



US00D374610S

United States Patent [19]

[11] Patent Number: **Des. 374,610**

Shimazu

[45] Date of Patent: ****Oct. 15, 1996**

[54] **CONNECTOR FOR FIXING A PLURALITY OF PLATES TOGETHER**

[75] Inventor: **Toshito Shimazu**, Yokohama, Japan

[73] Assignee: **NIFCO Inc.**, Kanagawa-ken, Japan

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

[21] Appl. No.: **42,693**

[22] Filed: **Aug. 15, 1995**

[52] U.S. Cl. **D8/382**

[58] Field of Search D8/382; 411/41, 411/45, 48

[56] **References Cited**

U.S. PATENT DOCUMENTS

D. 355,113 2/1995 Shimajiri D8/382
5,163,795 11/1992 Benoit et al. 411/45

OTHER PUBLICATIONS

Engineered fasteners, p. 10 fastener # 36.
Richo Plastic Co. brochure, front page, fastener.

Primary Examiner—Terry A. Wallace
Attorney, Agent, or Firm—Sughrue, Mion, Zinn Macpeak & Seas

[57] **CLAIM**

The ornamental design for a connector for fixing a plurality of plates together, as shown and described.

DESCRIPTION

FIG. 1 is a front elevational view of a connector for fixing a plurality of plates together showing my new design, the rear elevational view being a mirror image thereof;

FIG. 2 is a side elevational view of one side thereof, the opposite side elevational view being a mirror image thereof; FIG. 3 is a top plan view thereof; FIG. 4 is a bottom plan view thereof; FIG. 5 is a sectional view taken along the line 5—5 in FIG. 3; FIG. 6 is a sectional view taken along the lines 6—6 in FIG. 3; FIG. 7 is a front elevational view of the body part of the connector, the rear elevational view being a mirror image thereof; FIG. 8 is a side elevational view of one side of FIG. 7, the opposite side elevational view being a mirror image thereof; FIG. 9 is a top plan view of FIG. 7; FIG. 10 is a bottom plan view of FIG. 7; FIG. 11 is a sectional view taken along the line 11—11 in FIG. 9; FIG. 12 is a sectional view taken along the line 12—12 in FIG. 9; FIG. 13 is a sectional view taken along the line 13—13 in FIG. 7; FIG. 14 is a front elevational view of the pin part, the rear elevational view and opposite side elevational views being identical thereto; FIG. 15 is a top plan view of FIG. 14; FIG. 16 is a bottom plan view of FIG. 14; FIG. 17 is a sectional view taken along the line 17—17 in FIG. 16; FIG. 18 is a sectional view taken along the line 18—18 in FIG. 16; and, FIG. 19 is a front elevation view thereof with the broken lines being for illustrative purposes only and forming no part of the claimed design. The body part of the connector and the pin are shown separately in FIGS. 7—18 for clarity of illustration.

1 Claim, 6 Drawing Sheets

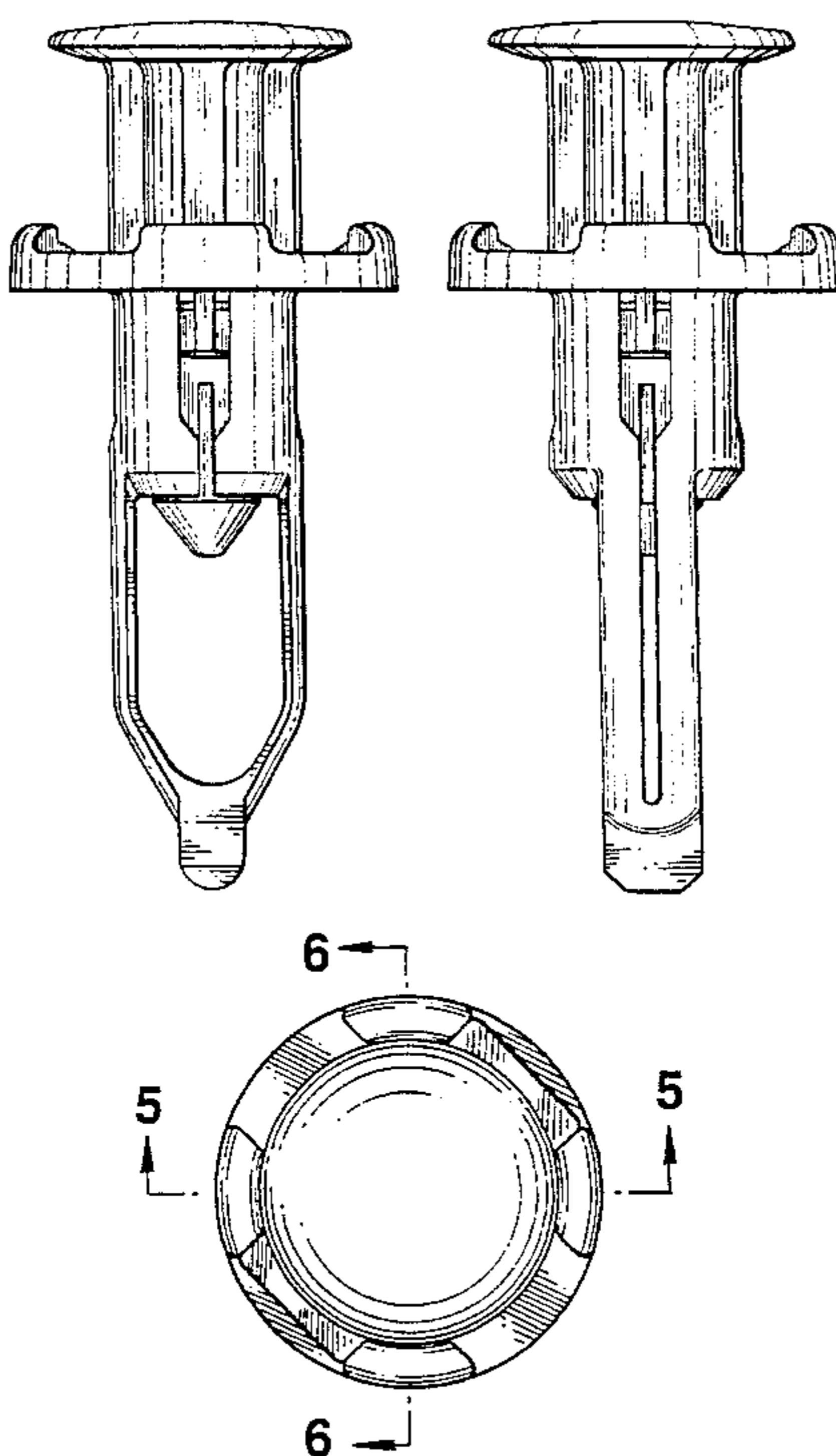


FIG. 1

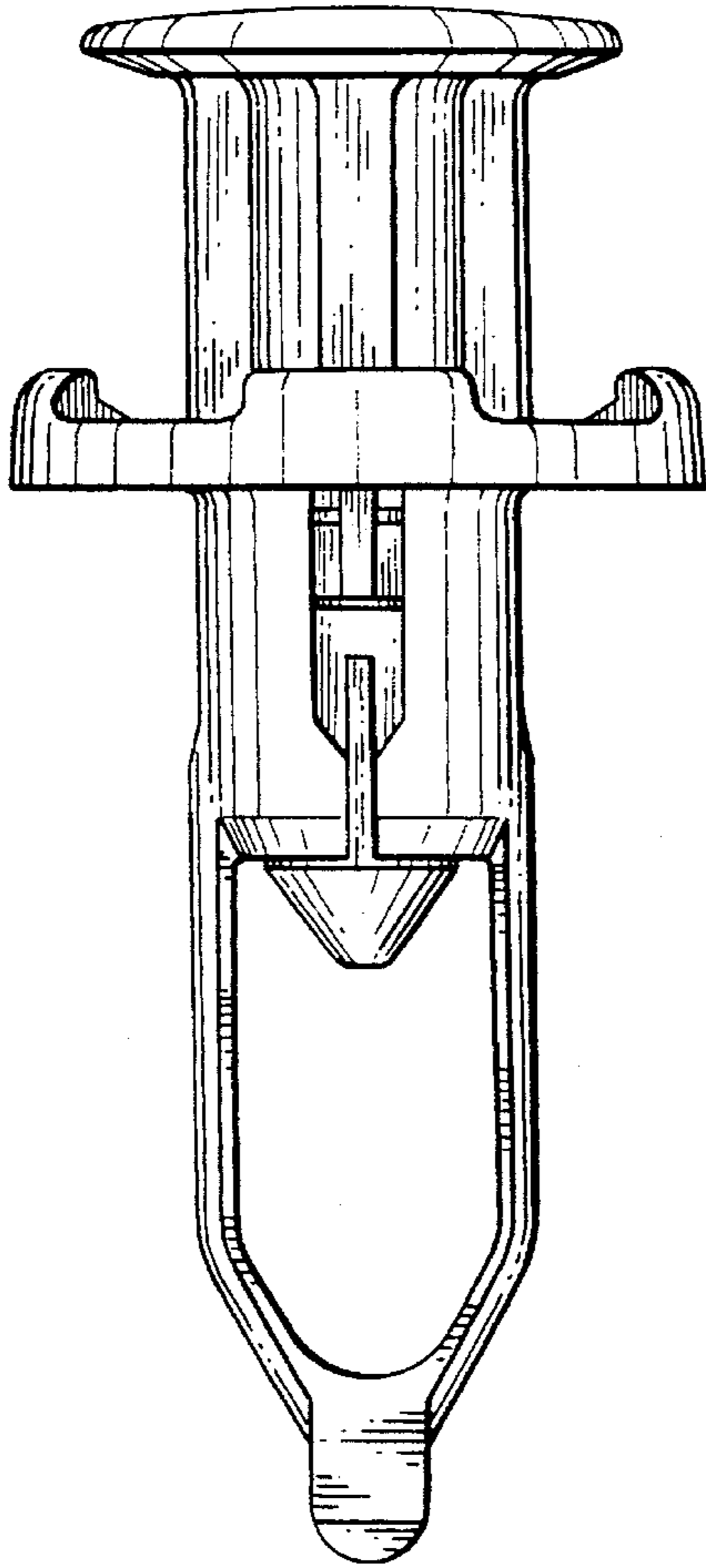


FIG. 2

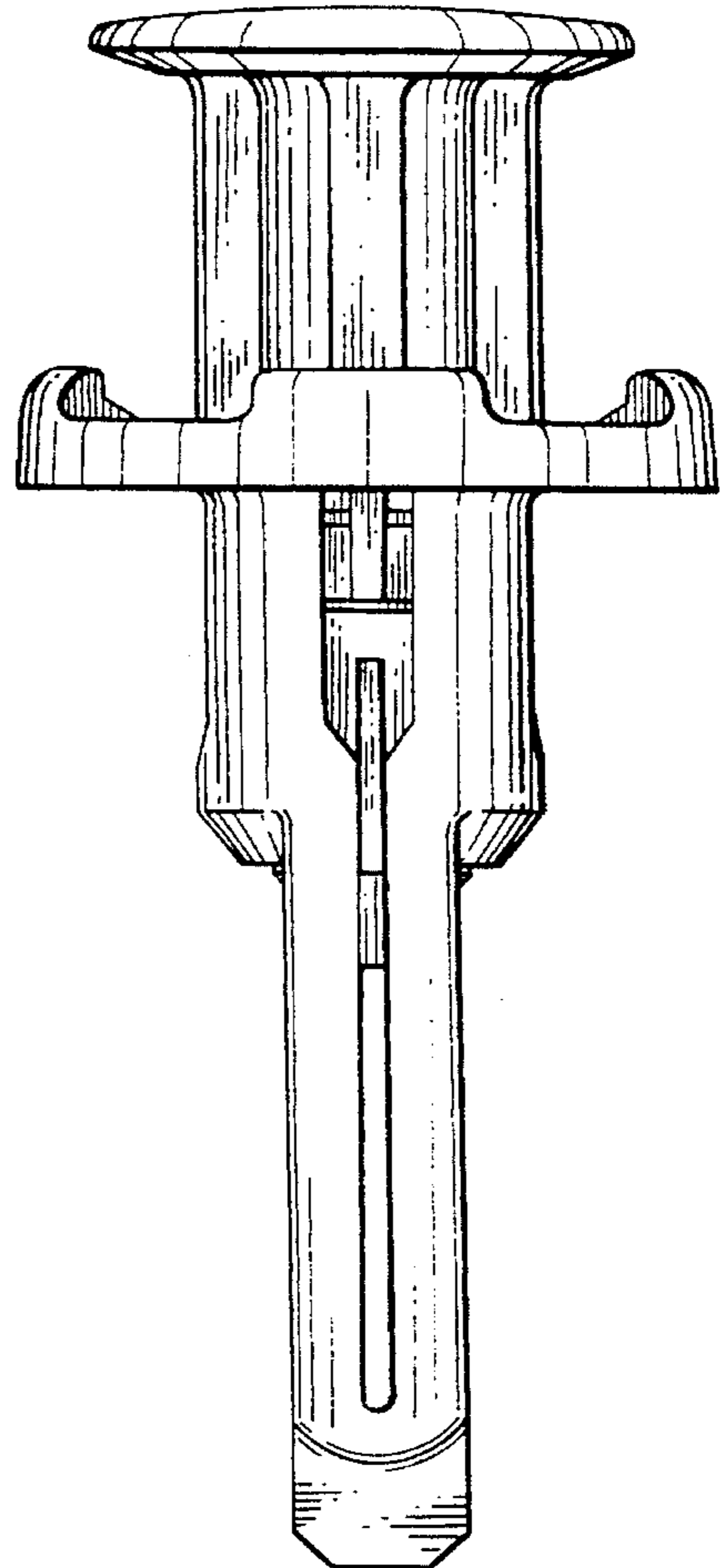


FIG. 3

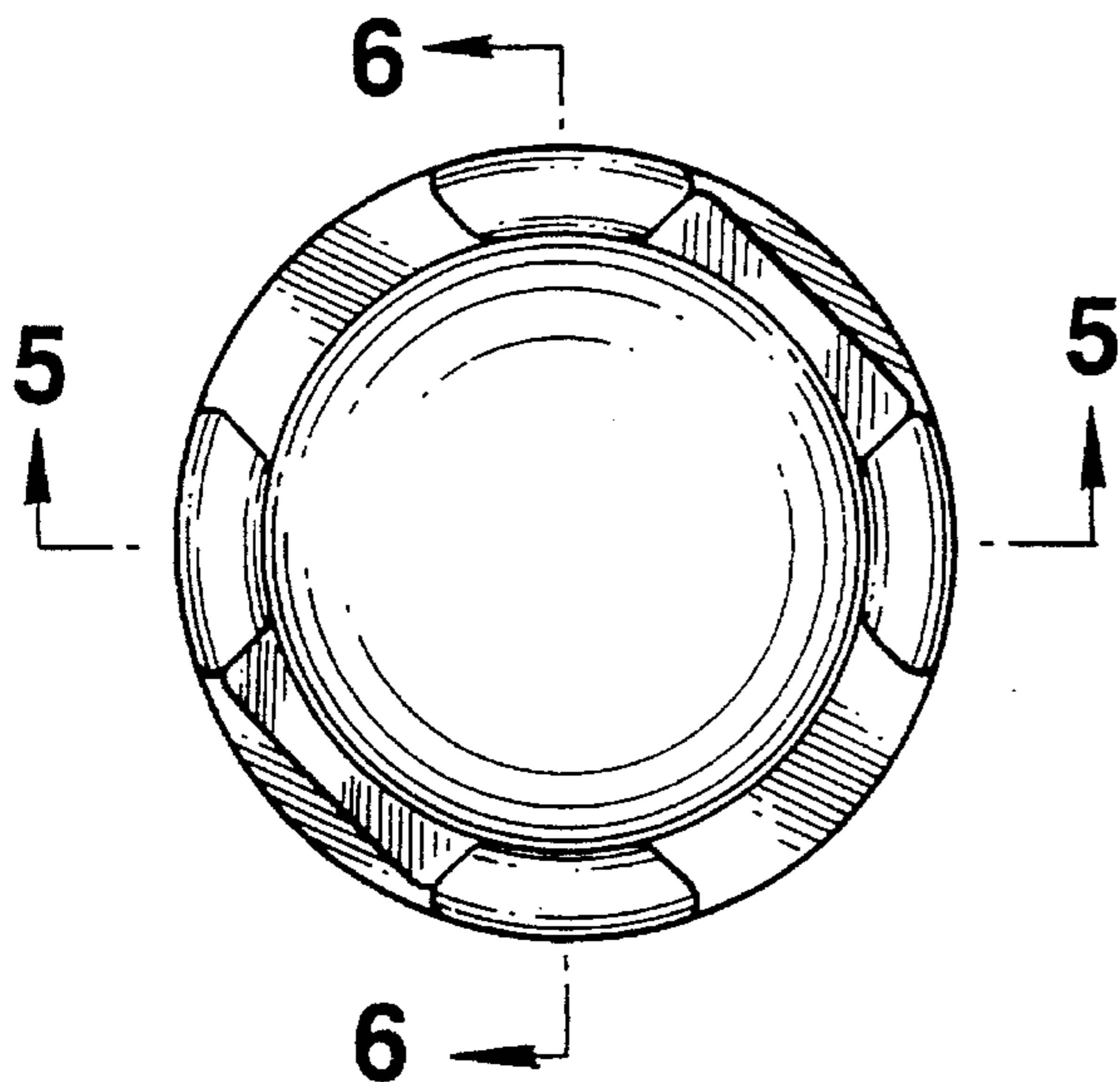


FIG. 4

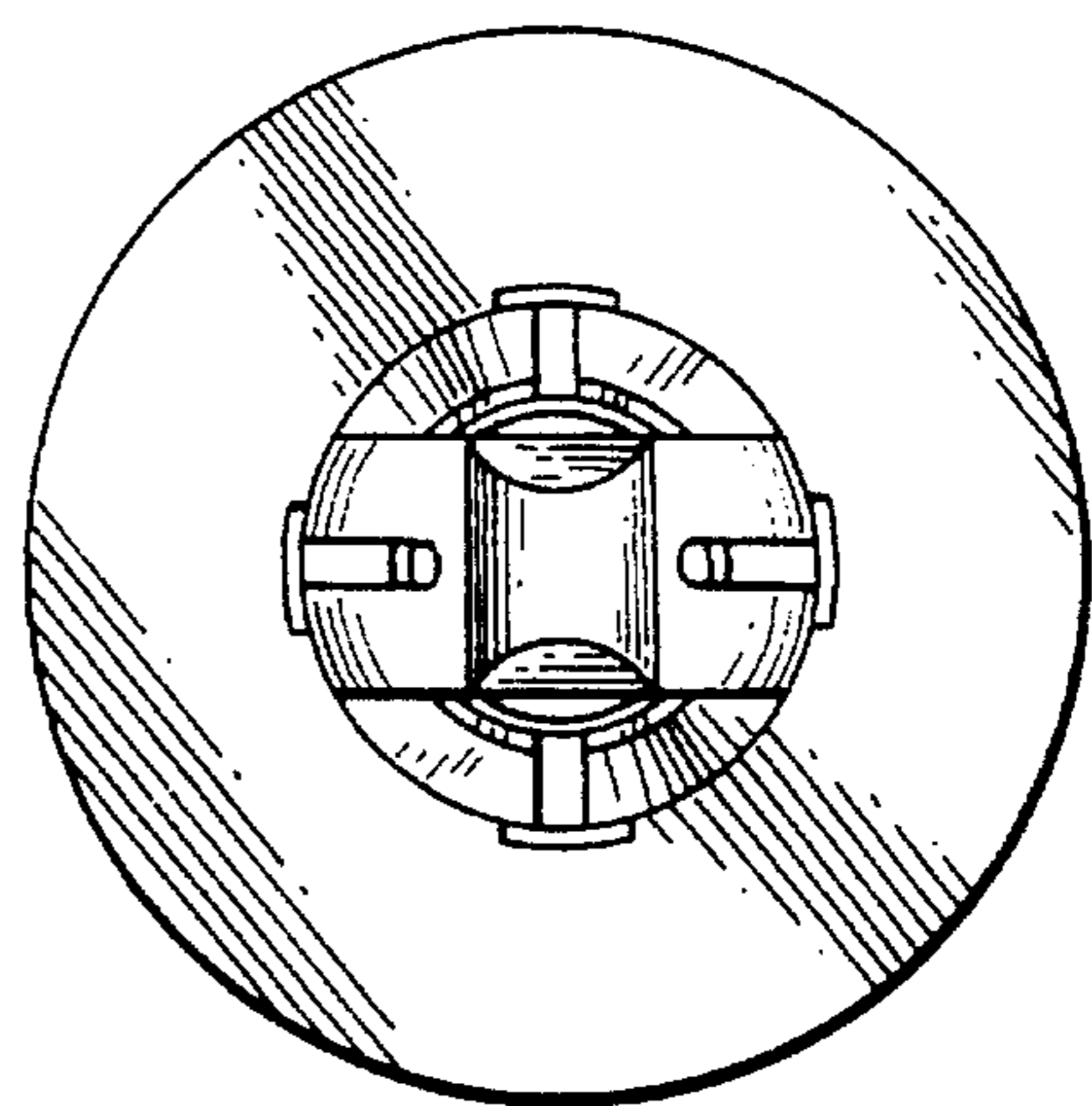


FIG. 5

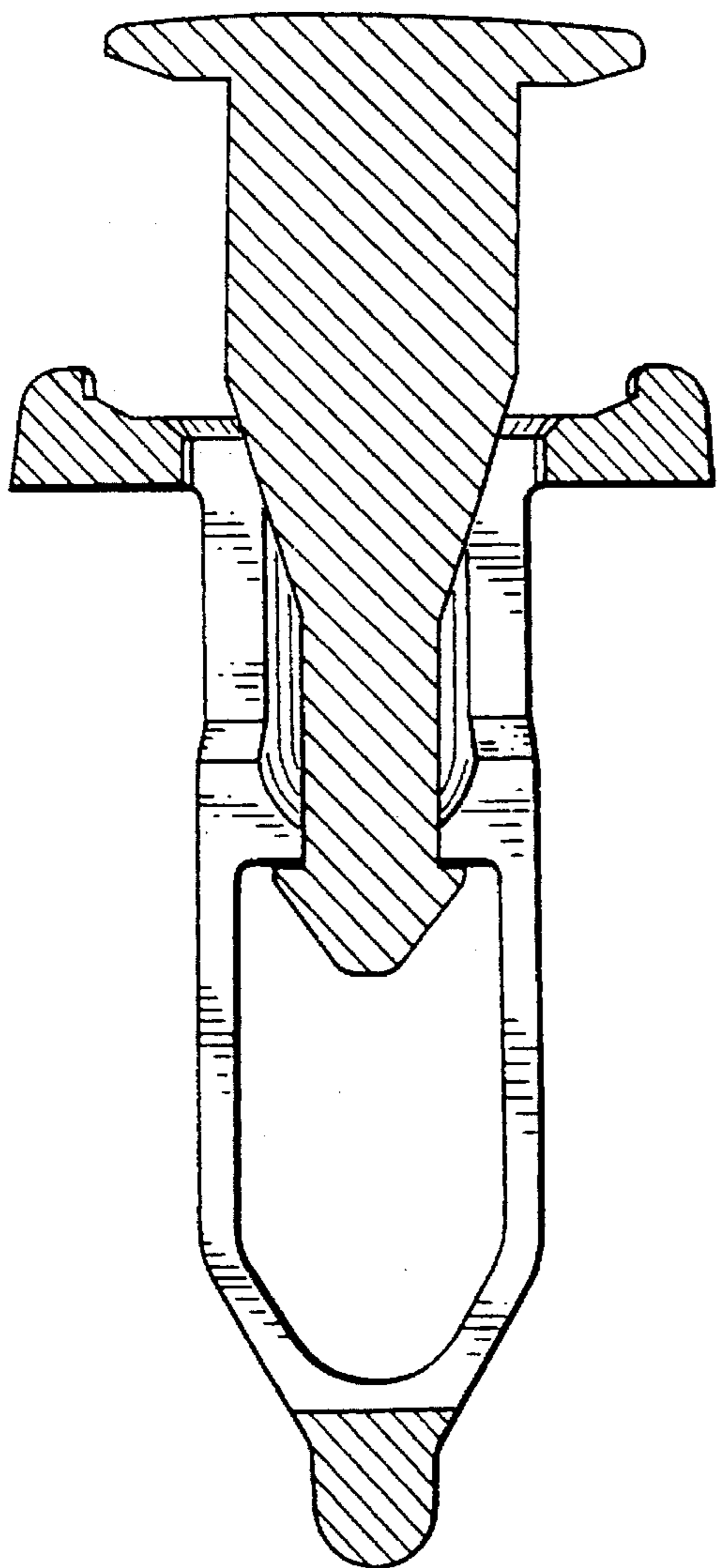


FIG. 6

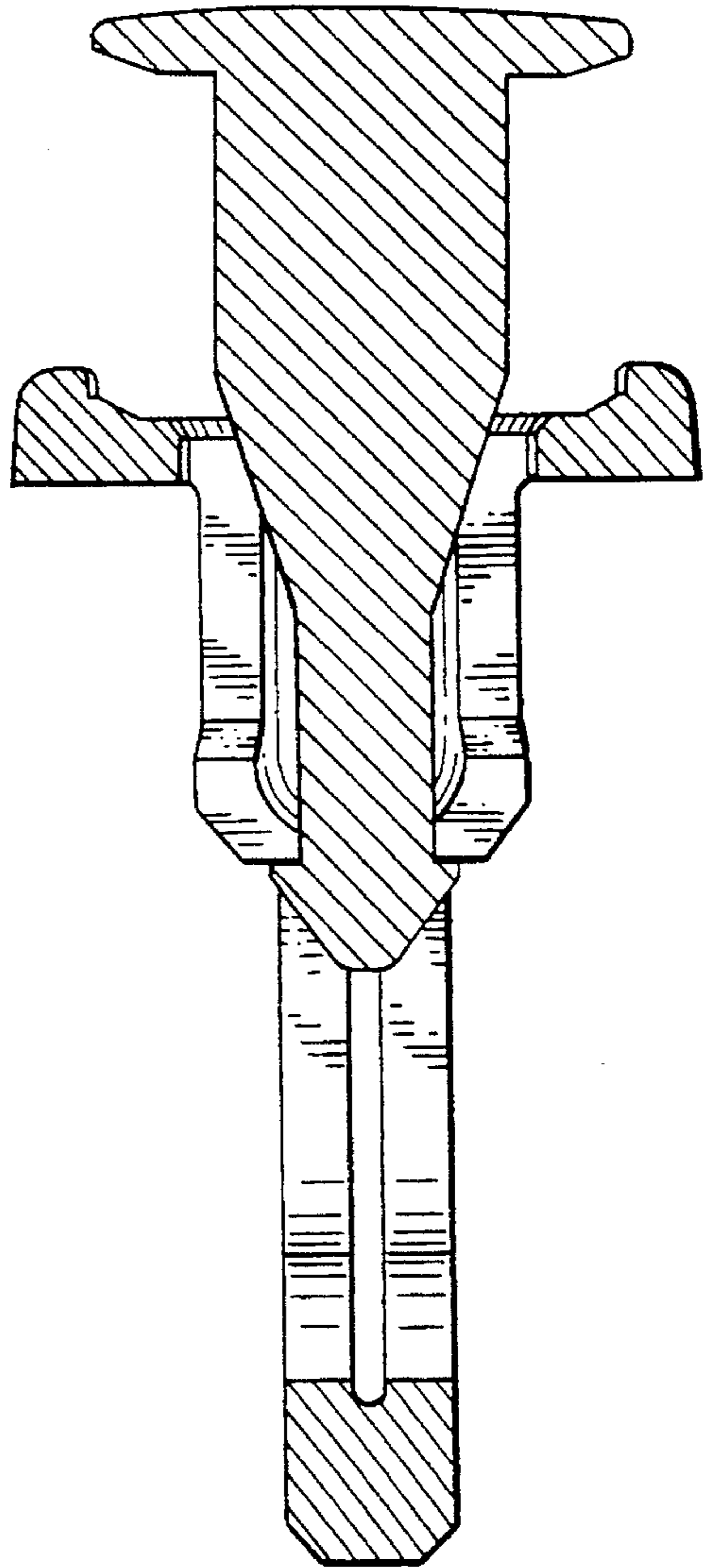


FIG. 7

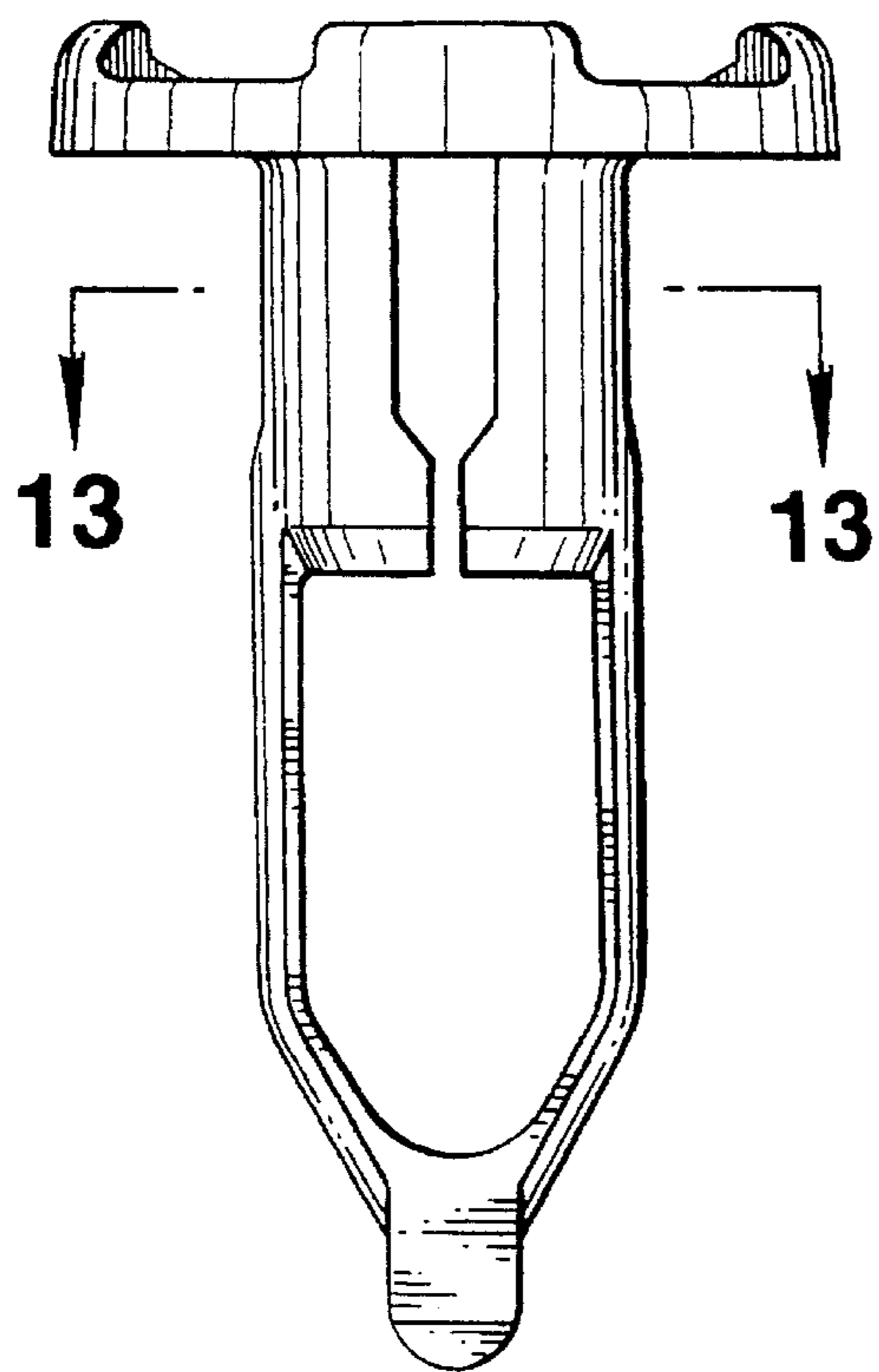


FIG. 8

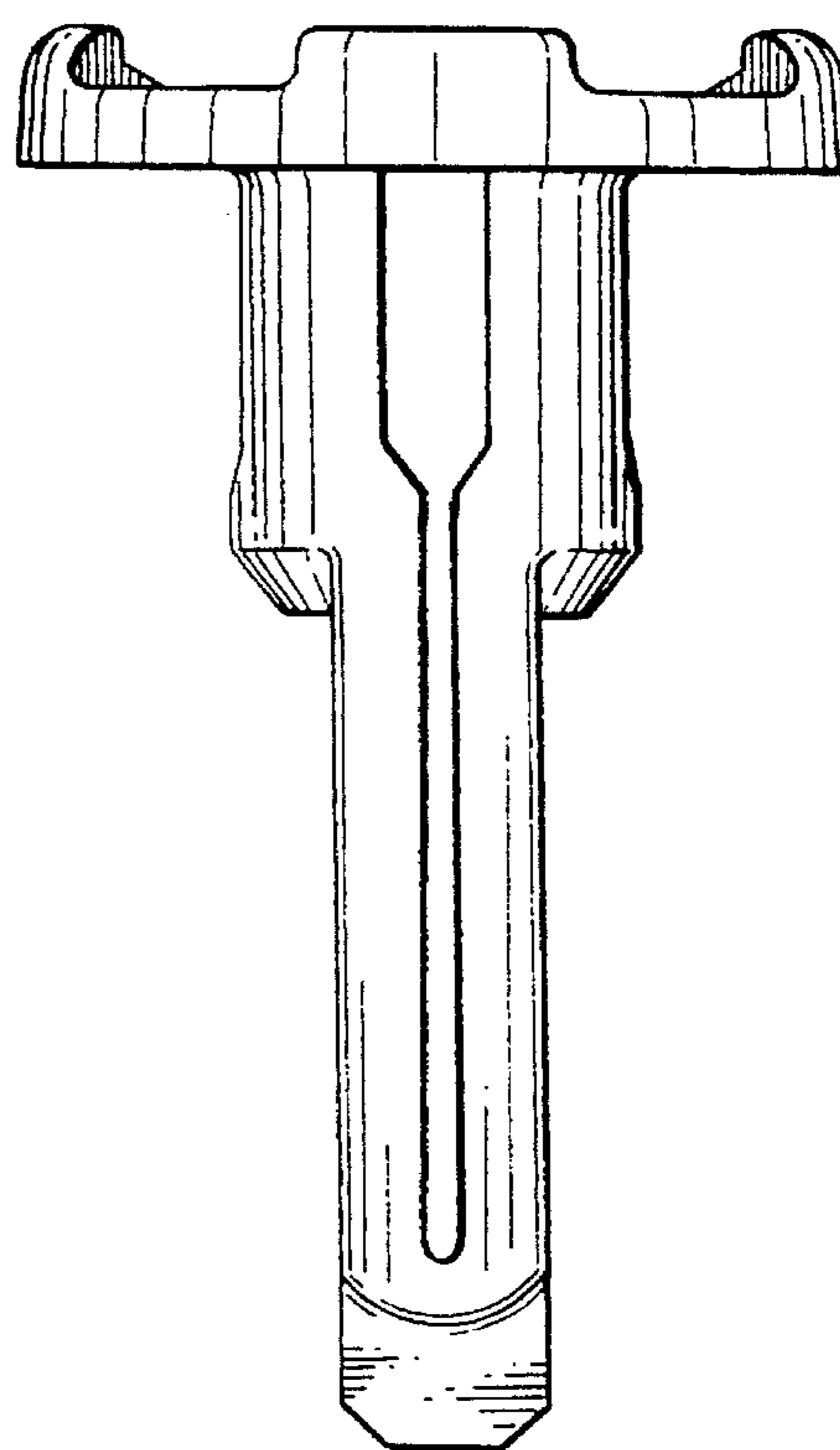


FIG. 9

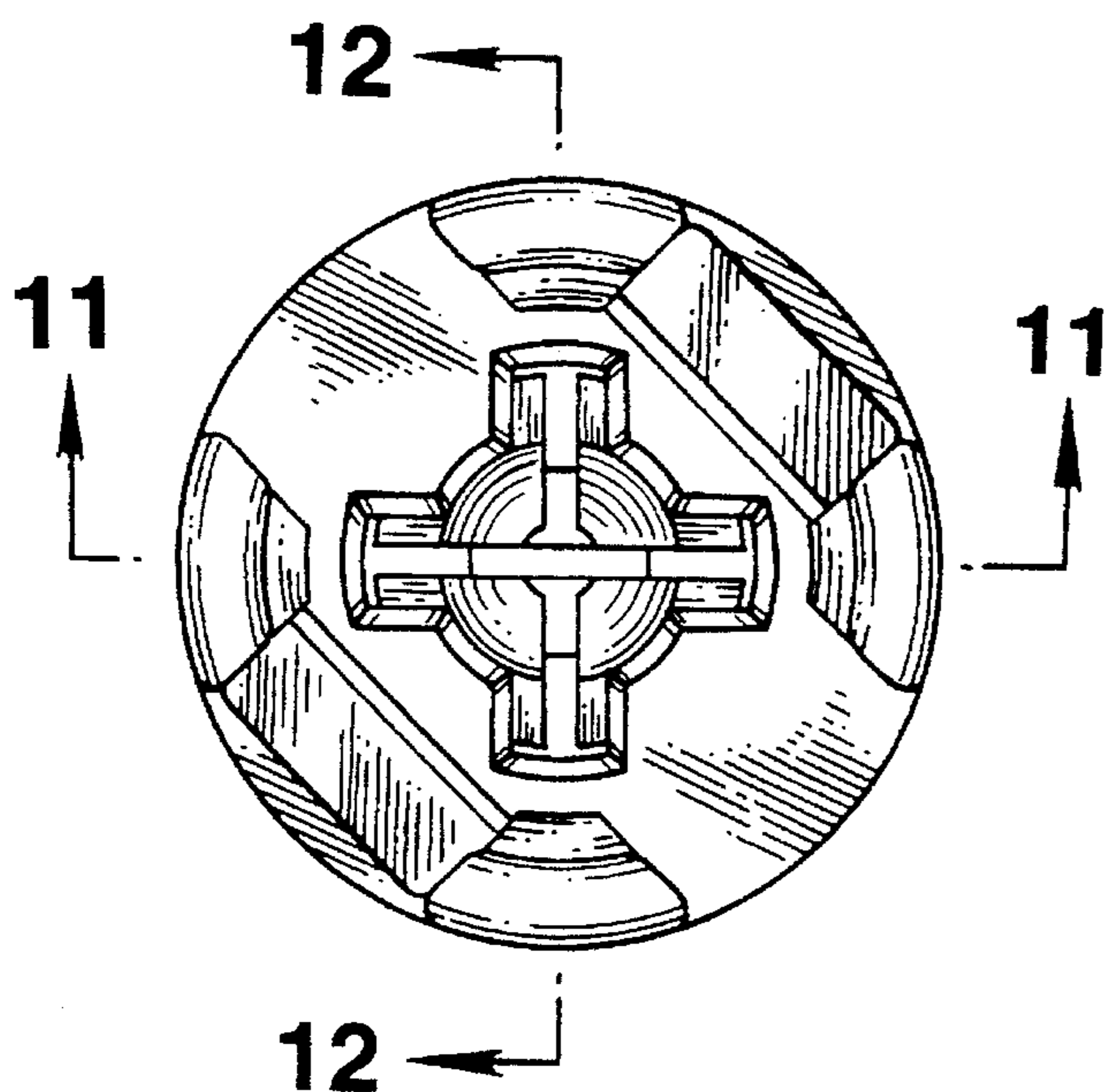


FIG. 10

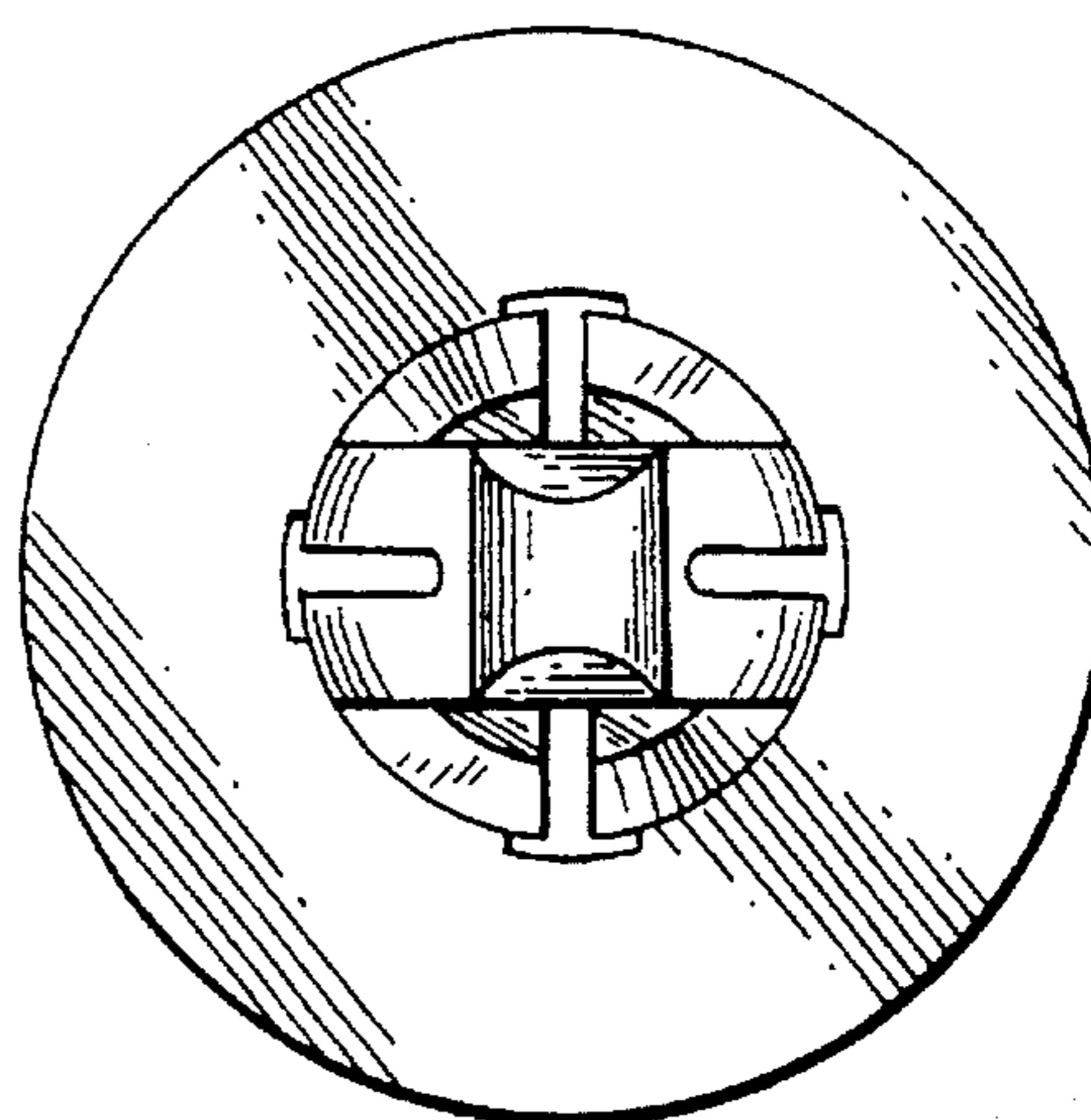


FIG.11

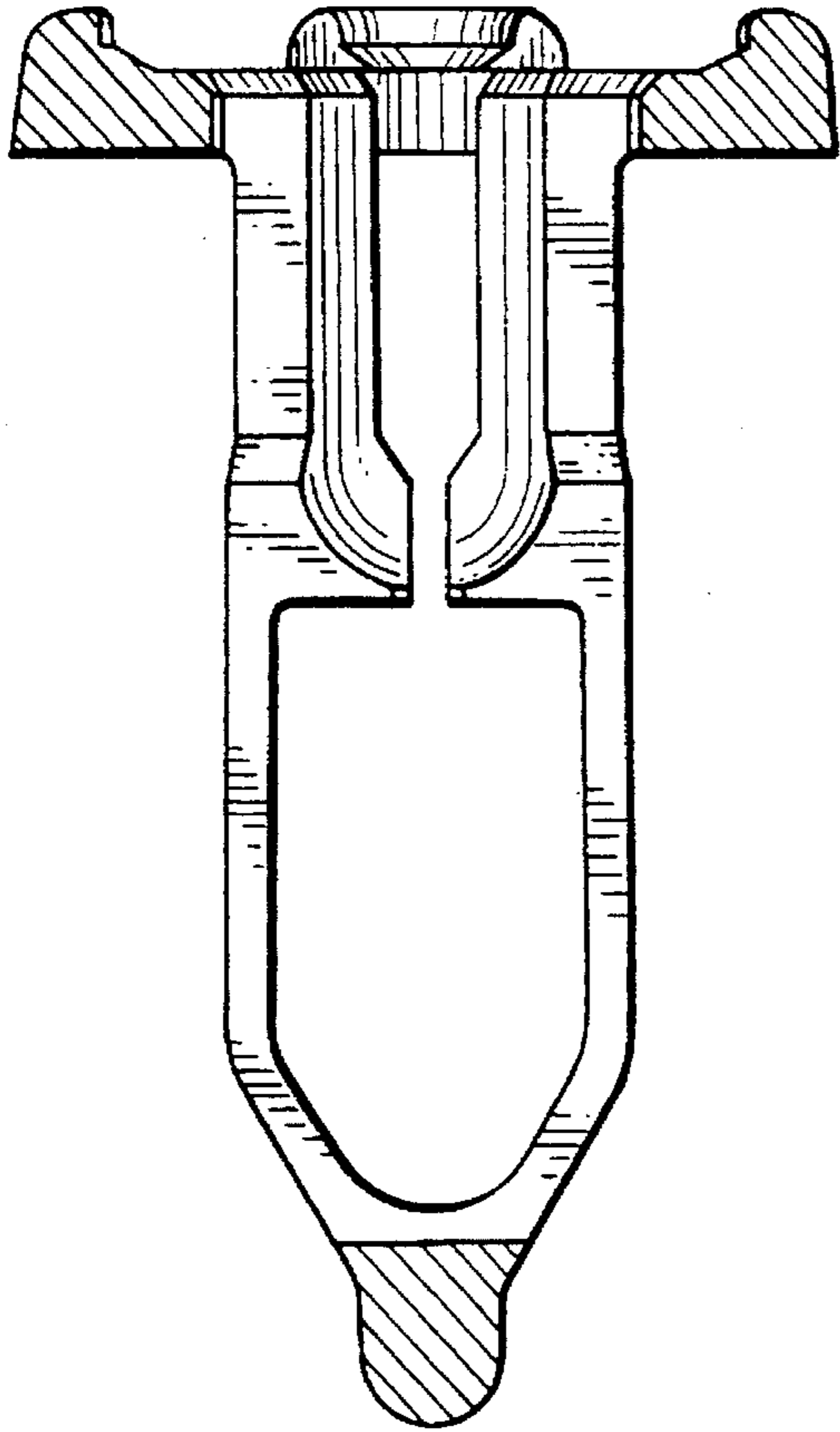


FIG.12

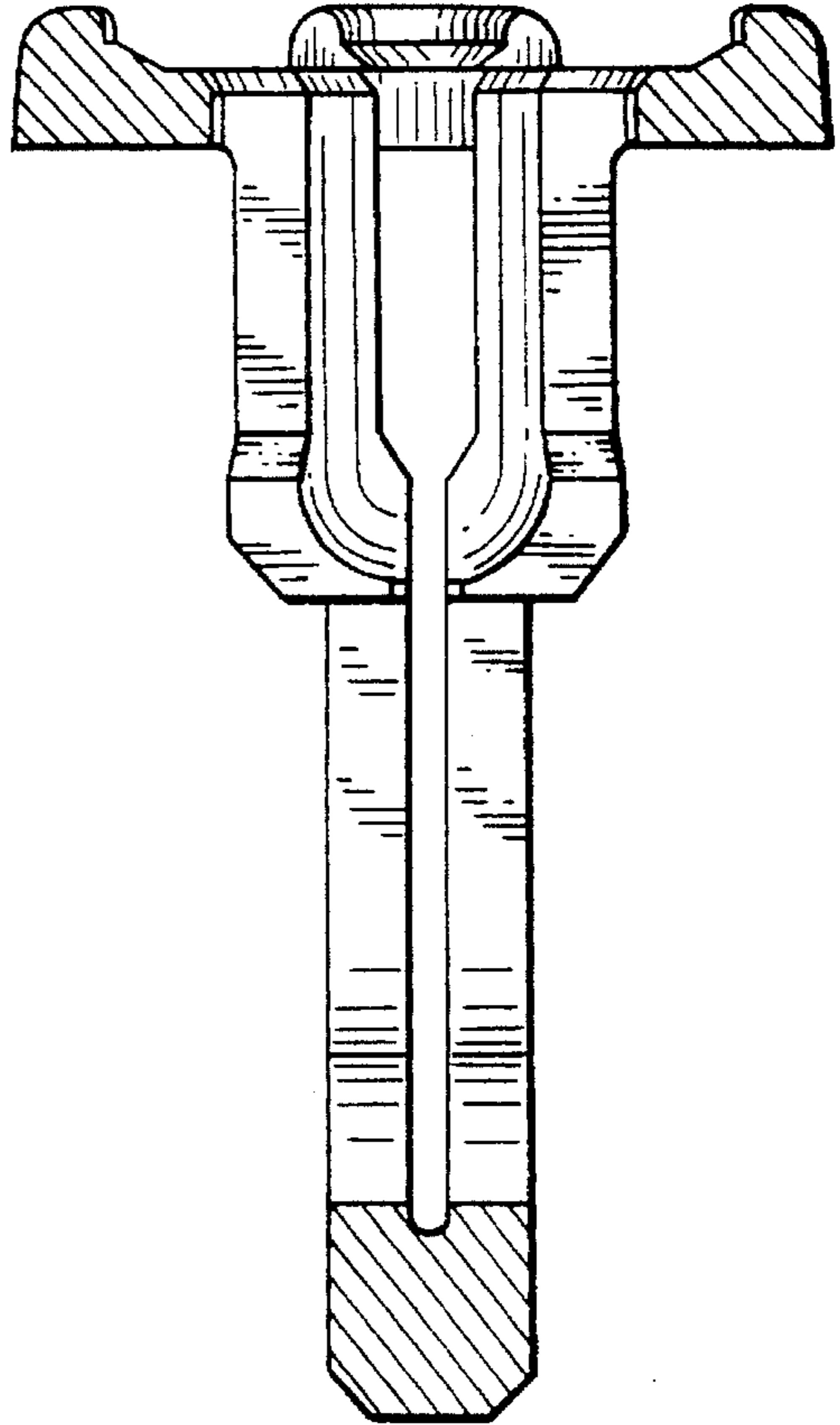


FIG.13

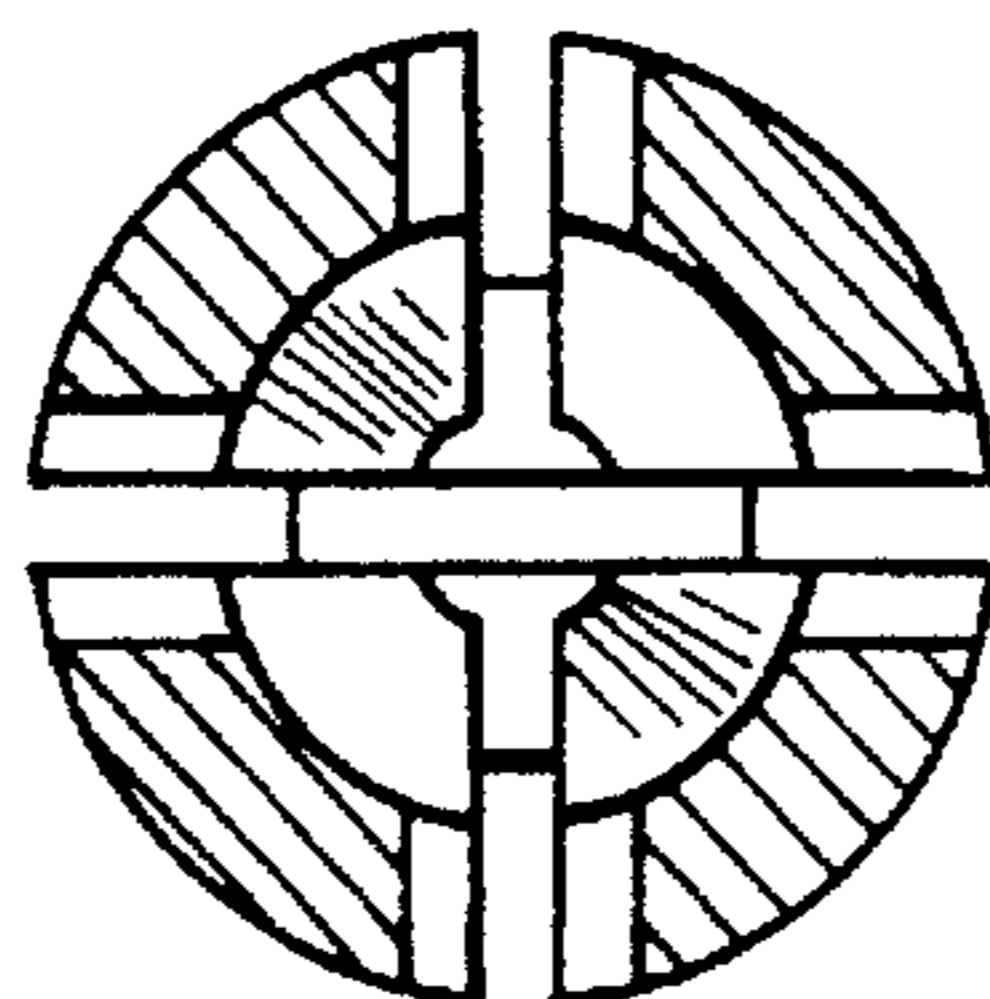


FIG.14

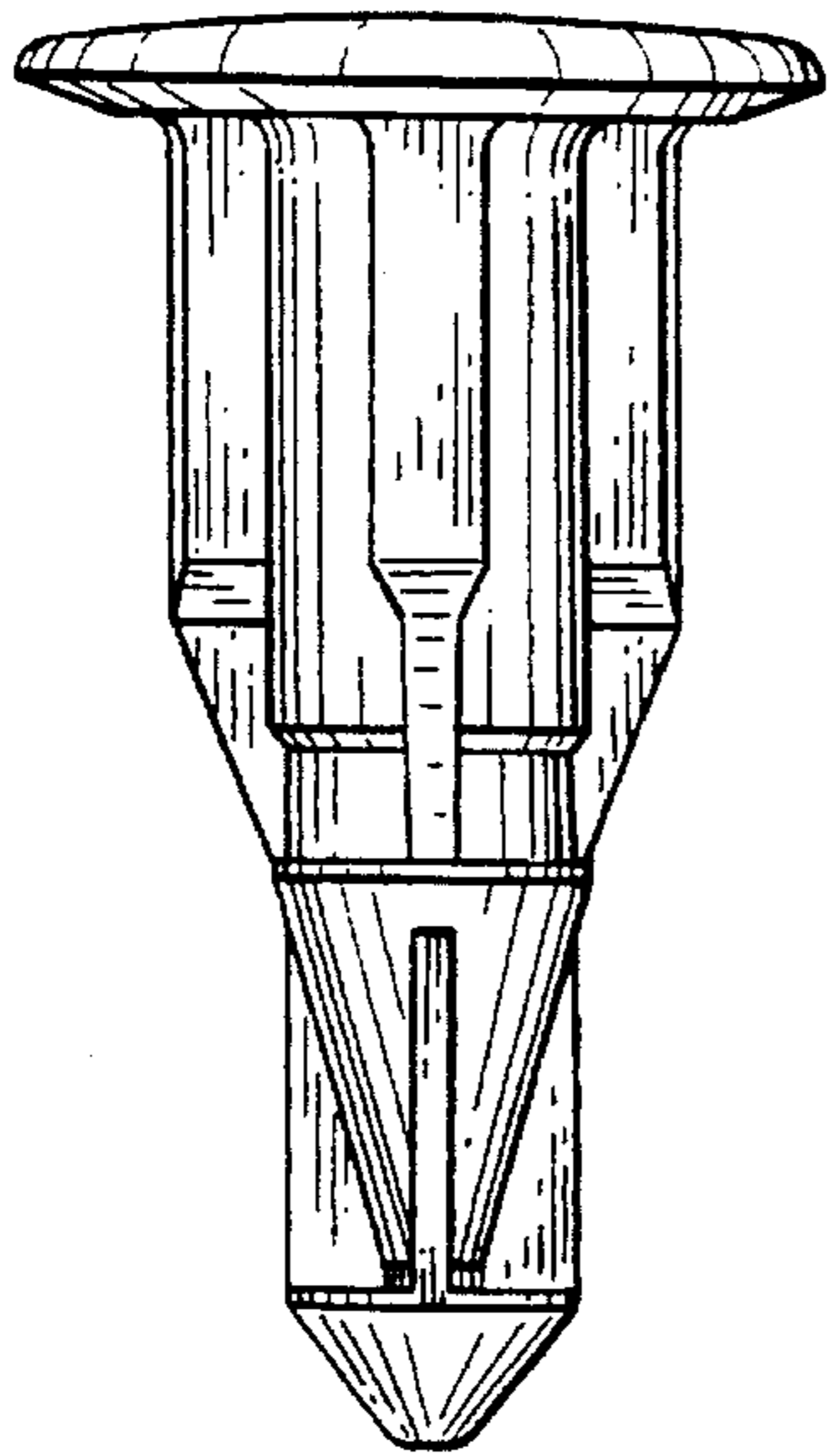


FIG.15

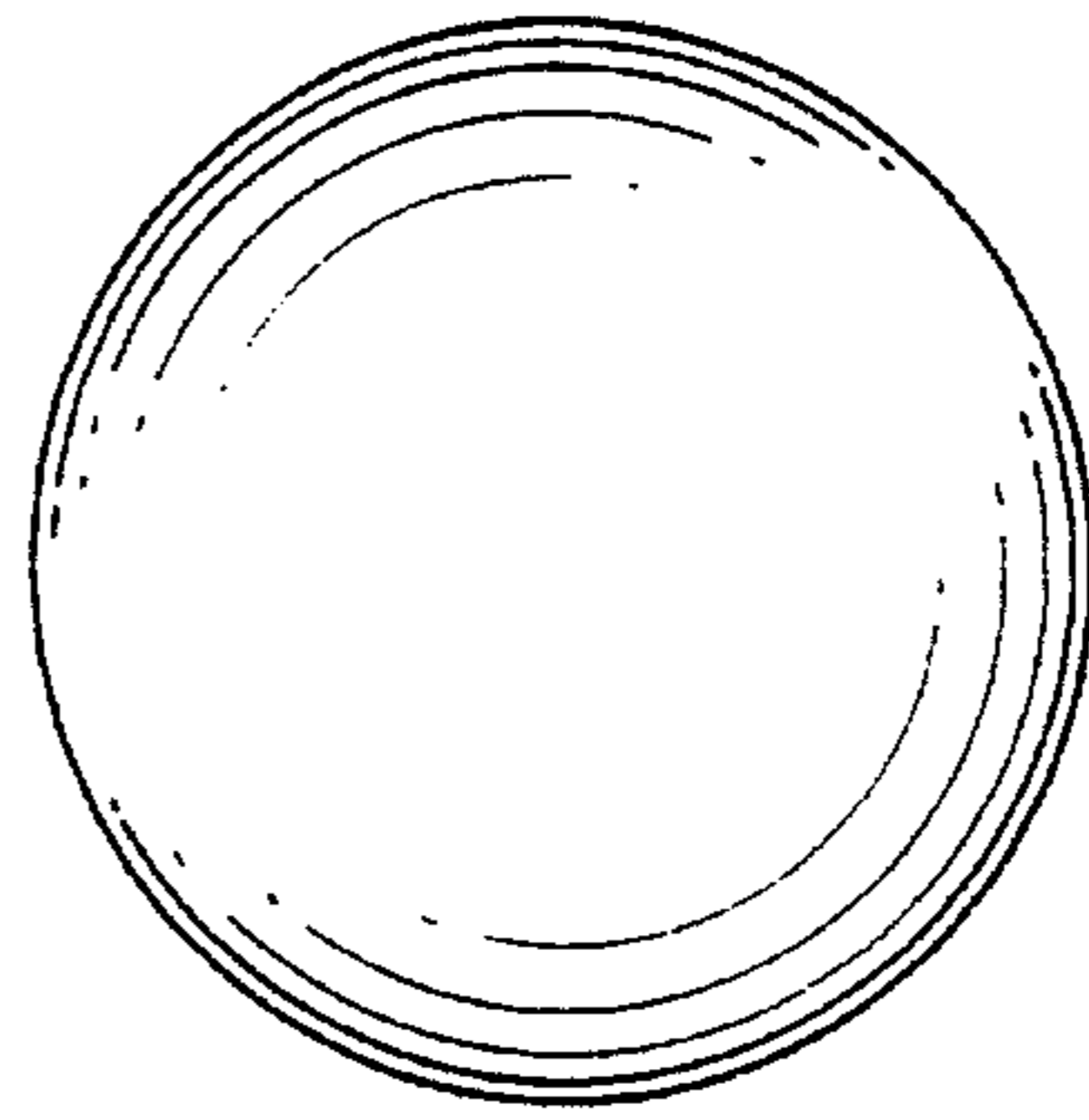


FIG.16

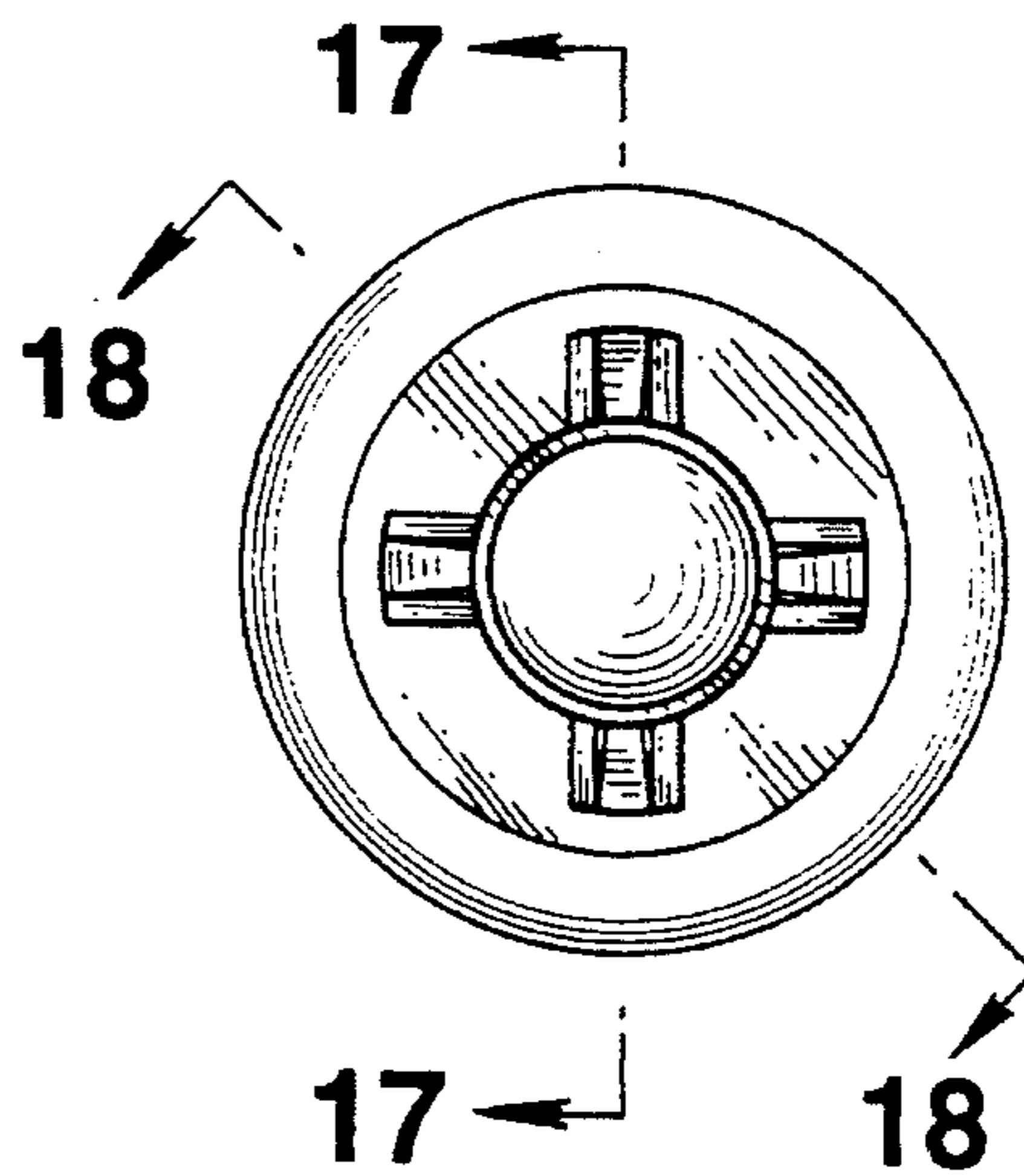


FIG.17

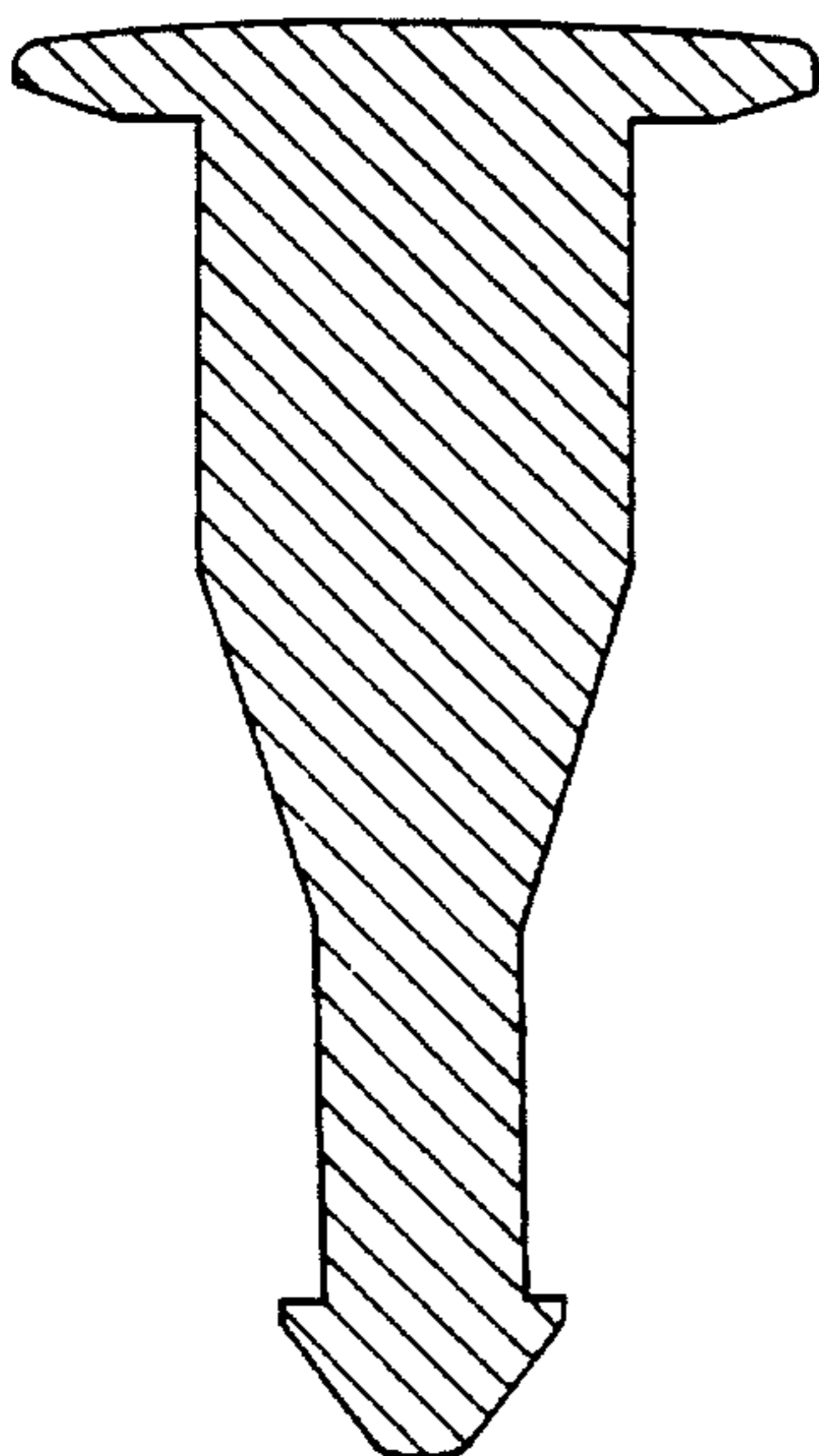


FIG.18

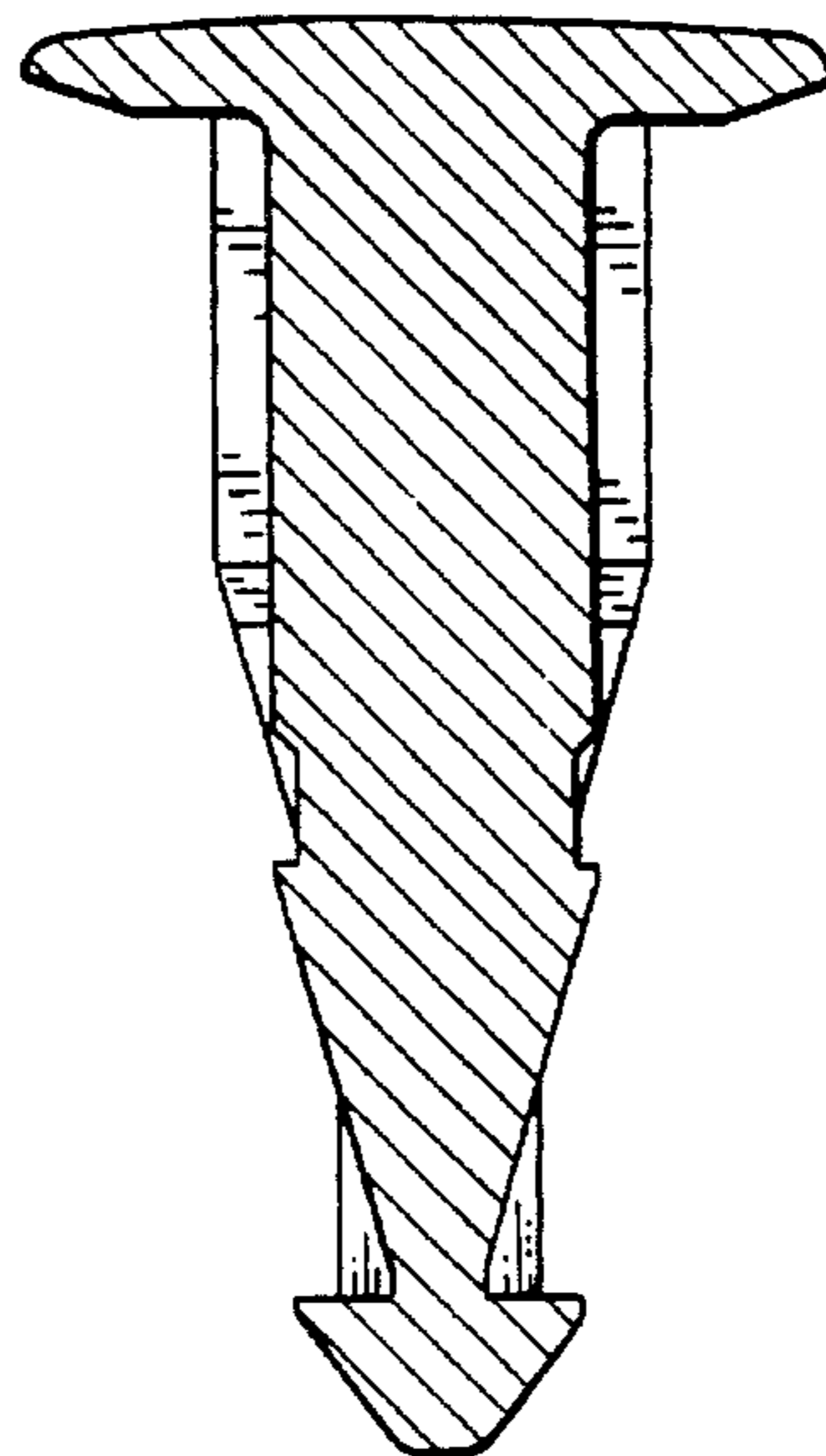


FIG.19

