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

(10) **Patent No.:** **US D481,620 S**

(45) **Date of Patent:** **\*\* Nov. 4, 2003**

(54) **CORD COUPLING DEVICE**

**DESCRIPTION**

(75) Inventor: **Manabu Yoshiguchi**, Kamakura (JP)

(73) Assignee: **Nifco Inc.**, Yokohama (JP)

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

(21) Appl. No.: **29/172,028**

(22) Filed: **Dec. 5, 2002**

(30) **Foreign Application Priority Data**

Jun. 6, 2002 (JP) ..... 2002-018594

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

(52) **U.S. Cl.** ..... **D8/383**

(58) **Field of Search** ..... D8/382-383; 24/115 G,  
24/115 H, 339, 136 R

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

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\* cited by examiner

*Primary Examiner*—Holly Baynham

(74) *Attorney, Agent, or Firm*—Kanesaka & Takeuchi

(57) **CLAIM**

The ornamental design for a cord coupling device, as shown and described.

FIG. 1 is a front view of a cord coupling device showing my new design, a rear view being the same as the front view;

FIG. 2 is a right view thereof, a left view being the same as the right view;

FIG. 3 is a plan view thereof;

FIG. 4 is a bottom view thereof;

FIG. 5 is a cross sectional view taken along line 5—5 of FIG. 2;

FIG. 6 is a perspective view thereof;

FIG. 7 is a front view of a male member of the cord coupling device, a rear view being the same as the front view;

FIG. 8 is a right view thereof, a left view being the same as the right view;

FIG. 9 is a bottom view thereof;

FIG. 10 is a plan view thereof;

FIG. 11 is a front view of a female member of the cord coupling device, a rear view being the same as the front view;

FIG. 12 is a right view thereof, a left view being the same as the right view;

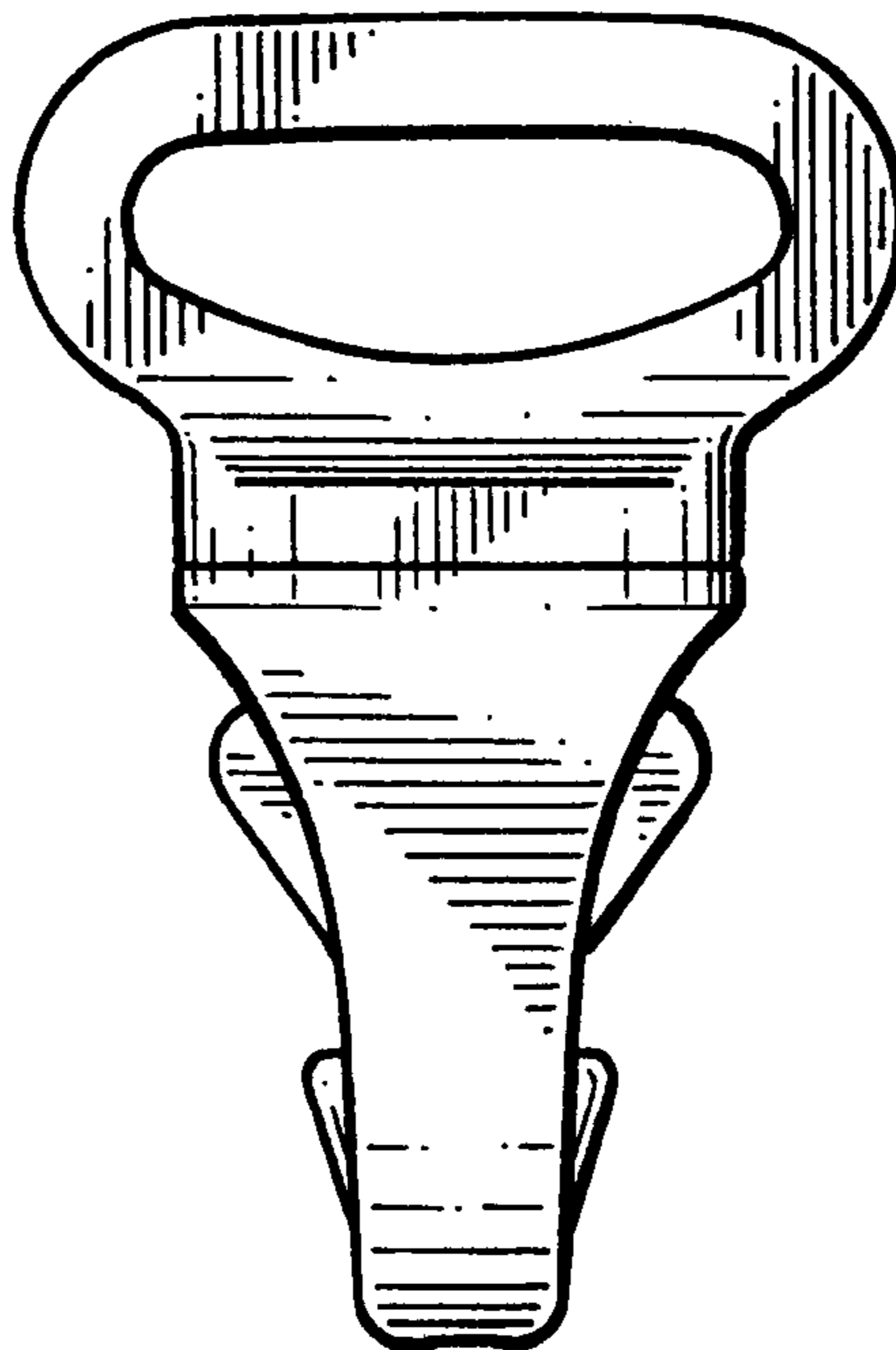
FIG. 13 is a plan view thereof;

FIG. 14 is a bottom view thereof; and,

FIG. 15 is a cross sectional view taken along line 15—15 of FIG. 14.

The elements of the claimed design have been shown separately for clarity of illustration.

**1 Claim, 9 Drawing Sheets**



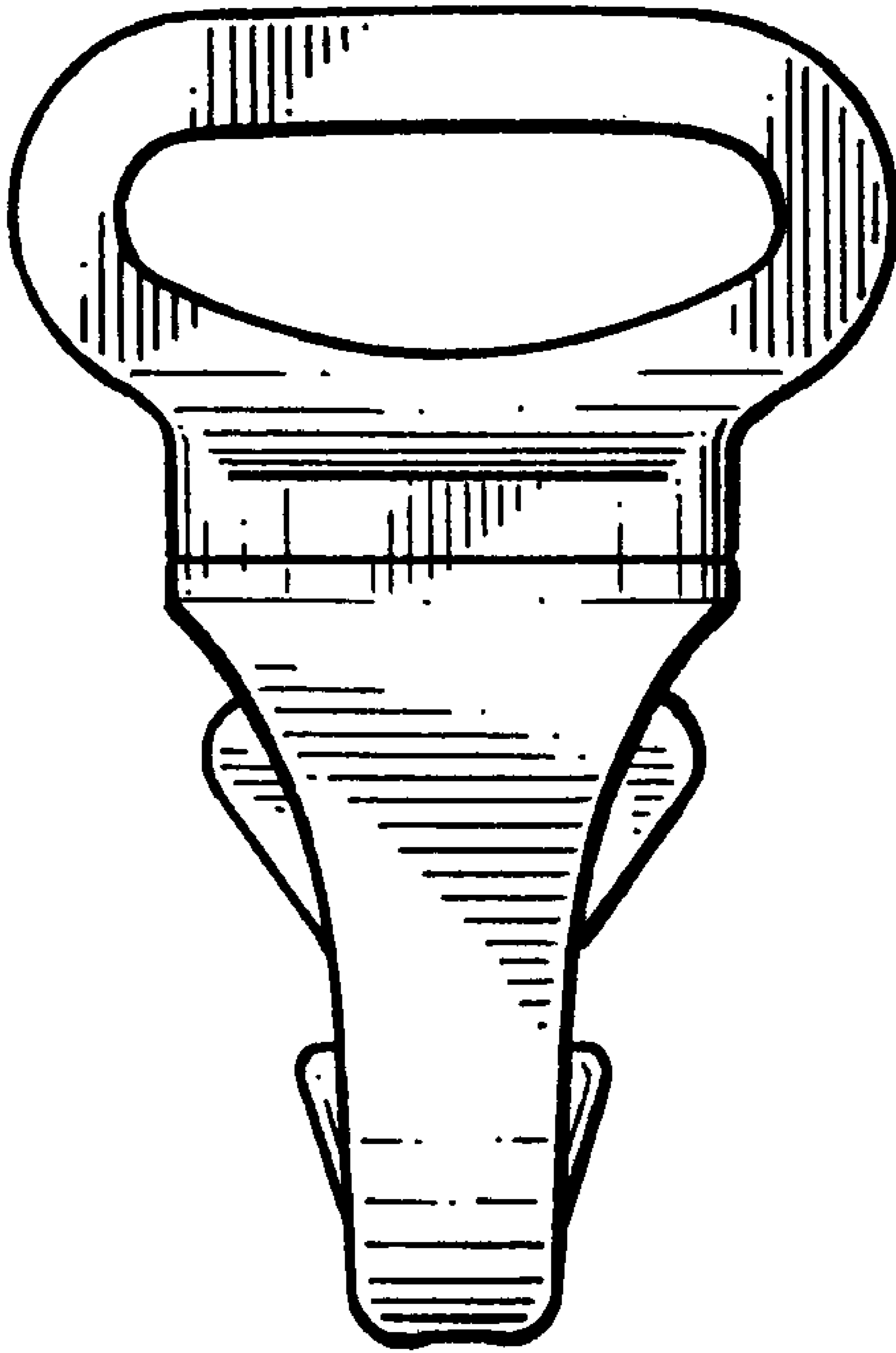


FIG. 1

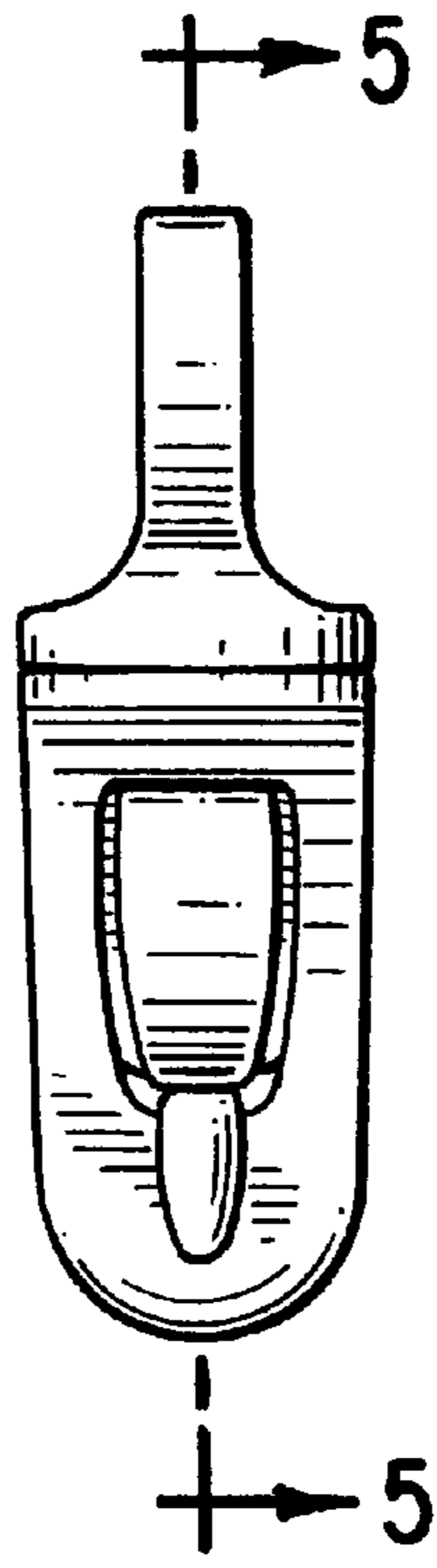


FIG. 2

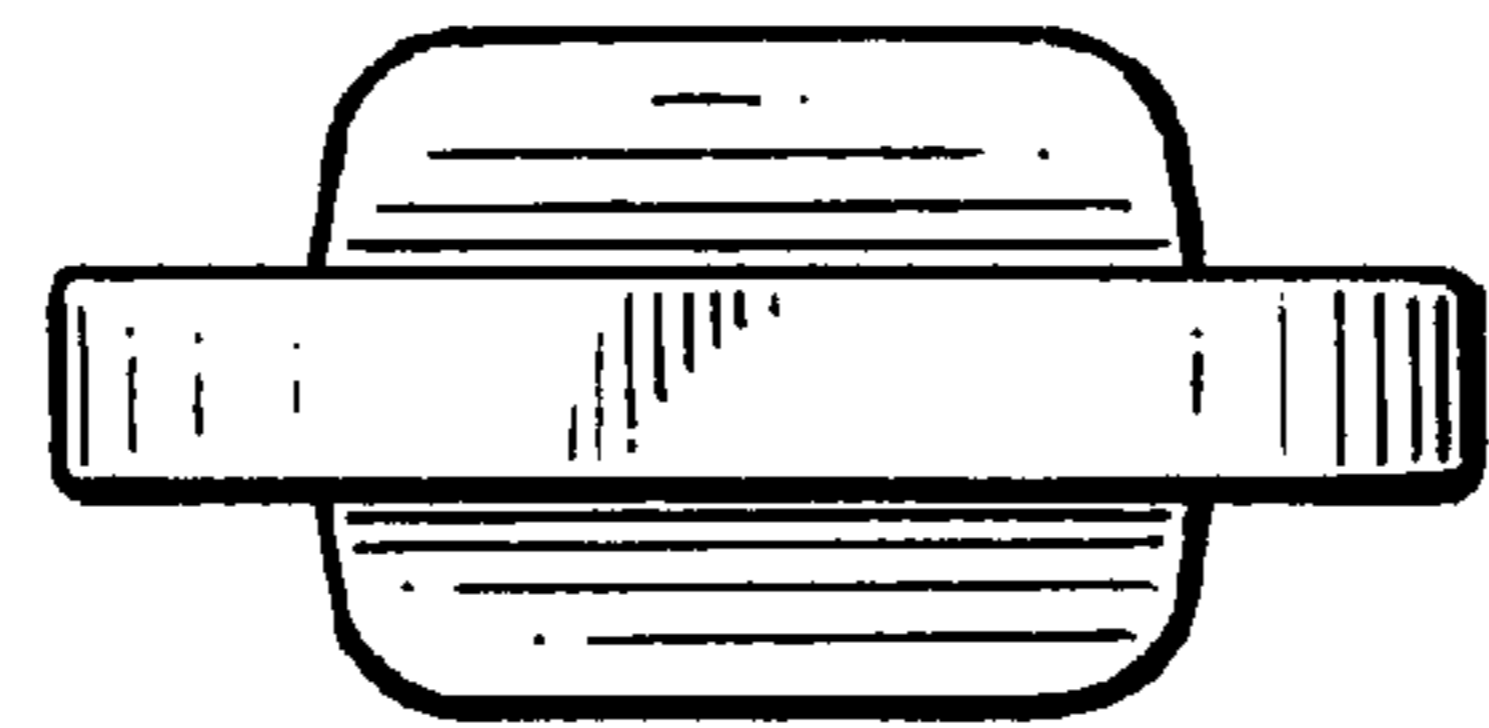


FIG. 3

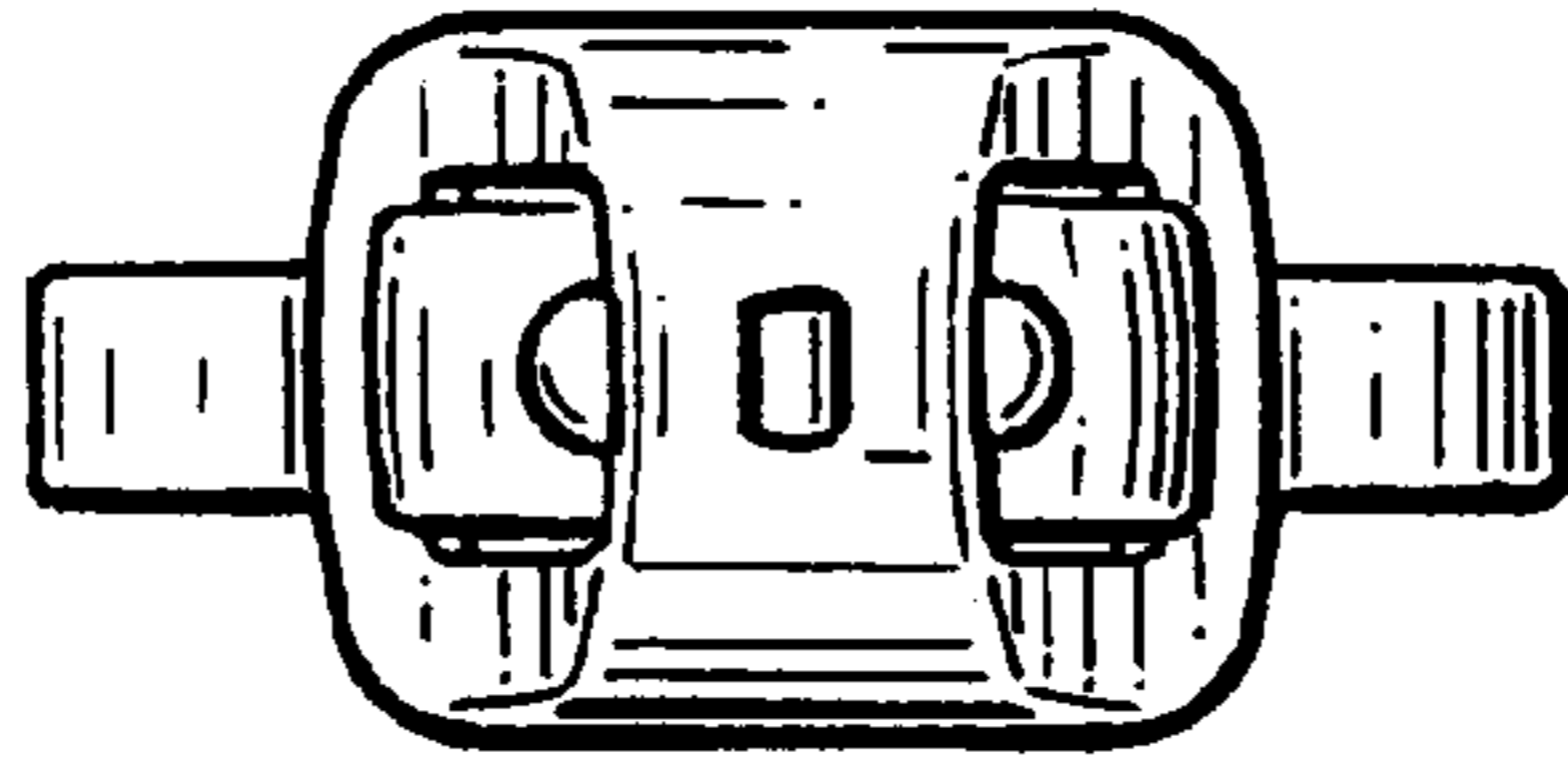


FIG. 4

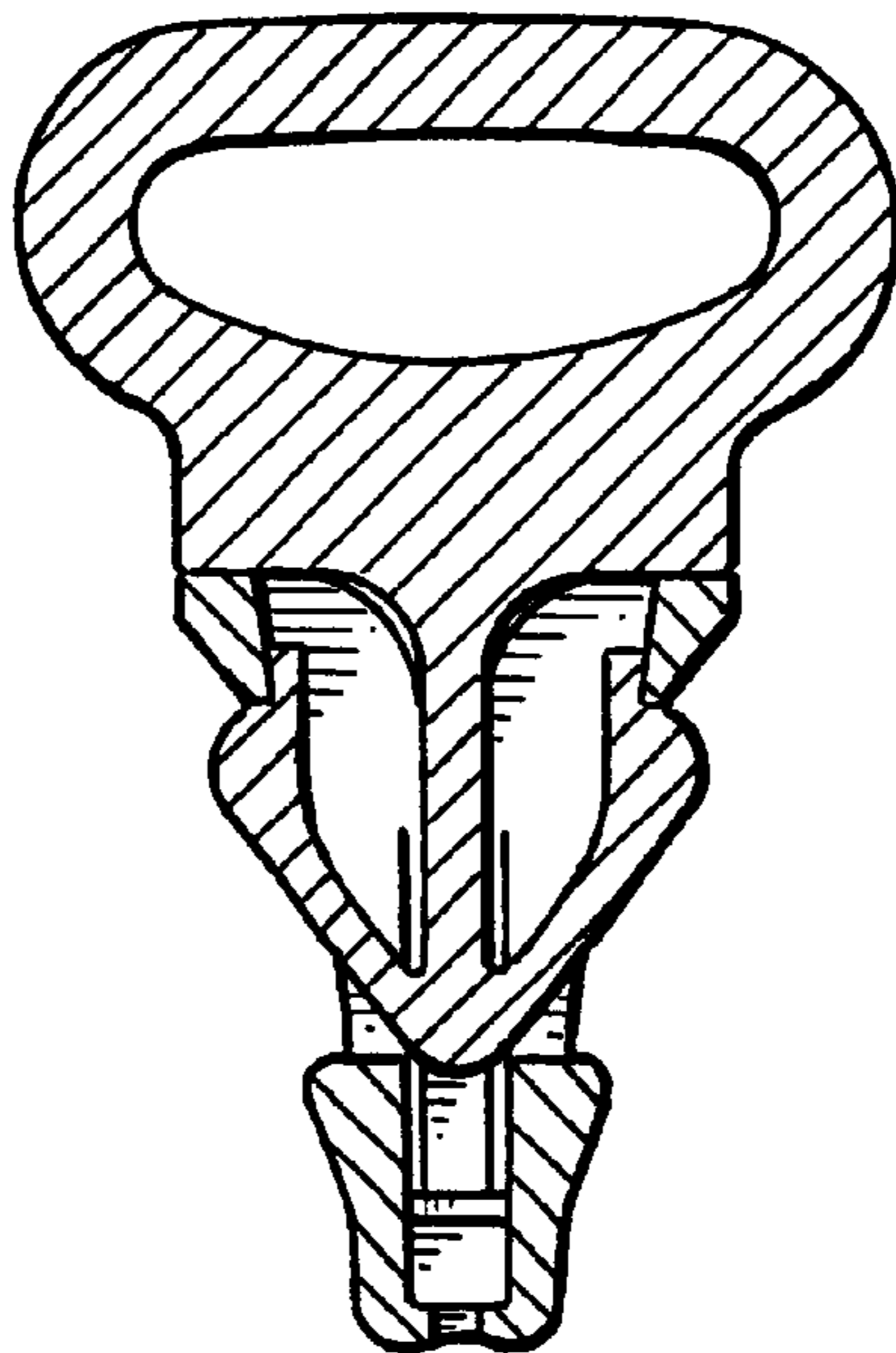
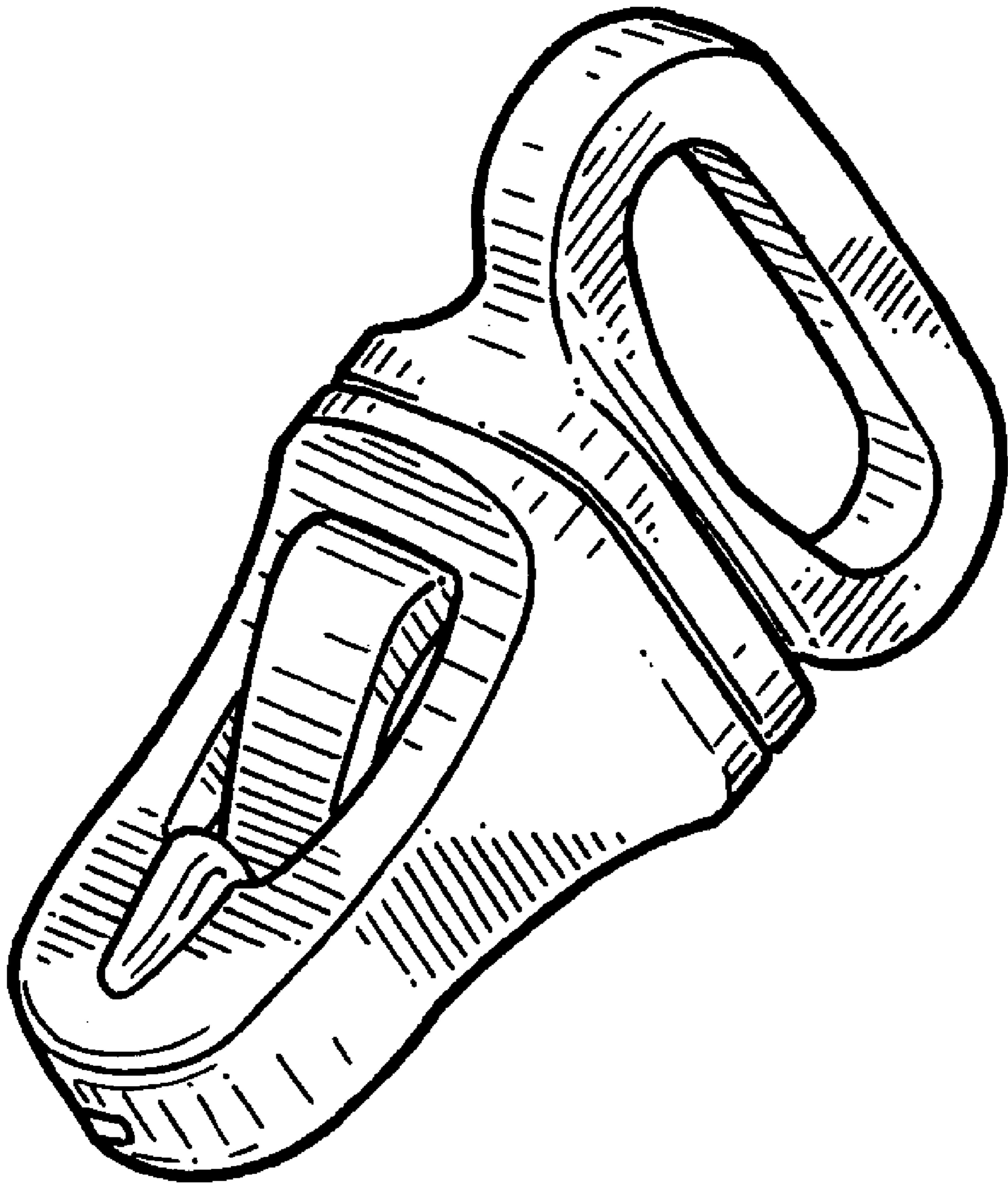


FIG. 5



**FIG. 6**

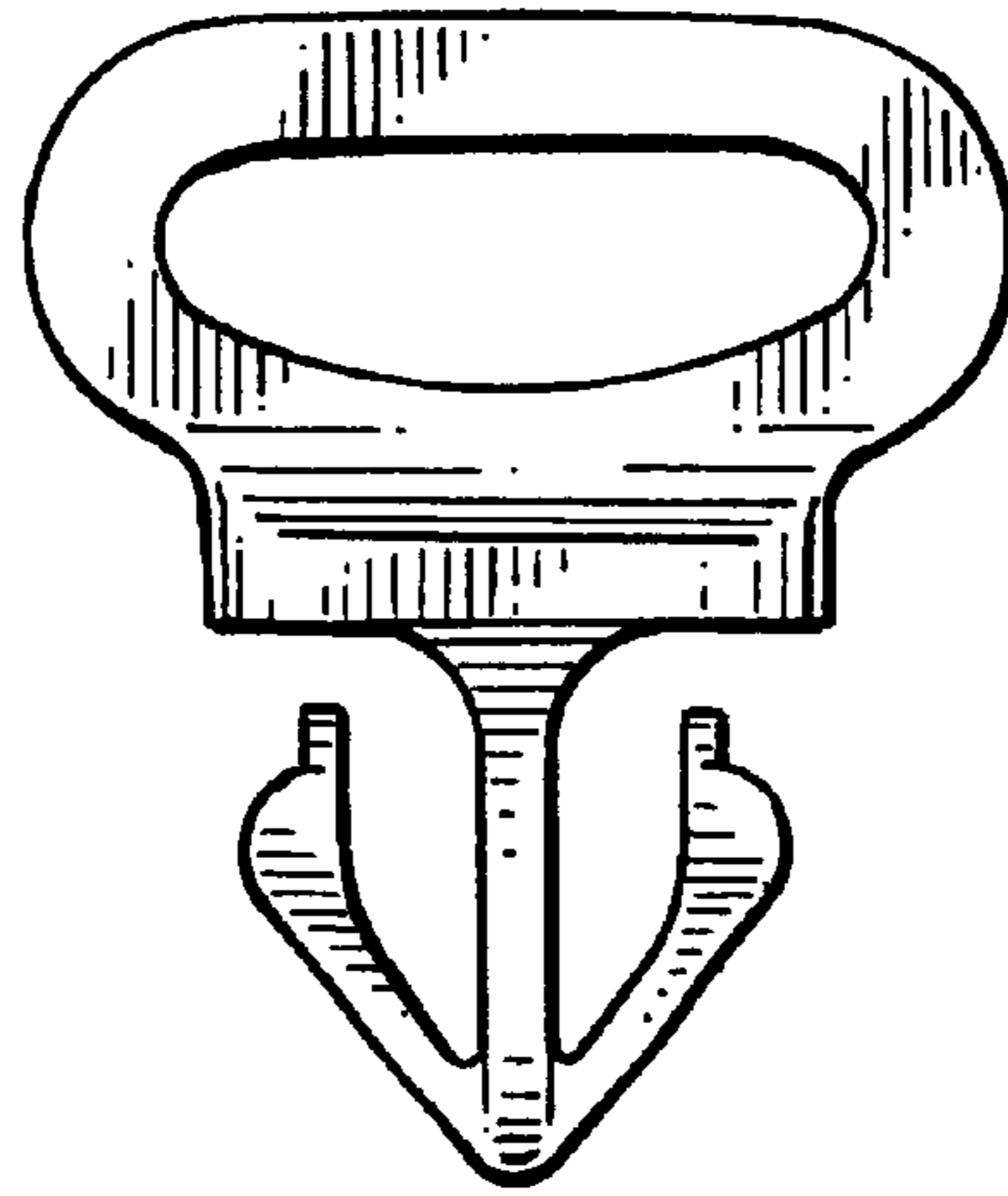


FIG. 7

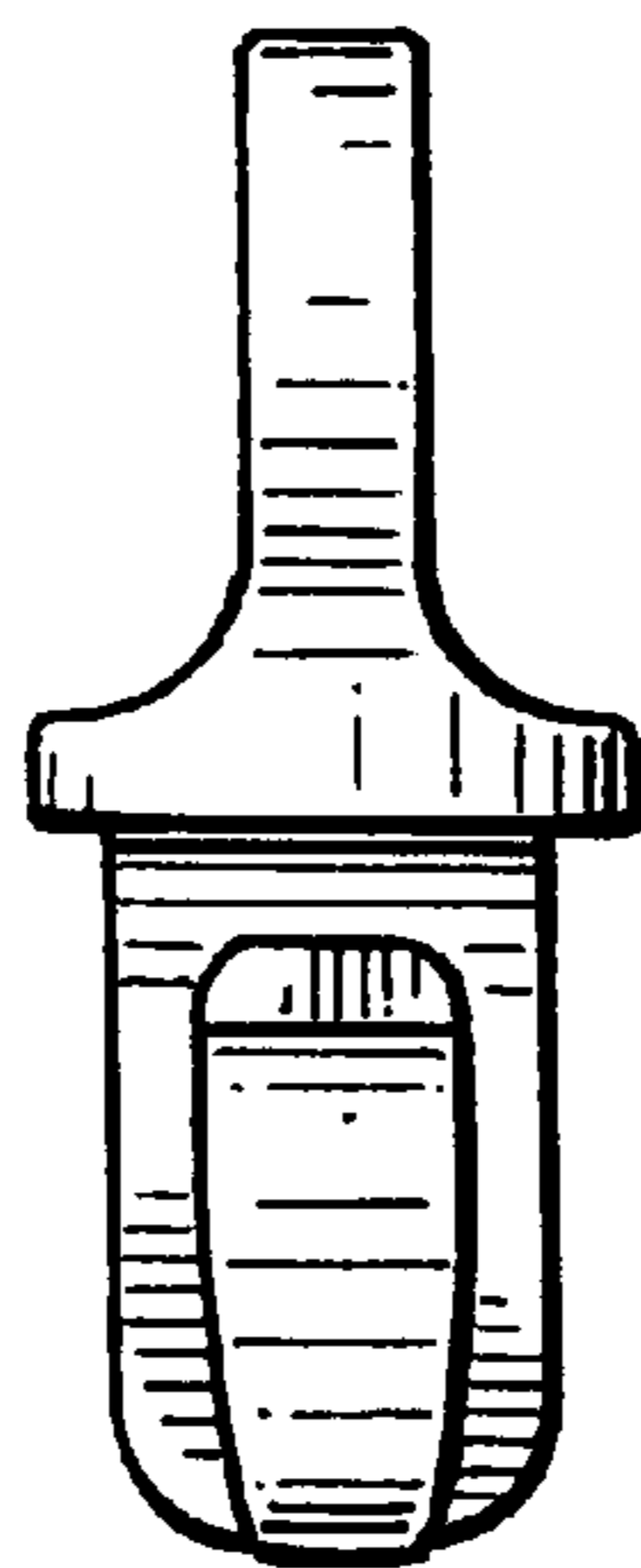


FIG. 8

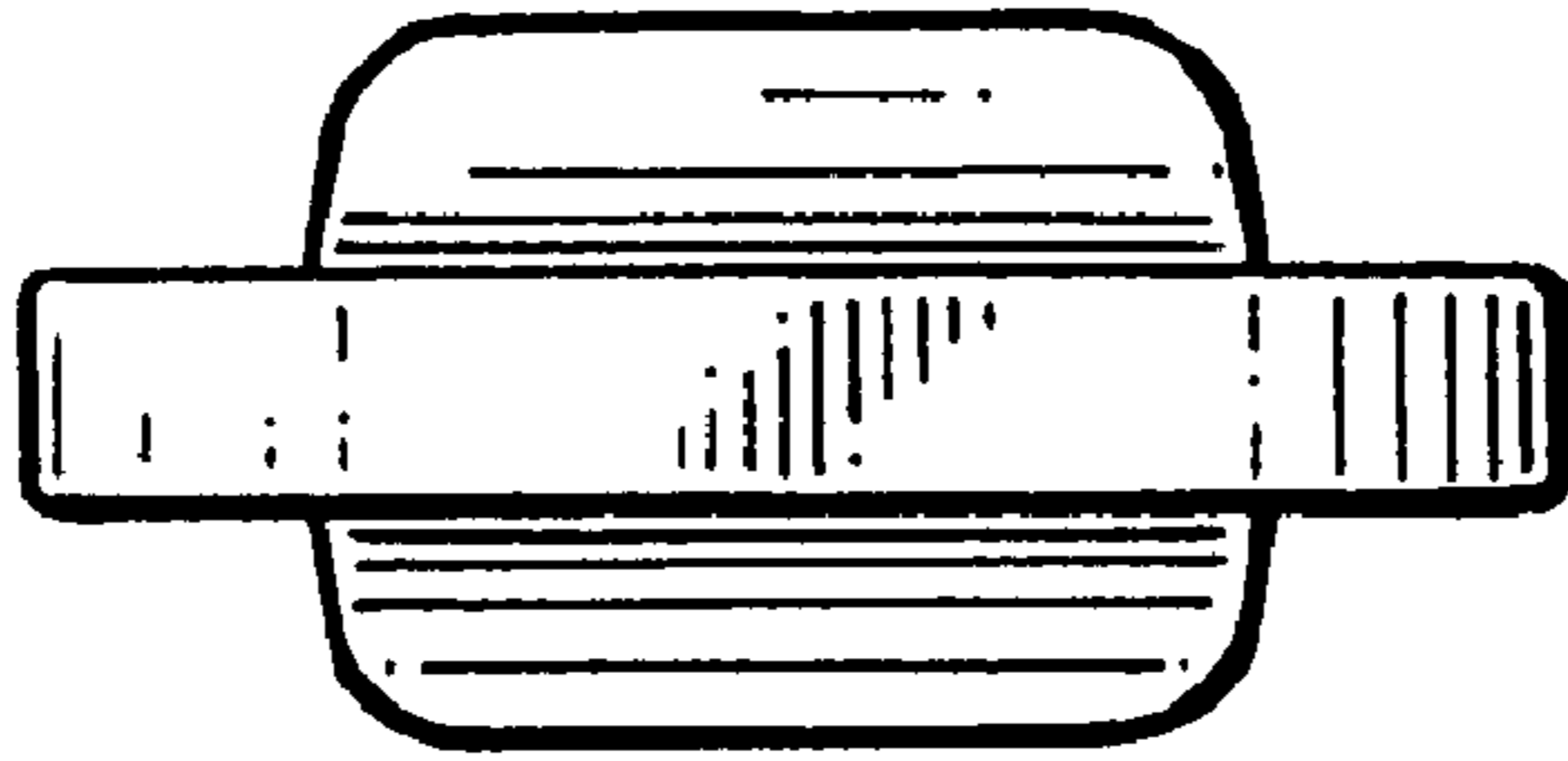


FIG. 9

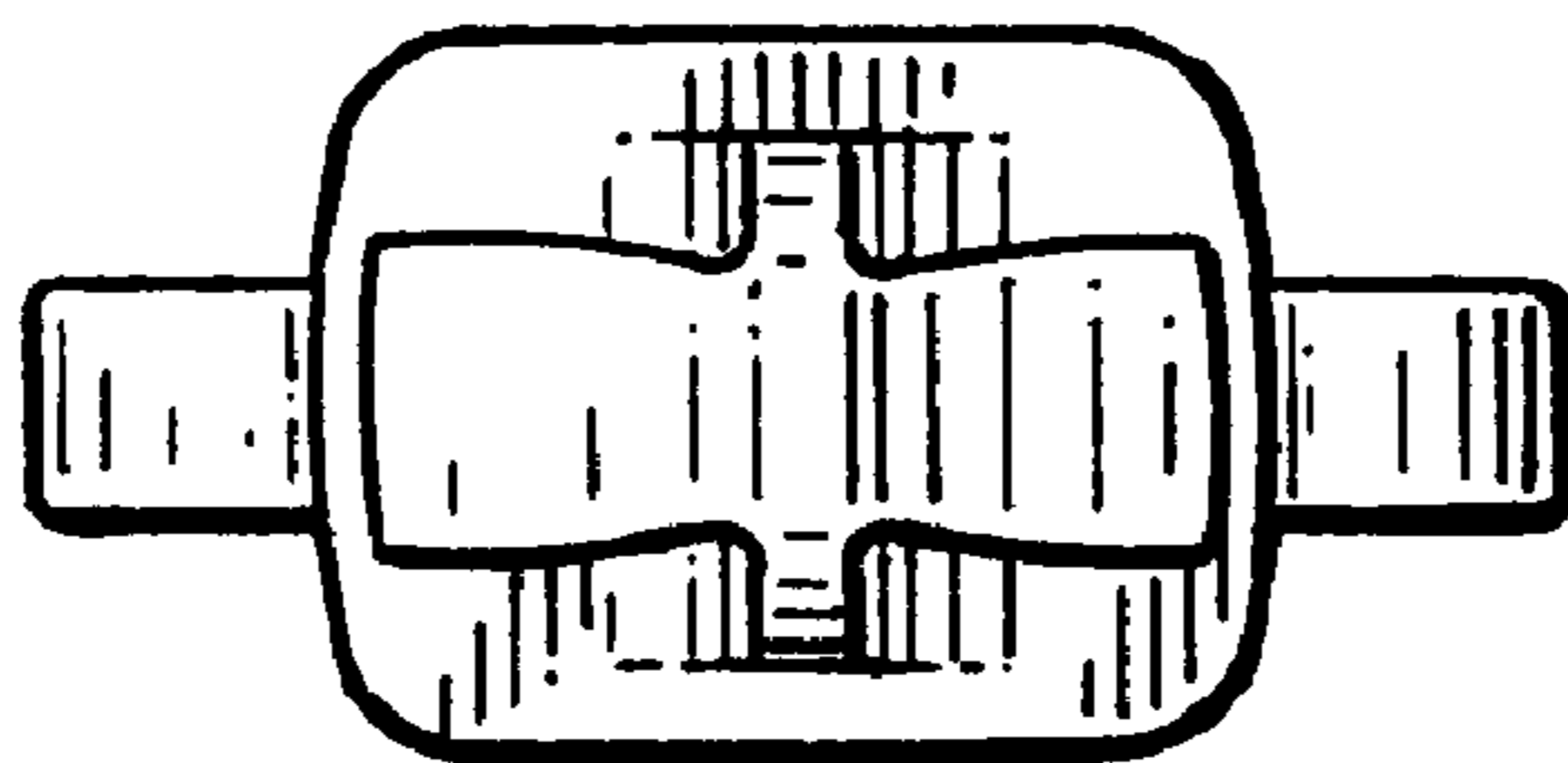


FIG. 10

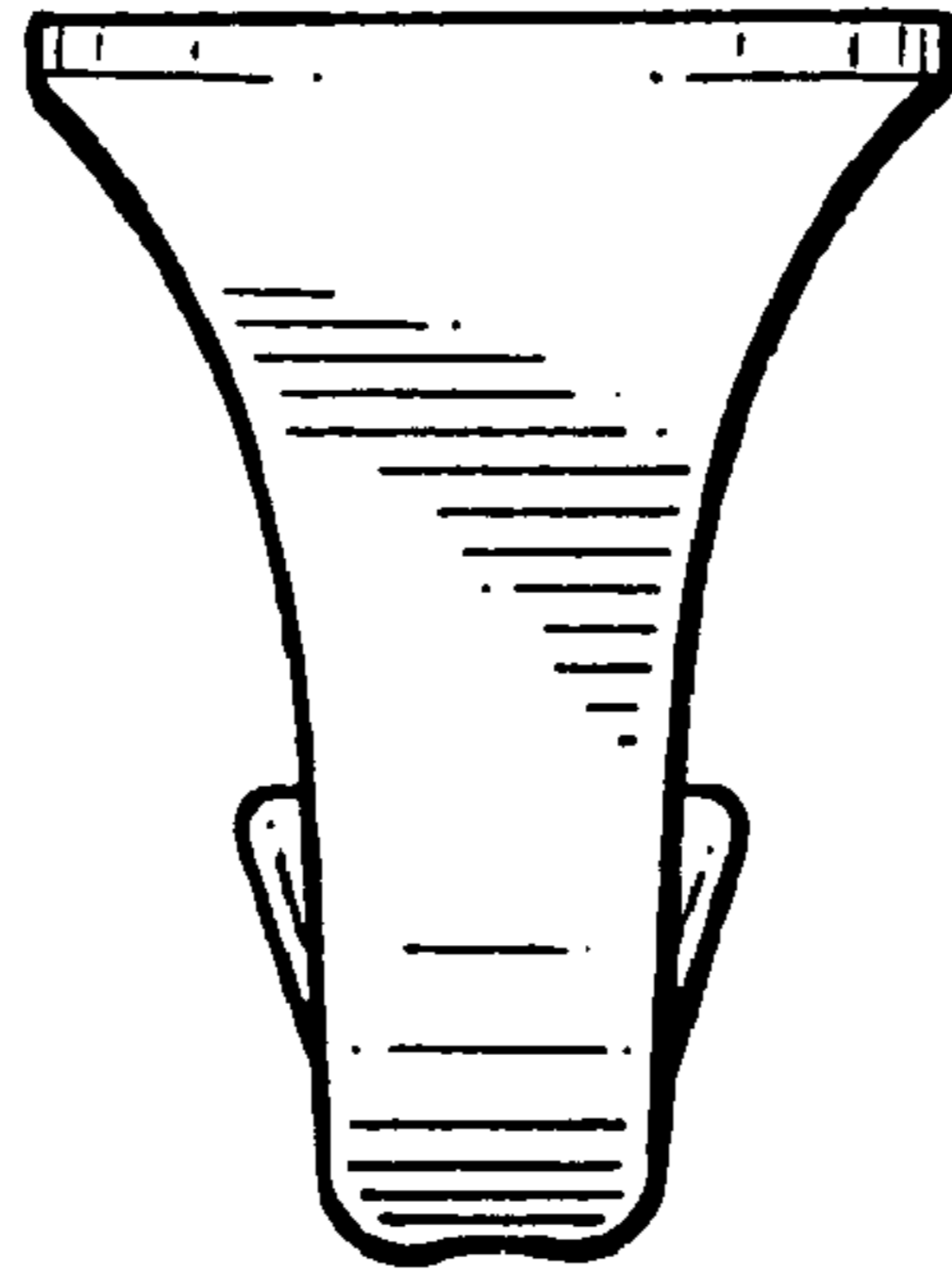


FIG. 11

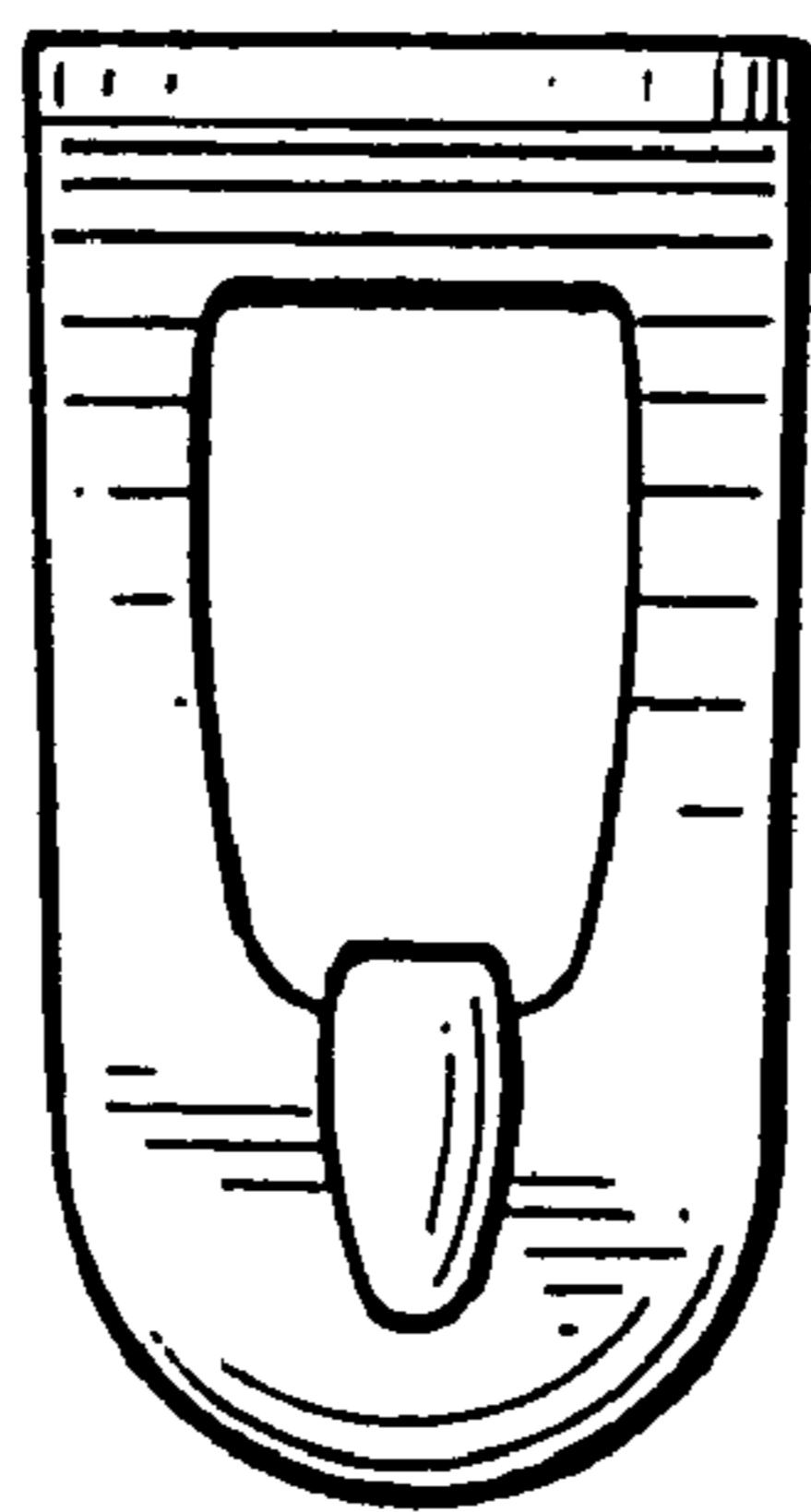


FIG. 12



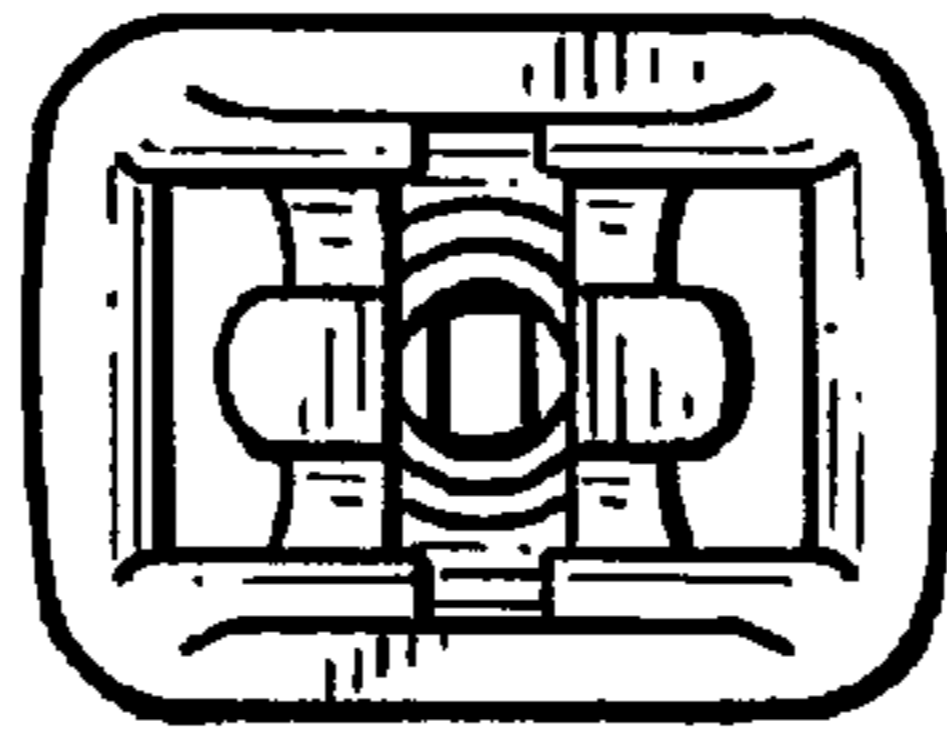


FIG. 13

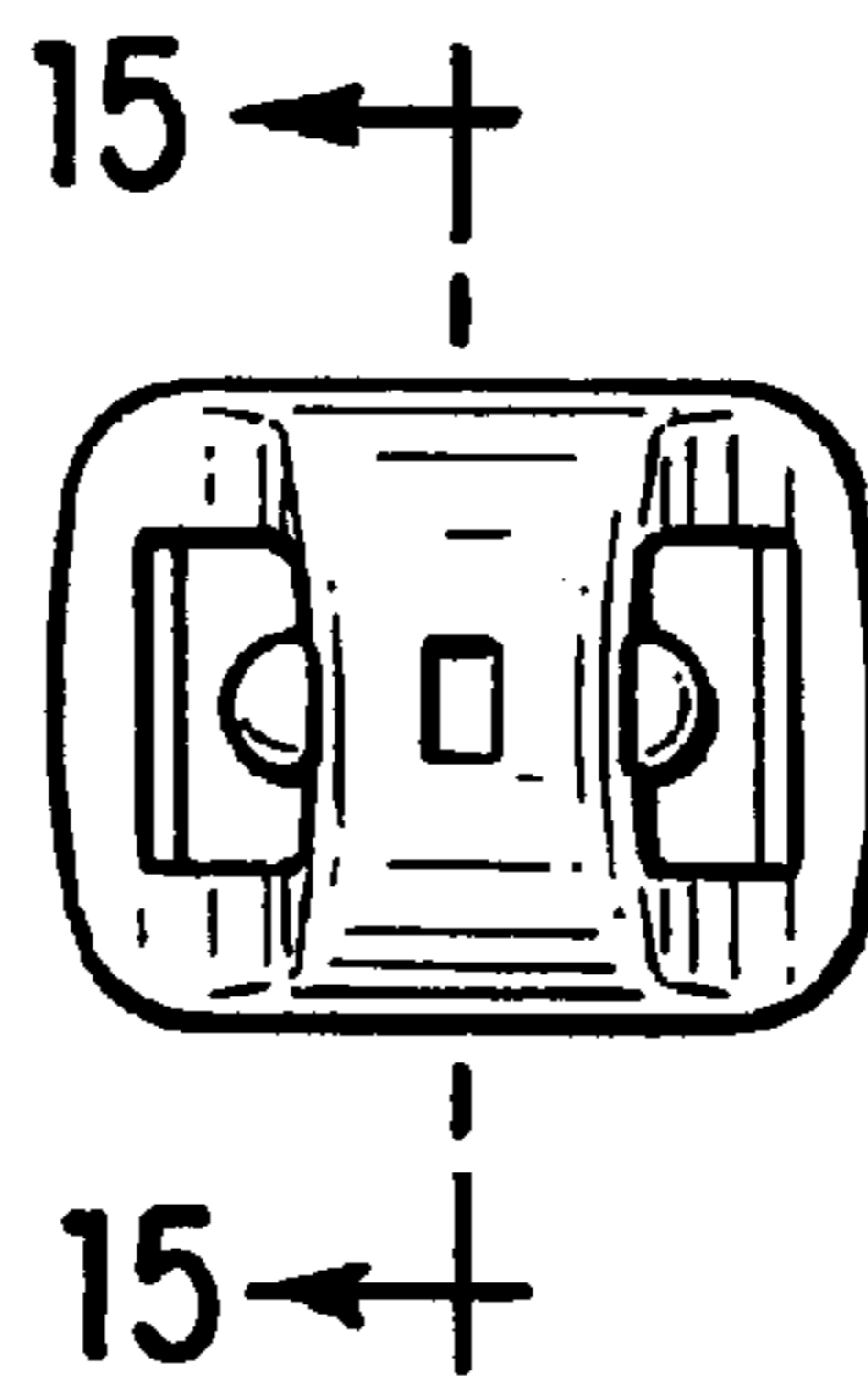
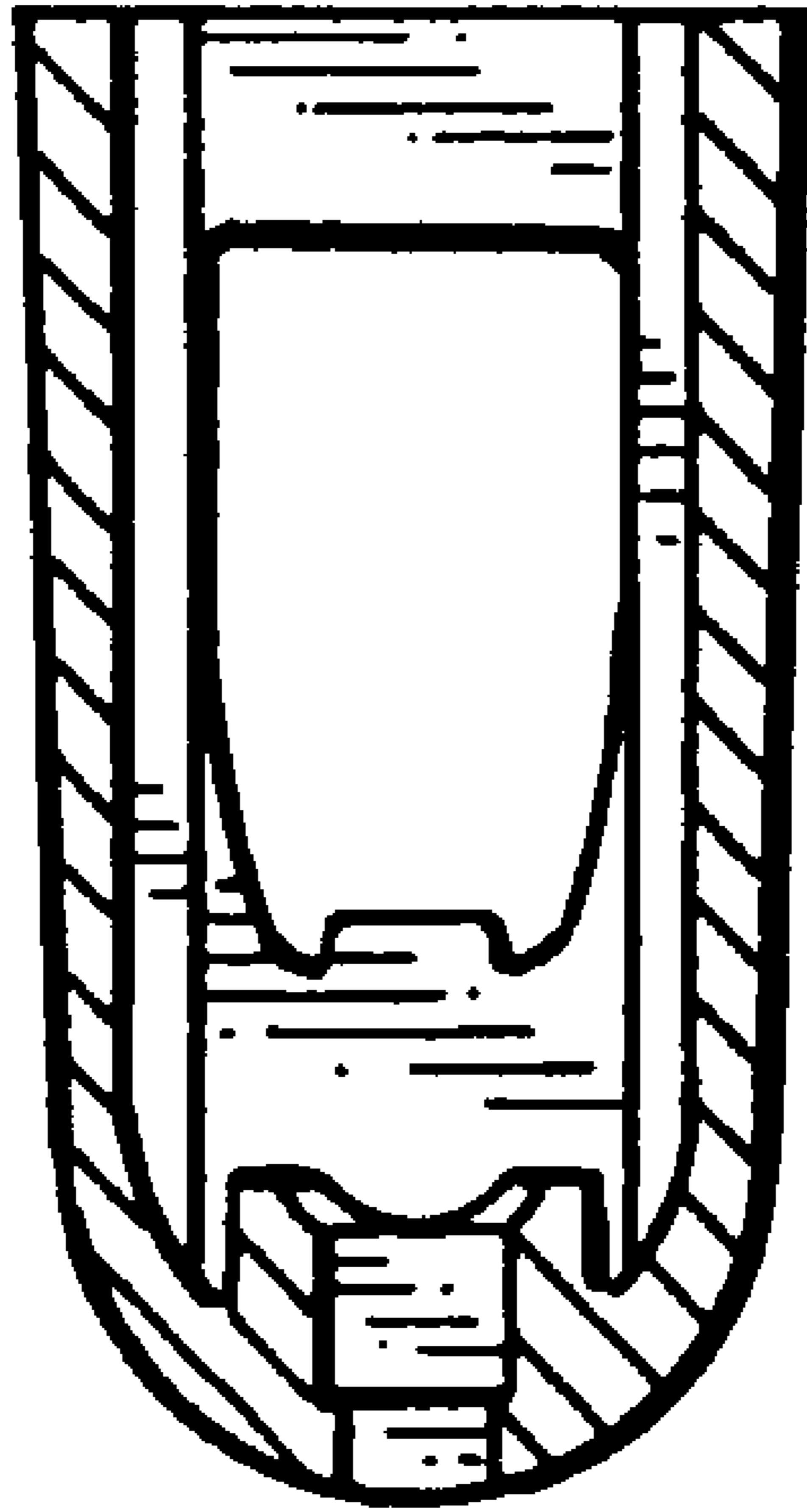


FIG. 14



**FIG. 15**