



US00D637697S

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

(10) **Patent No.:** **US D637,697 S**

(45) **Date of Patent:** **** May 10, 2011**

(54) **STEPPED CRIMP RING**

(75) Inventor: **Richard A. Steiner**, East Haddam, CT
(US)

(73) Assignee: **Rostra Tool Company**, Branford, CT
(US)

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

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(22) Filed: **May 7, 2008**

(51) **LOC (9) Cl.** **23-01**

(52) **U.S. Cl.** **D23/262**

(58) **Field of Classification Search** D23/259–269;
277/179, 205, 207, 215, 230, 231, 345; 285/242,
285/345, 353, 231

See application file for complete search history.

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Primary Examiner — T. Chase Nelson

Assistant Examiner — Eric L Goodman

(74) *Attorney, Agent, or Firm* — Cantor Colburn LLP

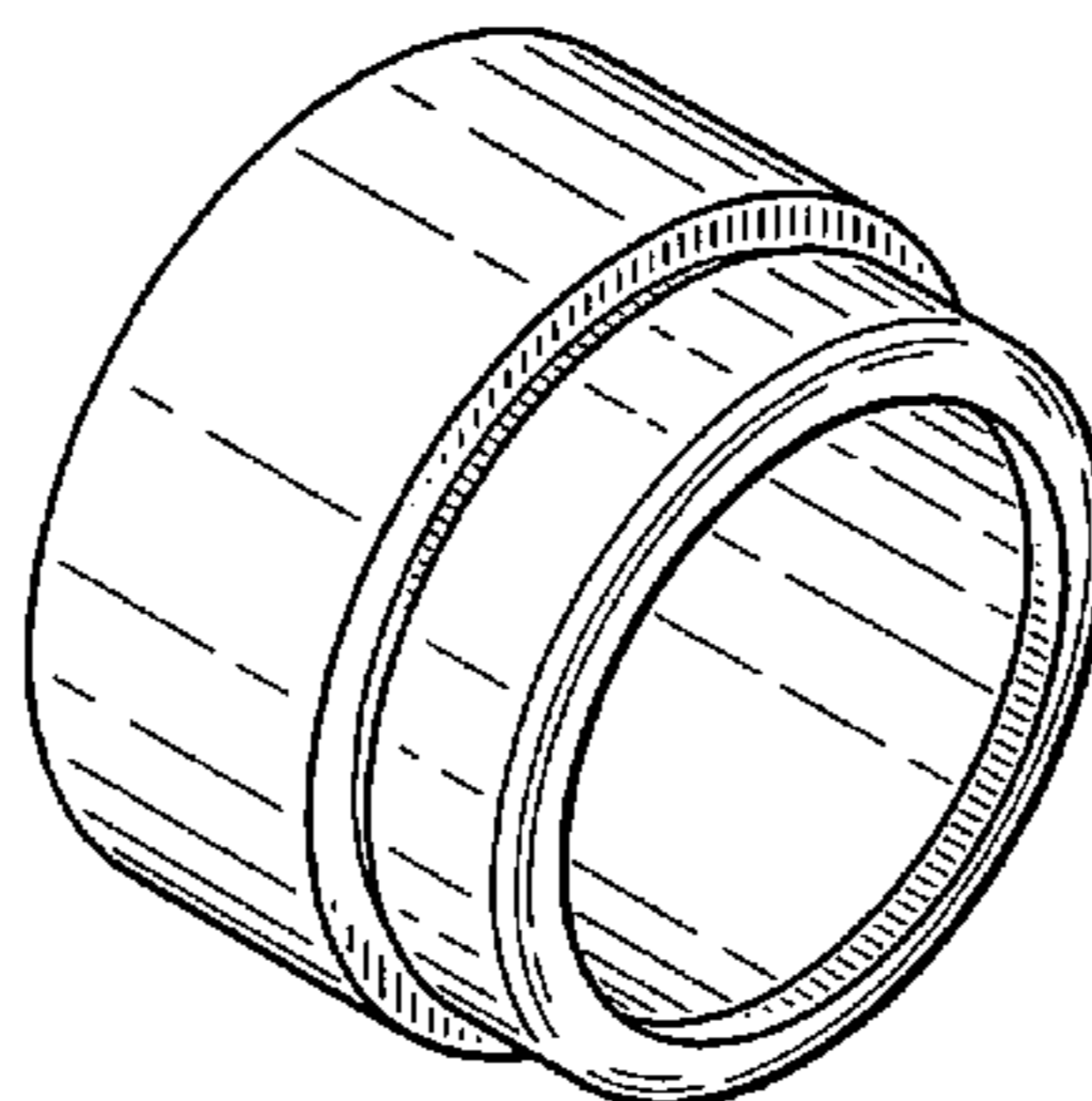
(57) **CLAIM**

The ornamental design for a stepped crimp ring, as shown and described.

DESCRIPTION

FIG. 1 is a front perspective view of the stepped crimp ring of my design, incorporating an annular groove;
 FIG. 2 is a rear perspective view thereof;
 FIG. 3 is a front elevational view thereof;
 FIG. 4 is a rear elevational view thereof;
 FIG. 5 is a side elevational view thereof, the opposite side being a mirror image;
 FIG. 6 is a top plan view thereof, the bottom view being a mirror image;
 FIG. 7 is a side elevational view thereof, in cross-section, taken along line 7—7 of FIG. 3;
 FIG. 8 is a side elevational view thereof showing the stepped crimp ring attaching a pipe to a connector, with the broken lines shown for illustrative purposes and not a part of the claimed design;
 FIG. 9 is an alternate embodiment of a front perspective view of the stepped crimp ring of my design, without an annular groove;
 FIG. 10 is a rear perspective view thereof;
 FIG. 11 is a front elevational view thereof;
 FIG. 12 is a rear elevational view thereof;
 FIG. 13 is a side elevational view thereof, the opposite side being a mirror image;
 FIG. 14 is a top plan view thereof, the bottom view being a mirror image;
 FIG. 15 is a side elevational view thereof, in cross-section, taken along line 15—15 of FIG. 11; and,
 FIG. 16 is a side elevational view thereof showing the stepped crimp ring attaching a pipe to a connector, with the broken lines shown for illustrative purposes and not a part of the claimed design.

1 Claim, 6 Drawing Sheets



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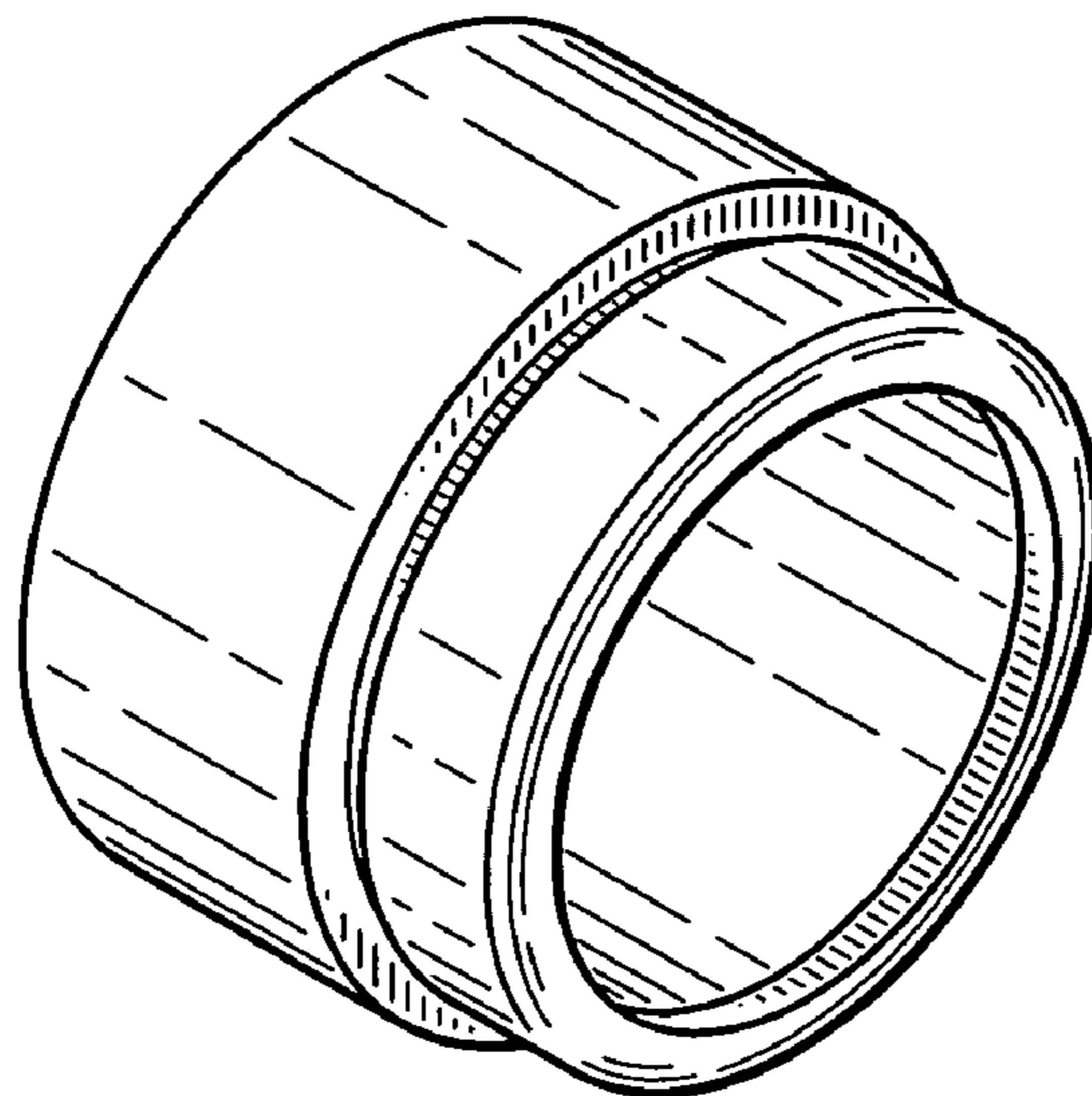


FIG. 1

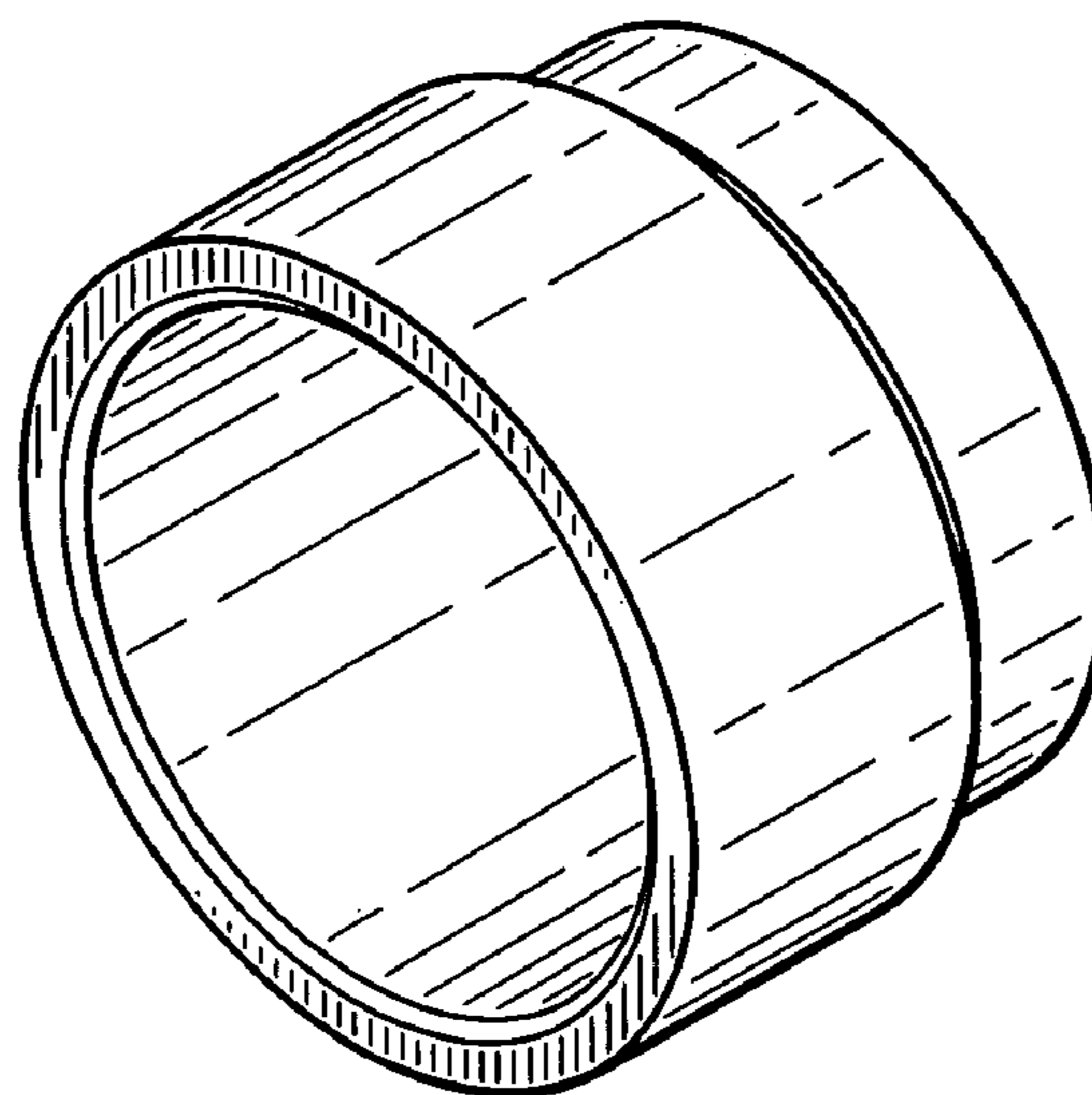


FIG. 2

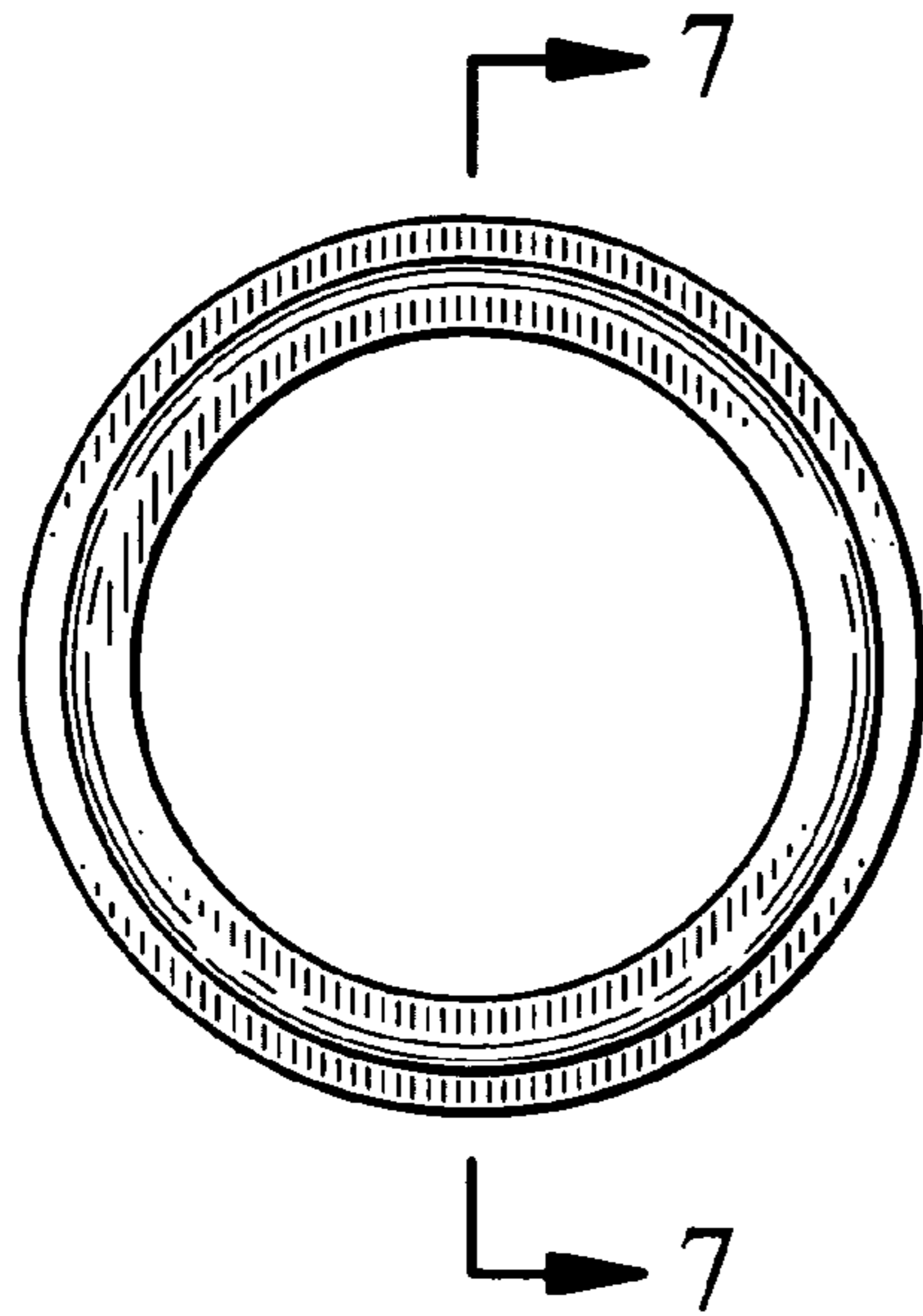


FIG. 3

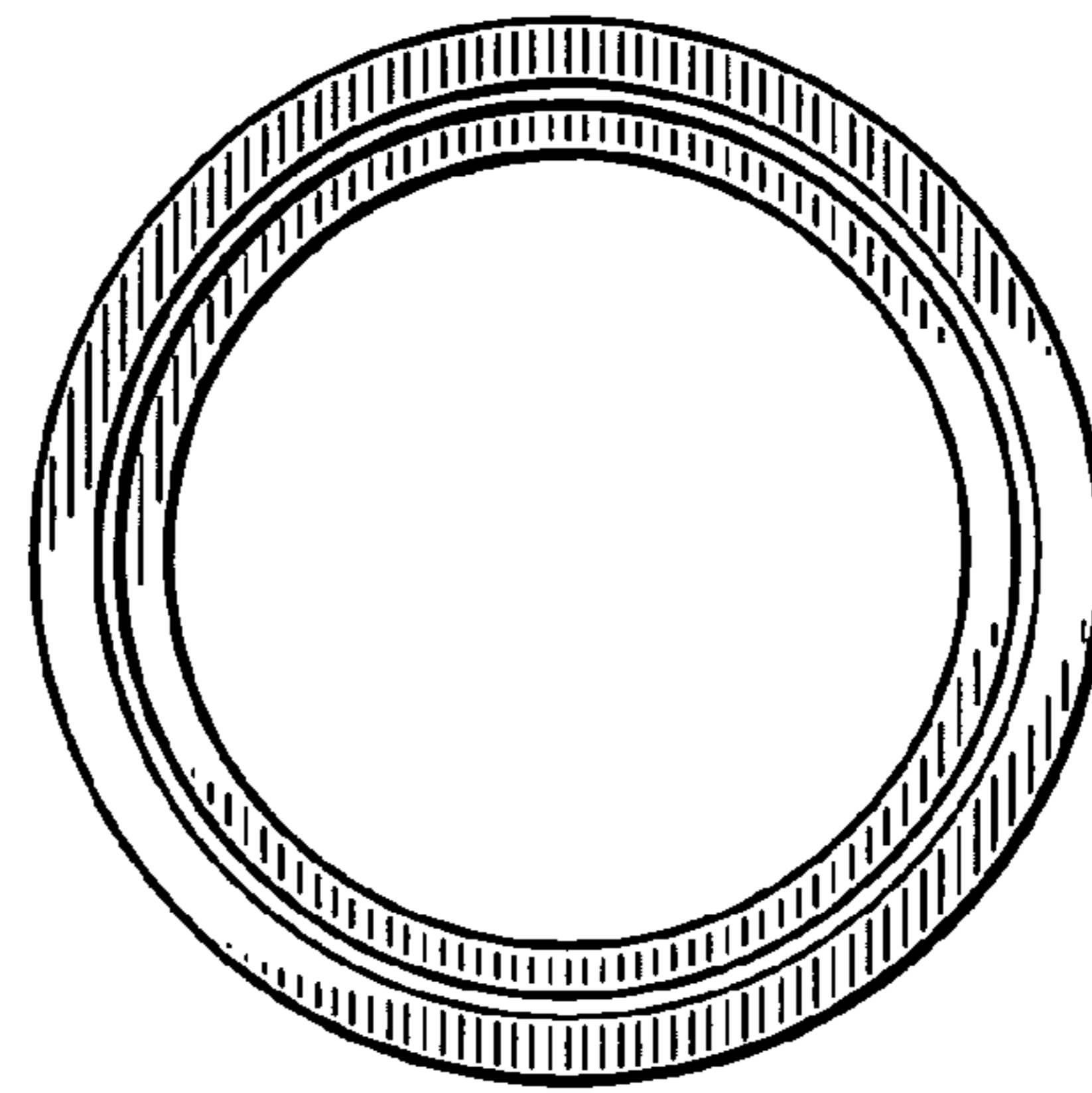


FIG. 4

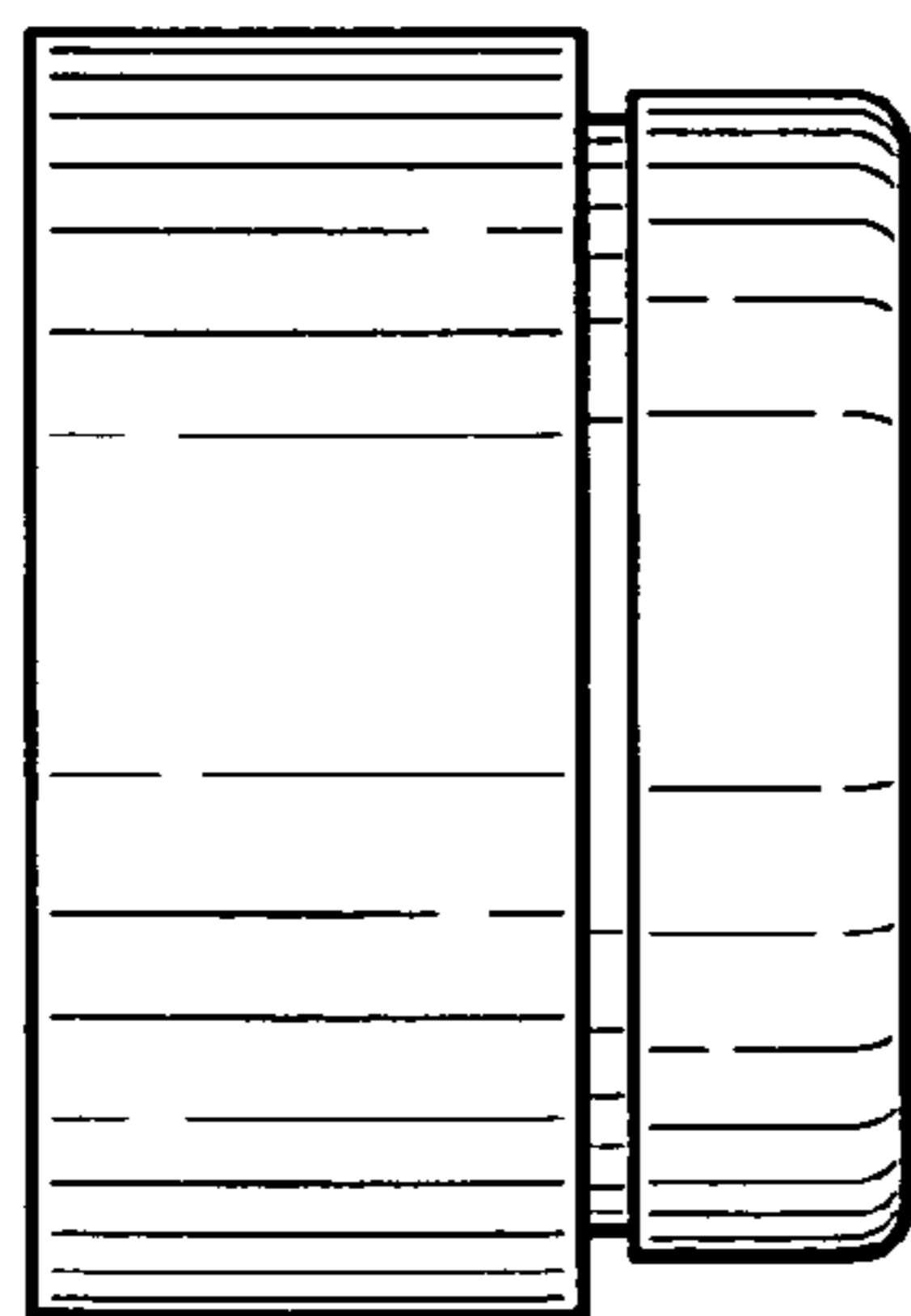


FIG. 5

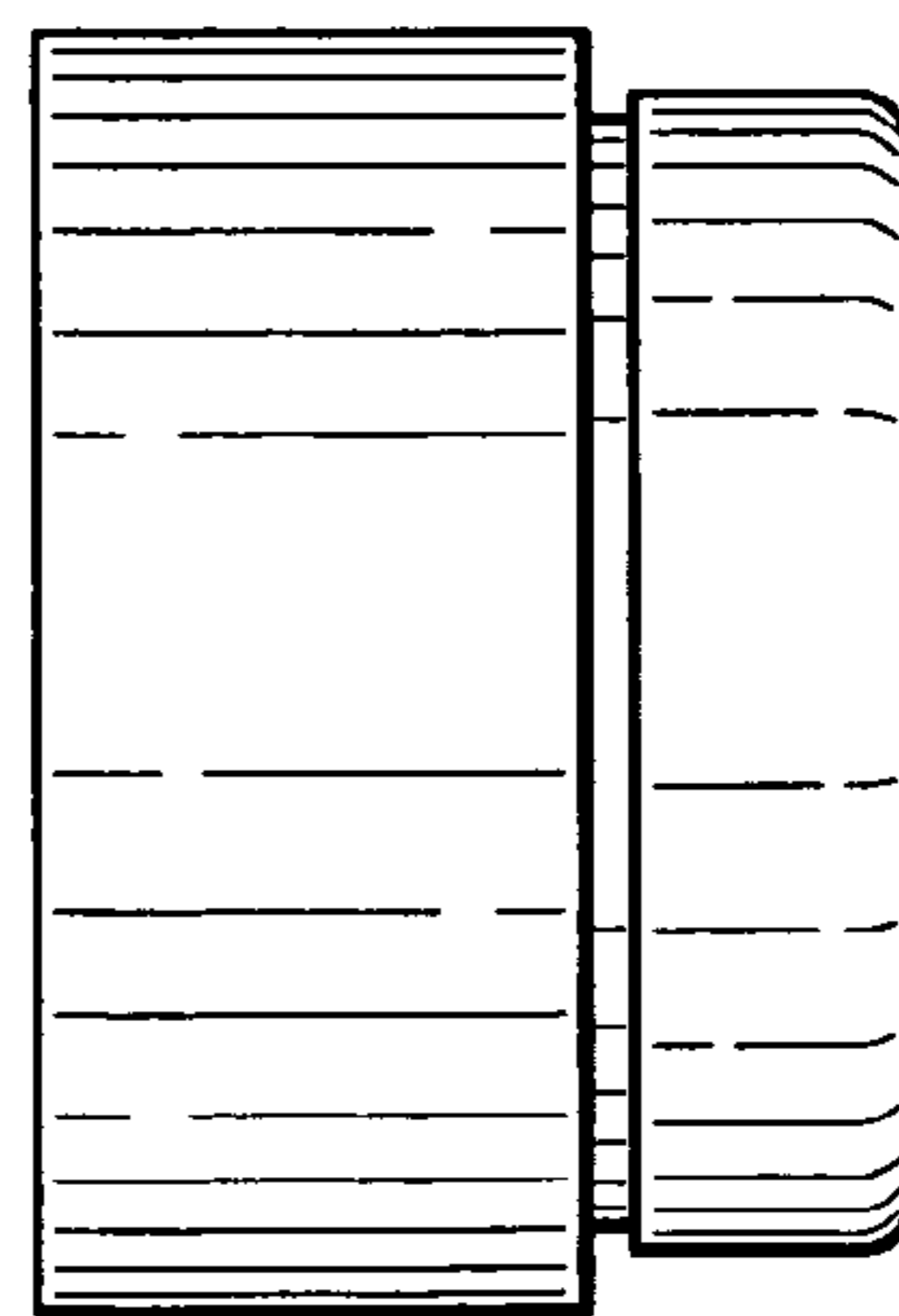


FIG. 6

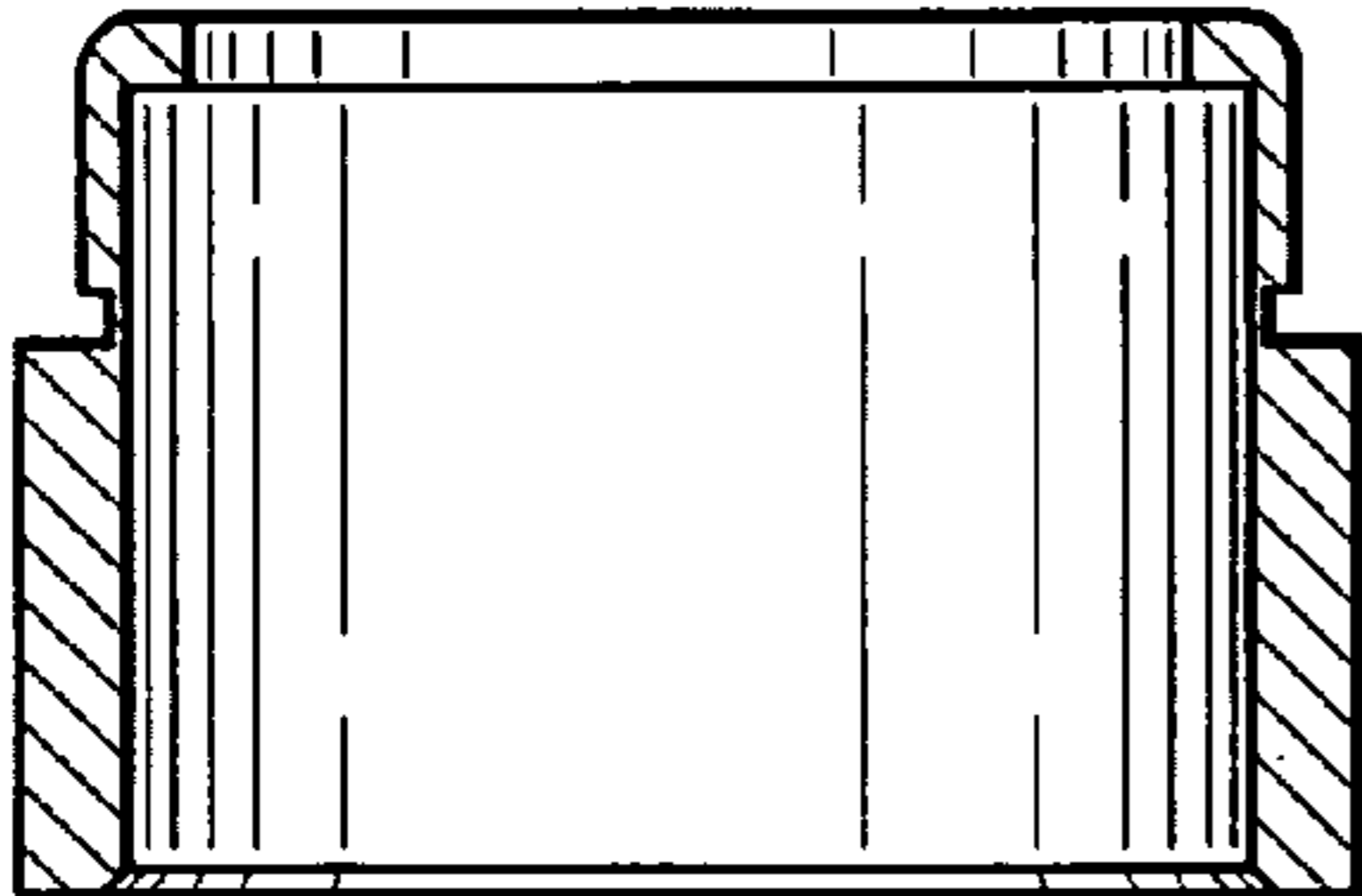


FIG. 7

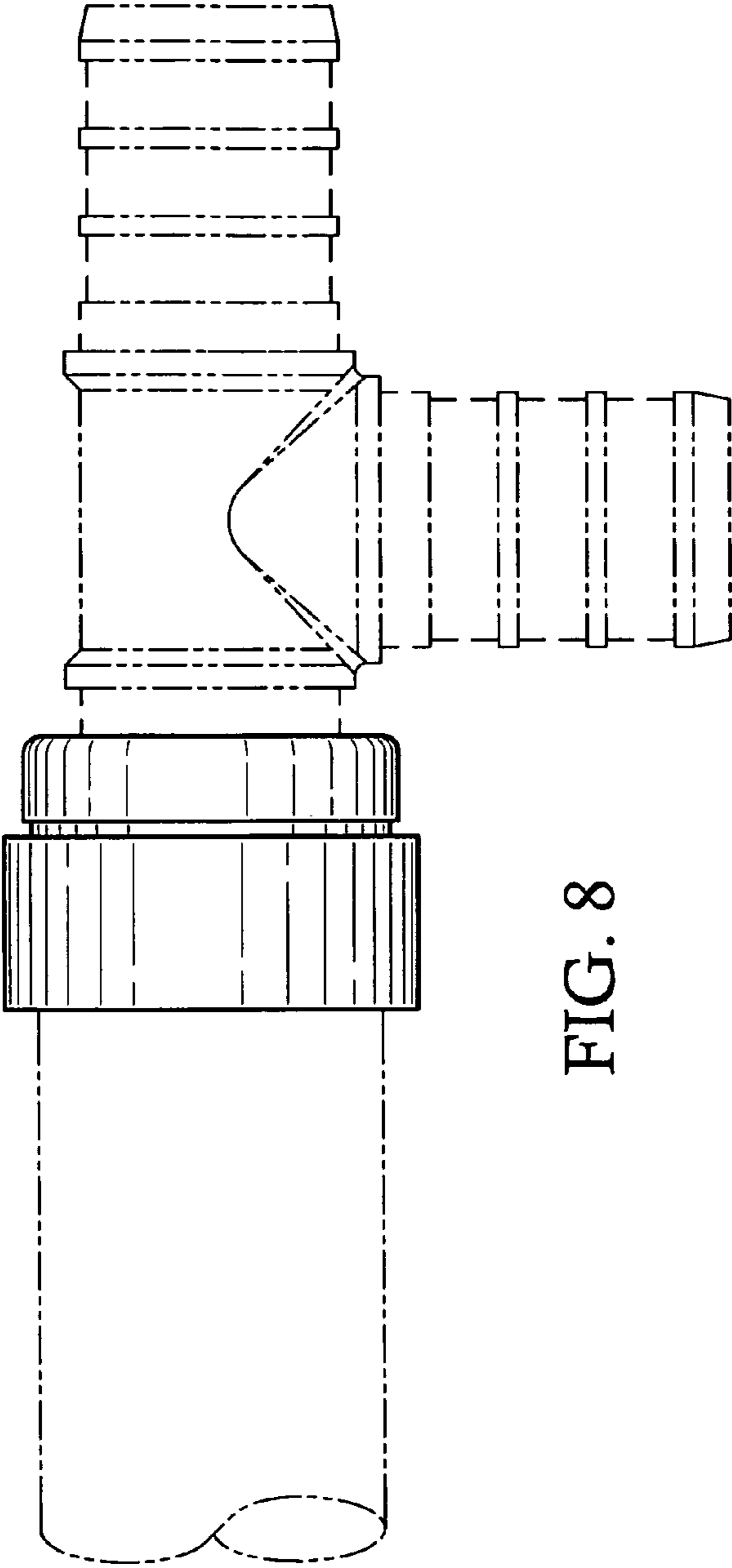


FIG. 8

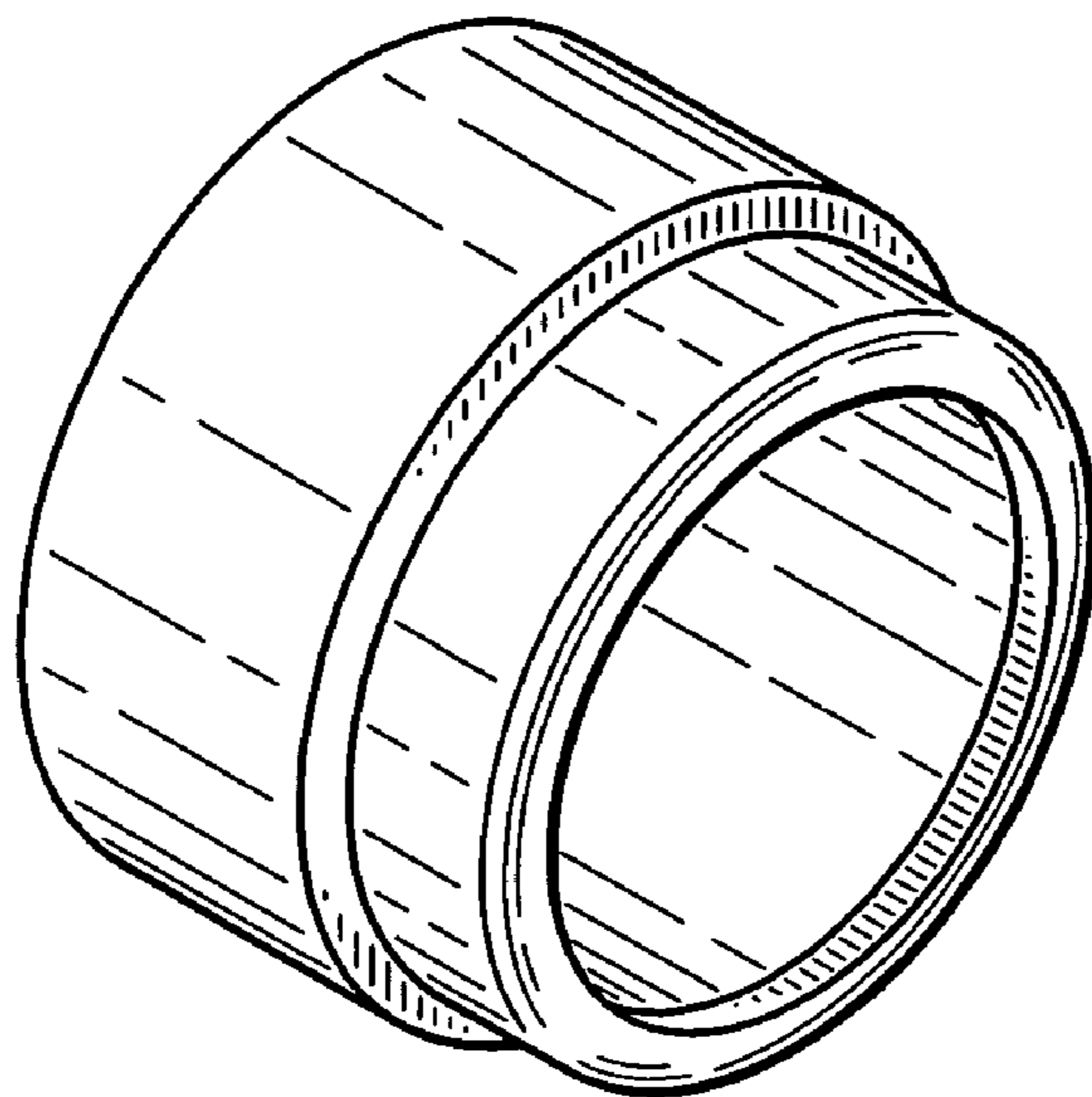


FIG. 9

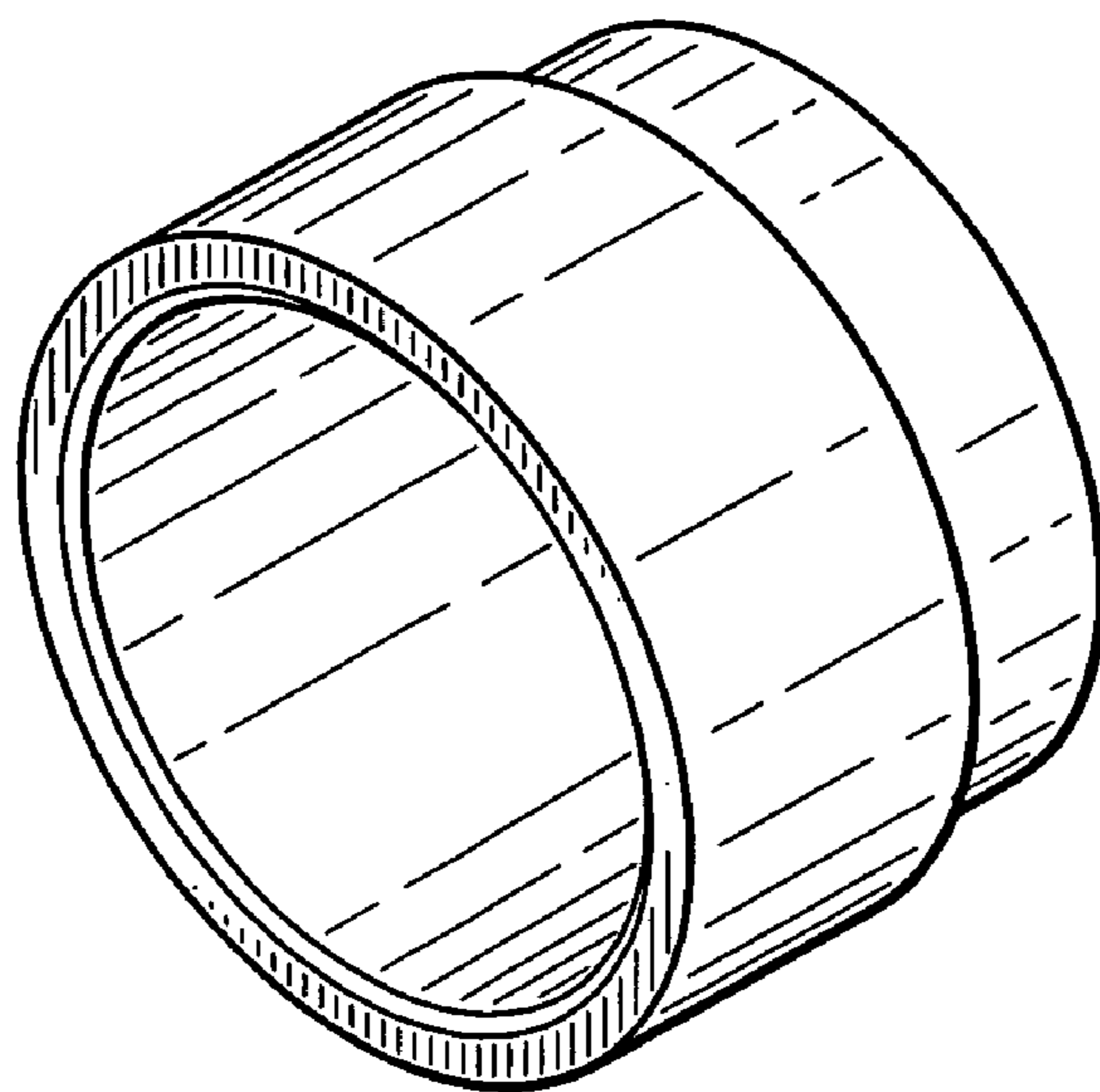


FIG. 10

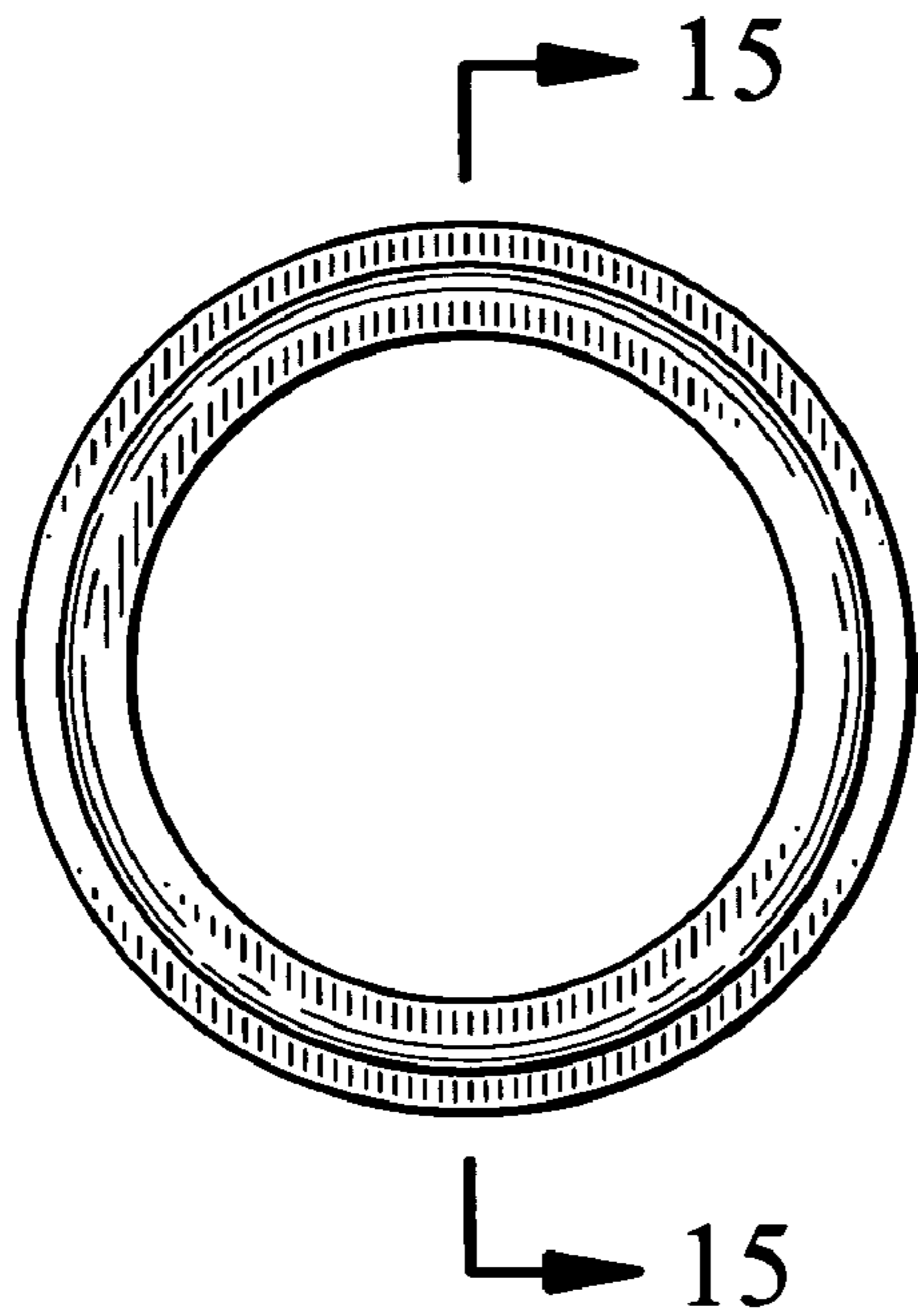


FIG. 11

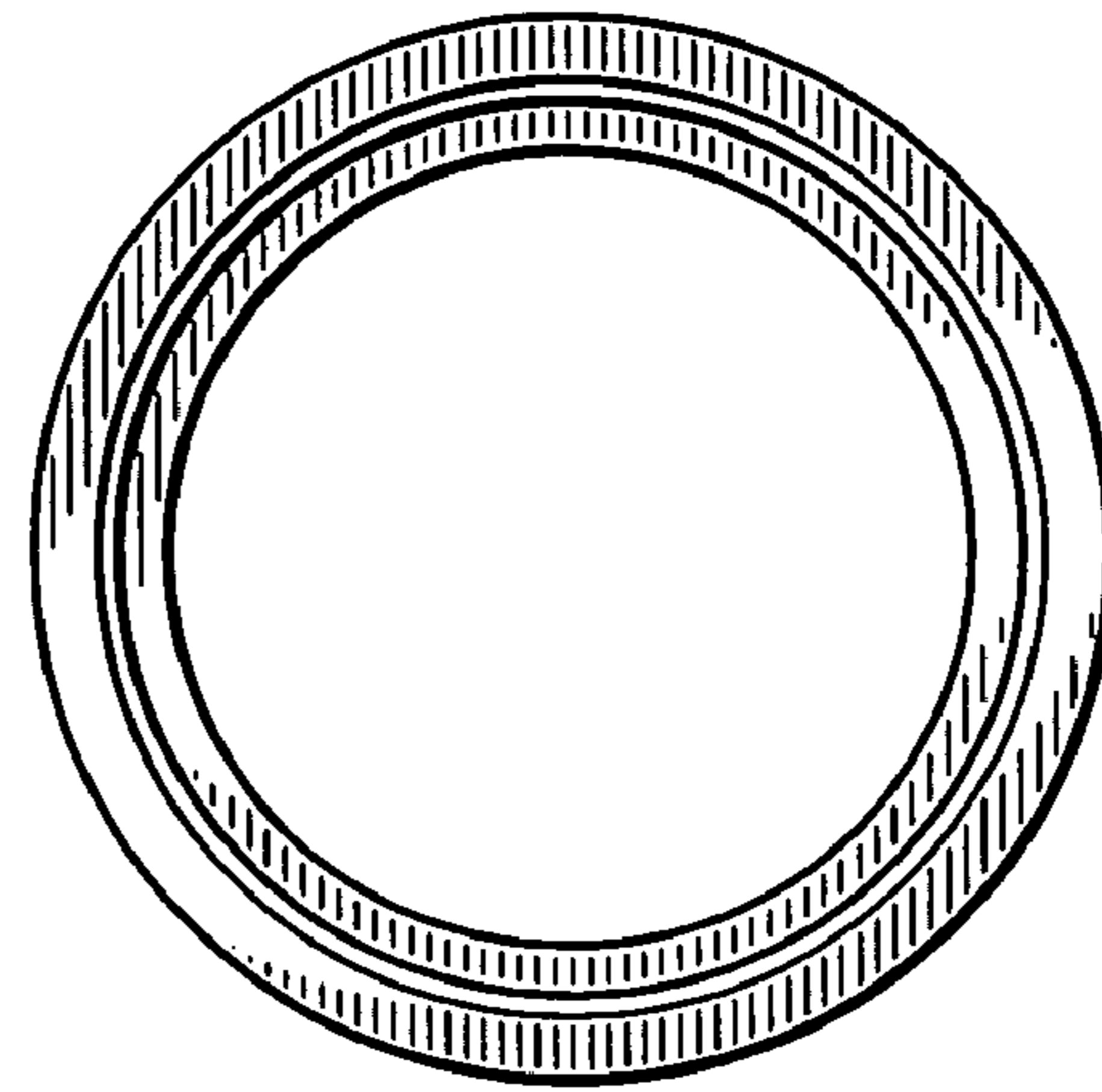


FIG. 12

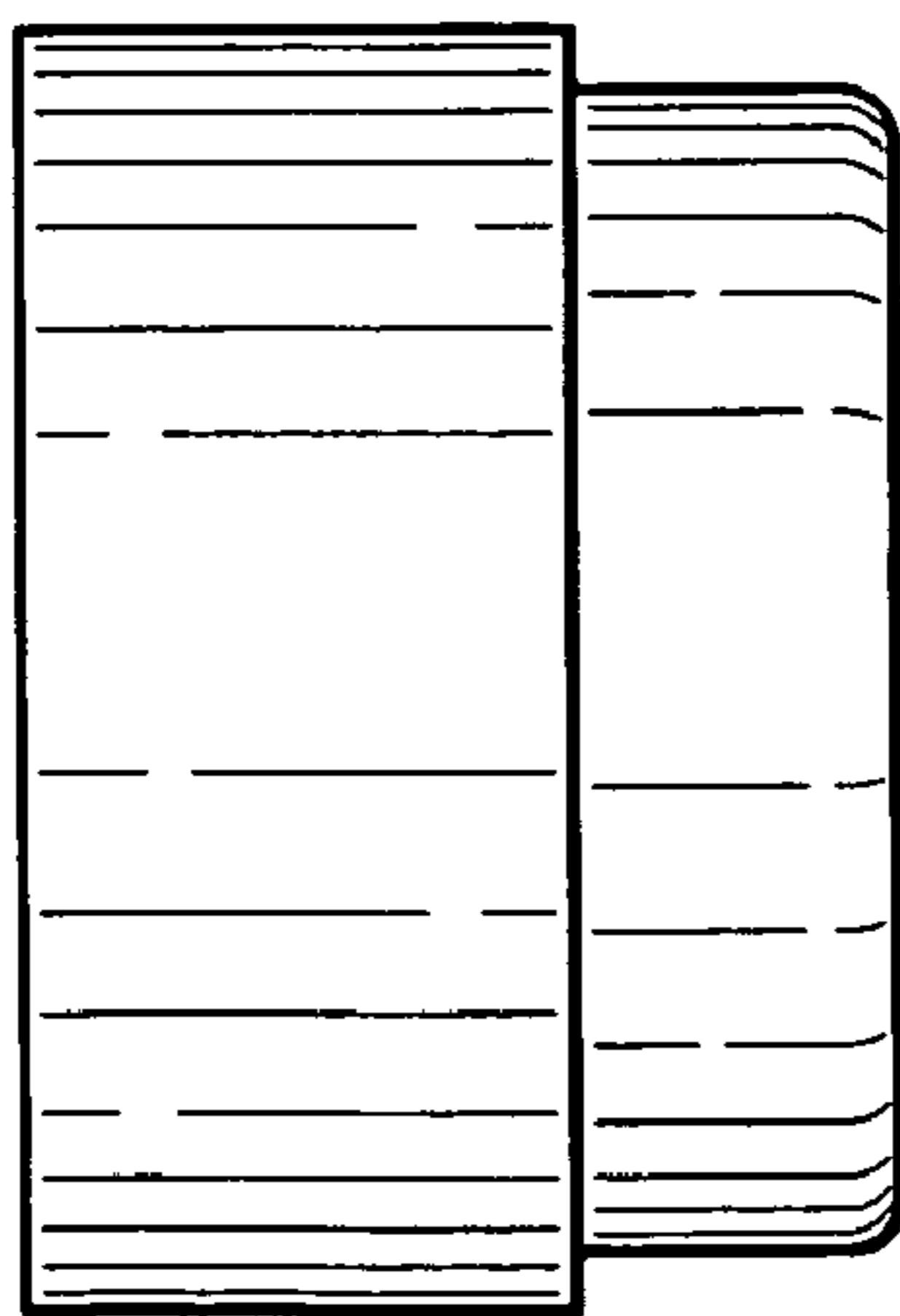


FIG. 13

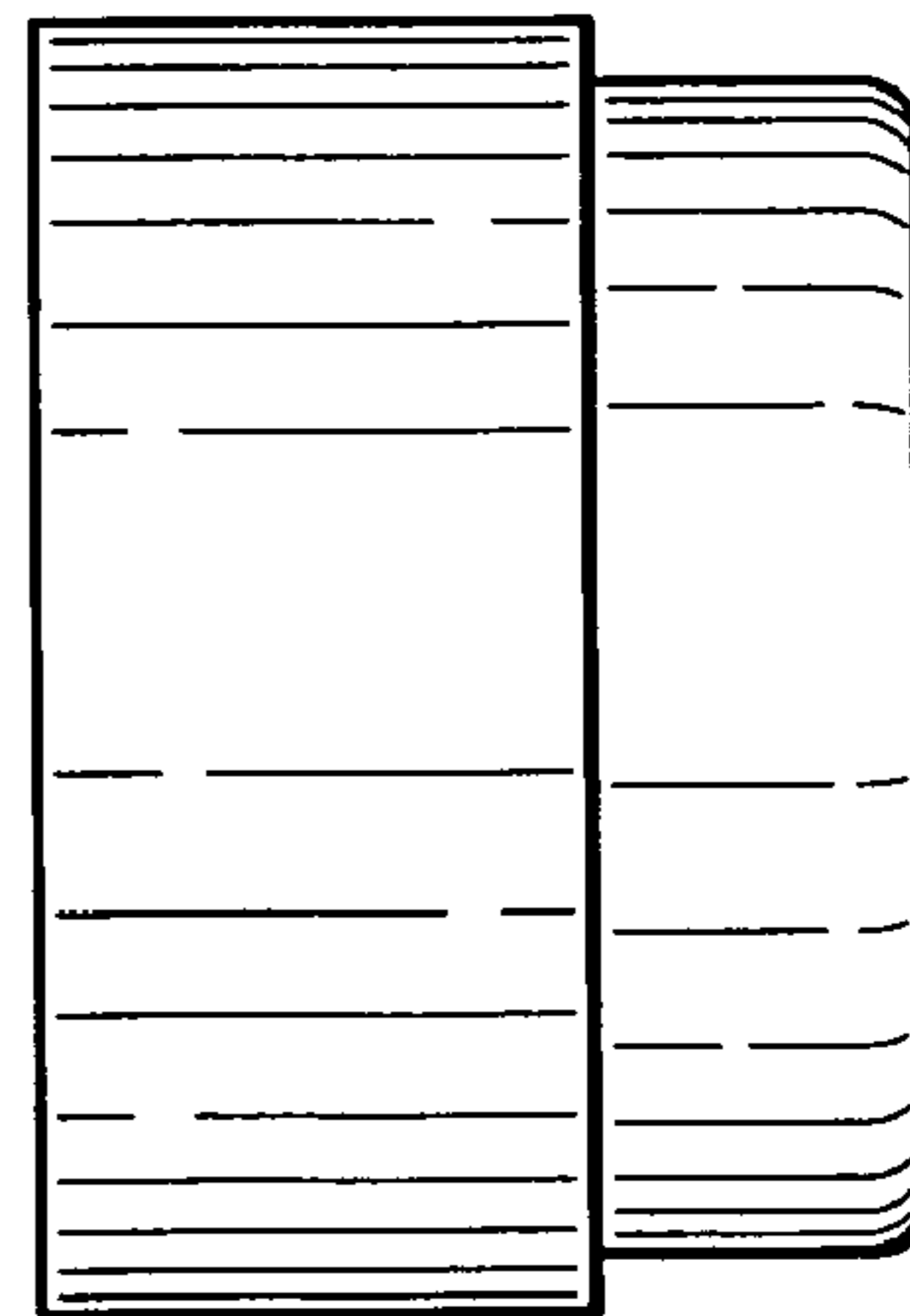


FIG. 14

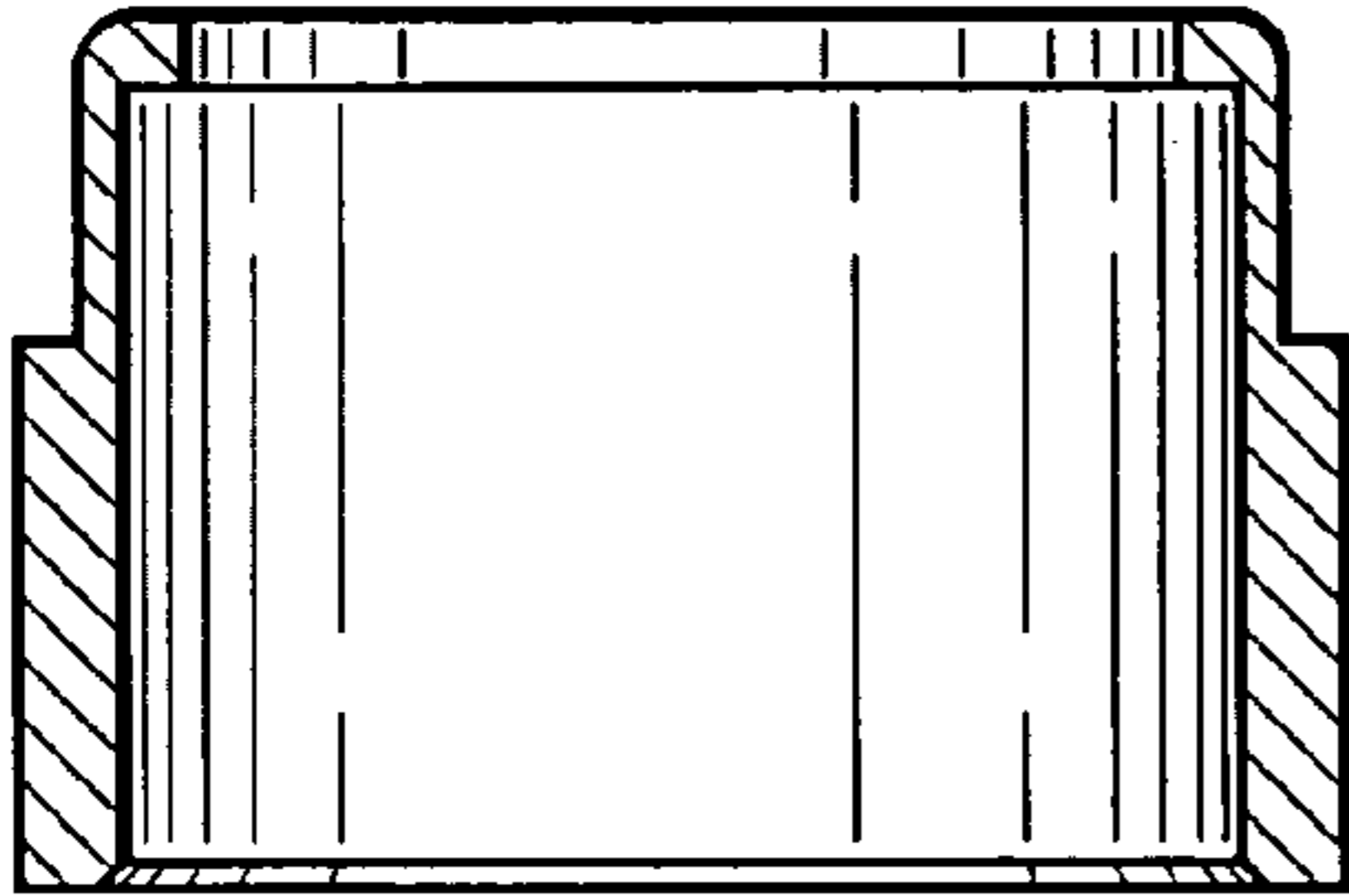


FIG. 15

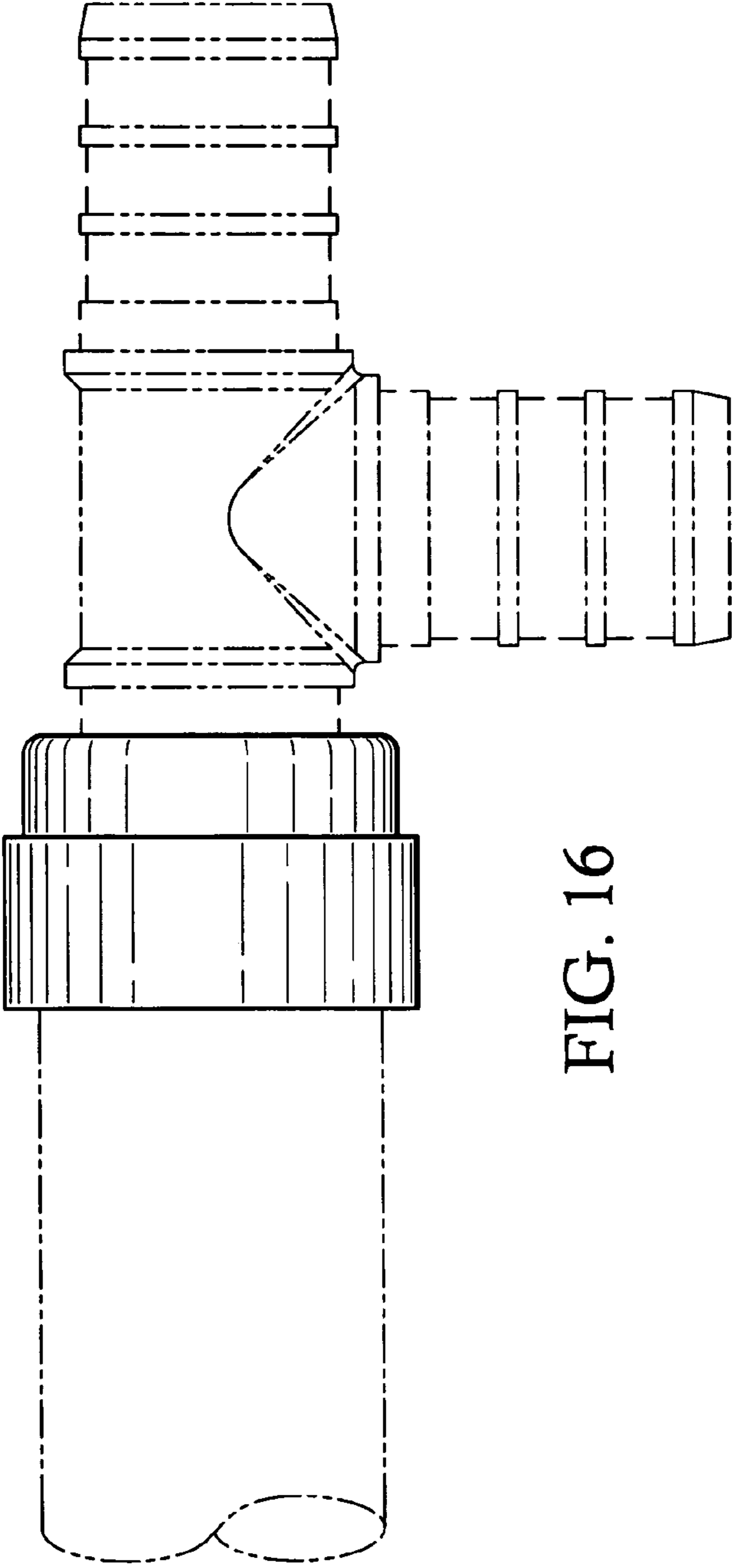


FIG. 16