



US00D444452S

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

(10) **Patent No.:** **US D444,452 S**

(45) **Date of Patent:** **\*\* Jul. 3, 2001**

(54) **CABLE SEALING PLUG**

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(73) **Assignee:** **3M Innovative Properties Company**, St. Paul, MN (US)

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

(21) **Appl. No.:** **29/099,697**

(22) **Filed:** **Jan. 27, 1999**

(51) **LOC (7) Cl.** ..... **13-03**

(52) **U.S. Cl.** ..... **D13/154**

(58) **Field of Search** ..... D13/154, 156, D13/155; 174/21 JS, 22 R, 76, 77 R, 78, 93, DIG. 8

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(74) *Attorney, Agent, or Firm*—Darla P. Fonseca

(57) **CLAIM**

The ornamental design for a cable sealing plug, as shown and described.

**DESCRIPTION**

The invention relates generally to cable splice enclosures, and in particular to a design for a plug useful in such enclosures.

FIG. 1 is a top view of a first embodiment of the present invention;

FIG. 2 is a bottom view of the embodiment of FIG. 1;

FIG. 3 is a front view of the embodiment of FIG. 1;

FIG. 4 is a rear view of the embodiment of FIG. 1;

FIG. 5 is a side view of the embodiment of FIG. 1, taken along the right side of FIG. 3; the side view taken along the left side of FIG. 3 is a mirror image of FIG. 5;

FIG. 6 is a perspective view of the embodiment of FIG. 1;

FIG. 7 is a cross-sectional view of the embodiment of FIG. 1, taken along the plane 7—7;

FIG. 8 is a top view of a second embodiment of the present invention;

FIG. 9 is a bottom view of the embodiment of FIG. 8;

FIG. 10 is a front view of the embodiment of FIG. 8; the rear view is identical;

FIG. 11 is a side view taken along the left side of FIG. 10; the side view taken along the right side of FIG. 10 is identical;

FIG. 12 is a perspective view of the embodiment of FIG. 8;

FIG. 13 is a cross-sectional view of the embodiment of FIG. 8, taken along the plane 13—13;

FIG. 14 is a top view of a third embodiment of the present invention;

FIG. 15 is a bottom view of the embodiment of FIG. 14;

FIG. 16 is a front view of the embodiment of FIG. 14;

FIG. 17 is a rear view of the embodiment of FIG. 14;

FIG. 18 is a side view of the embodiment of FIG. 14 taken along the right side of FIG. 16; the opposing side view is a mirror image of FIG. 18;

FIG. 19 is a perspective view of the embodiment of FIG. 14;

FIG. 20 is a cross-sectional view of the embodiment of FIG. 14 taken along the plane 20—20;

FIG. 21 is a top view of a fourth embodiment of the present invention;

FIG. 22 is a bottom view of the embodiment of FIG. 21;

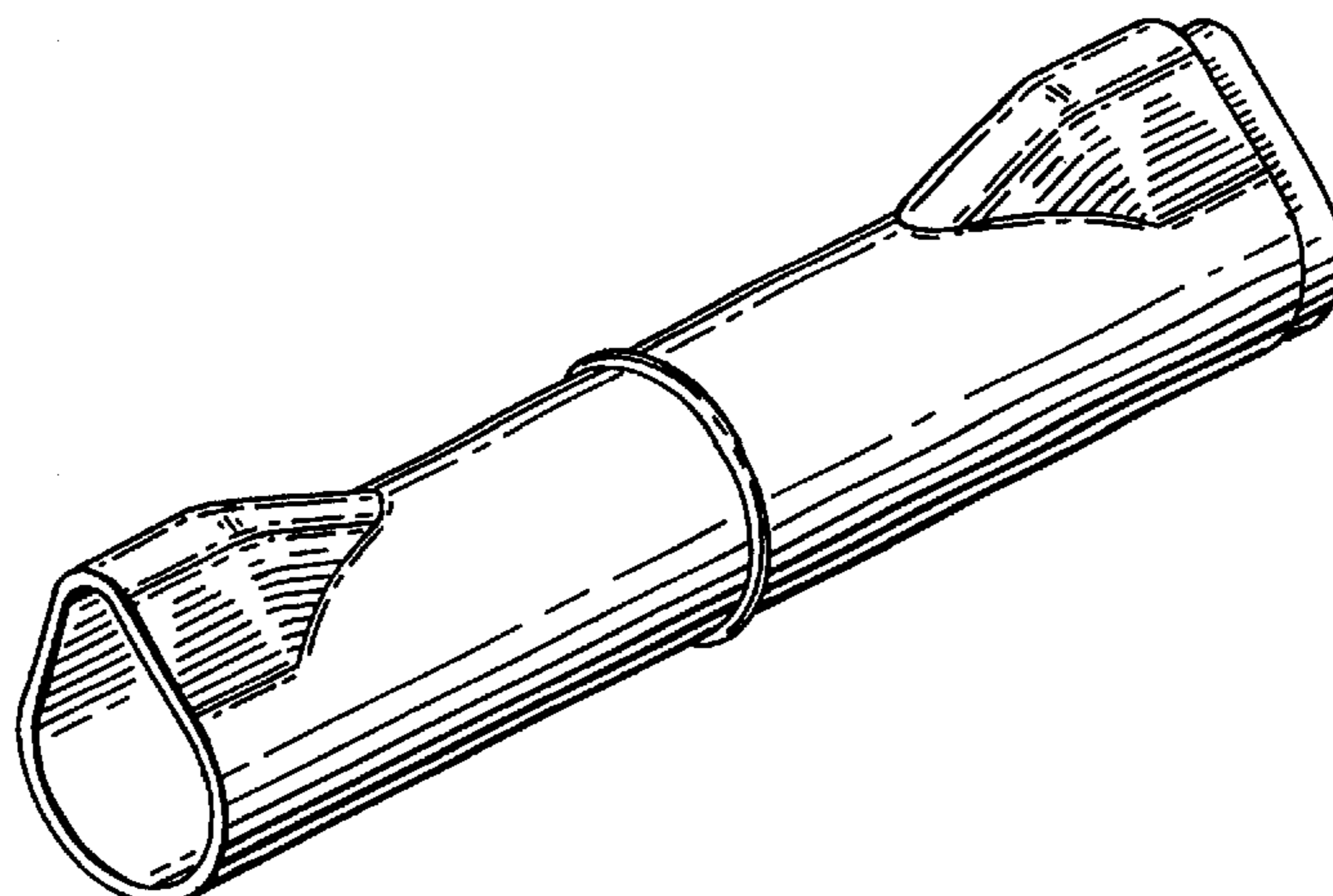
FIG. 23 is a front view of the embodiment of FIG. 21; the rear view is identical;

FIG. 24 is a side view of the embodiment of FIG. 21 taken along the right side of FIG. 23; the side view taken along the left side of FIG. 23 is identical;

FIG. 25 is a perspective view of the embodiment of FIG. 21; and,

FIG. 26 is a cross-sectional view of the embodiment of FIG. 21 taken along the plane 26—26.

**1 Claim, 5 Drawing Sheets**



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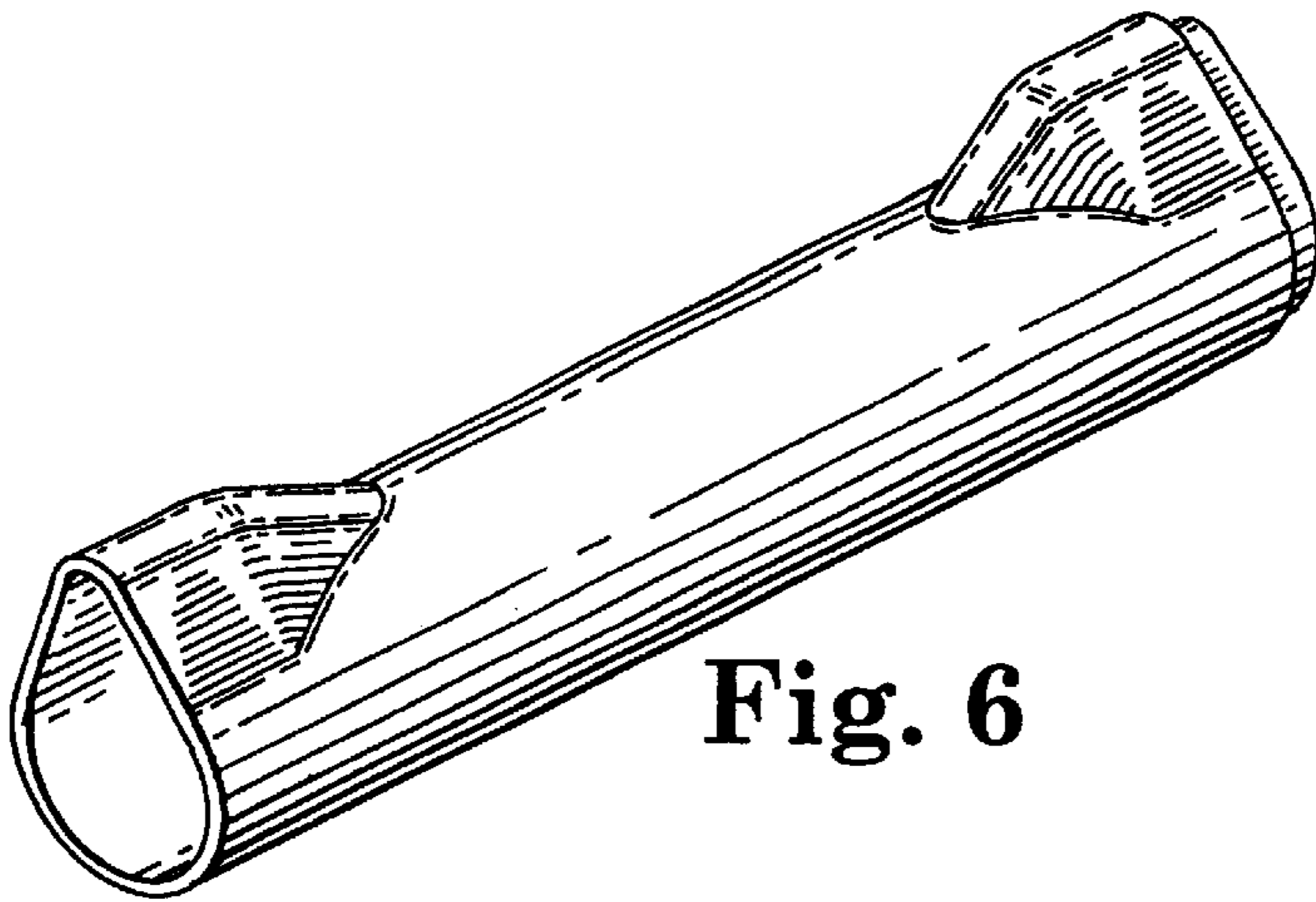


Fig. 6

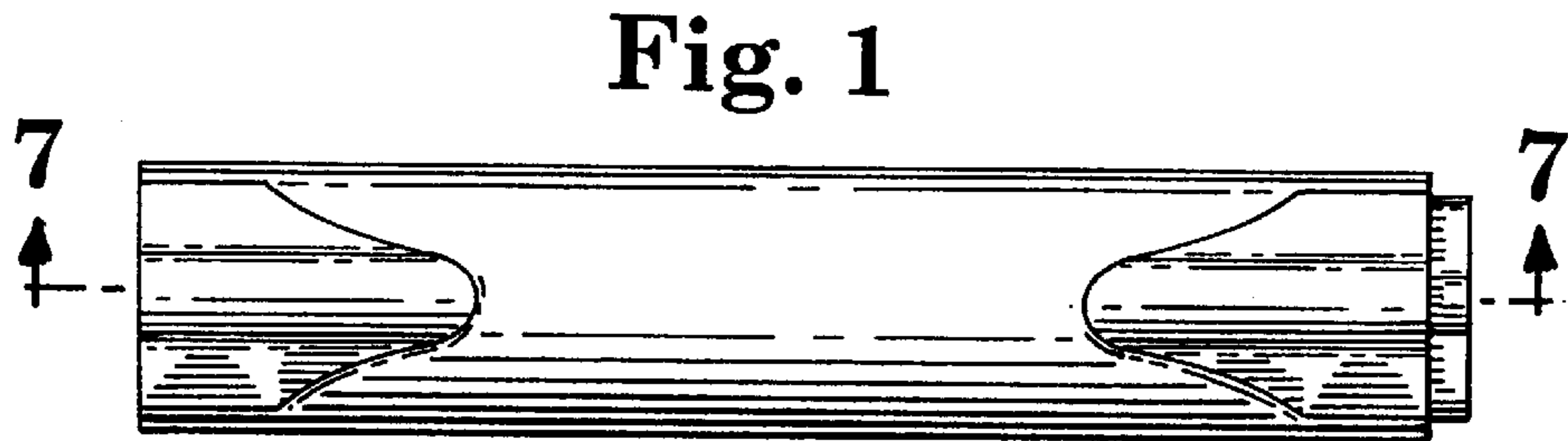


Fig. 1

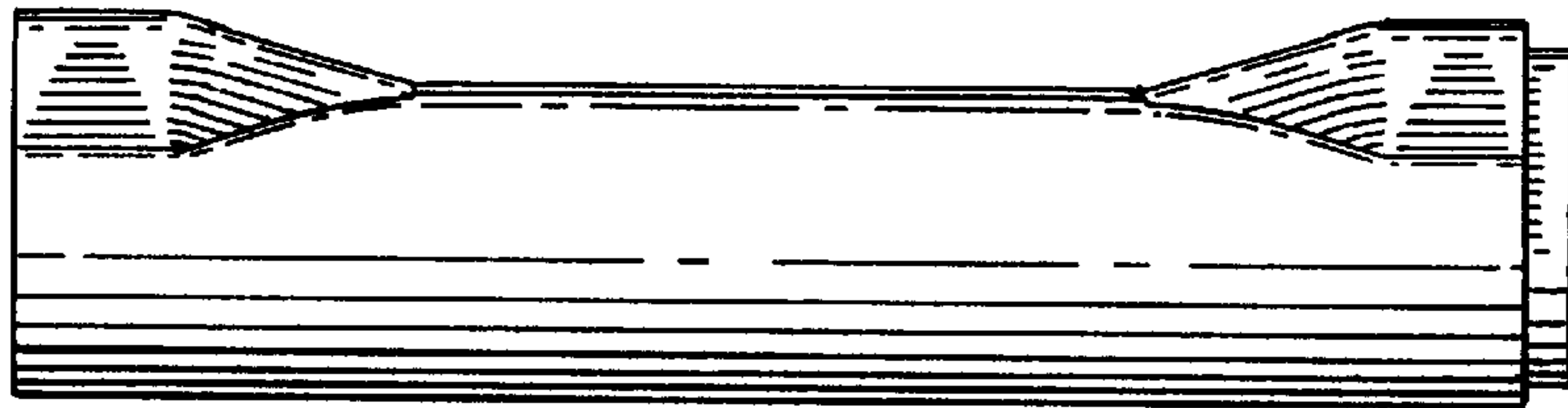


Fig. 5

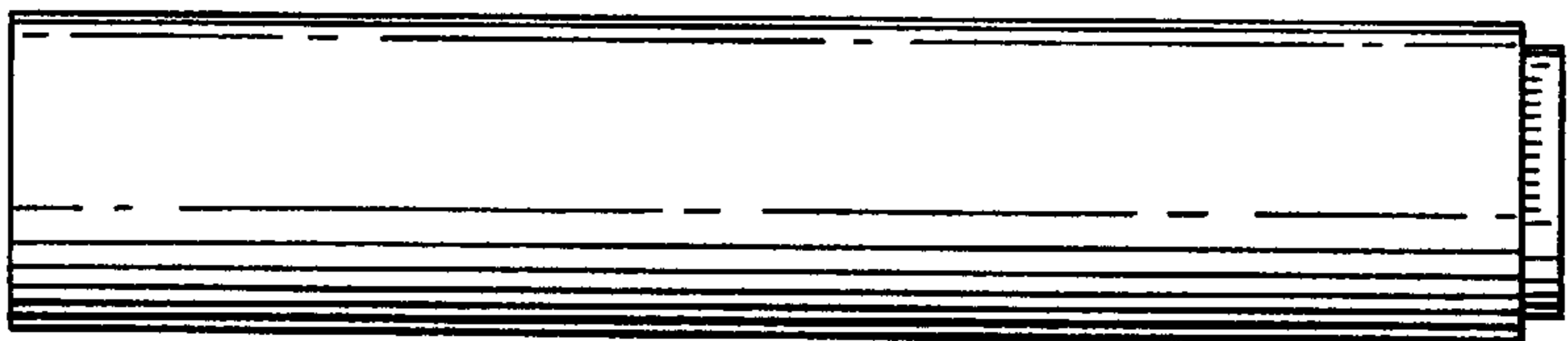


Fig. 2

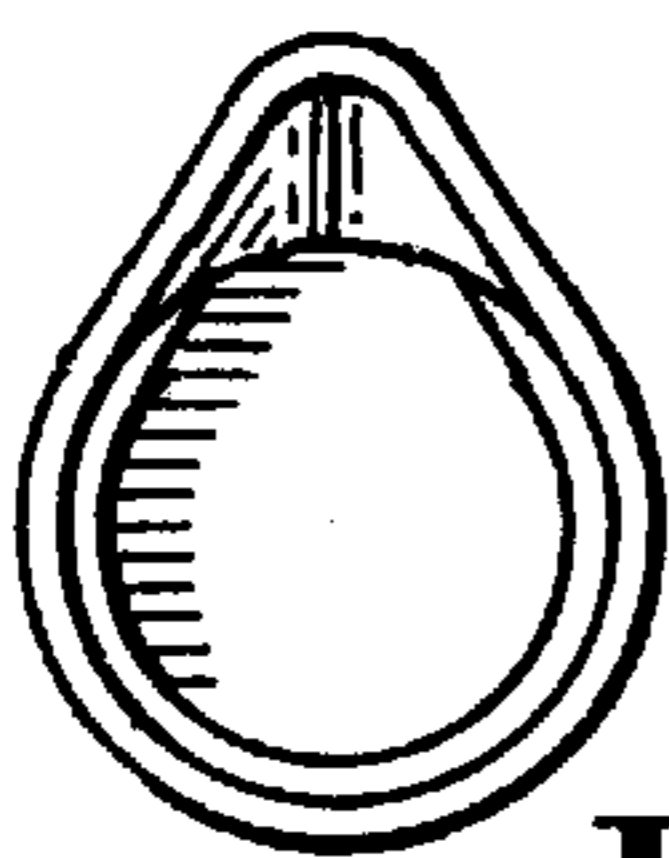


Fig. 3

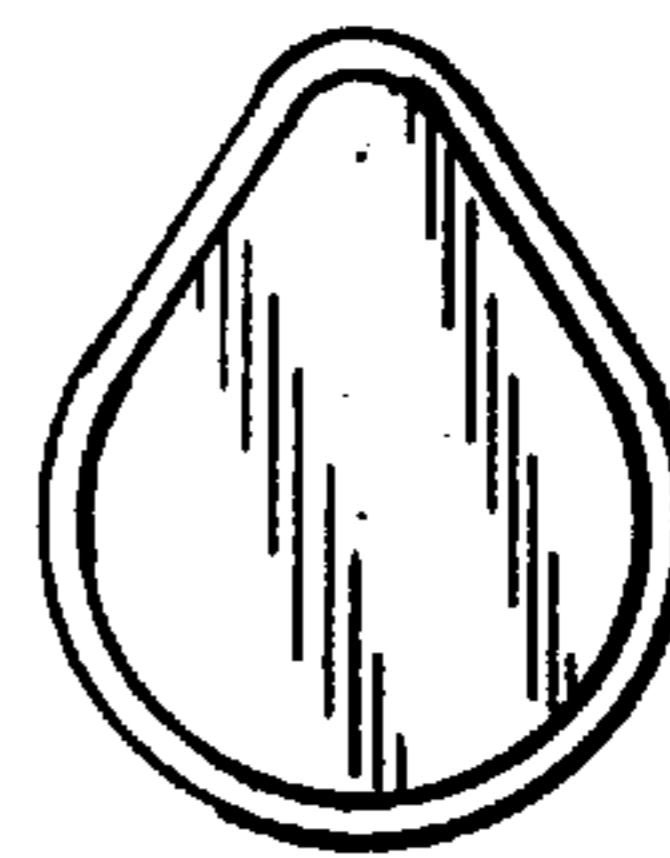
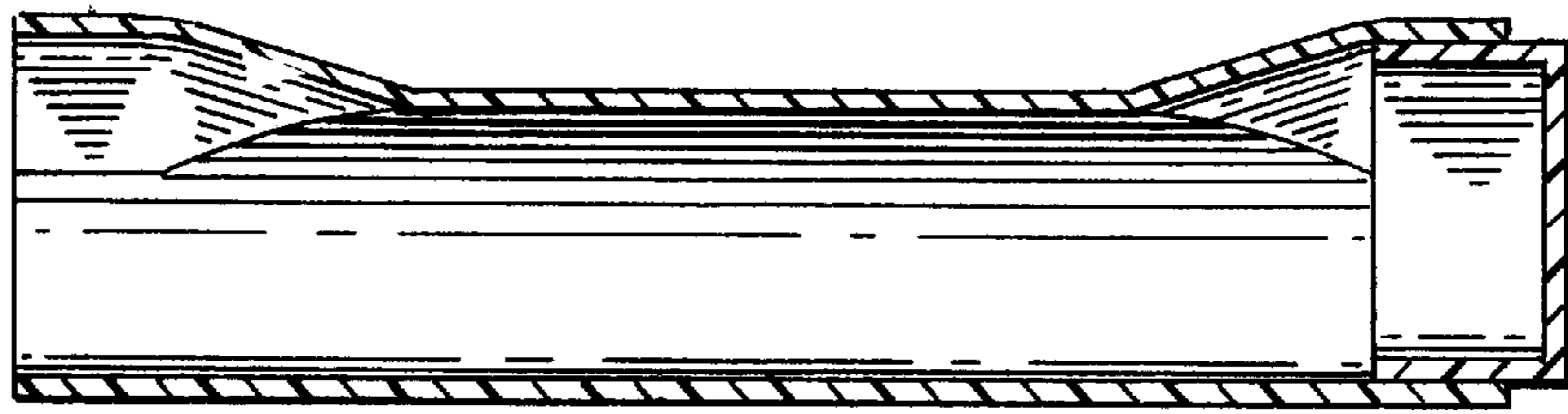
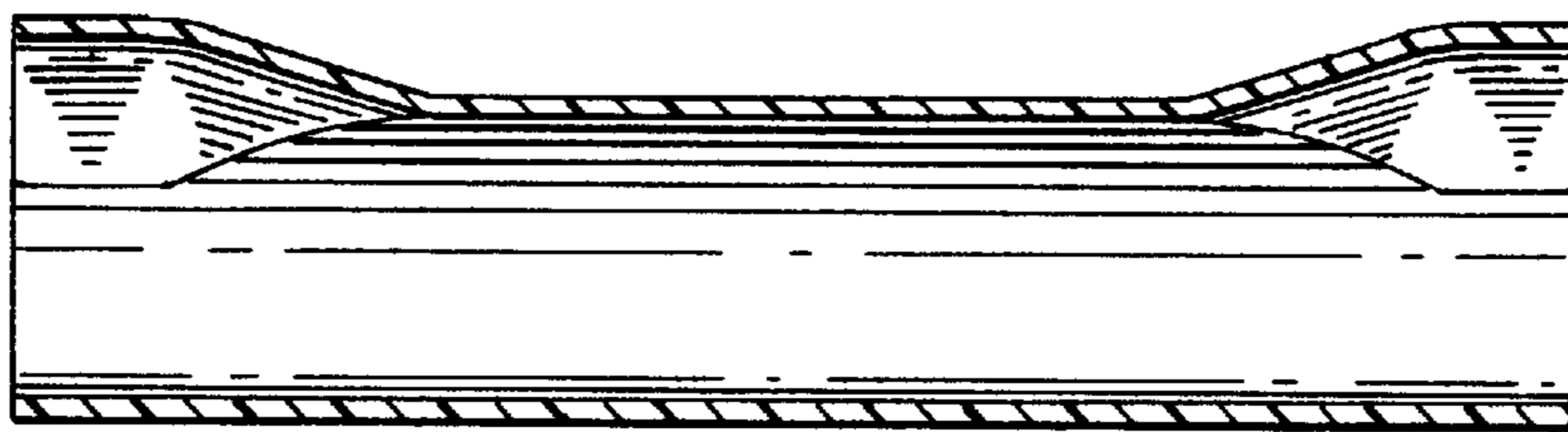


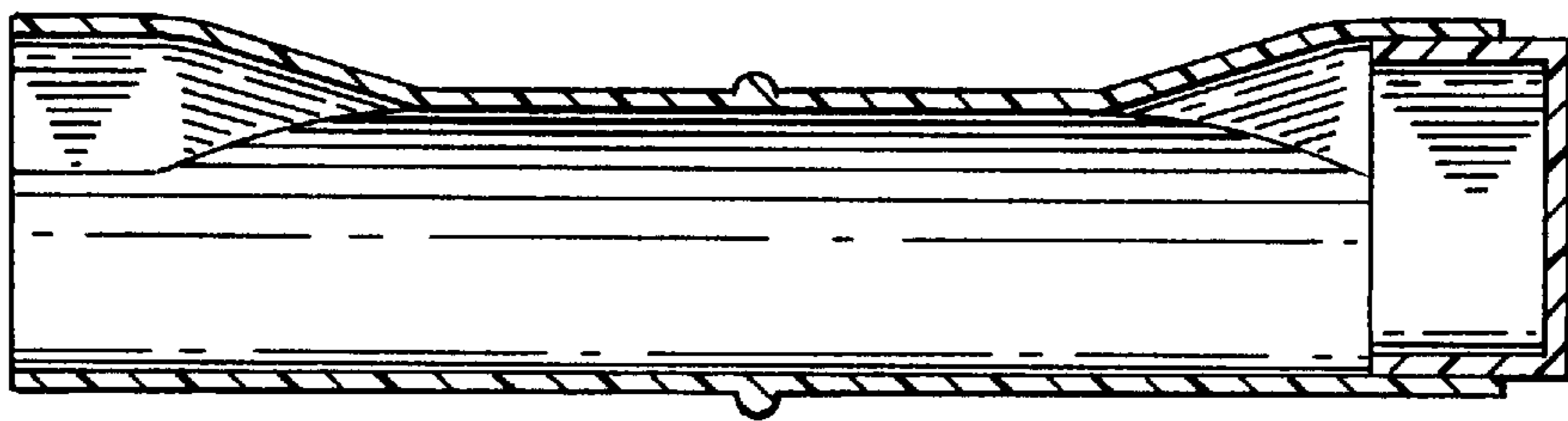
Fig. 4



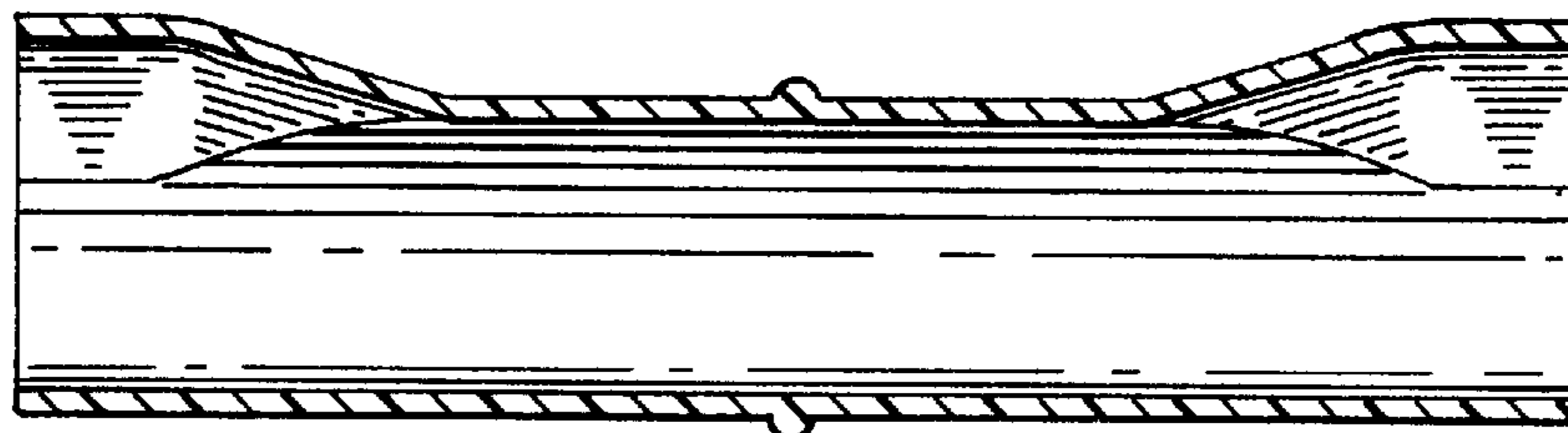
**Fig. 7**



**Fig. 13**



**Fig. 20**



**Fig. 26**



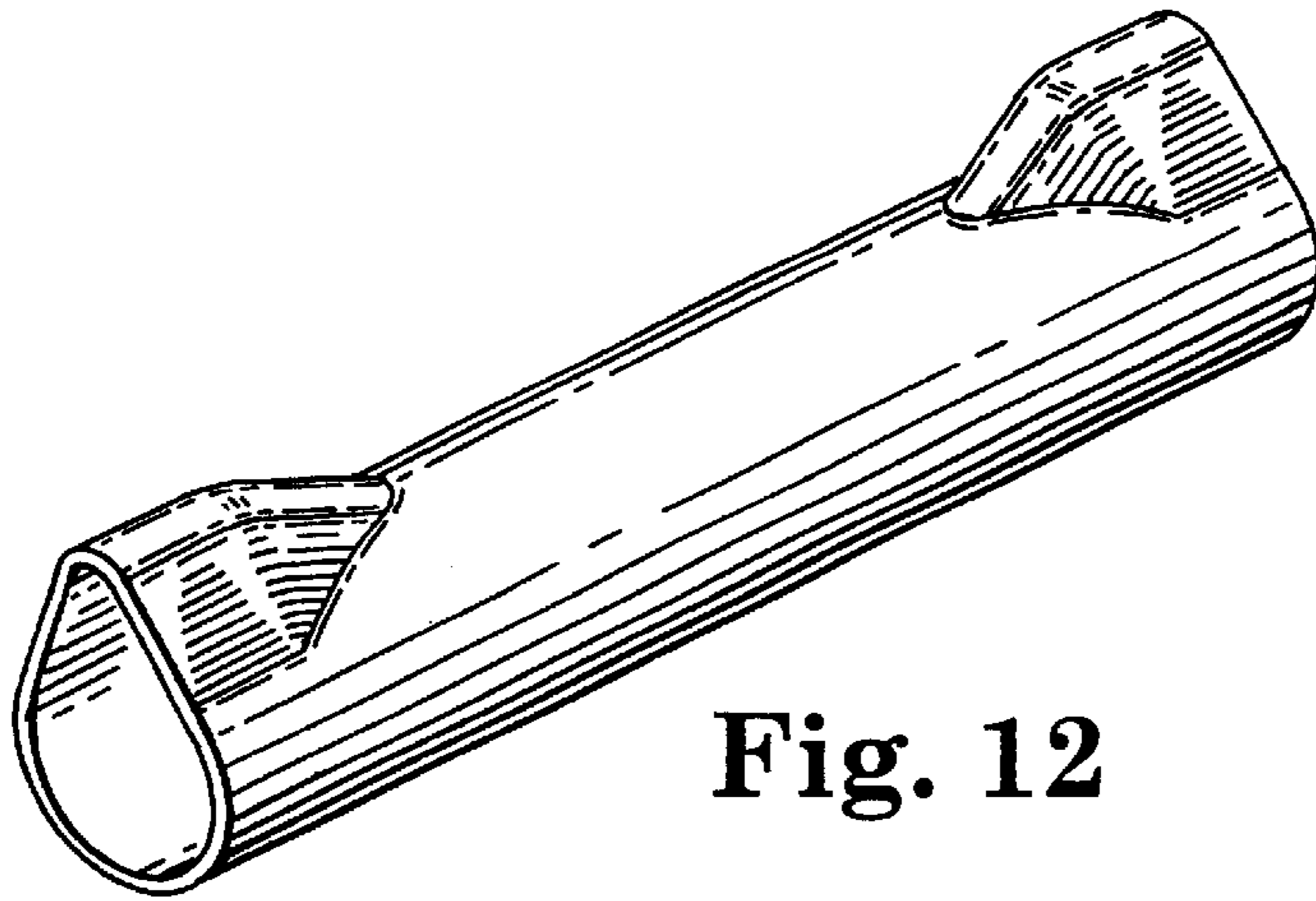


Fig. 12

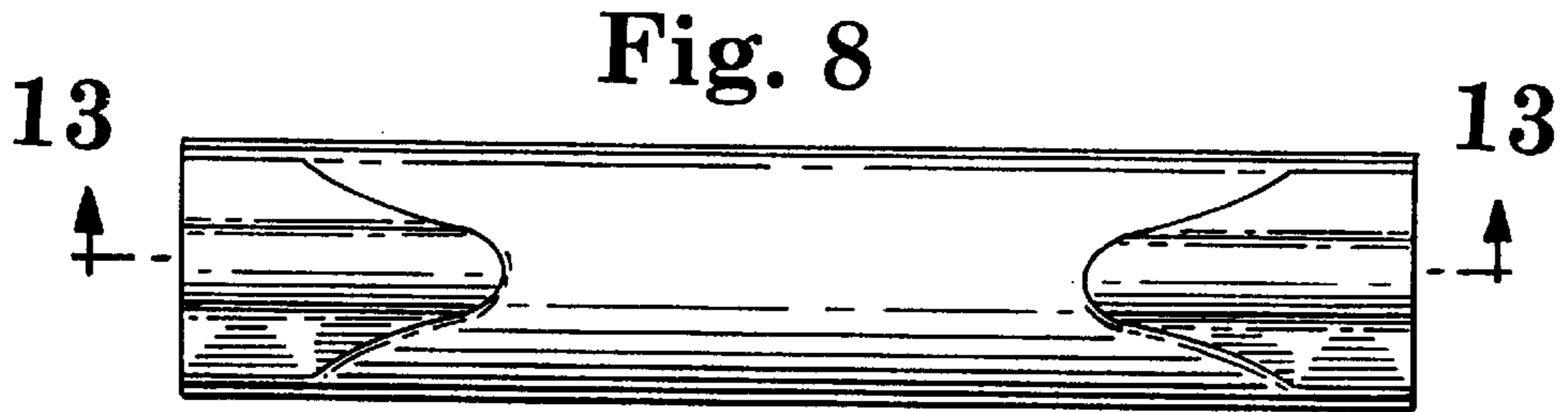


Fig. 8

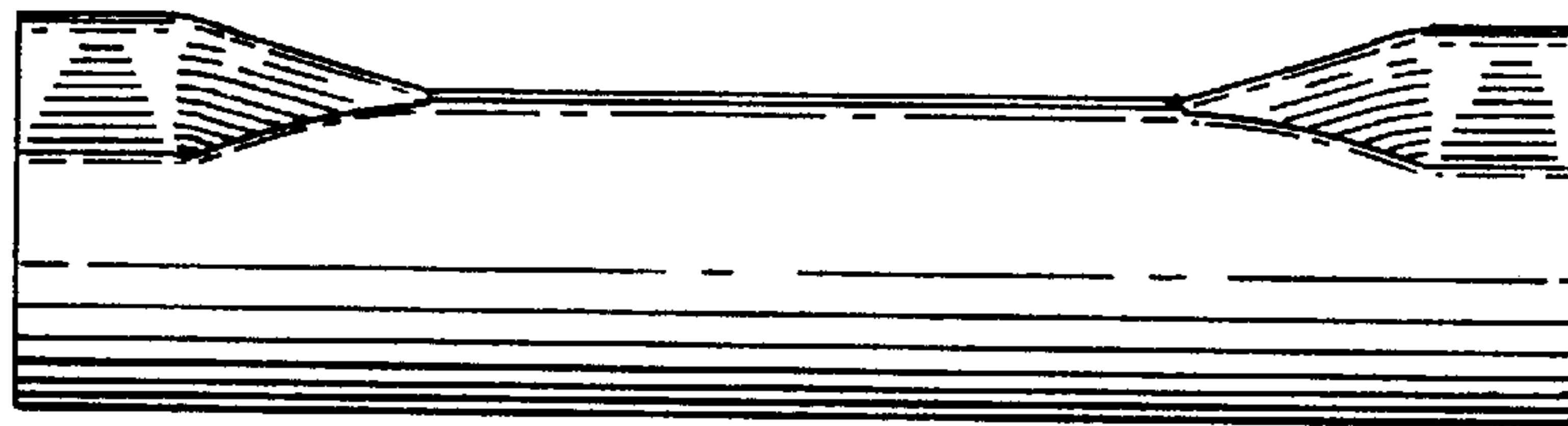


Fig. 11

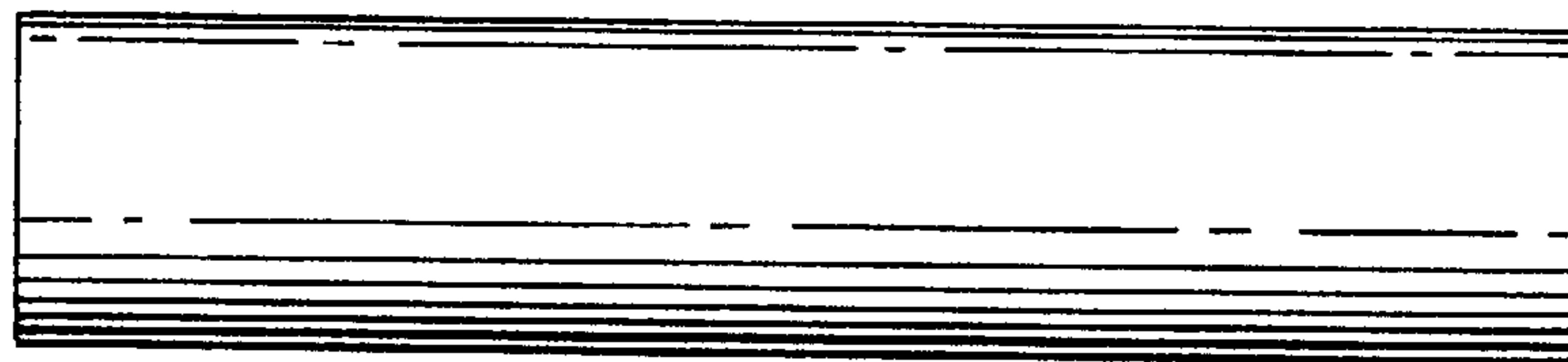


Fig. 9

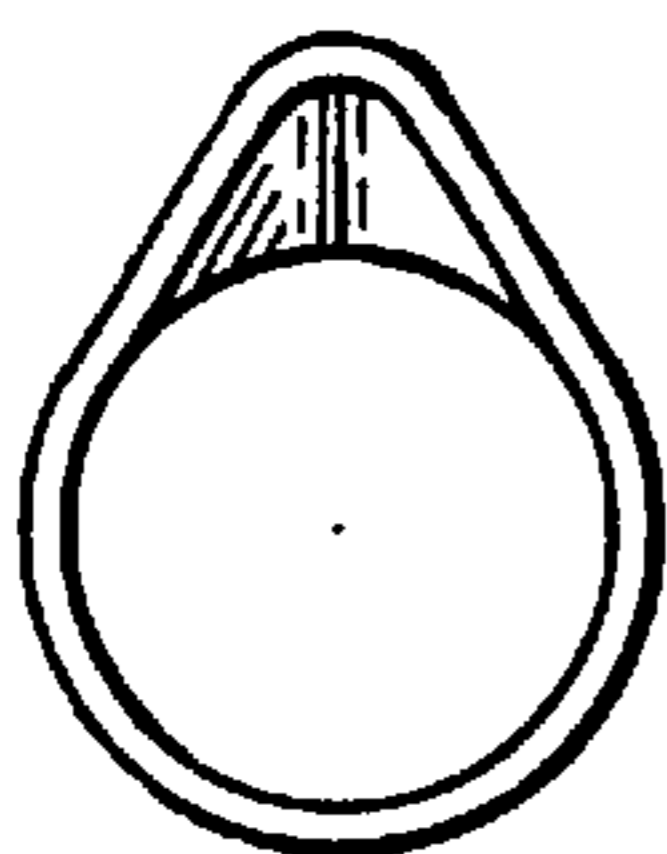


Fig. 10

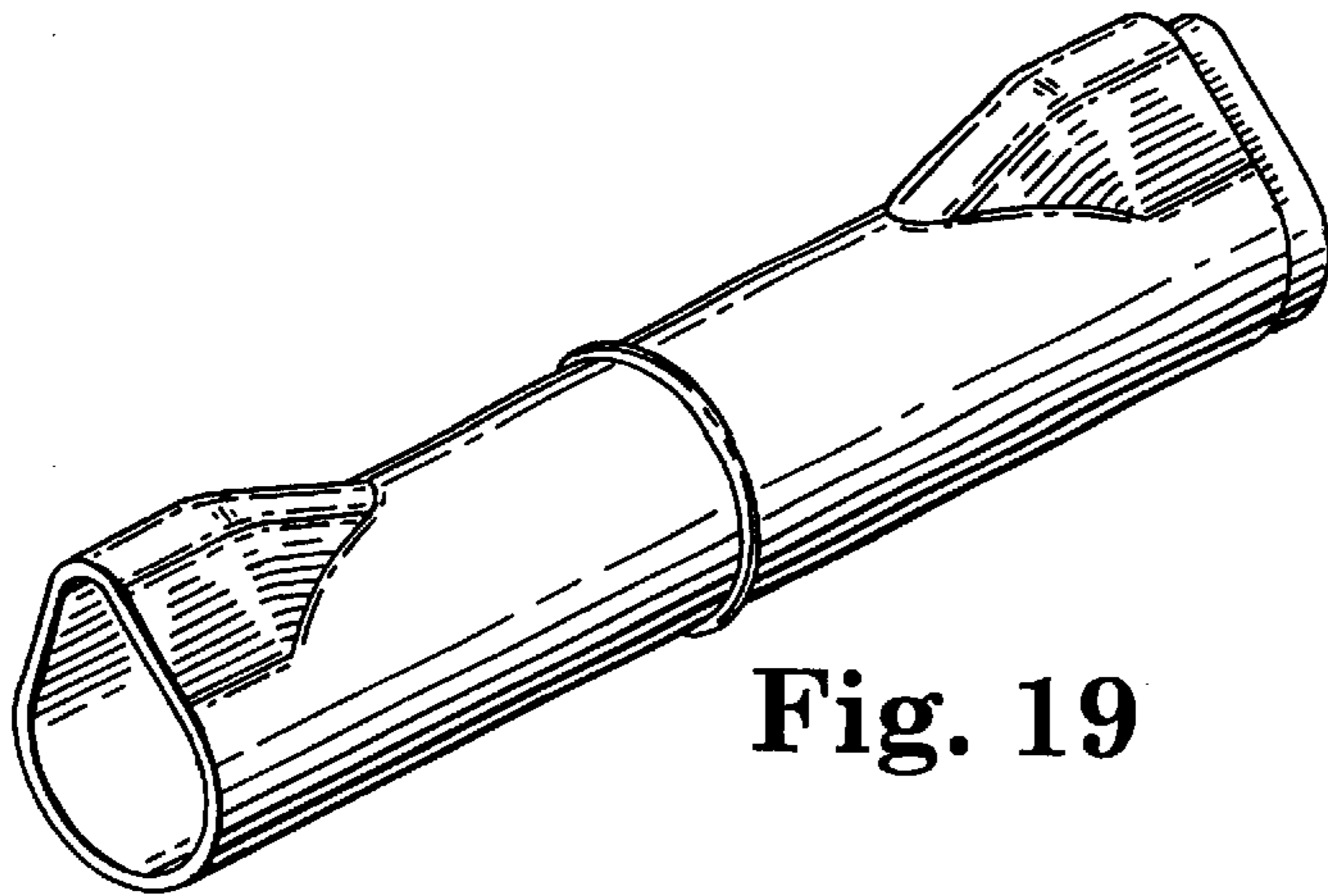


Fig. 19

Fig. 14

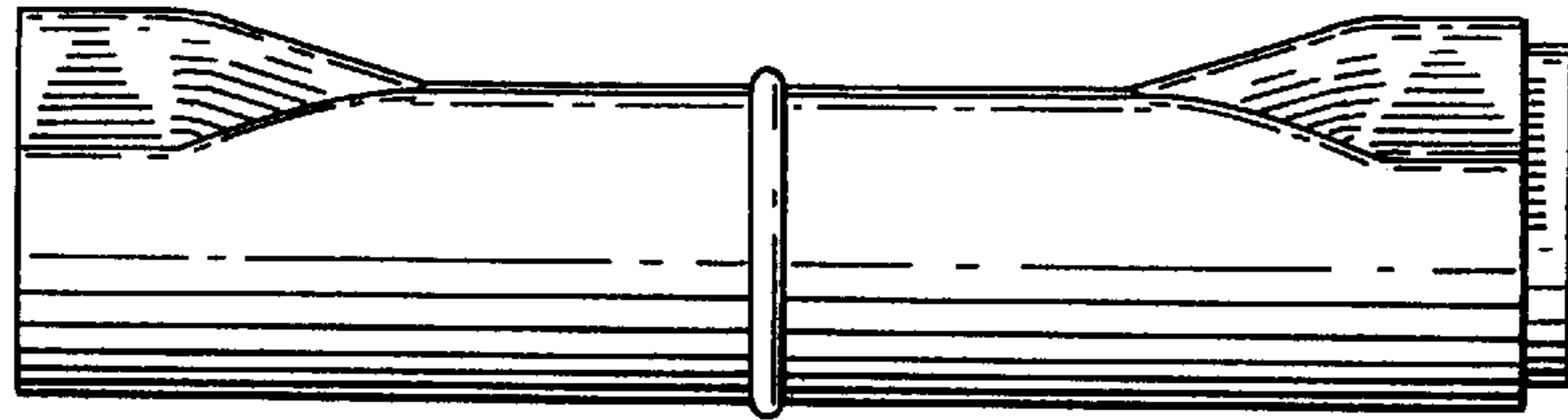
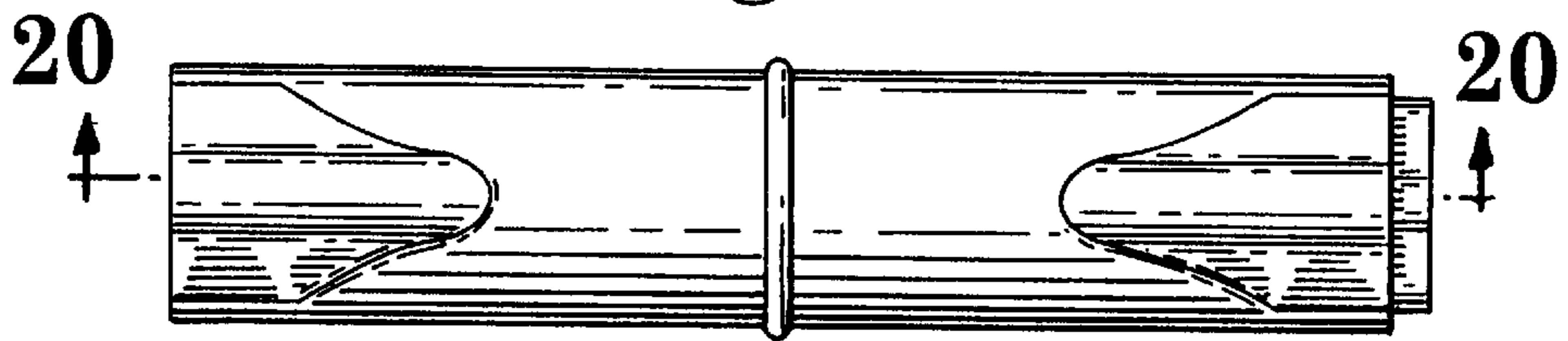


Fig. 18

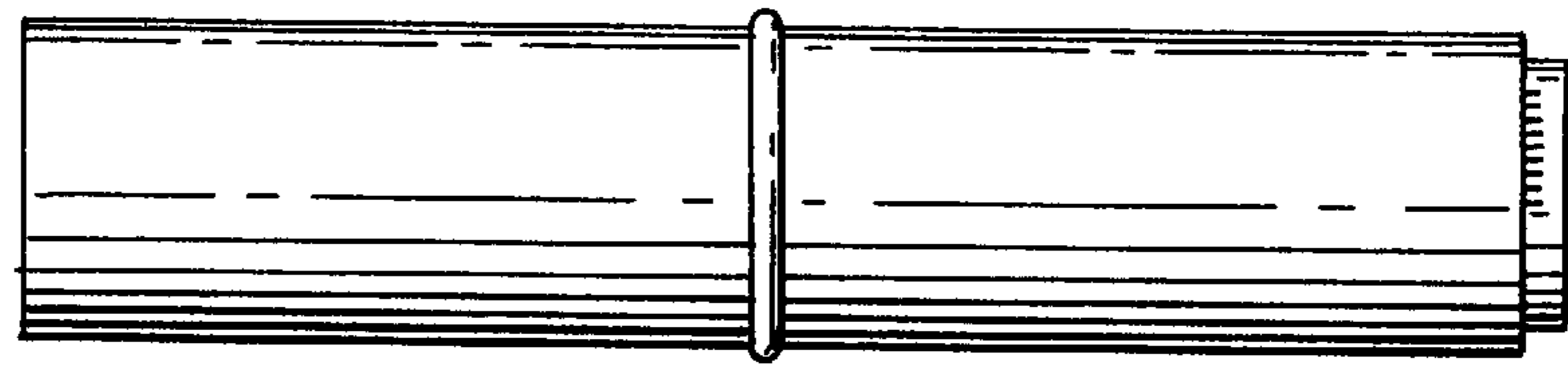


Fig. 15

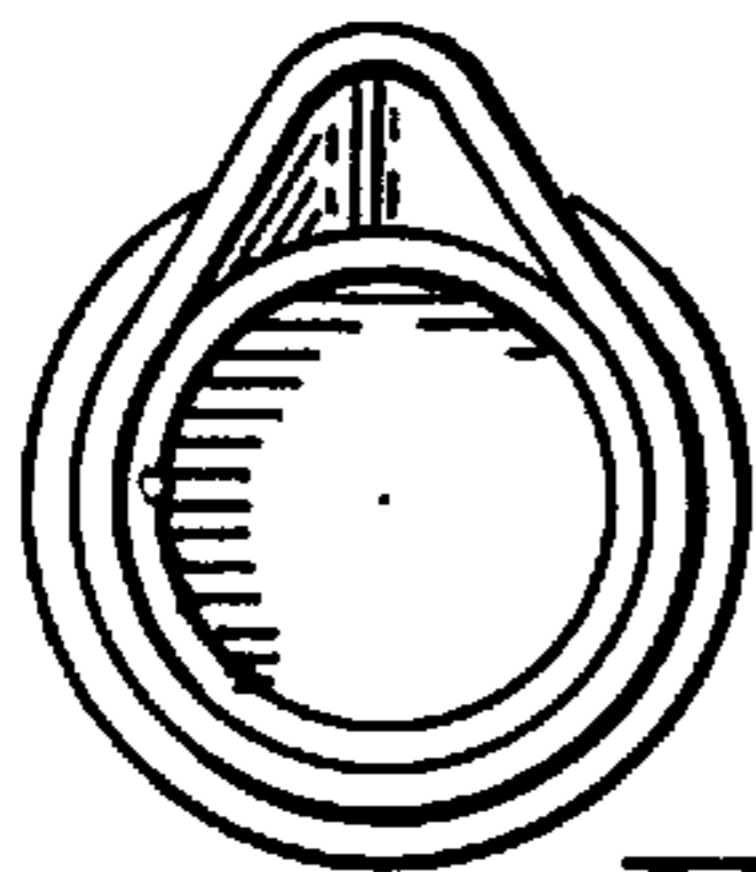


Fig. 16

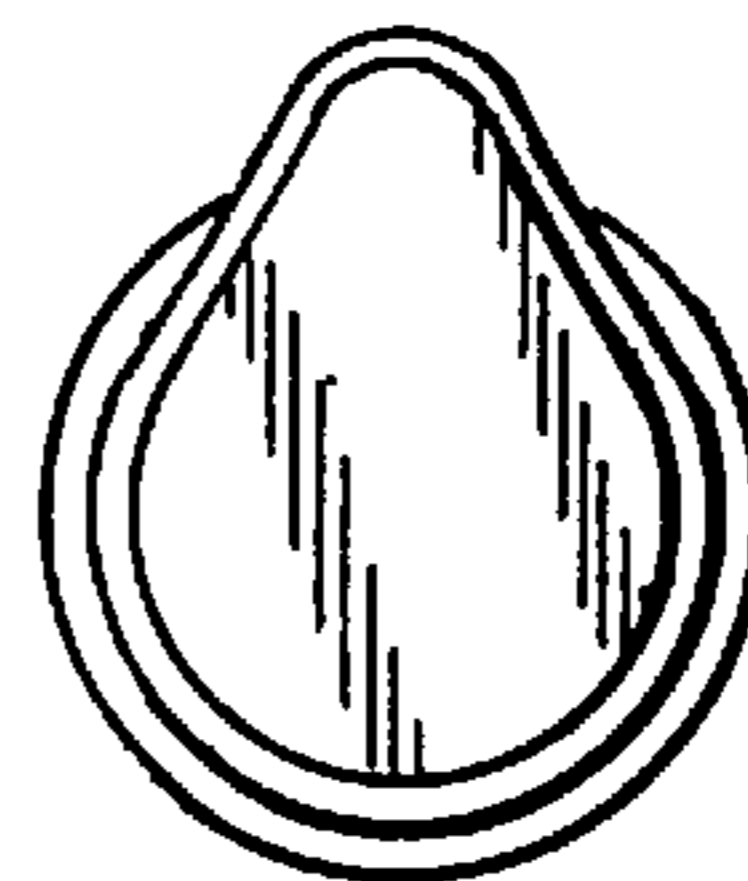


Fig. 17

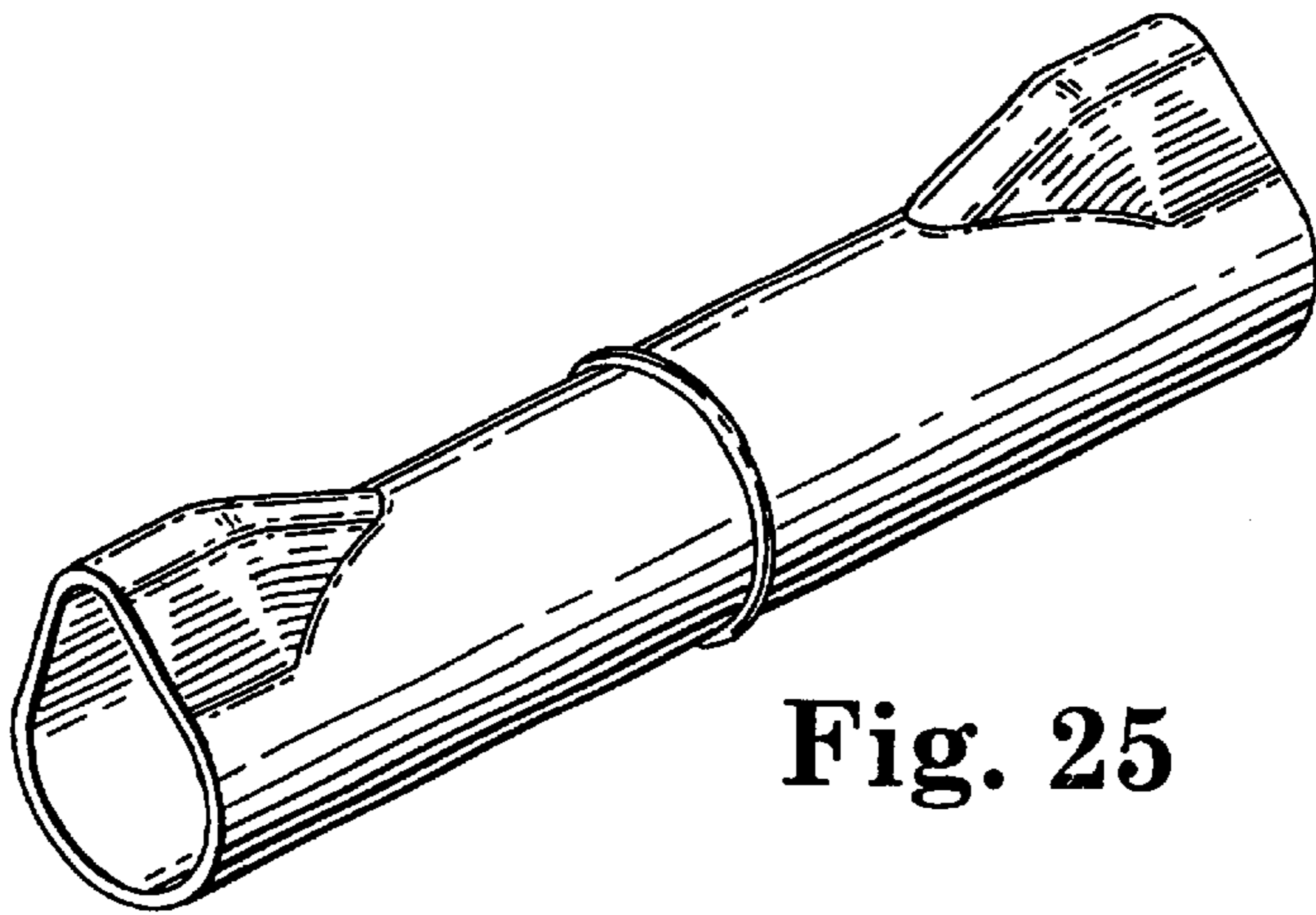


Fig. 25

Fig. 21

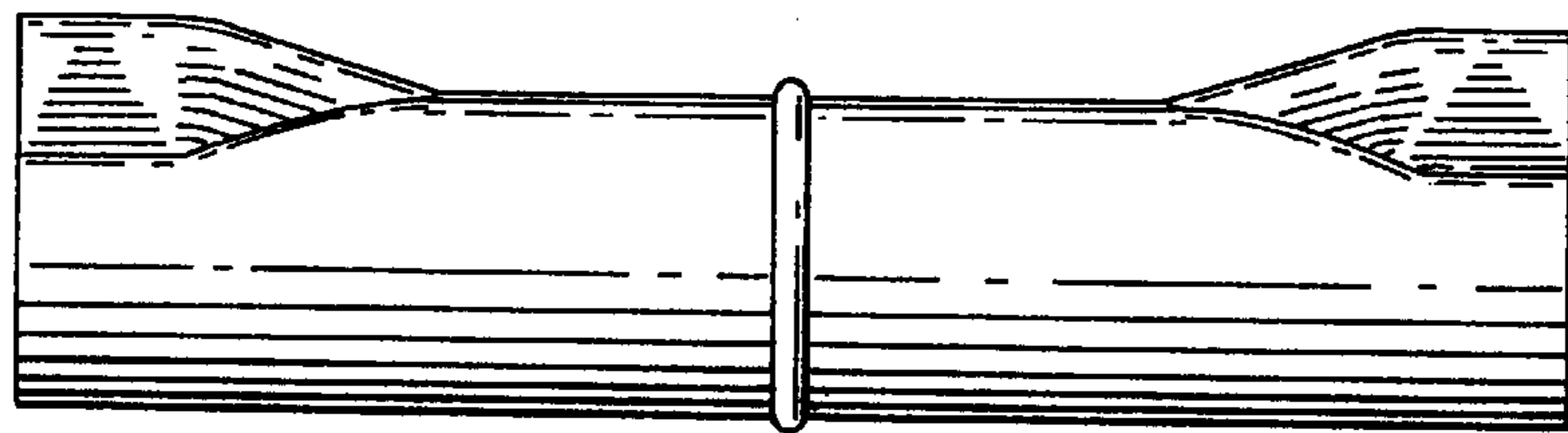
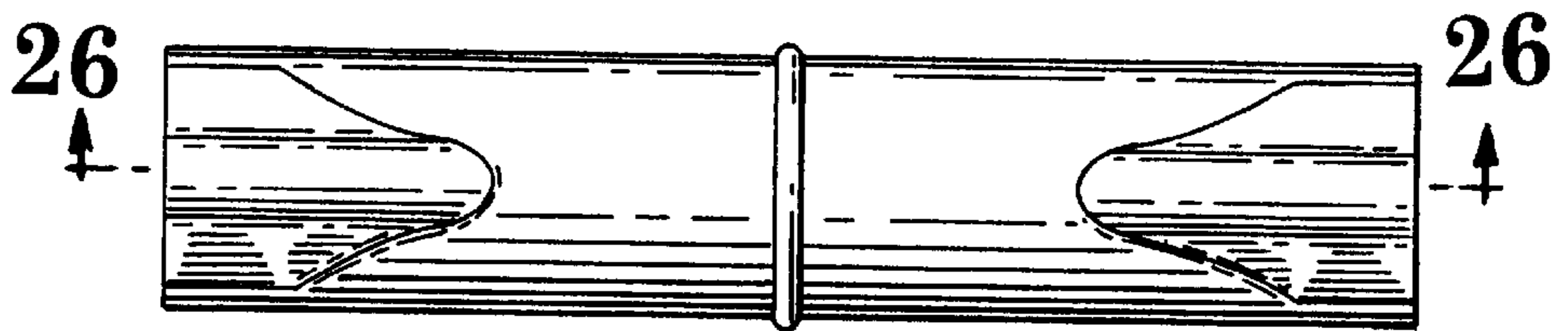


Fig. 24

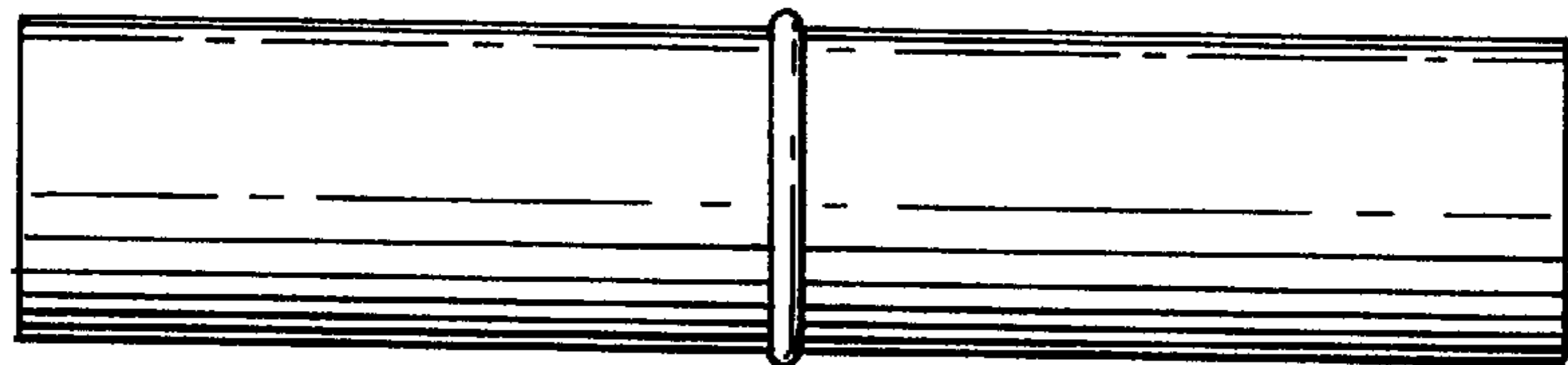


Fig. 22

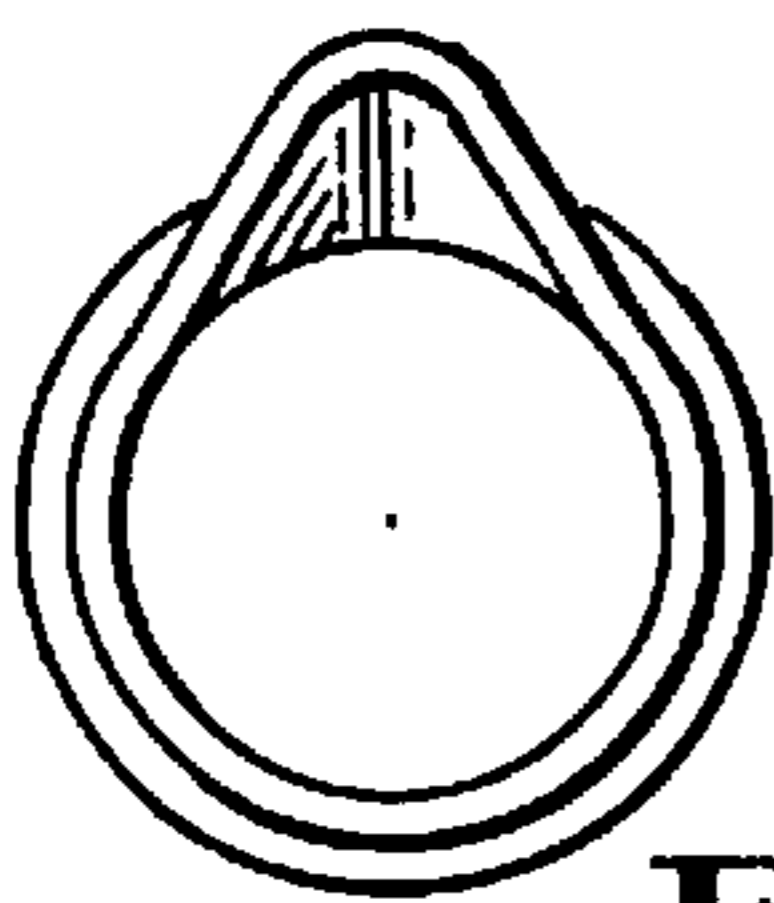


Fig. 23