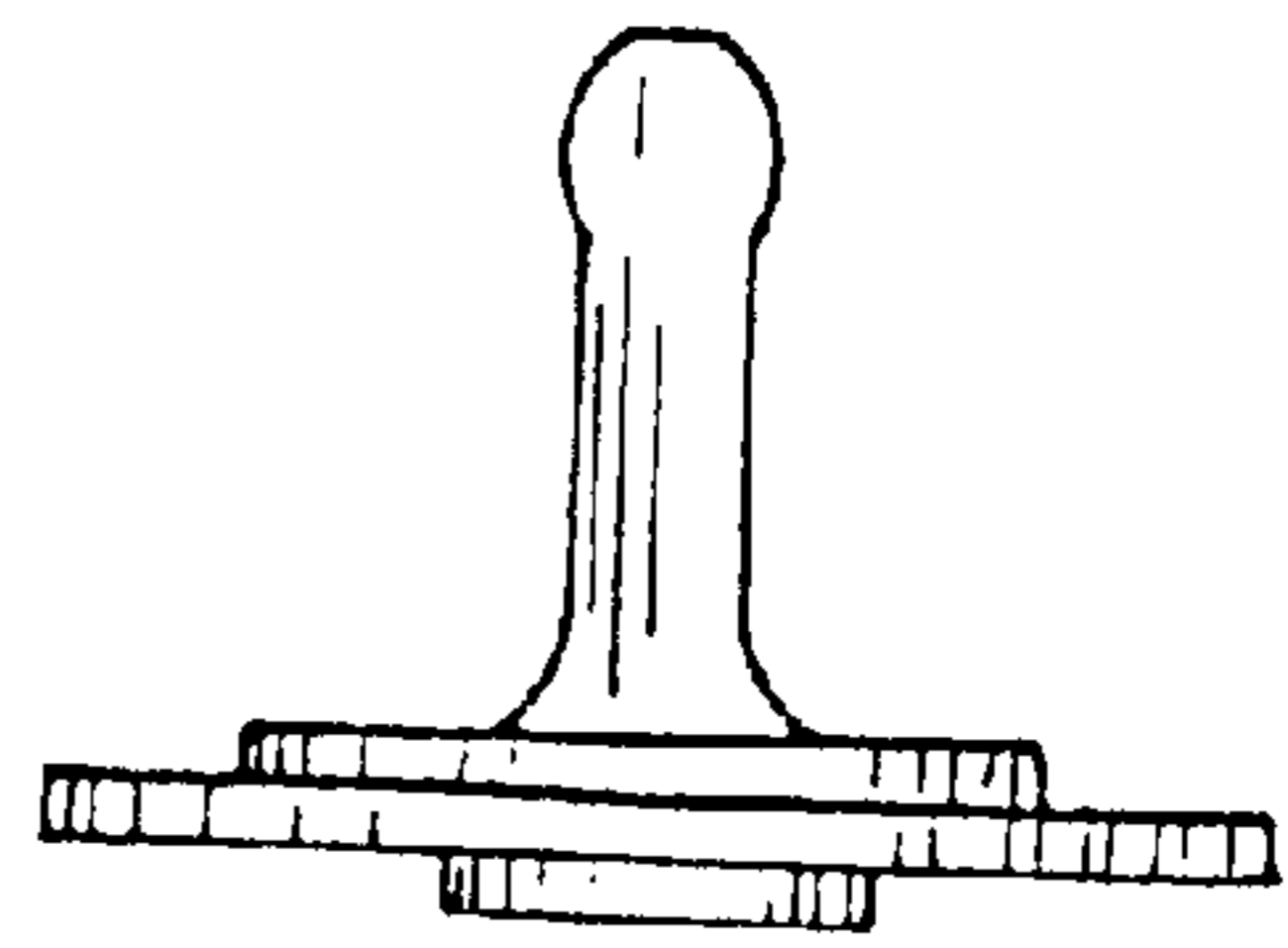


FIG. 103

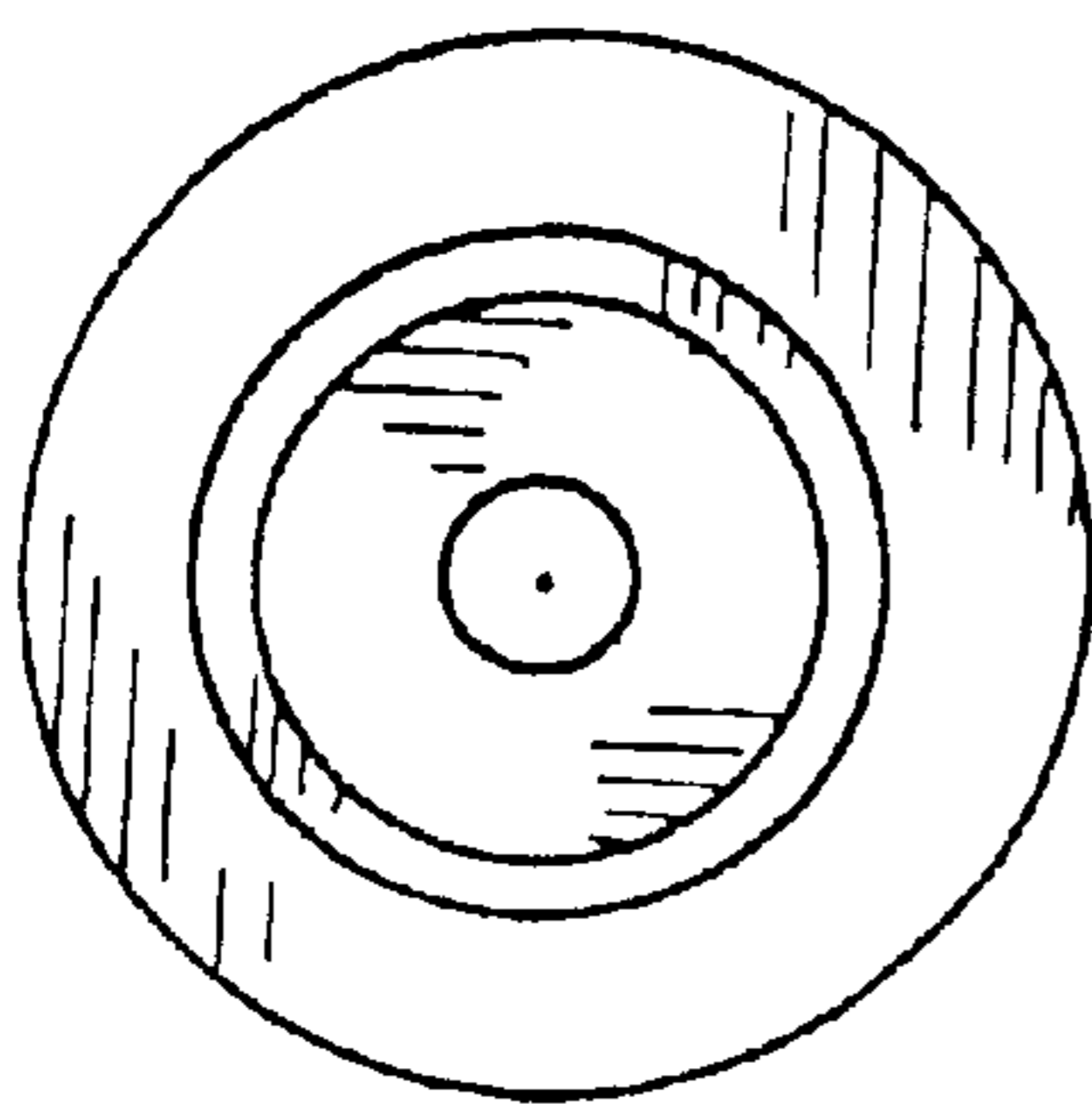


FIG. 104

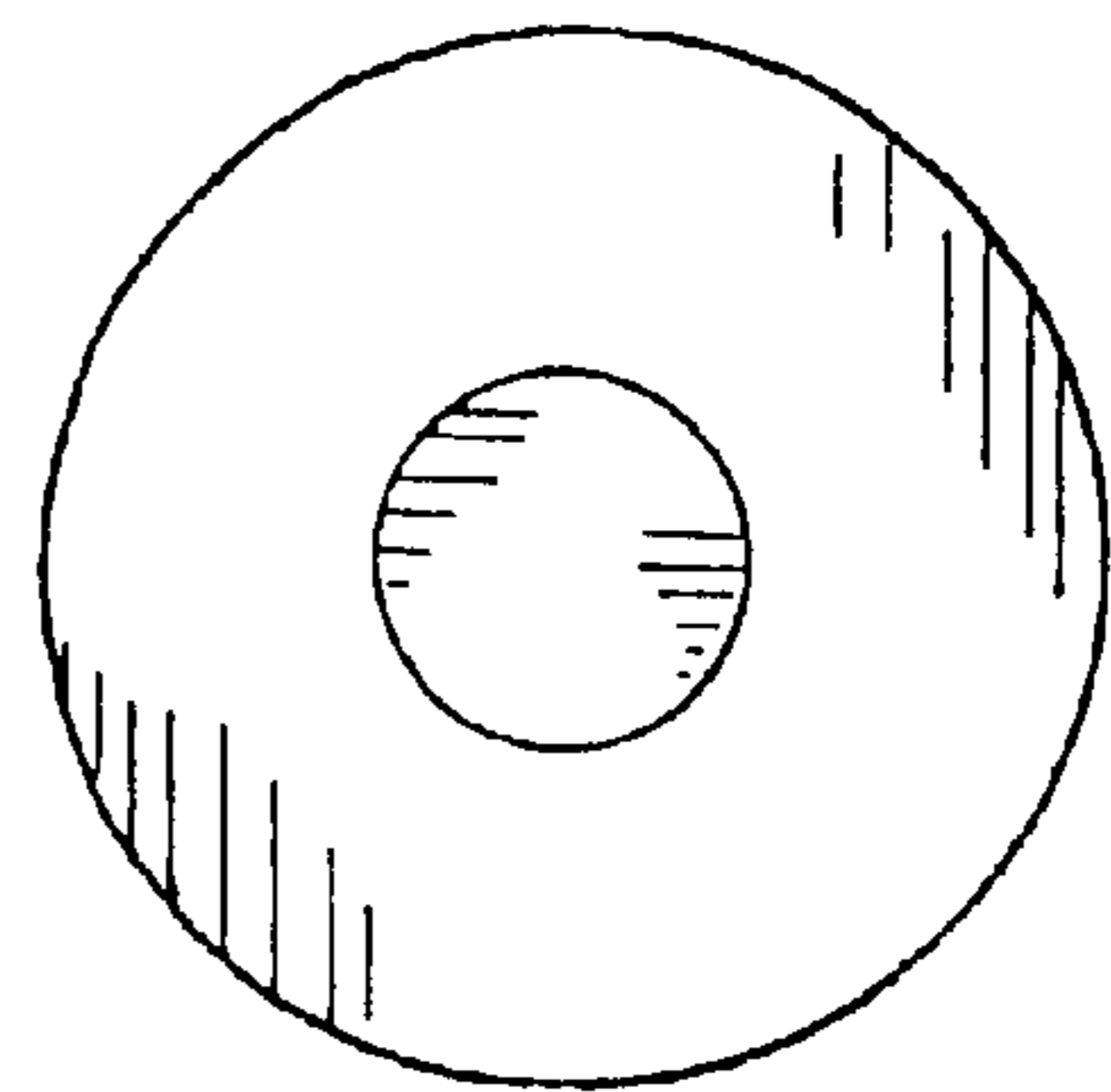


FIG. 105

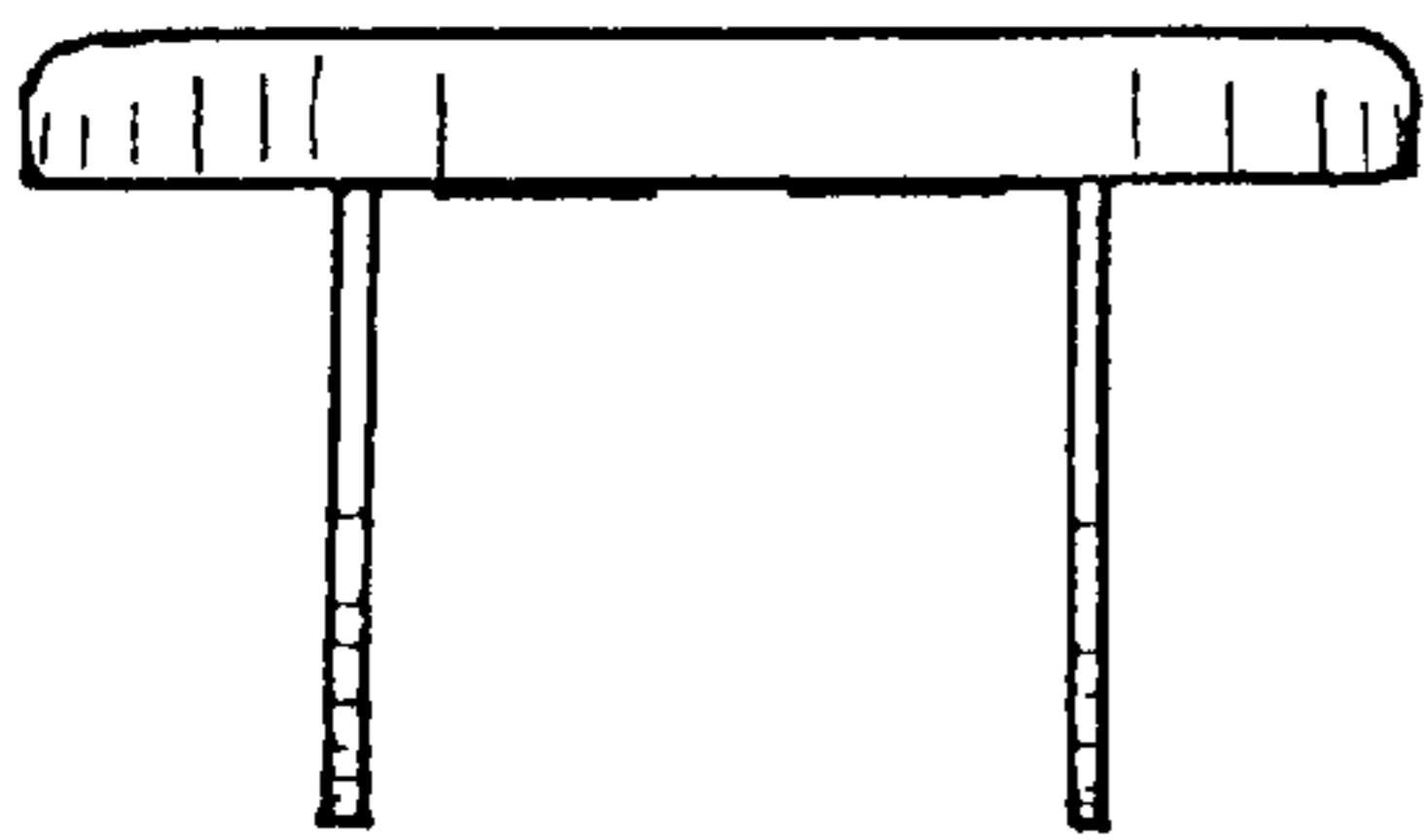


FIG. 106

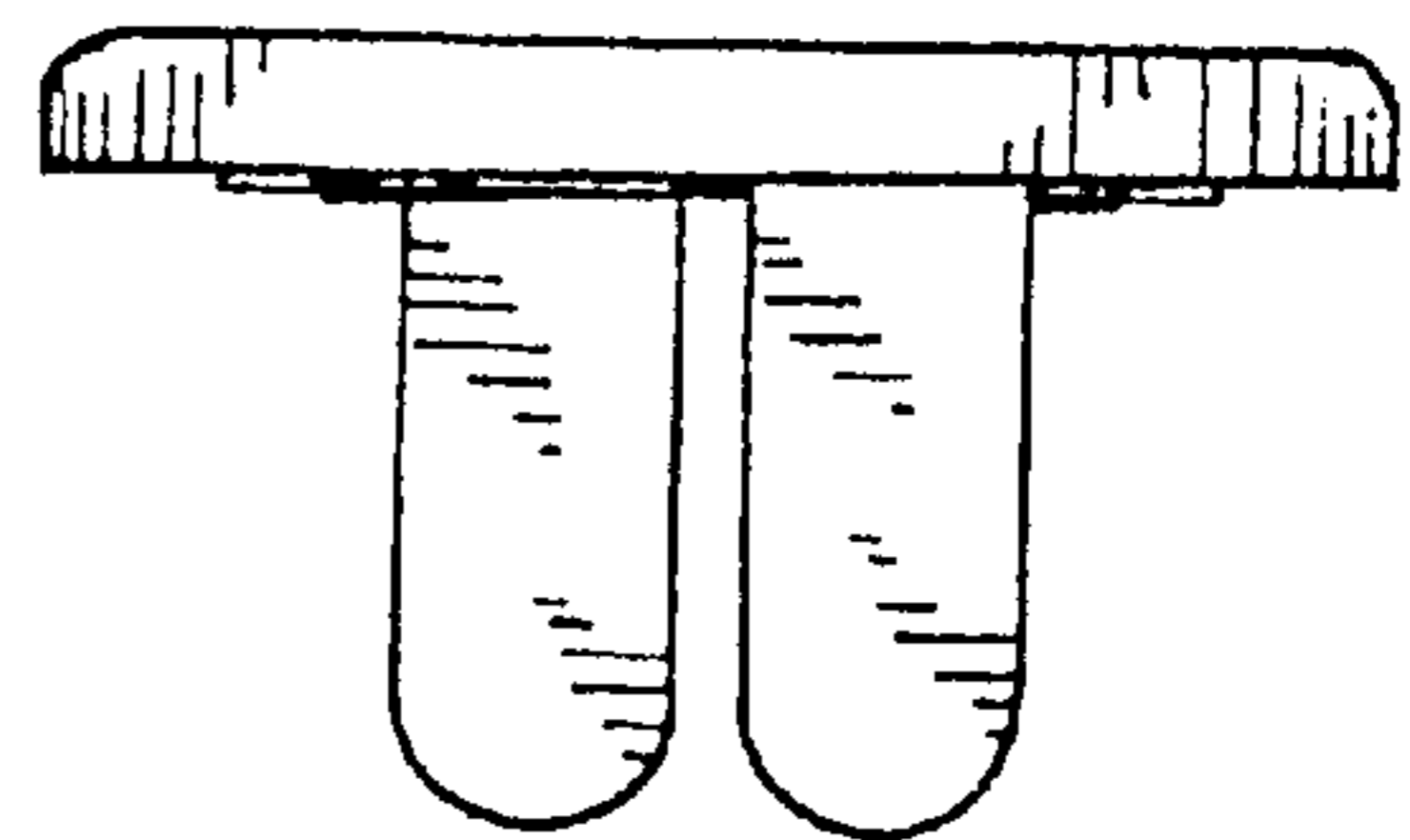


FIG. 107

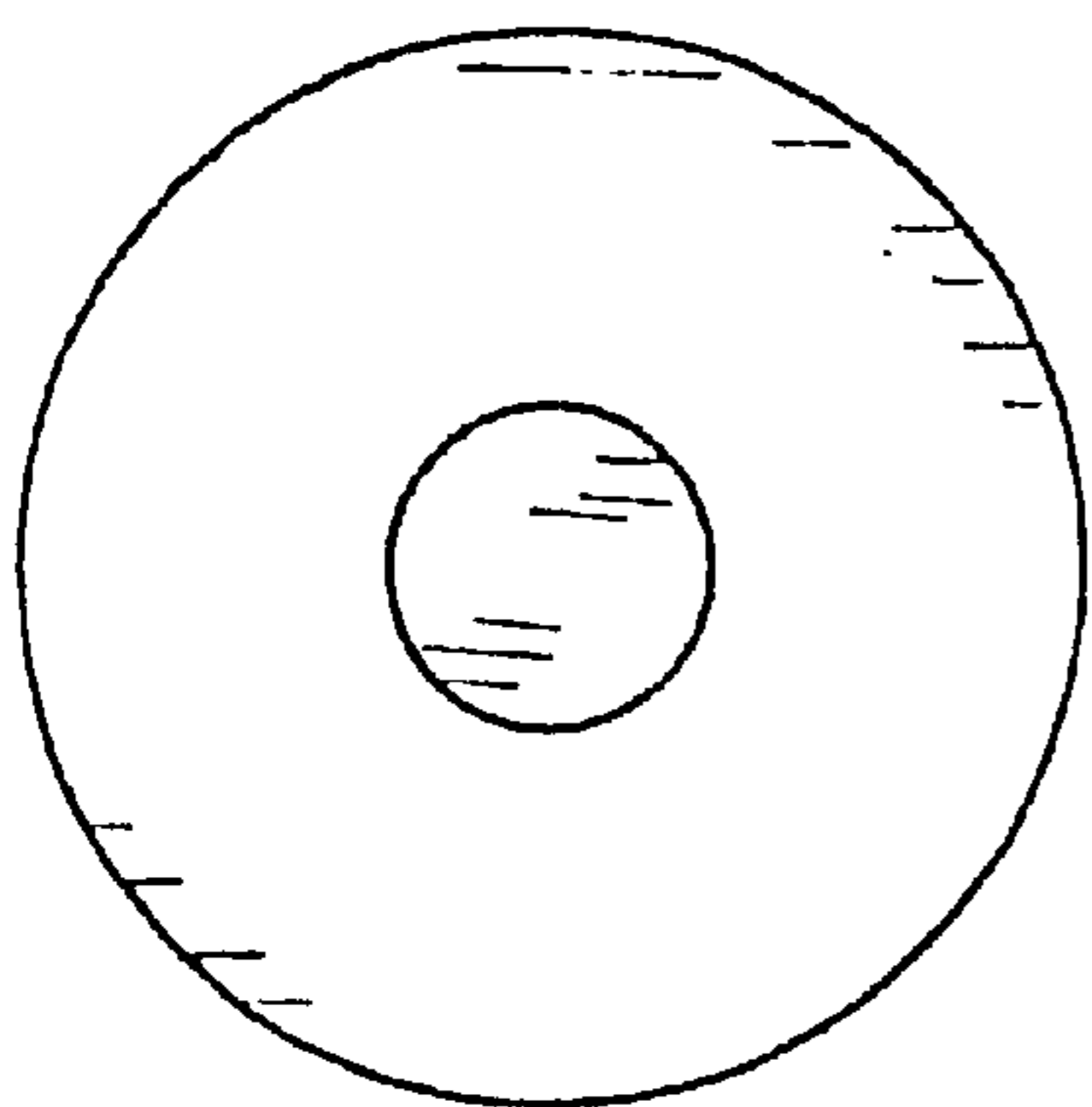


FIG. 108

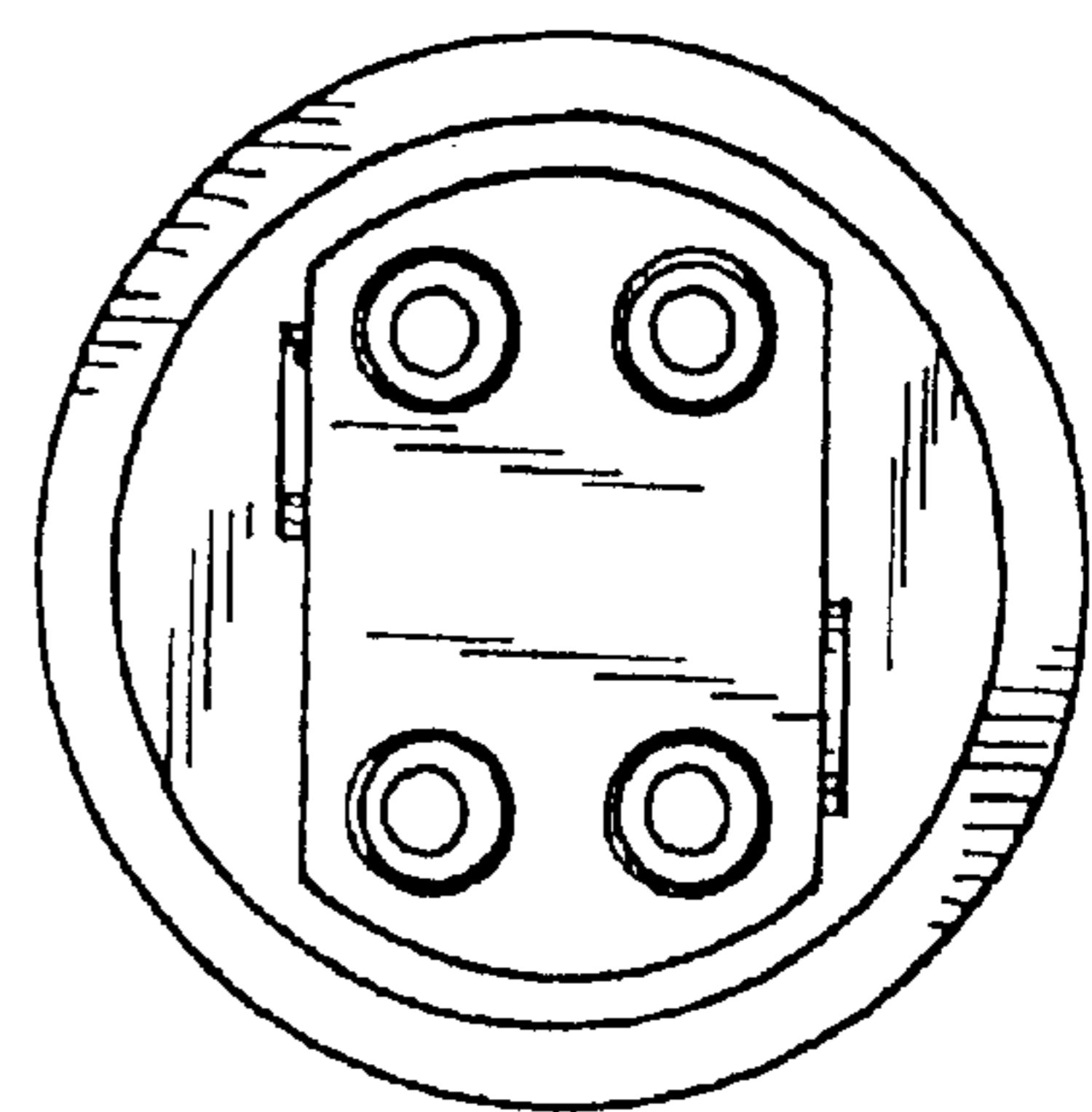


FIG. 109

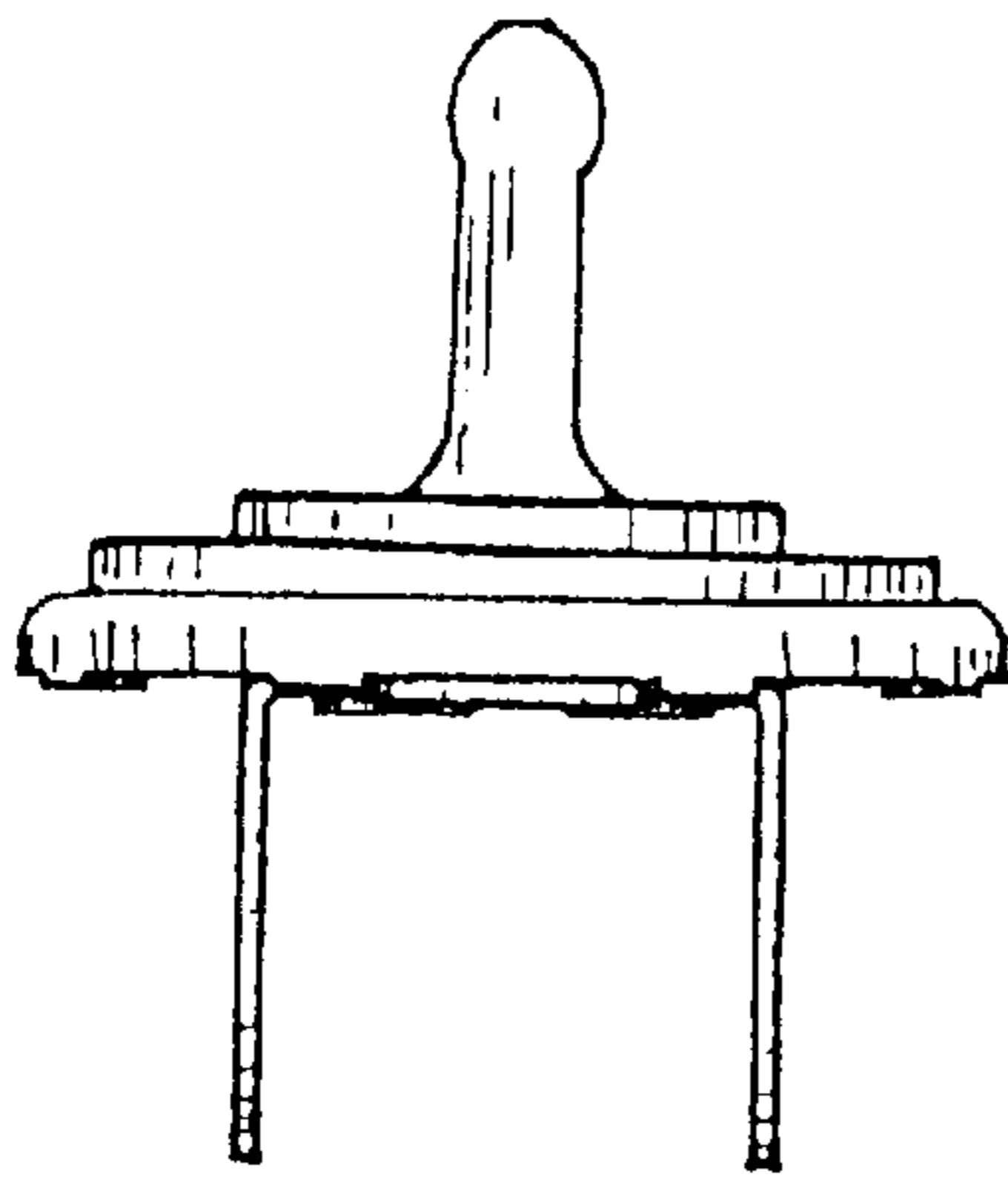


FIG. 110

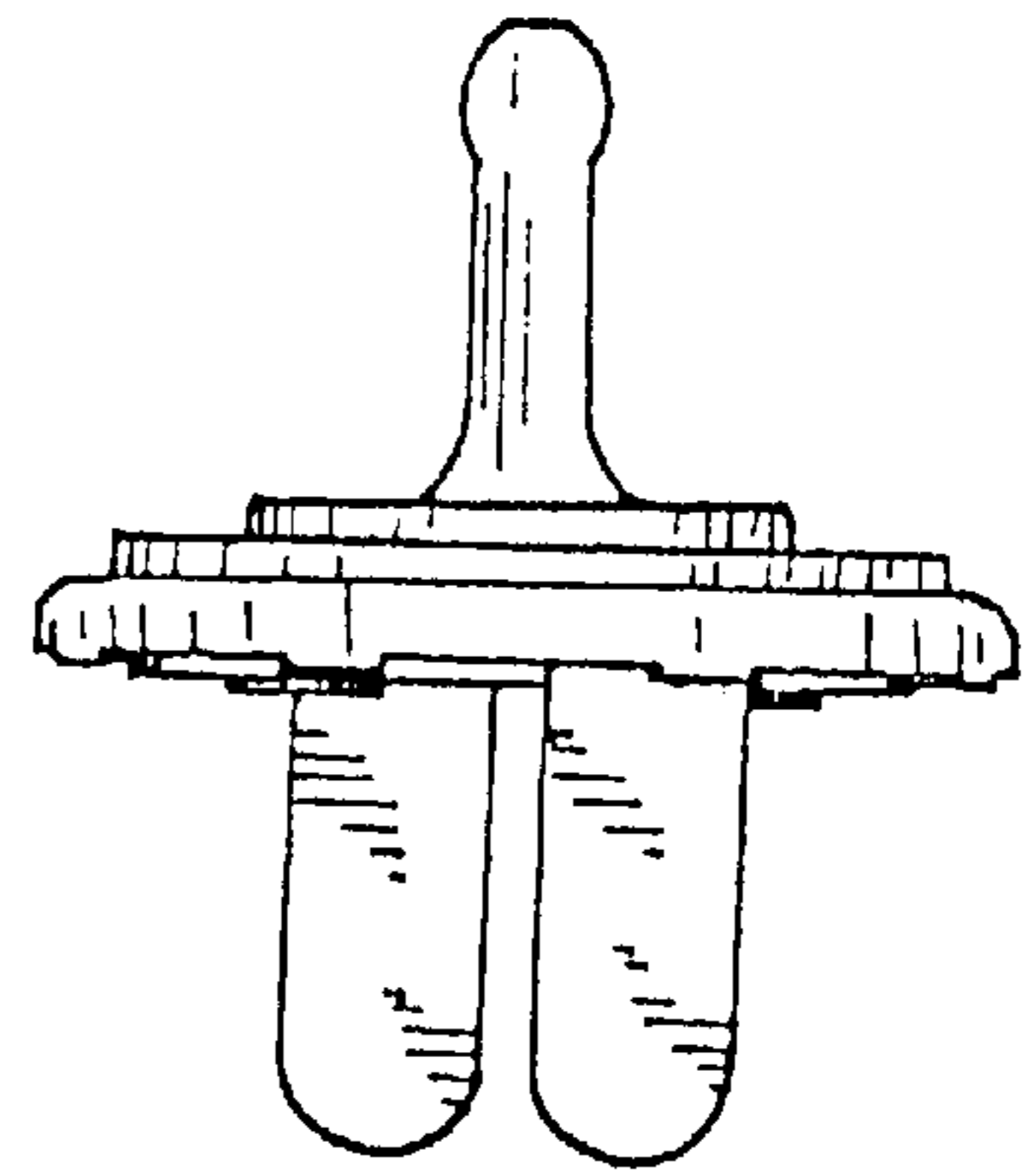


FIG. 111

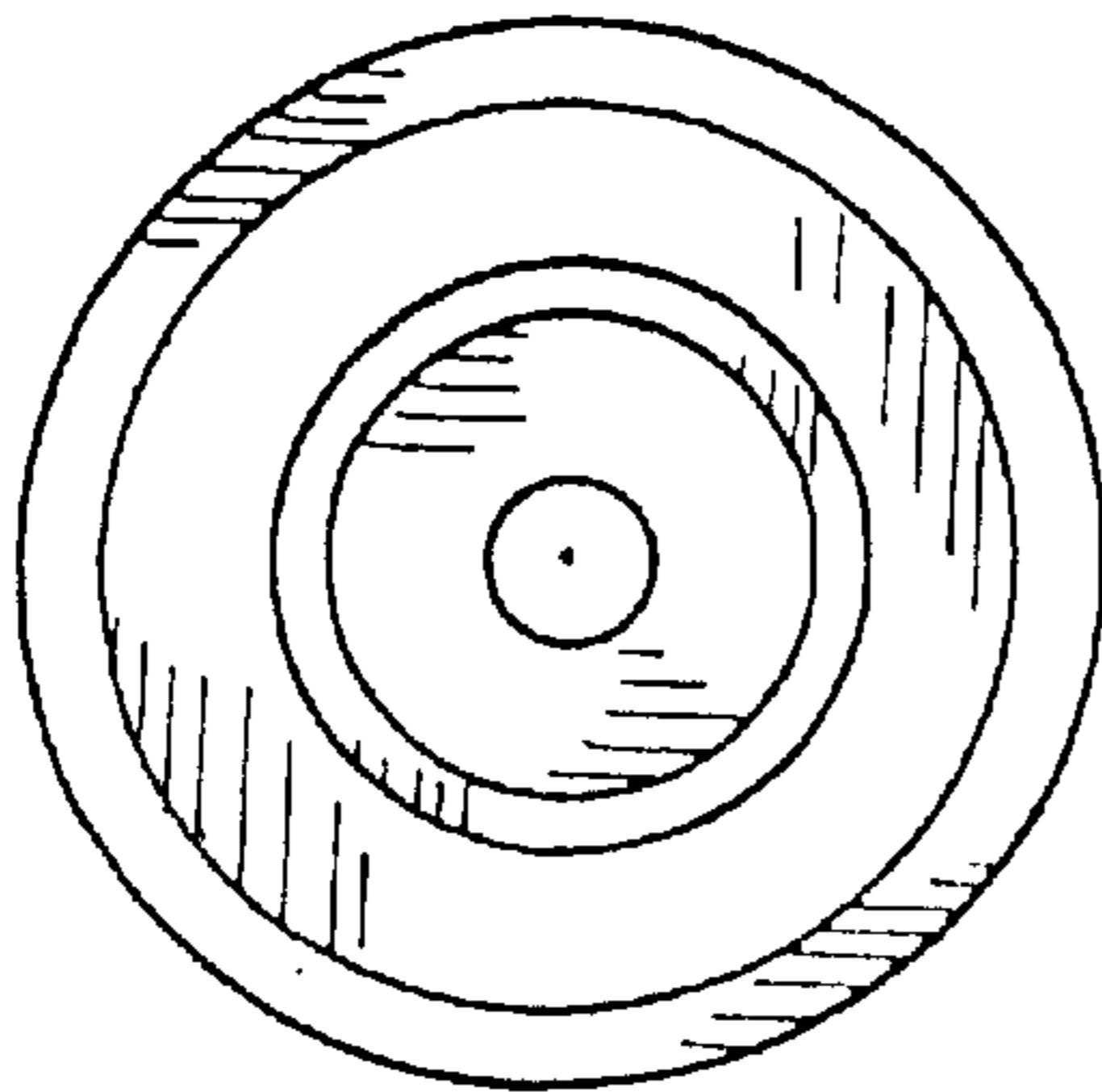


FIG. 112

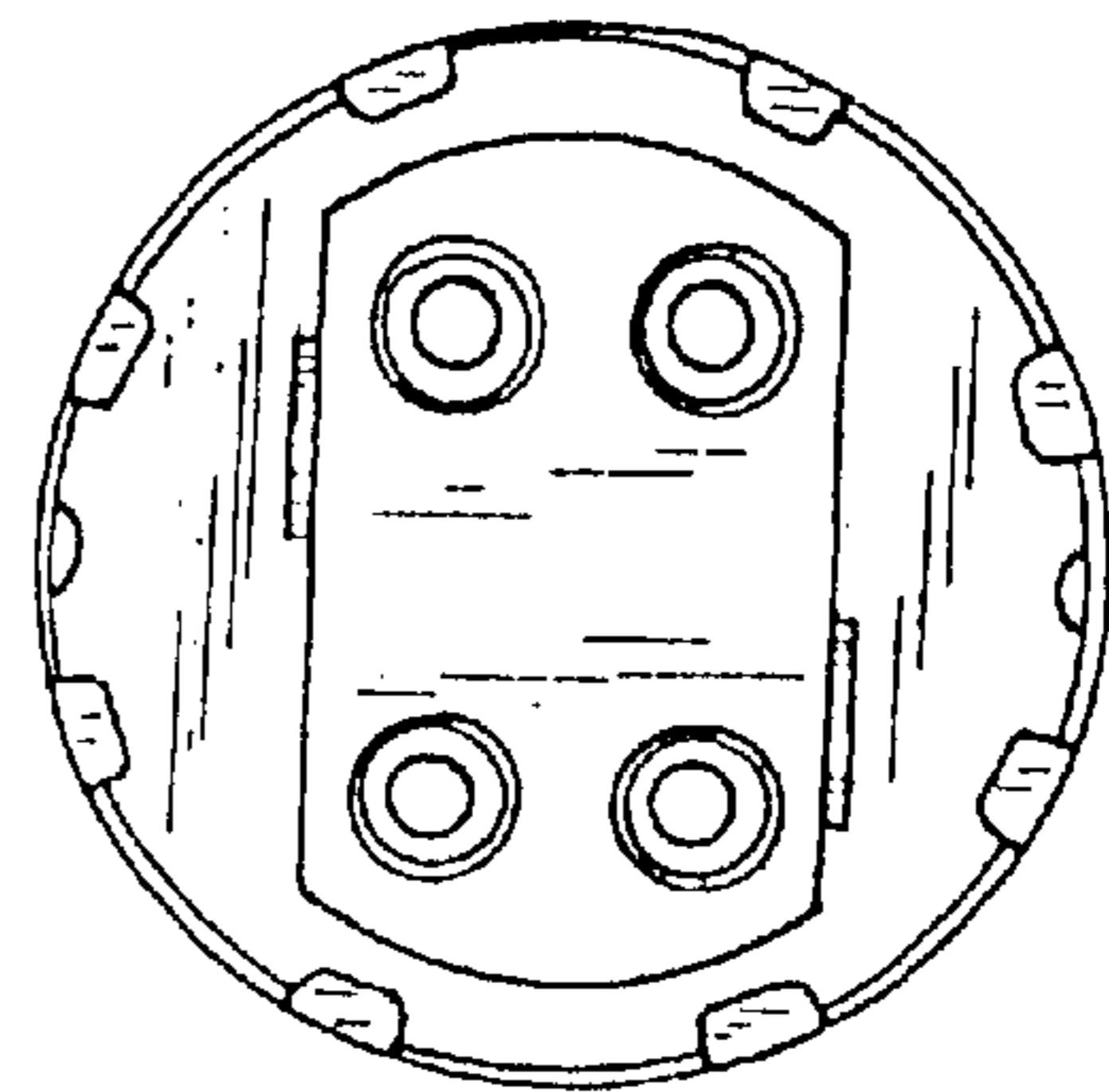


FIG. 113

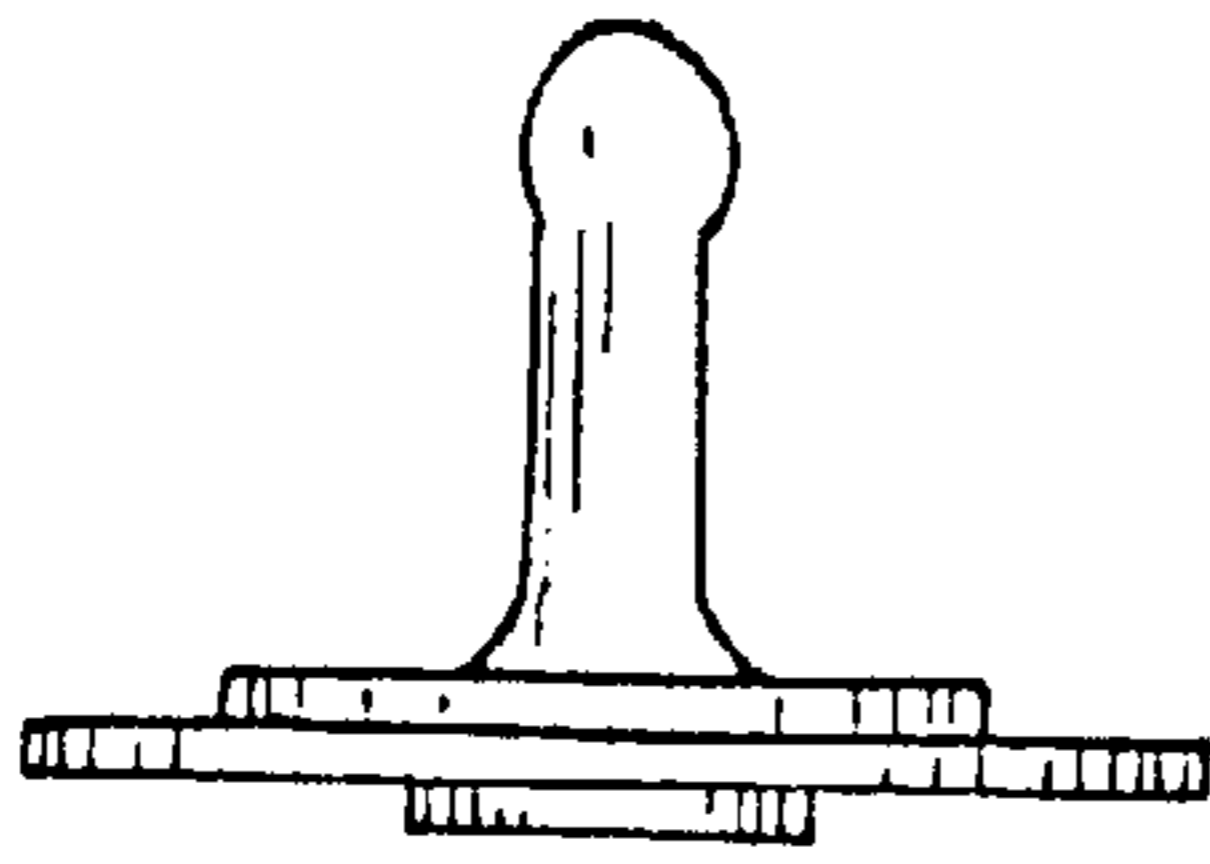


FIG. 114

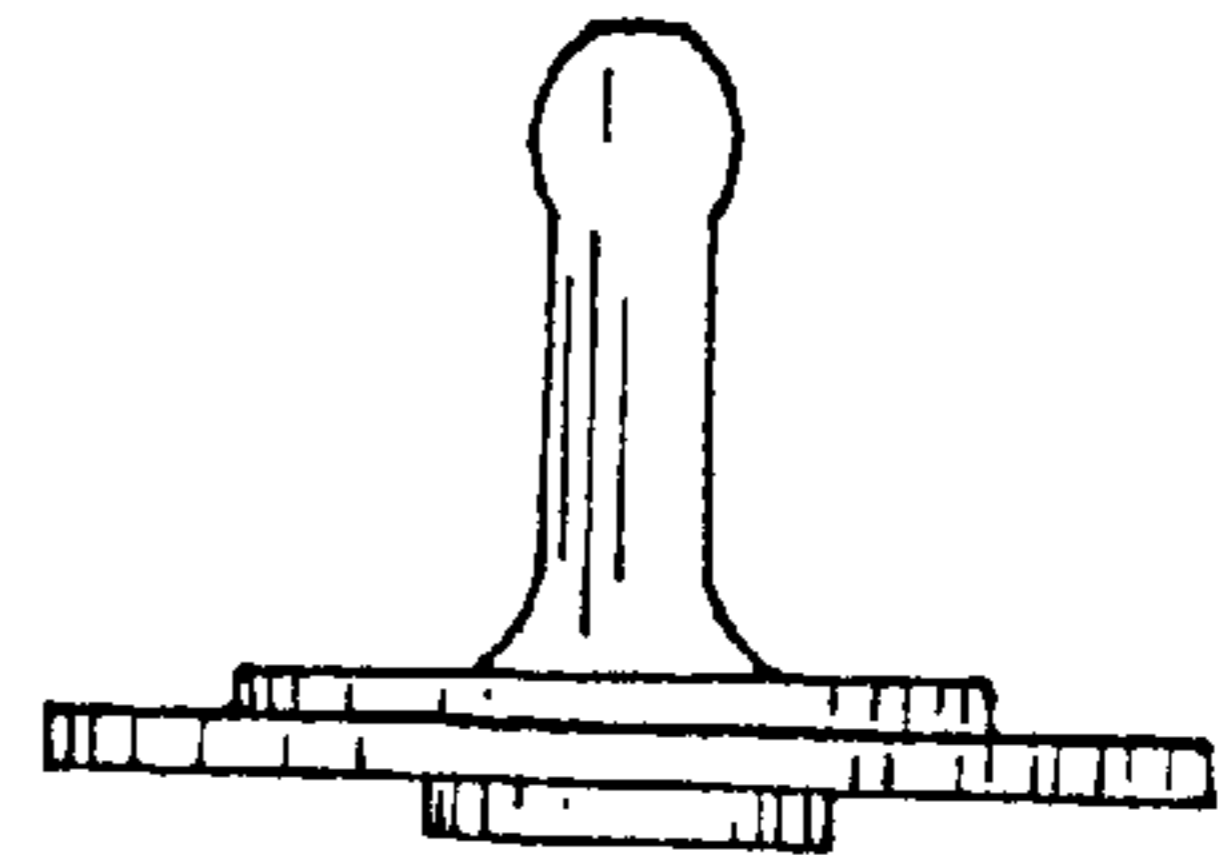


FIG. 115

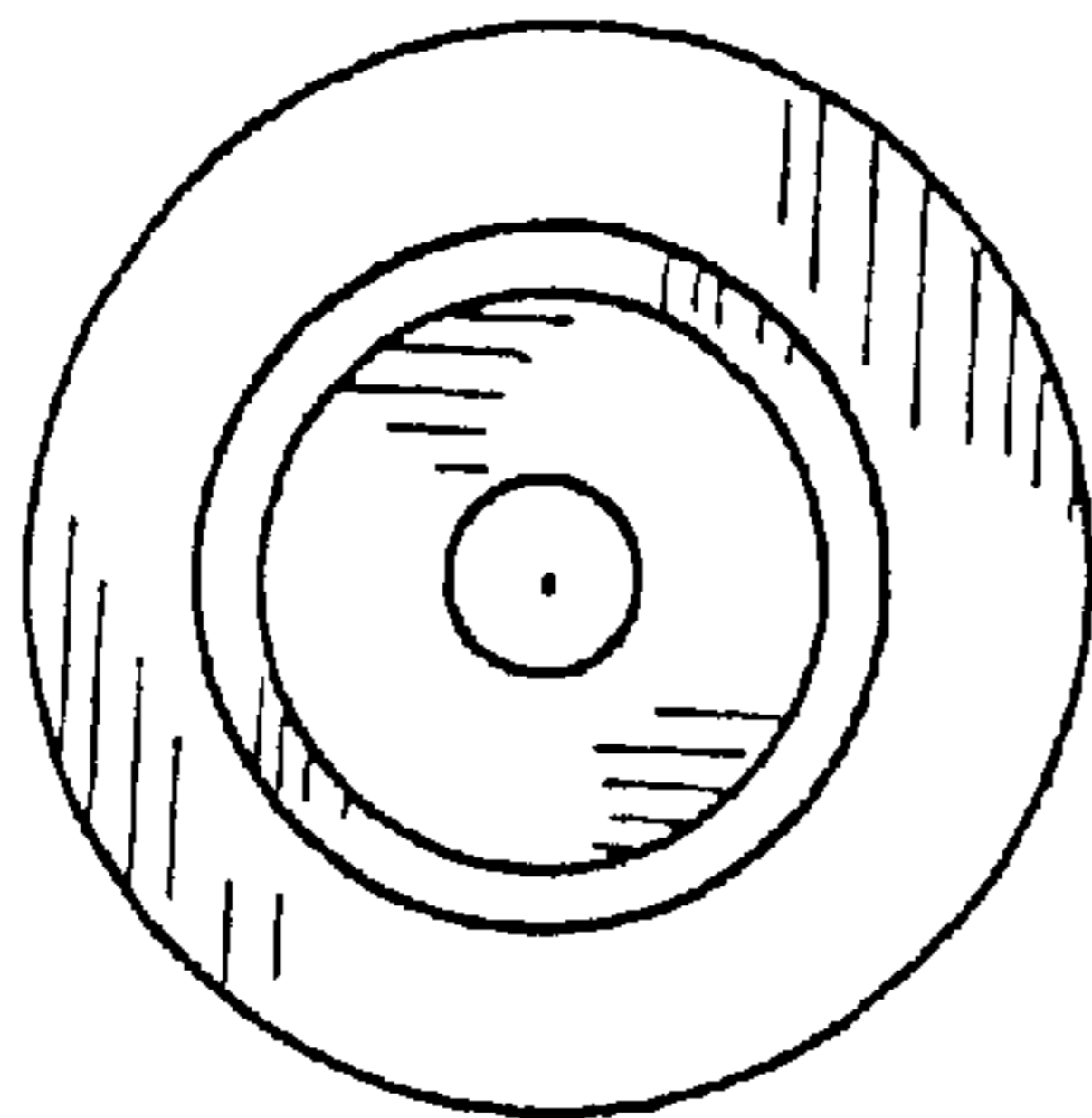


FIG. 116

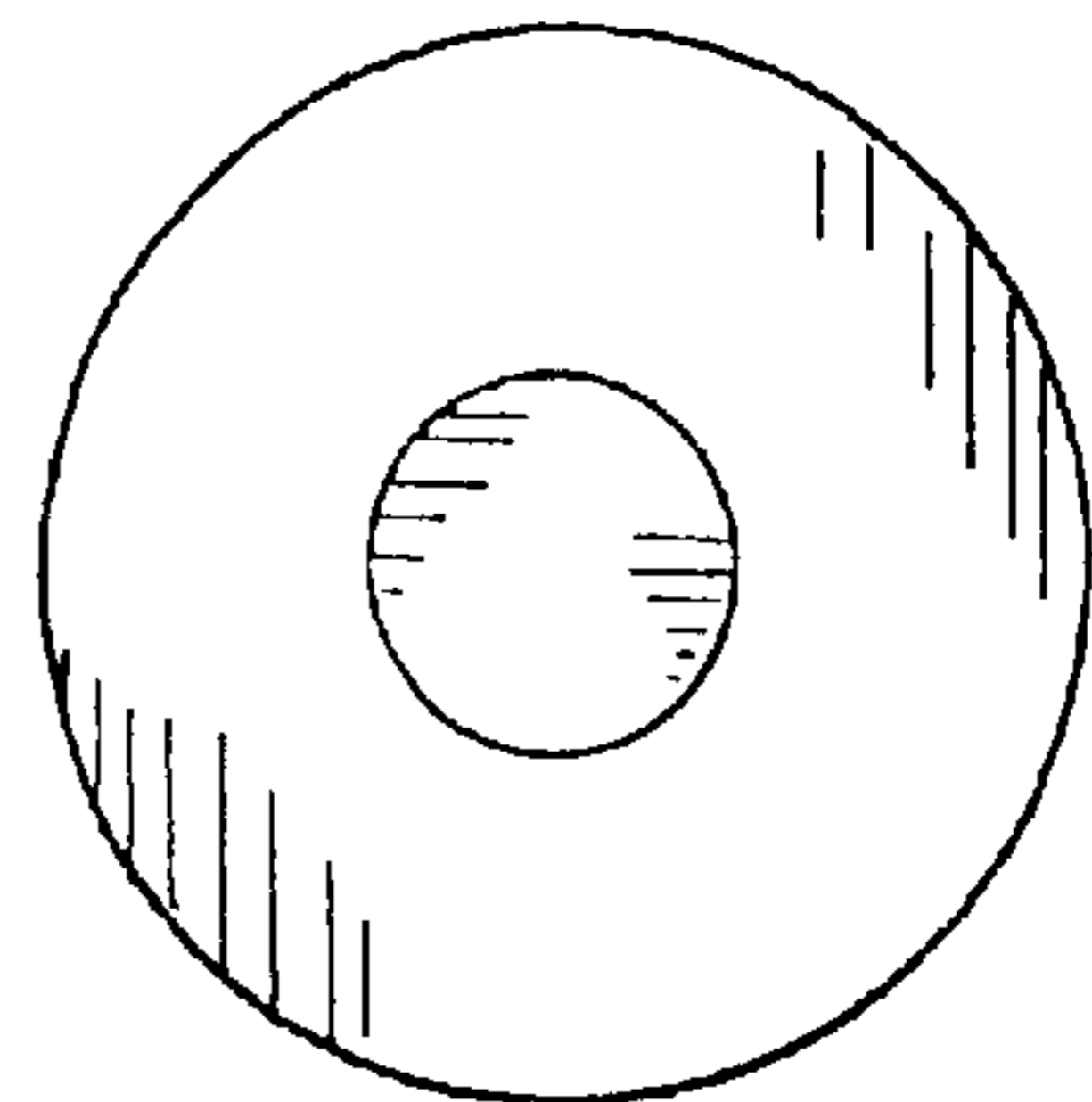


FIG. 117

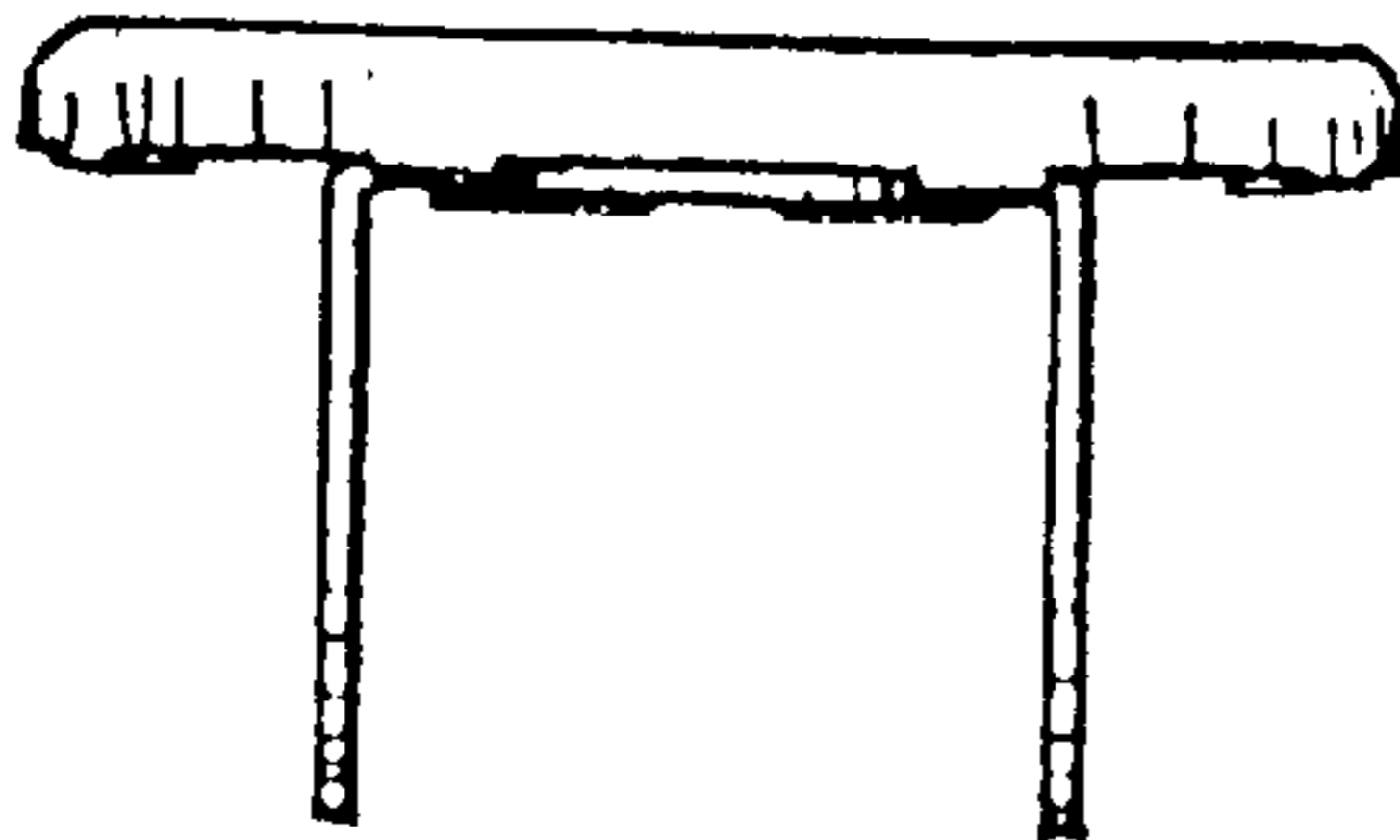


FIG. 118

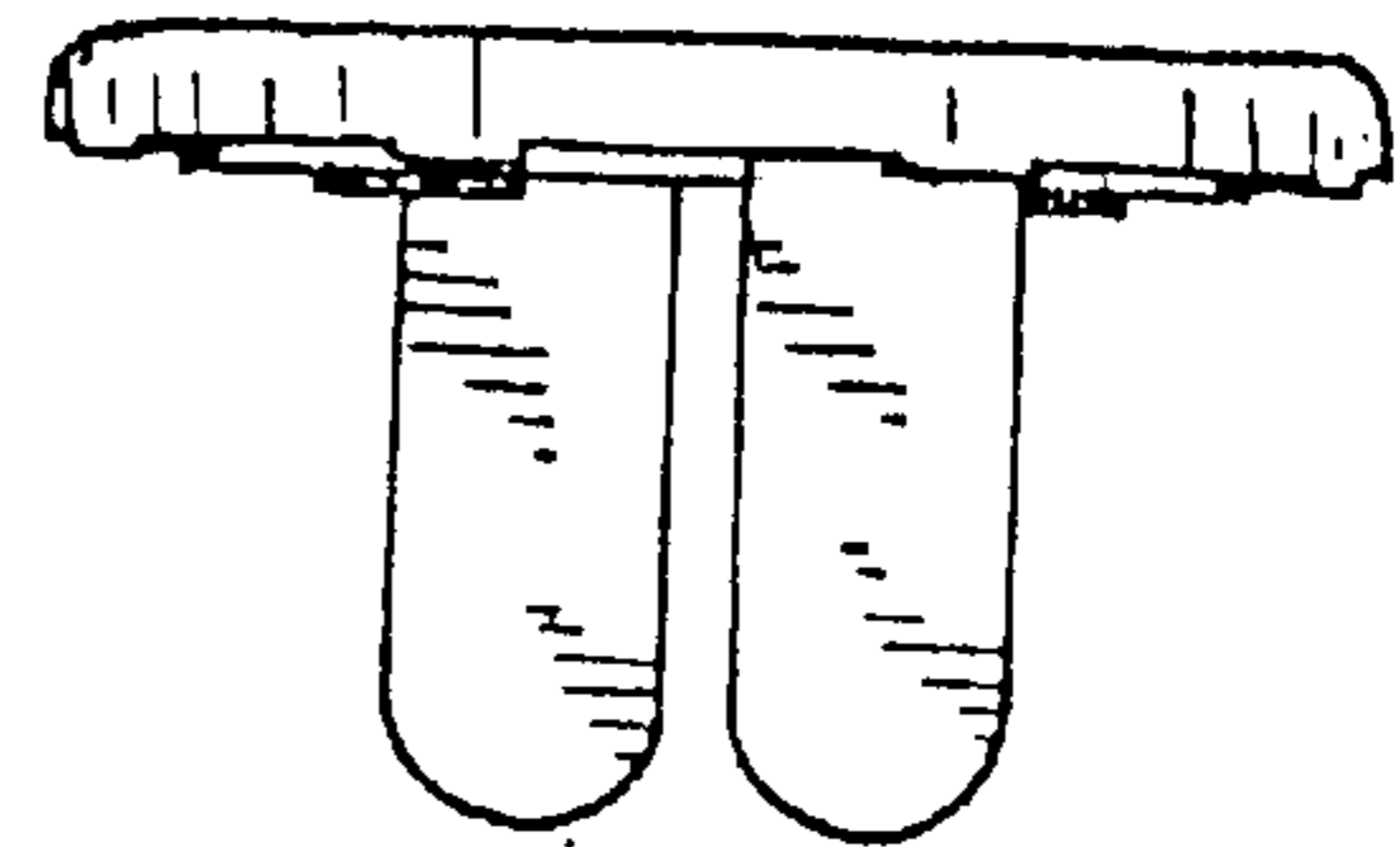


FIG. 119

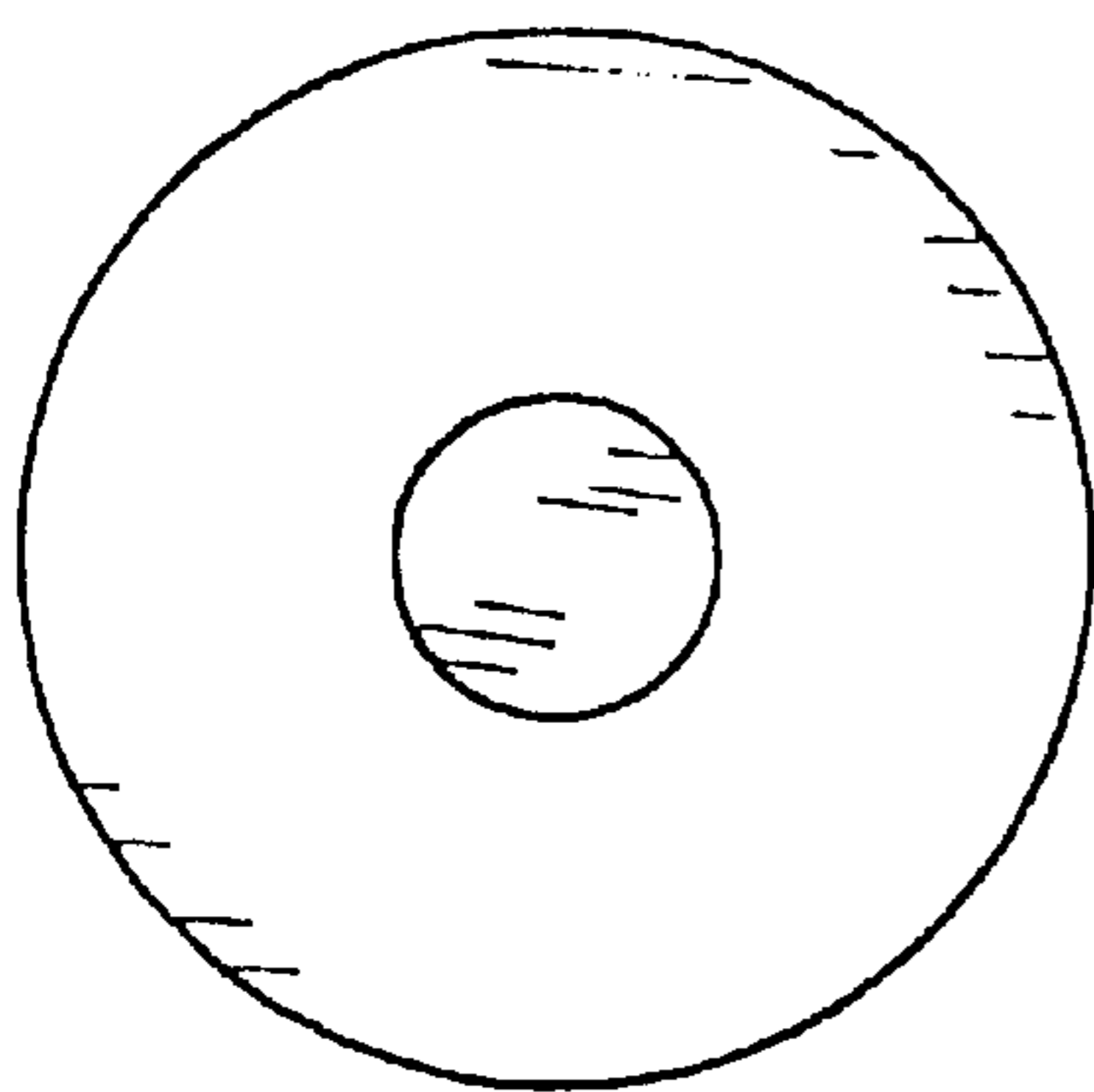


FIG. 120

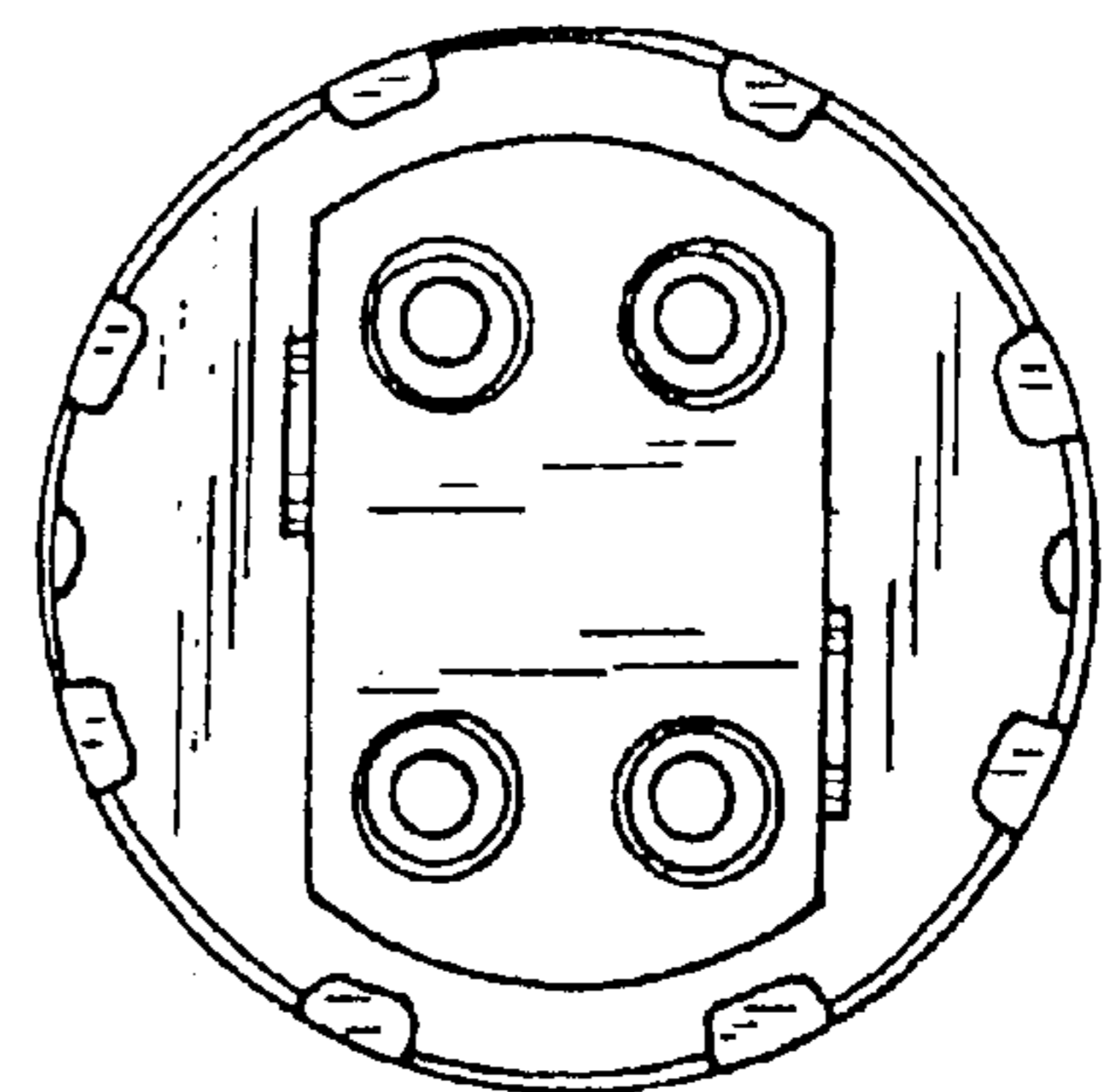


FIG. 121

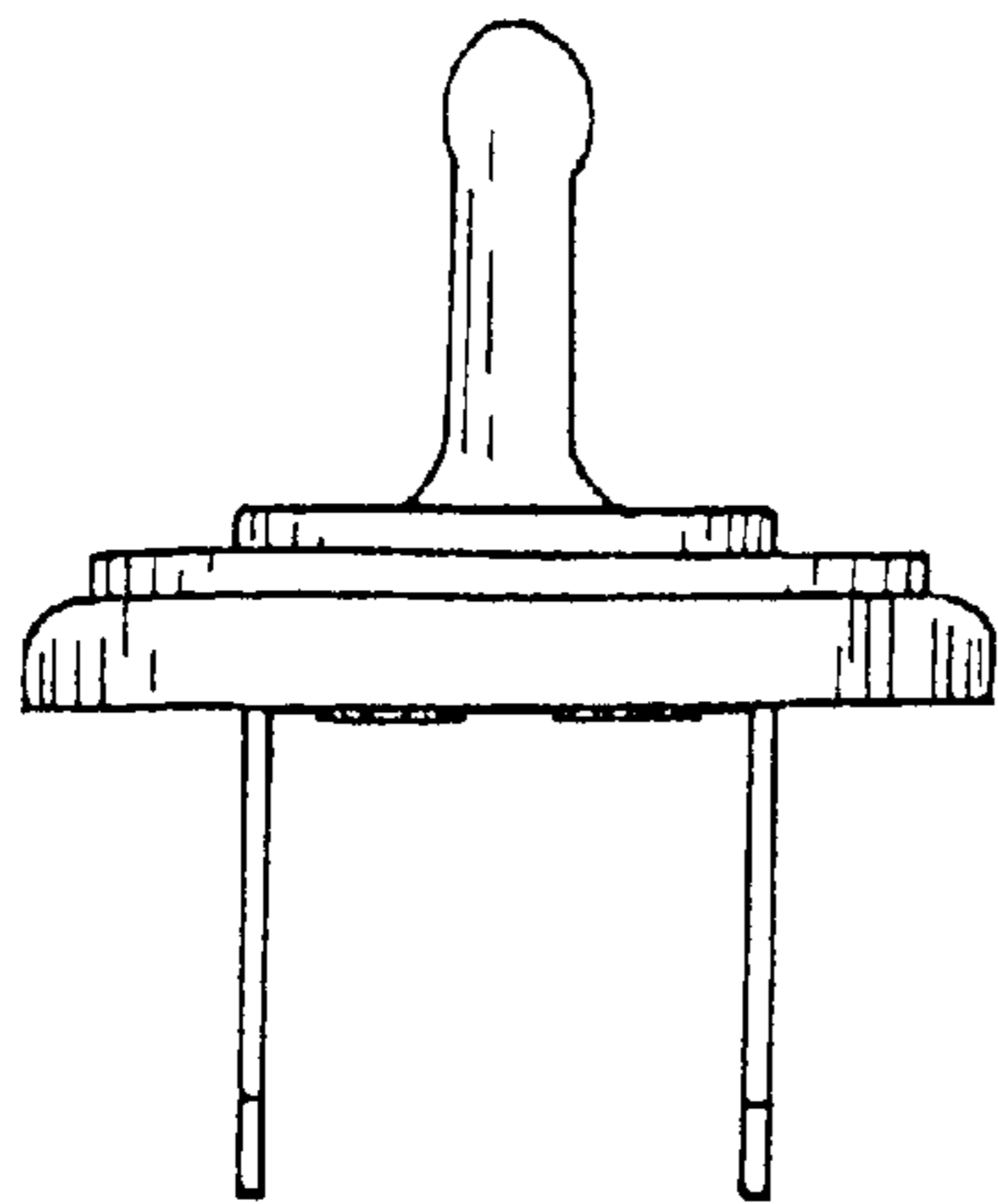


FIG. 122

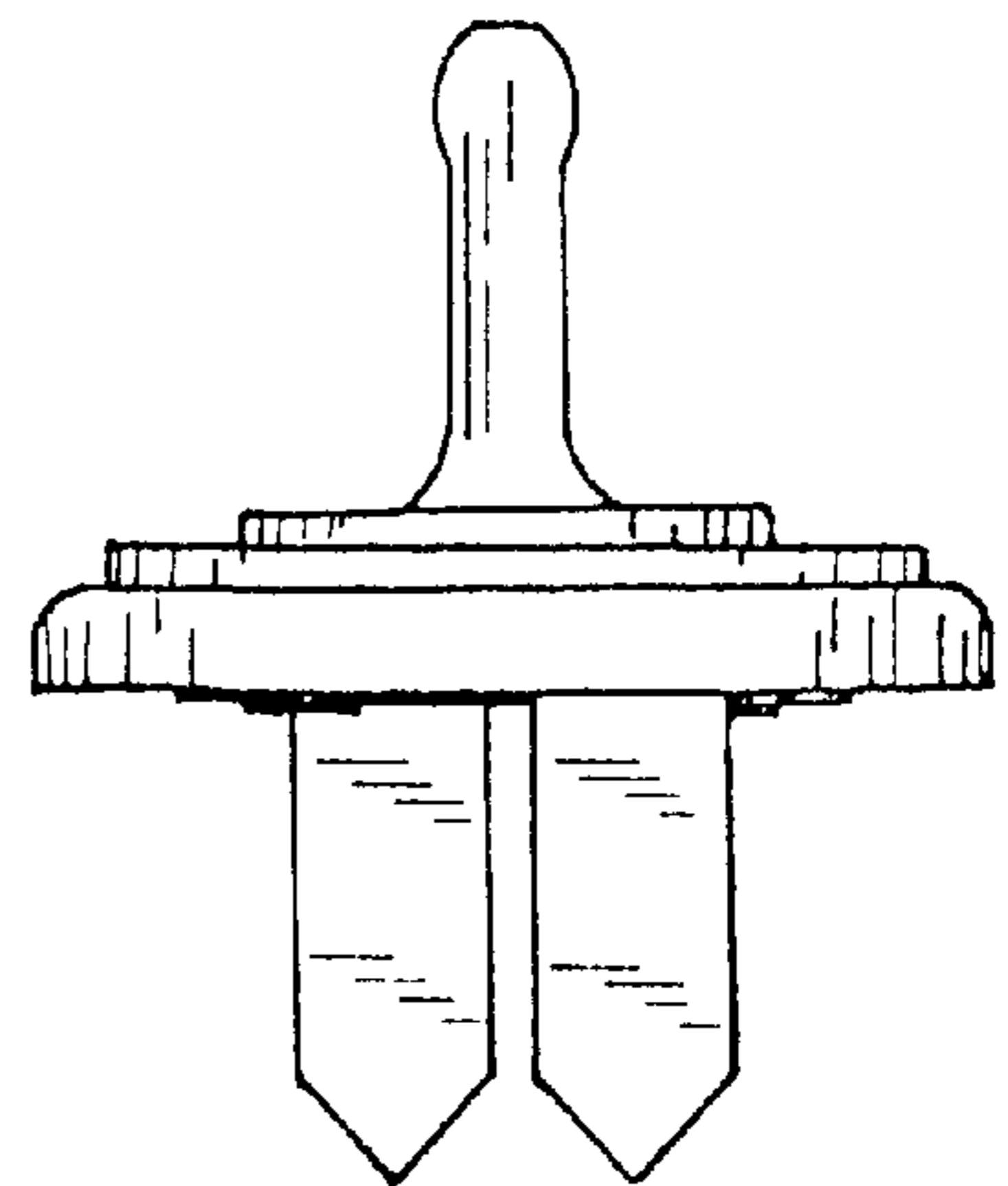


FIG. 123

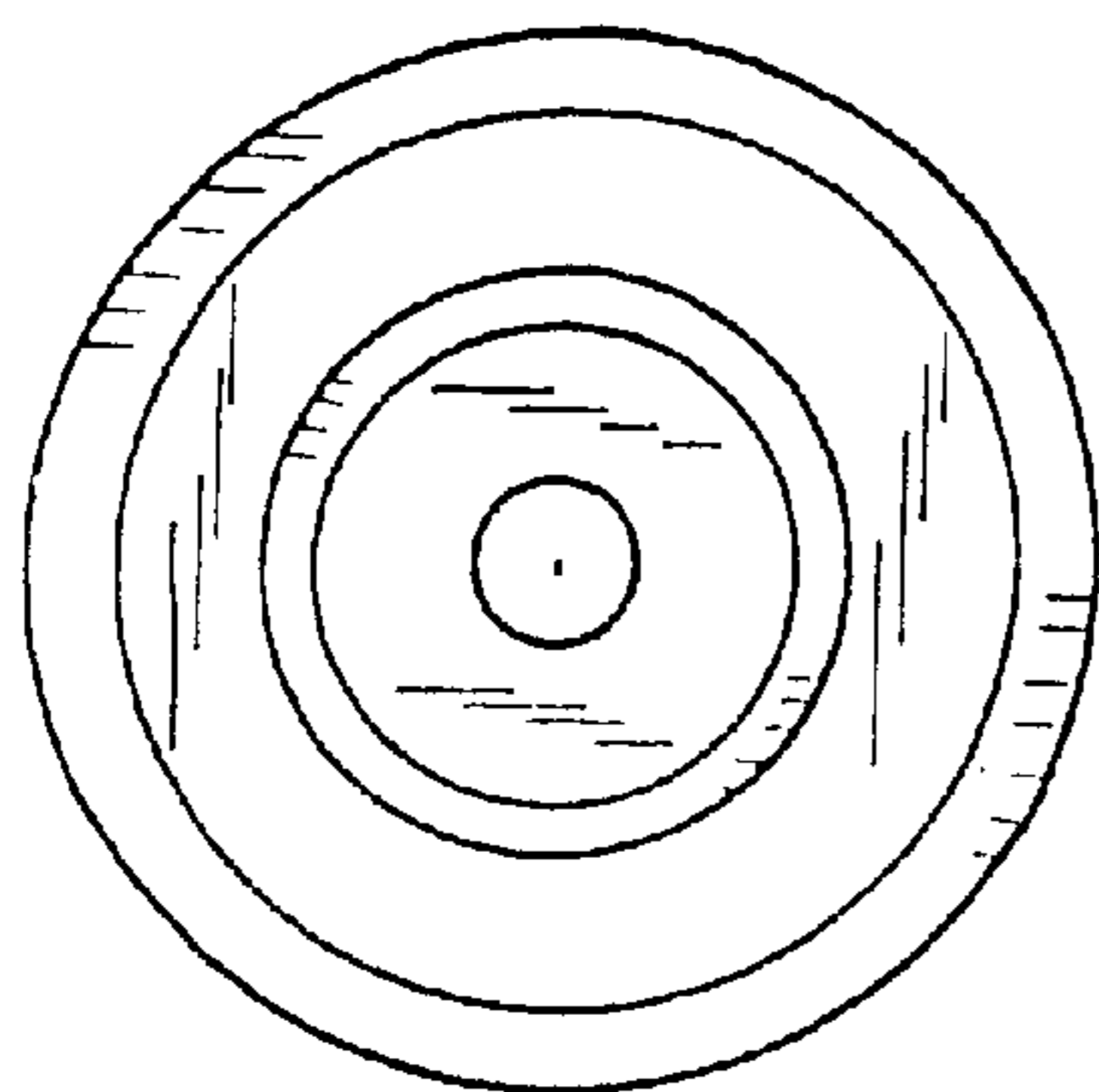


FIG. 124

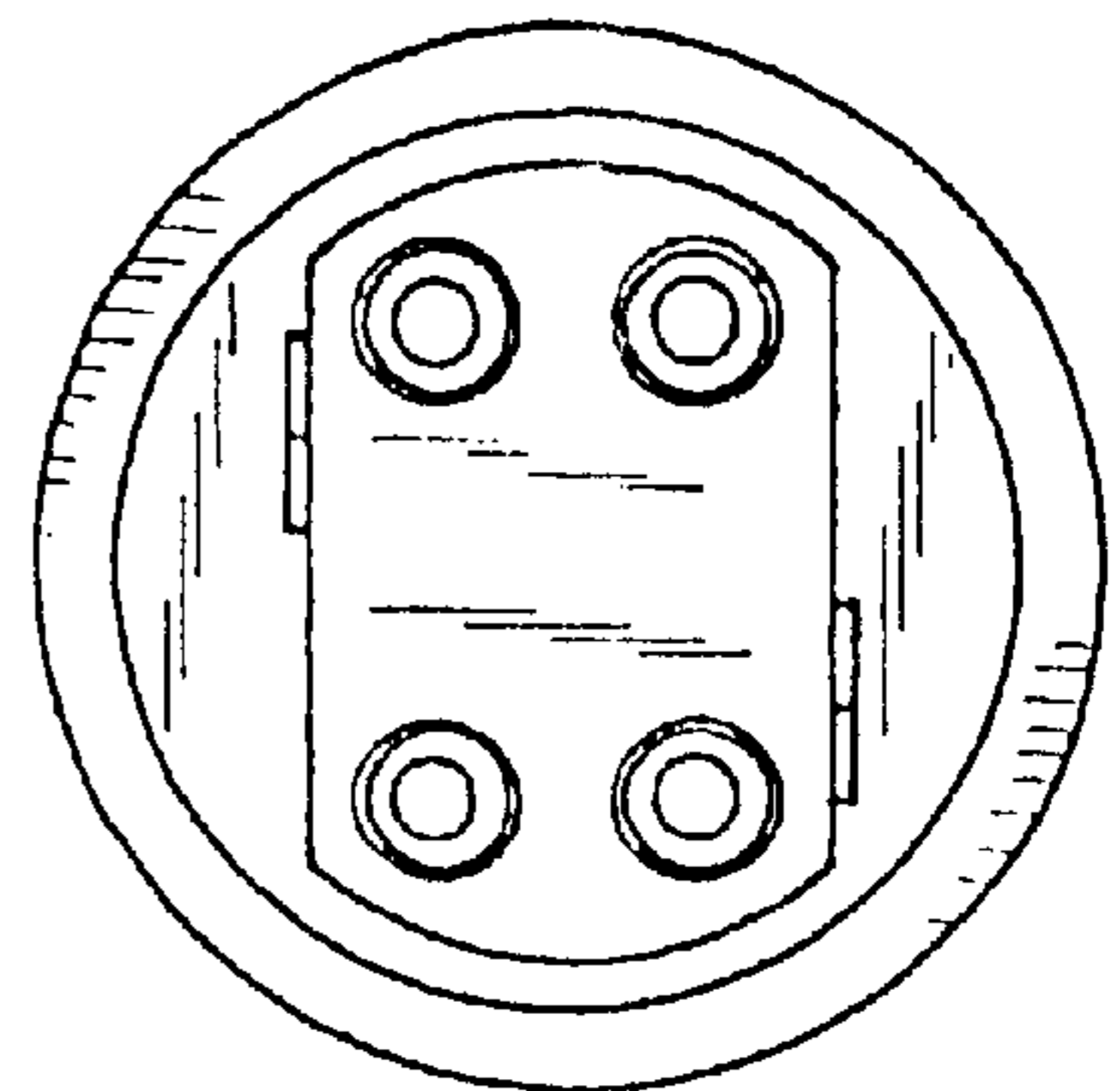


FIG. 125

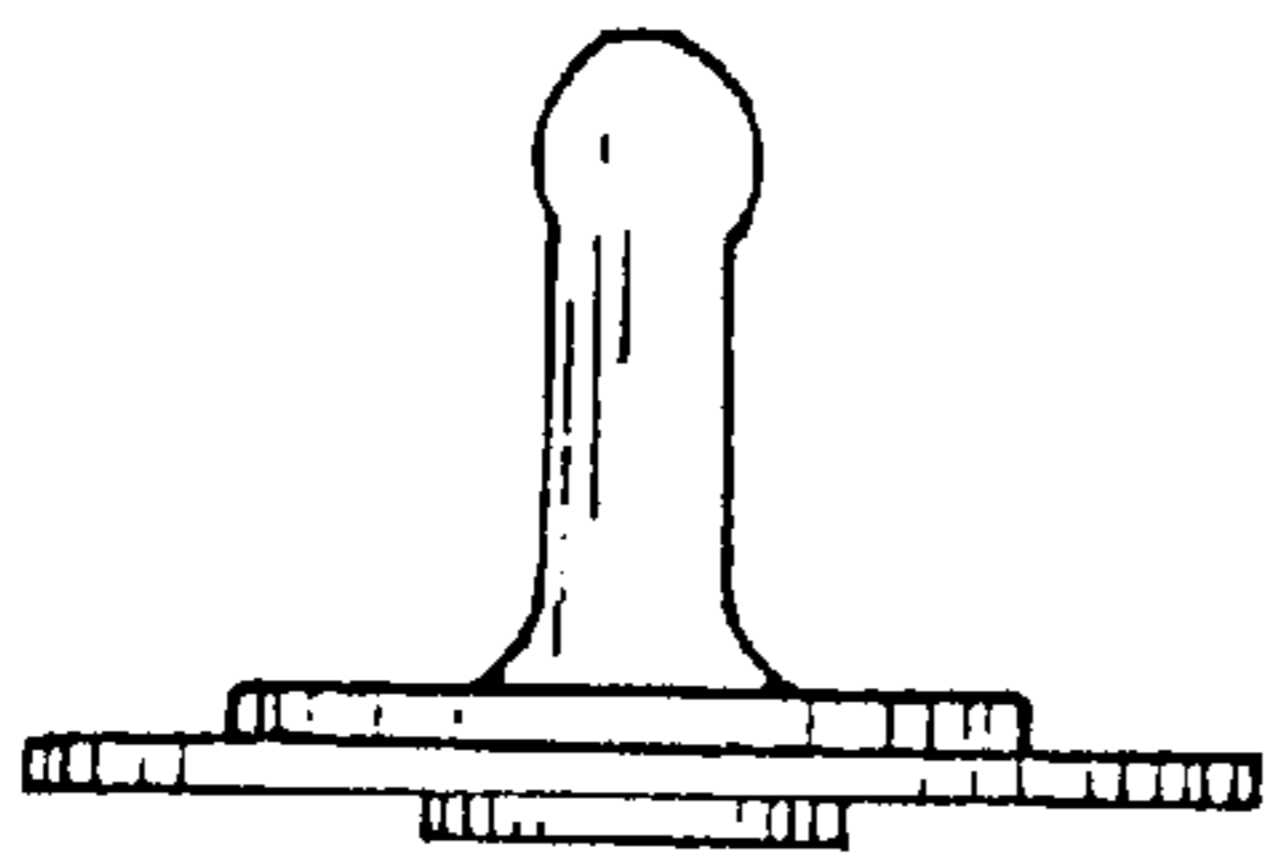


FIG. 126

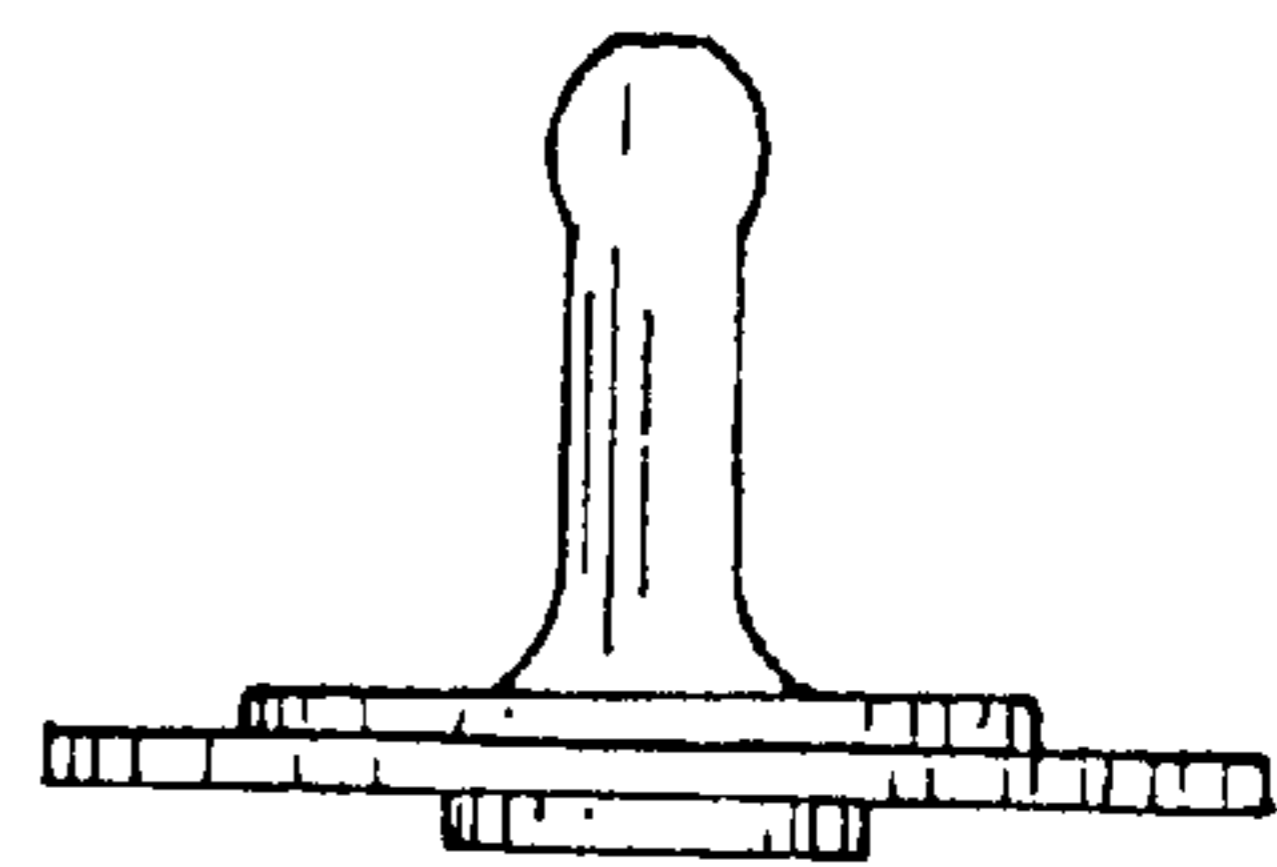


FIG. 127

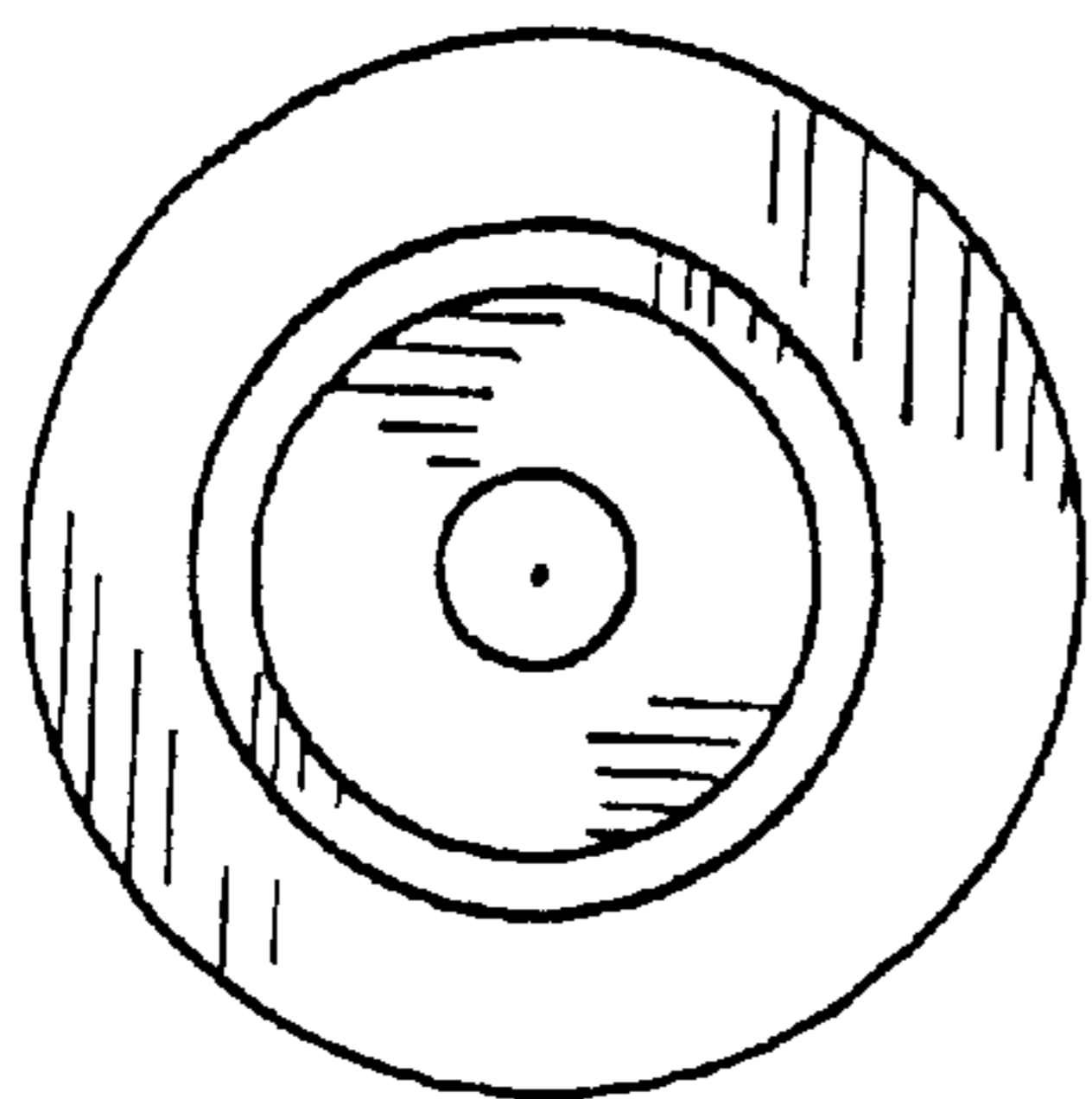


FIG. 128

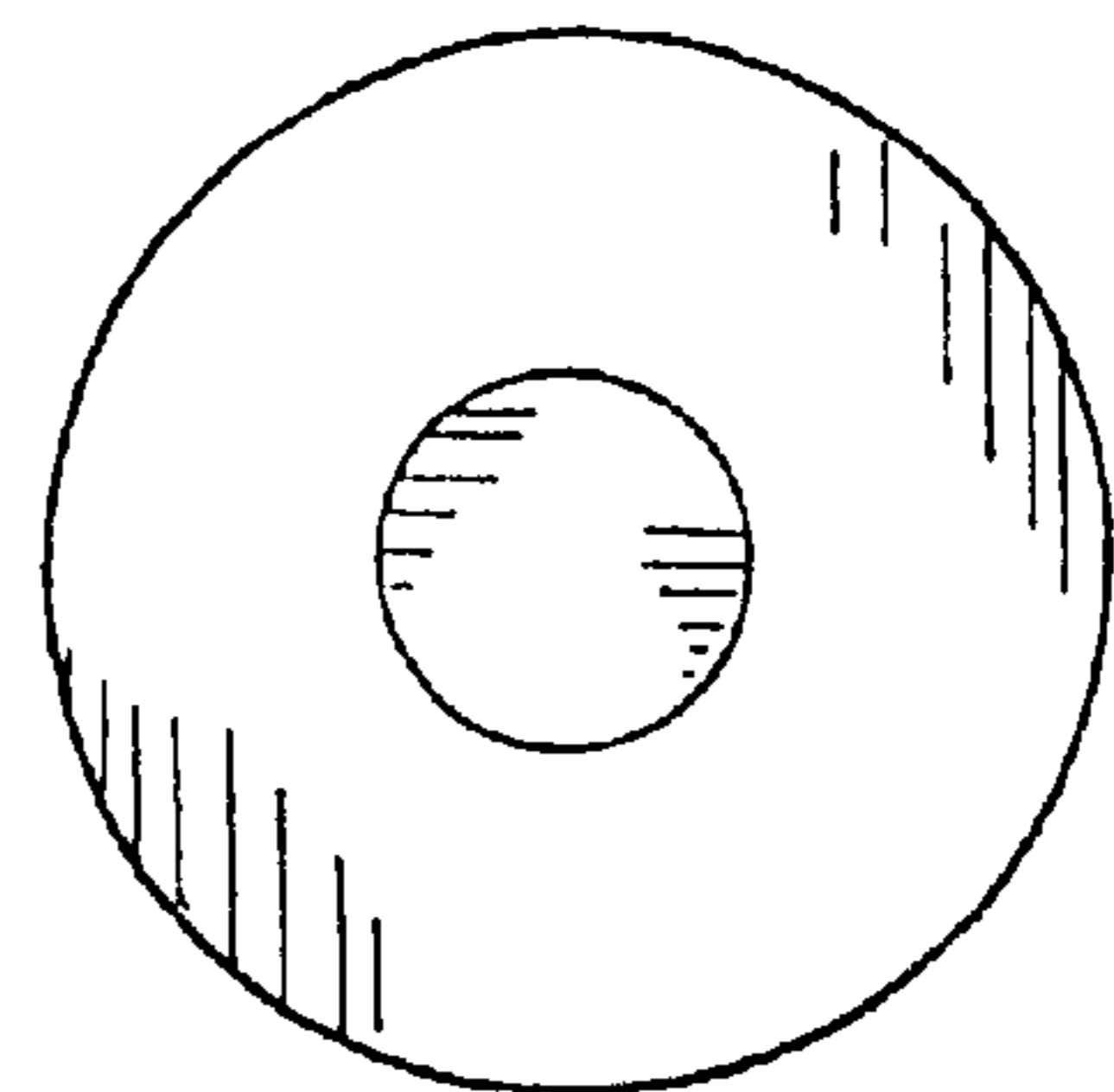


FIG. 129

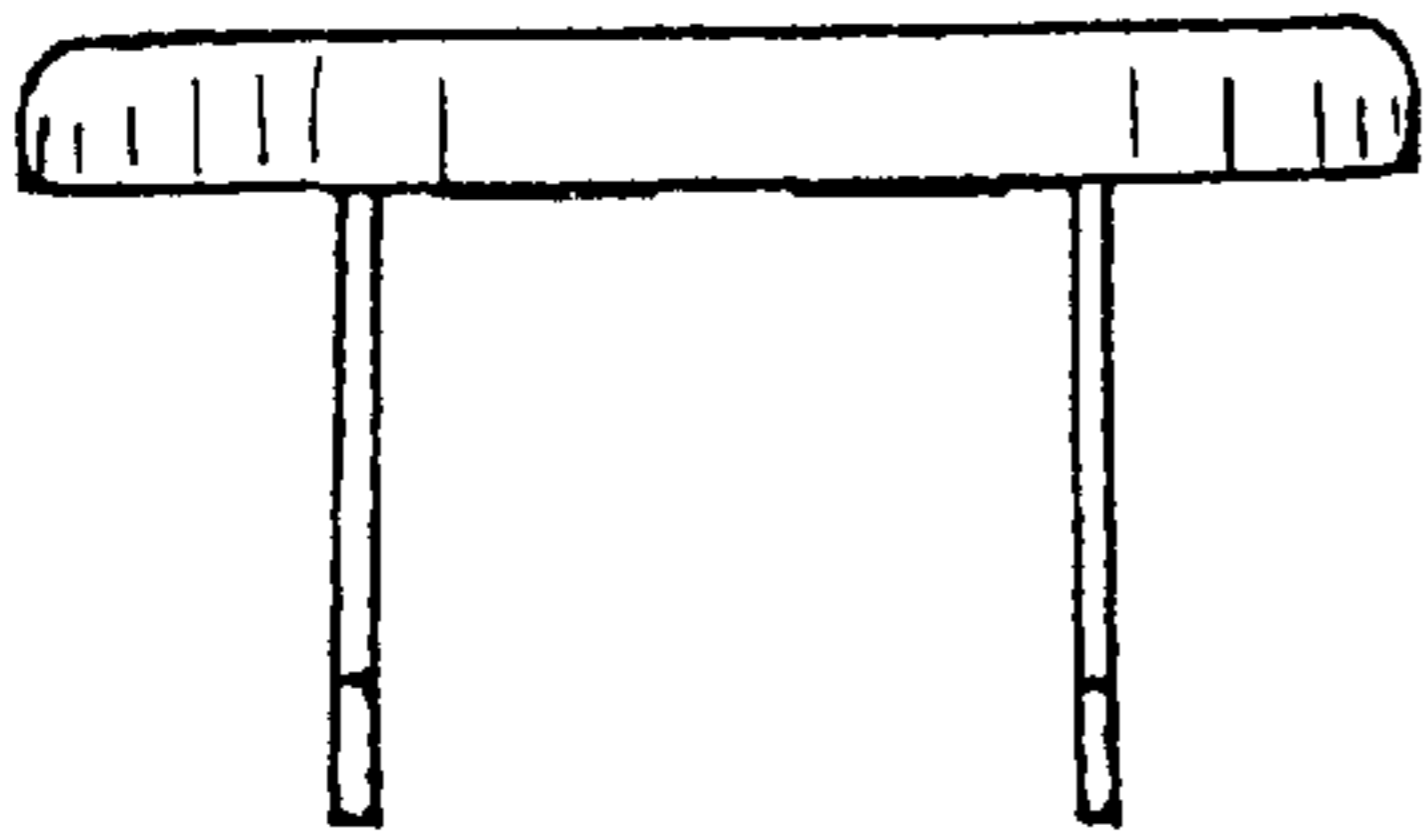


FIG. 130

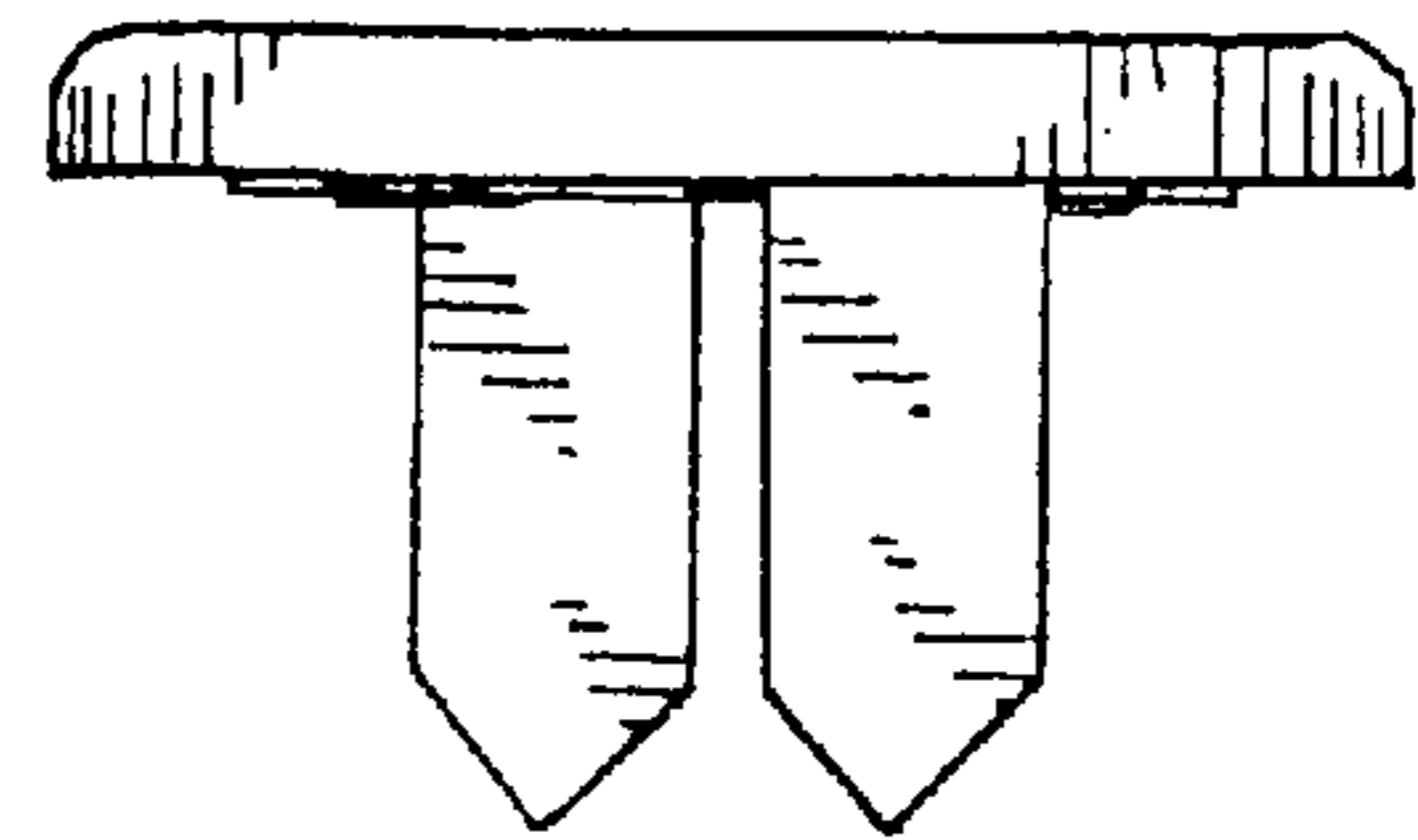


FIG. 131

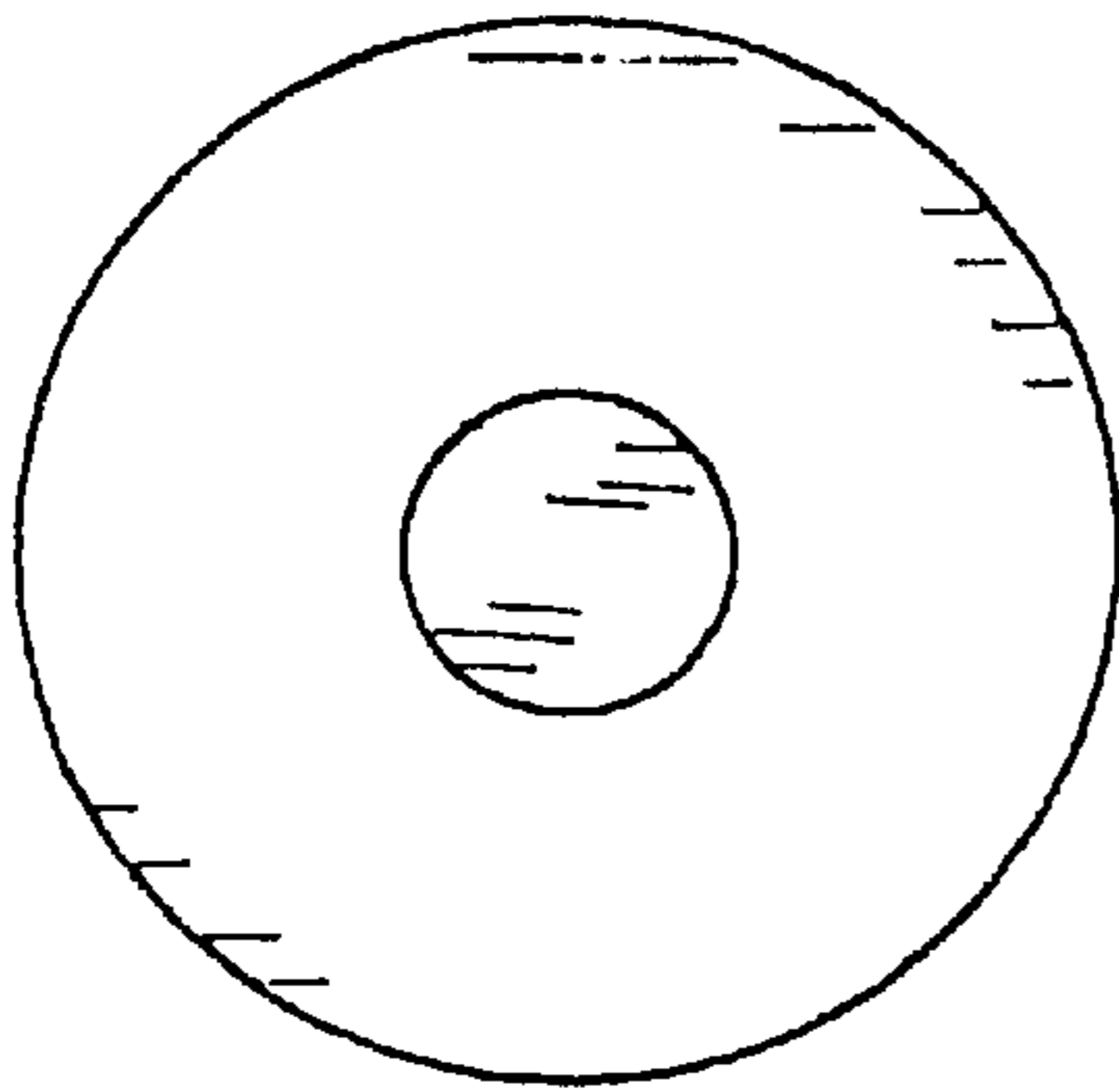


FIG. 132

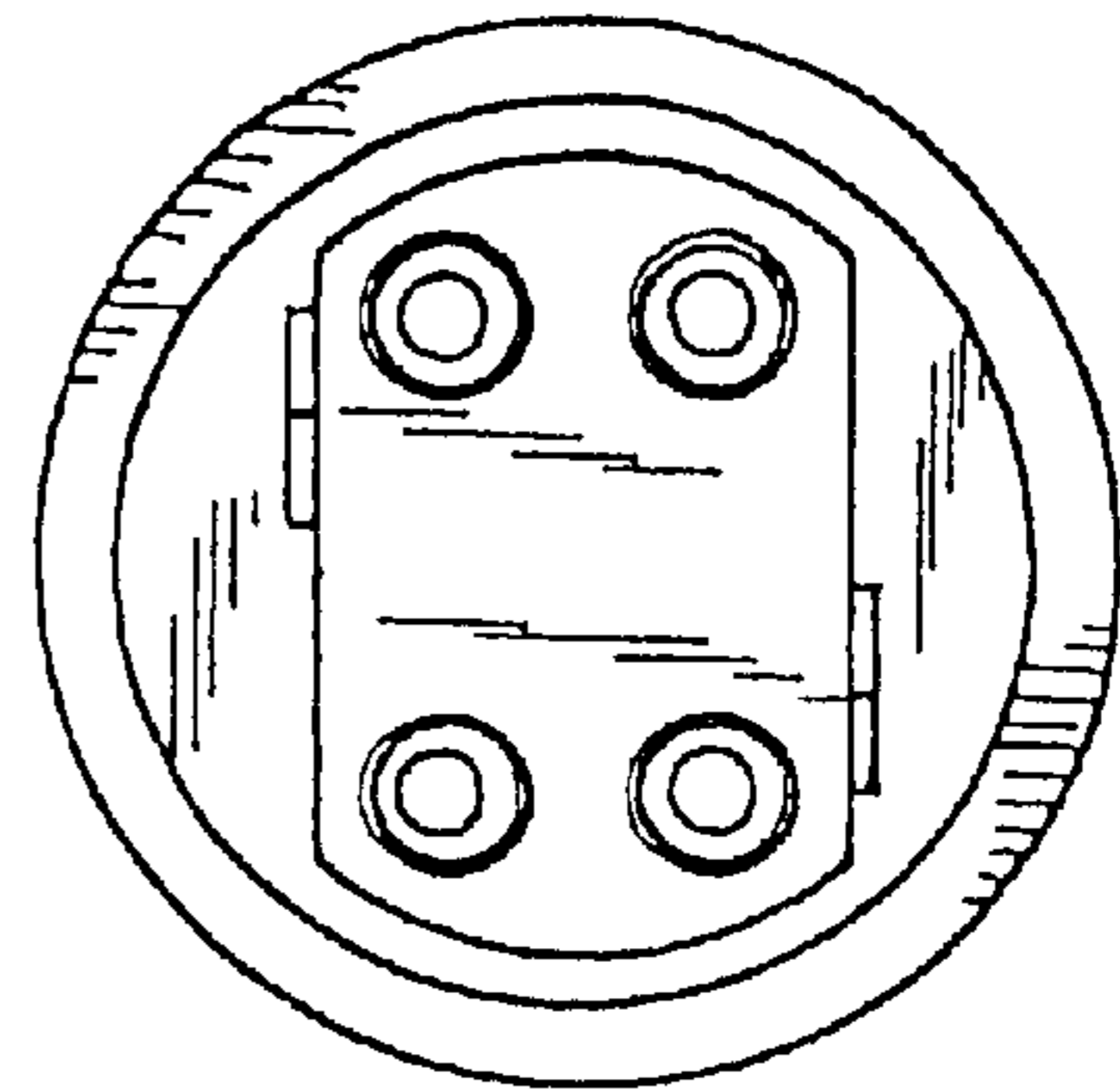


FIG. 133

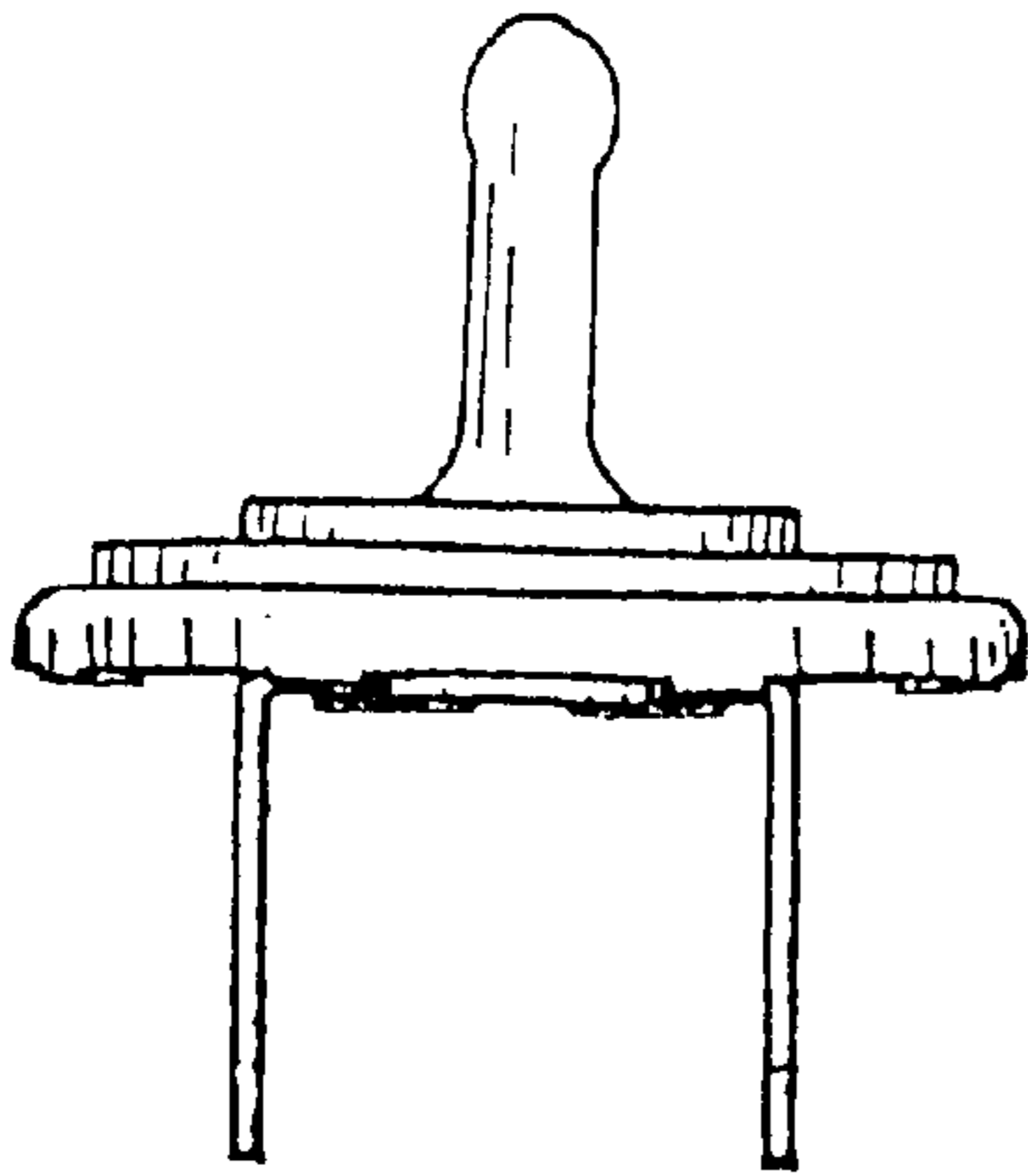


FIG. 134

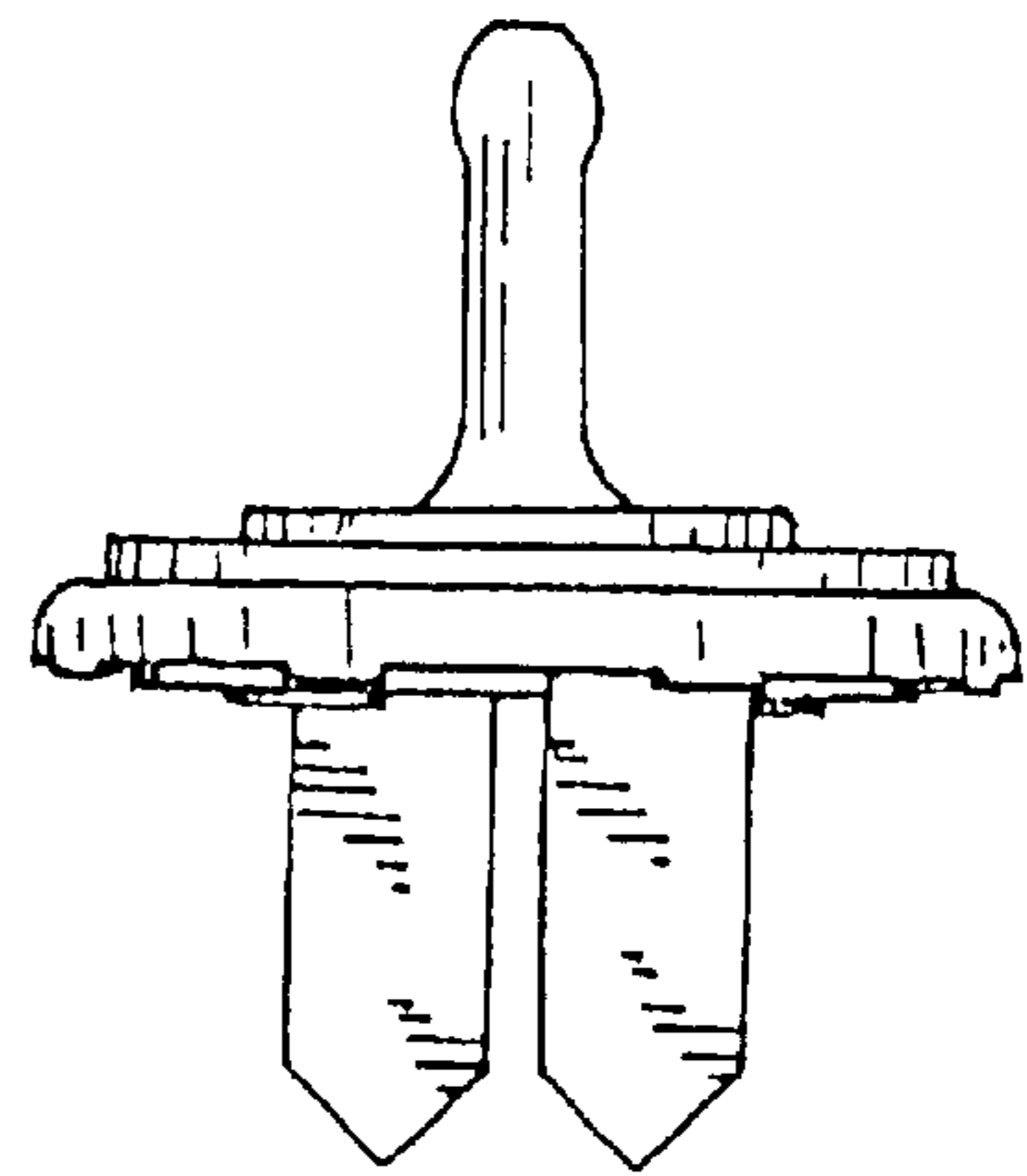


FIG. 135

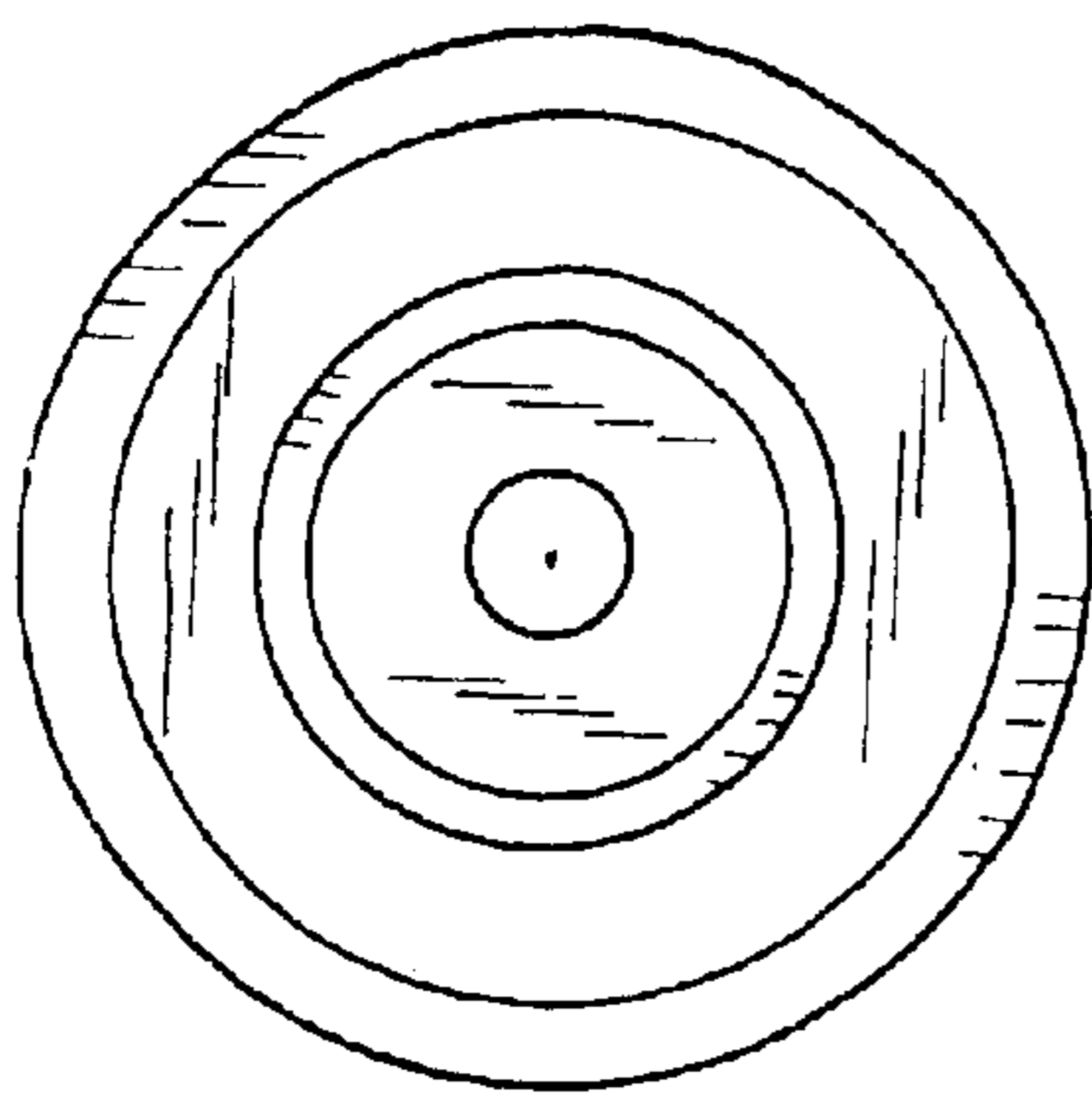


FIG. 136

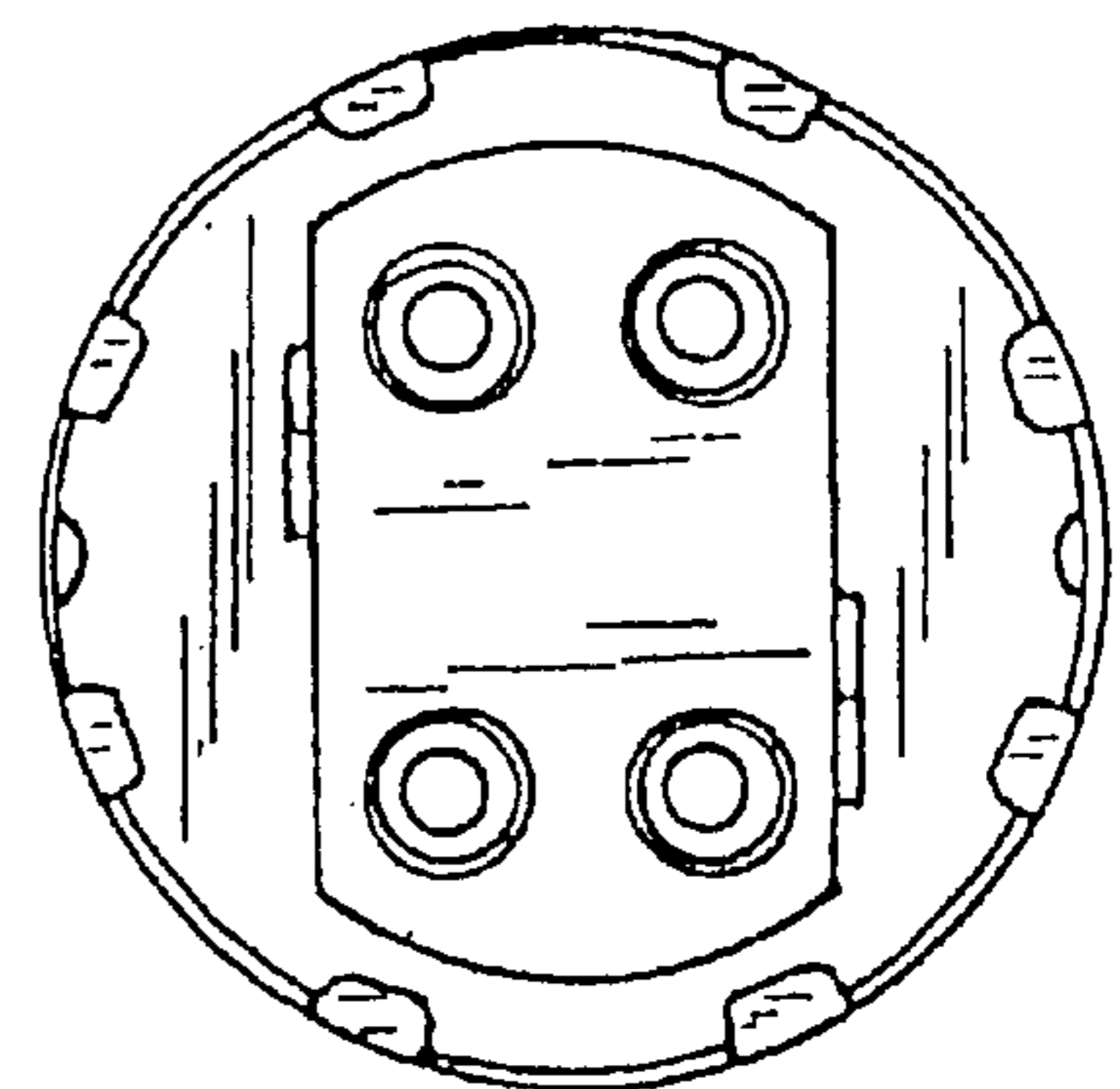


FIG. 137

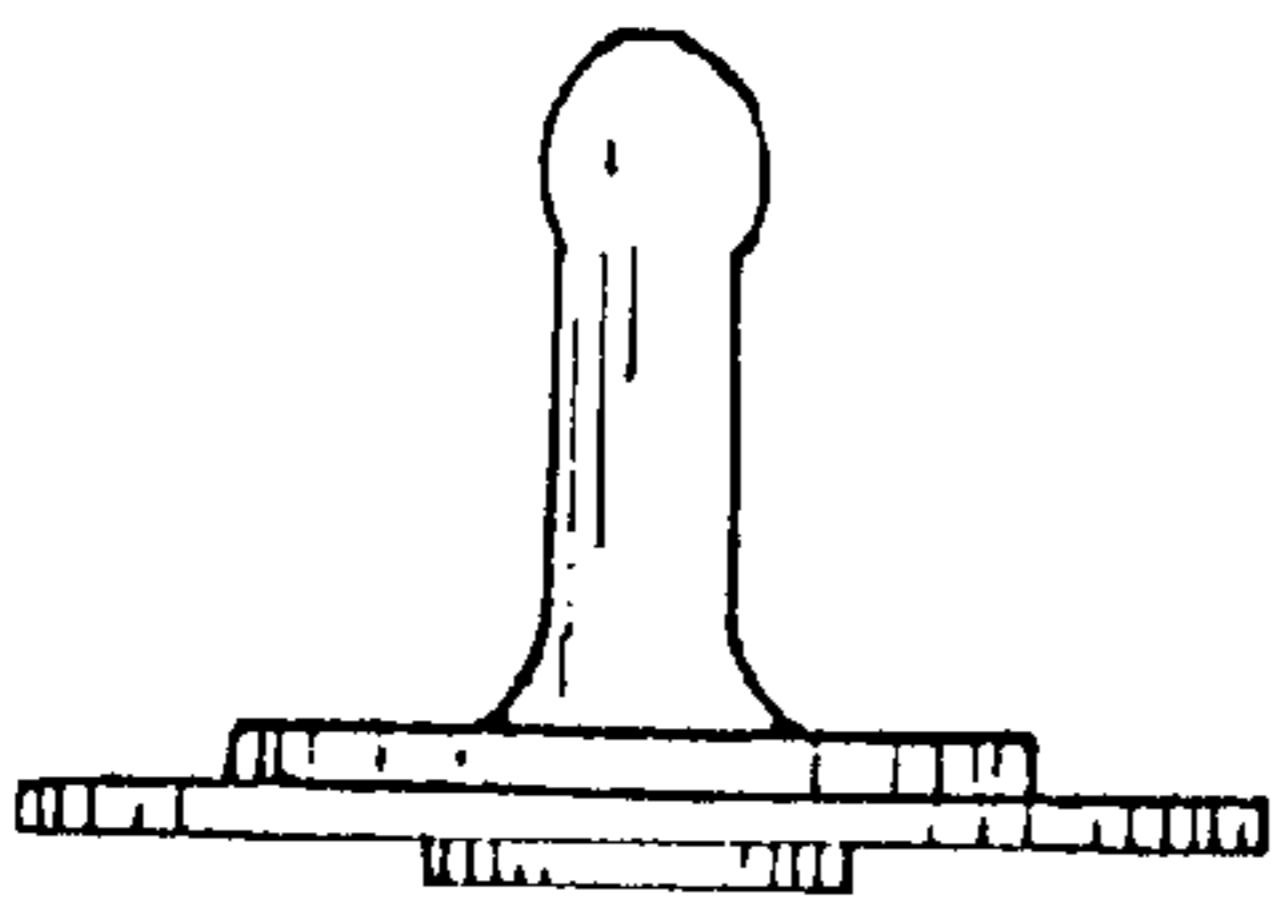


FIG. 138

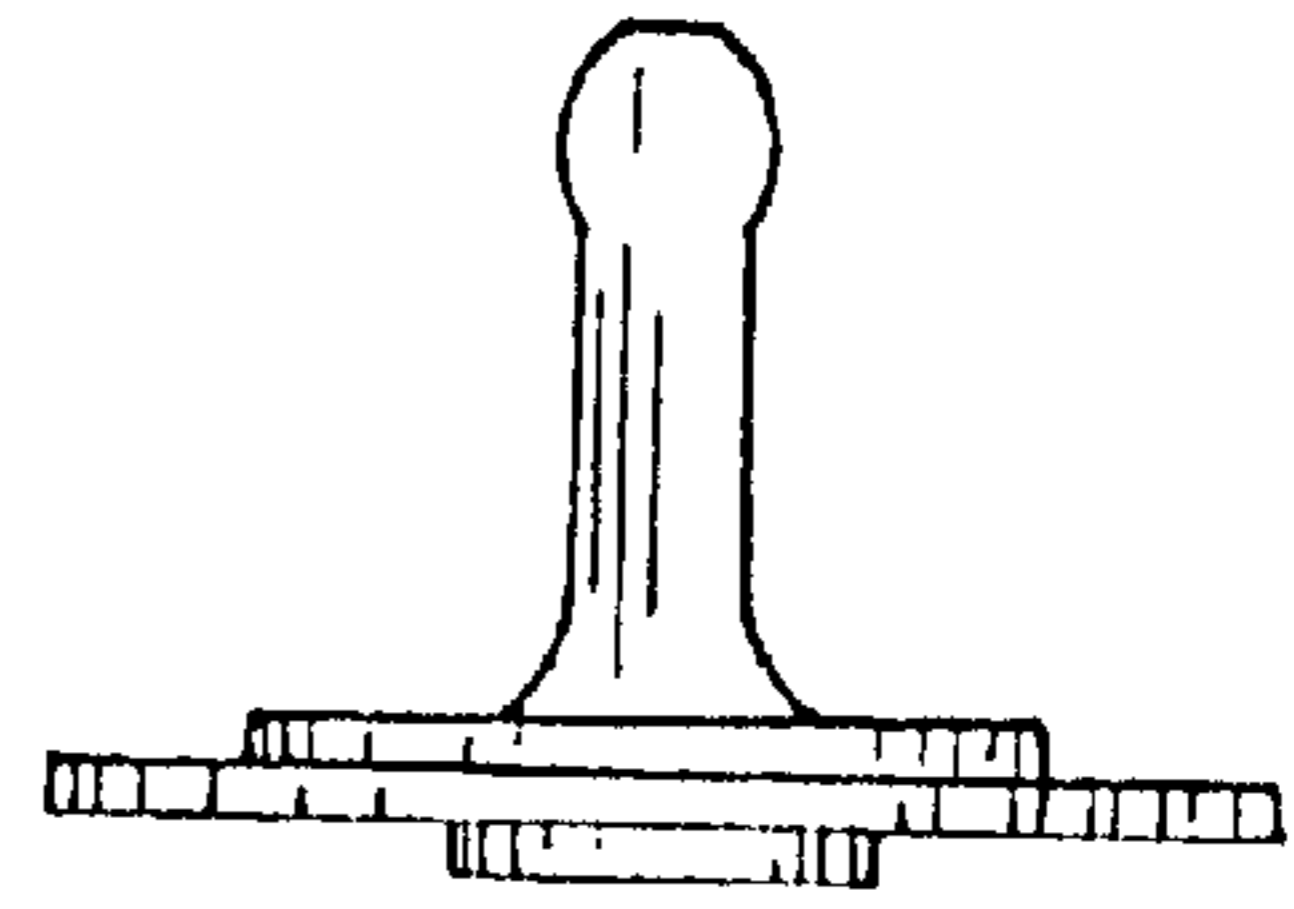


FIG. 139

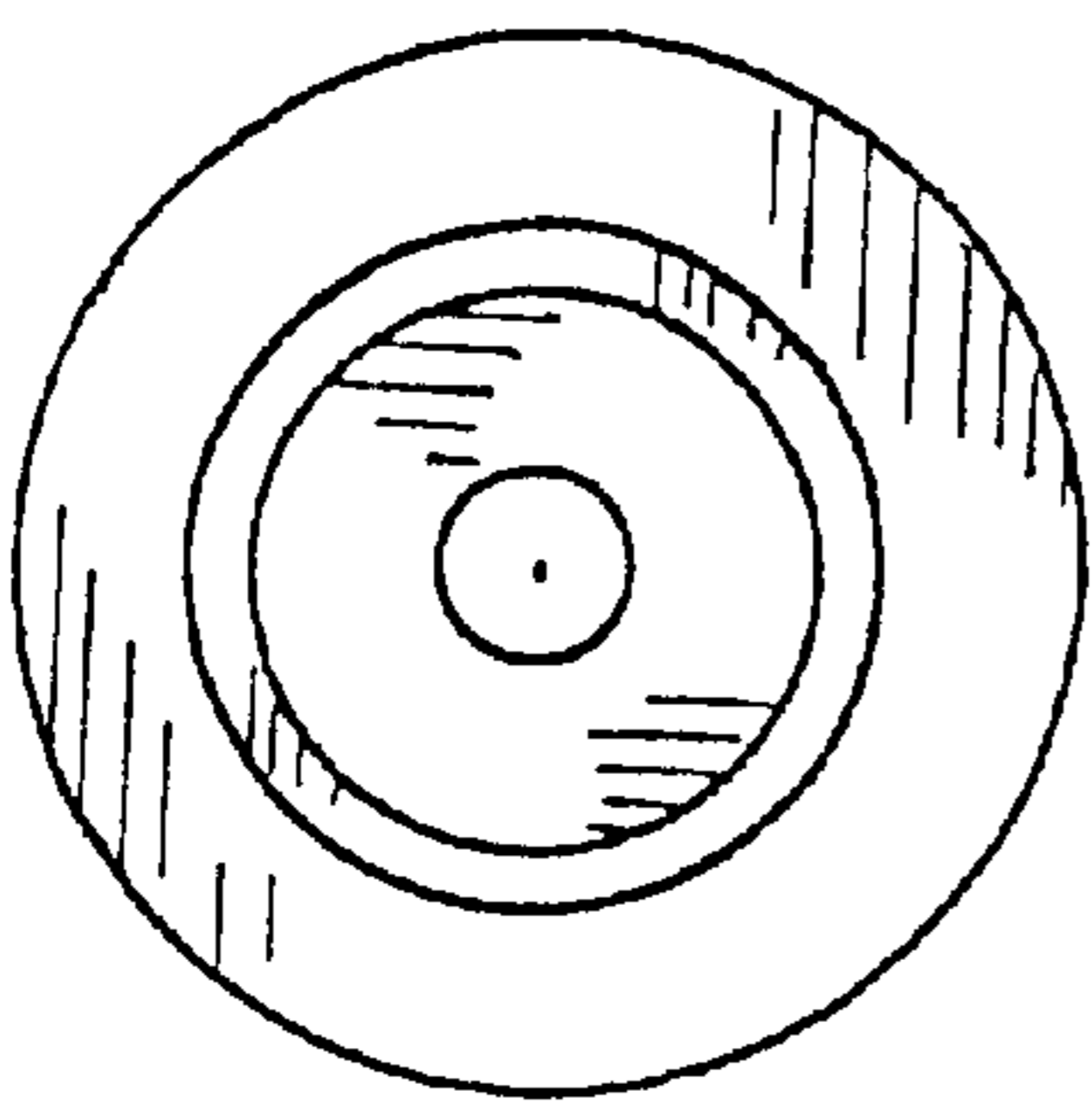


FIG. 140

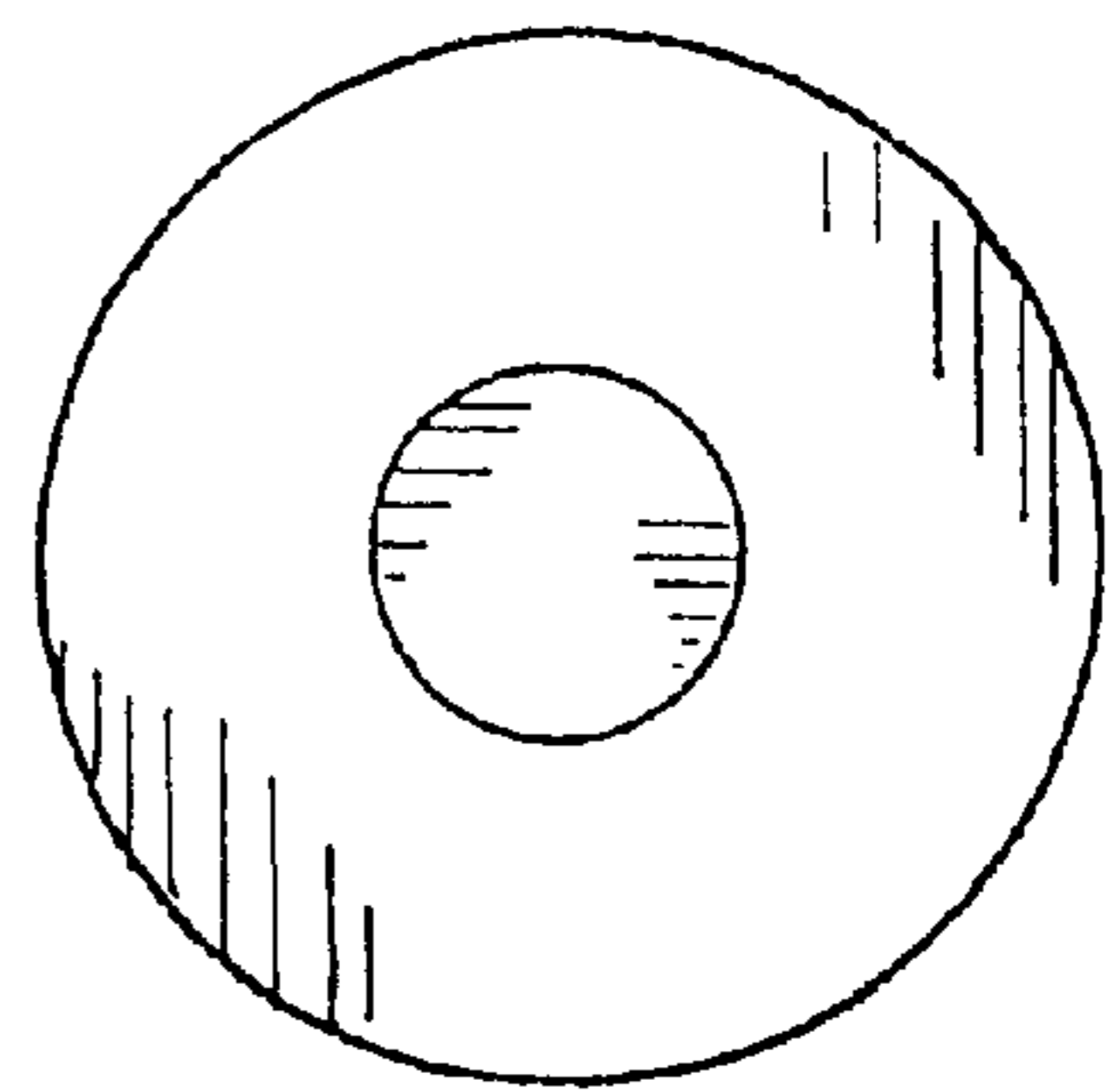


FIG. 141

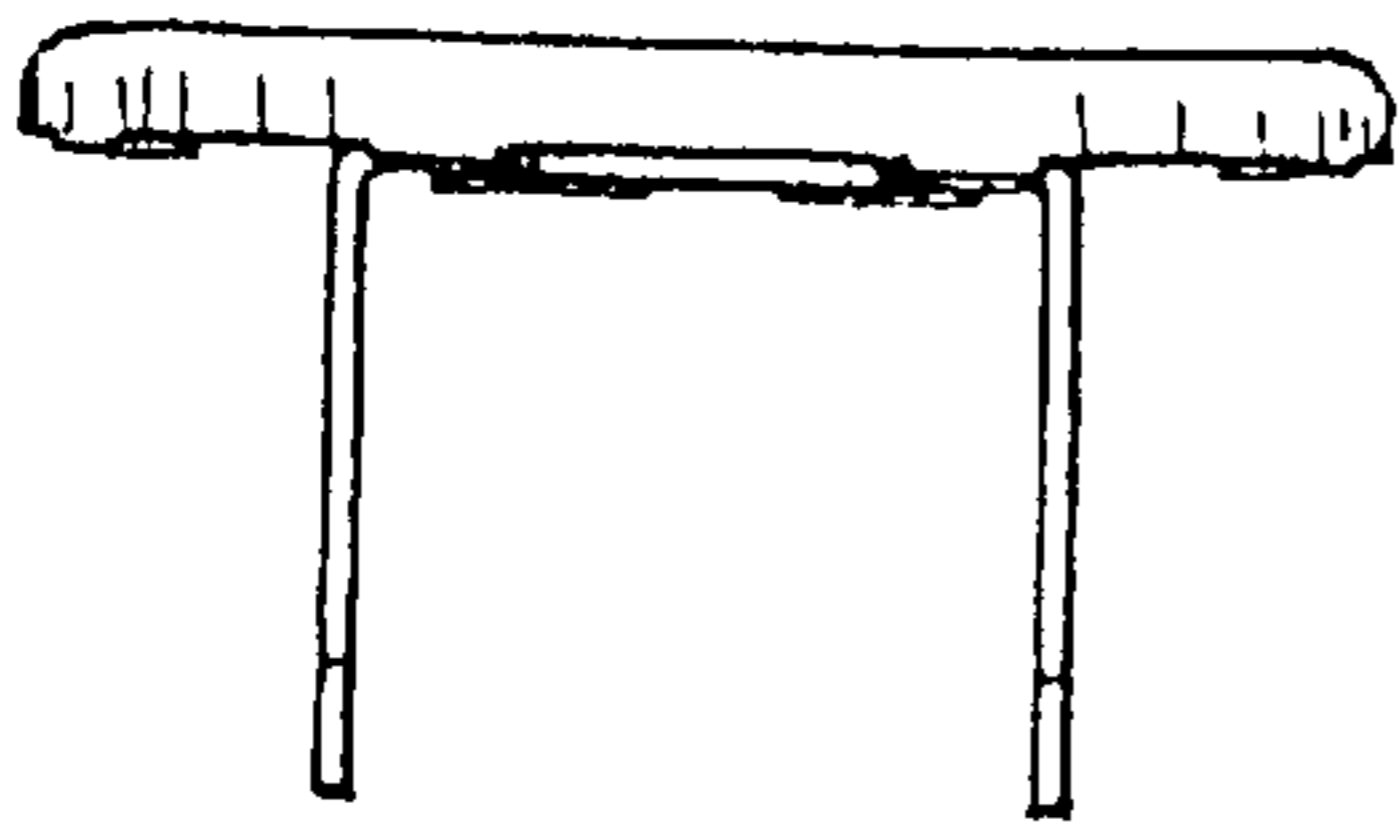


FIG. 142

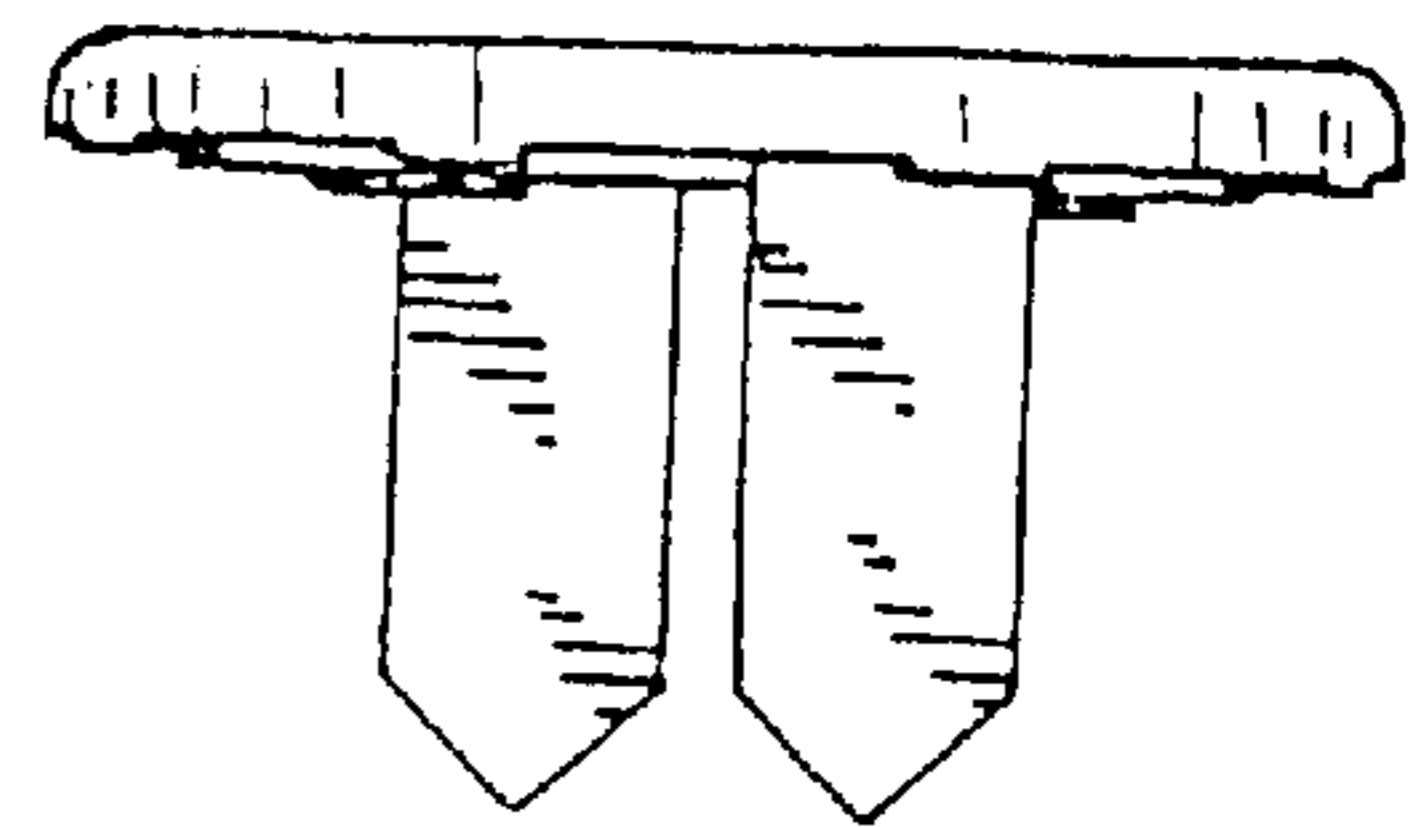


FIG. 143

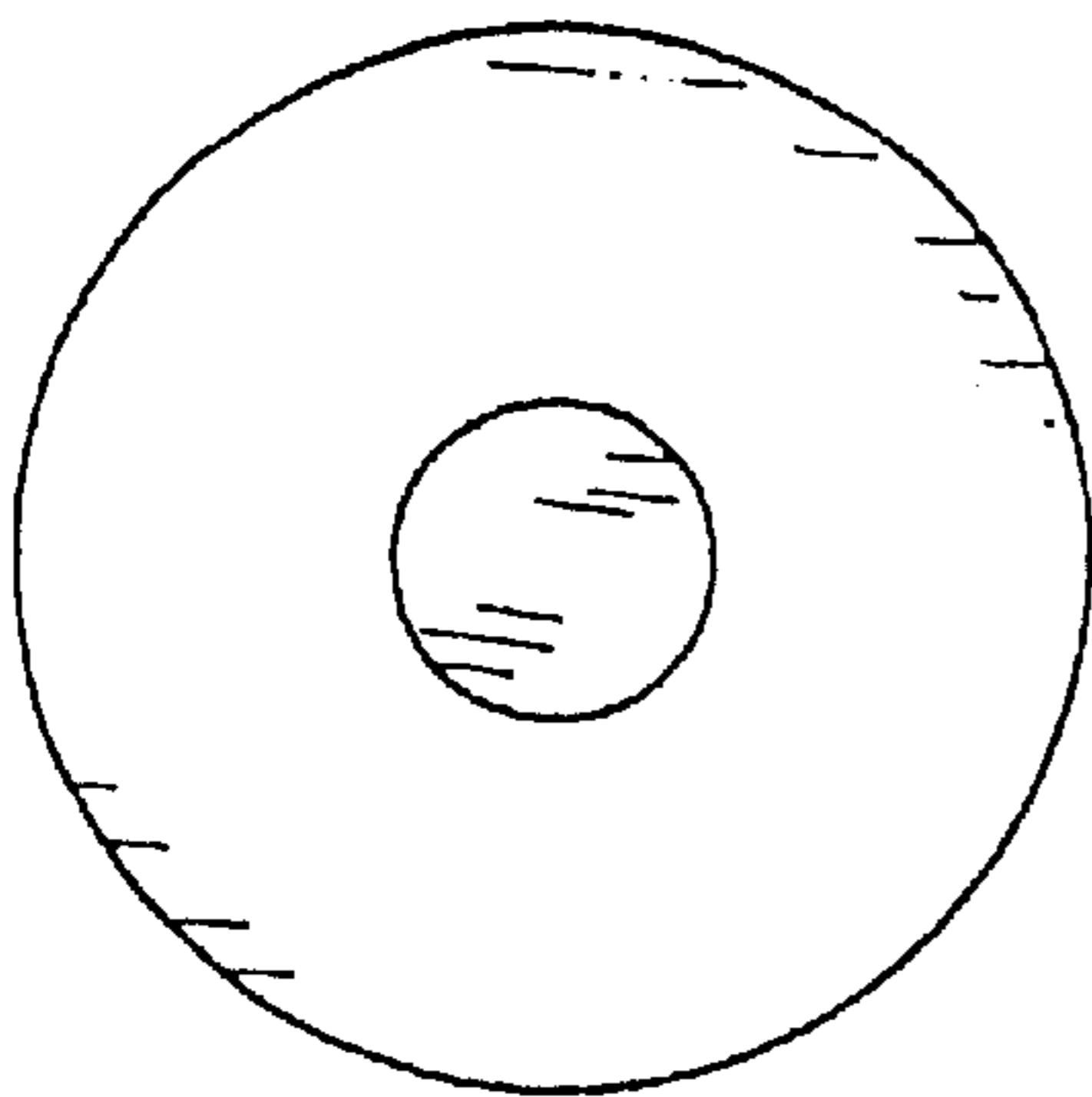


FIG. 144

