



US00D458592S

(12) **United States Design Patent**
Gust et al.

(10) **Patent No.: US D458,592 S**
(45) **Date of Patent: ** Jun. 11, 2002**

(54) **ELECTRICAL CONVOLUTED TUBING
WITH OVERMOLDED GROMMET**

5,288,946 A * 2/1994 Jackson et al. 174/74 R
6,310,290 B1 * 10/2001 Gretz 174/65 R

(75) Inventors: **James M. Gust**, Wolcottville; **Scott A.
Garver**, Fort Wayne; **Robert E. Bolen**,
Kendallville, all of IN (US)

* cited by examiner

Primary Examiner—Jennifer Rivard

(74) *Attorney, Agent, or Firm*—Taylor & Aust, P.C.

(73) Assignee: **Lyall Assemblies, Inc.**, Albion, IN (US)

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

(57) **CLAIM**

The ornamental design for an electrical convoluted tubing
with overmolded grommet, as shown and described.

(21) Appl. No.: **29/140,578**

DESCRIPTION

(22) Filed: **Apr. 19, 2001**

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

(52) **U.S. Cl.** **D13/155**

(58) **Field of Search** D13/154, 155,
D13/156; 174/74 A, 74 R, 138 F, 87, 65 R;
439/447, 583–585

FIG. 1 is a perspective view of an electrical convoluted
tubing with overmolded grommet showing my new design;

FIG. 2 is an end view thereof;

FIG. 3 is an opposite end view thereof;

FIG. 4 is a side view thereof;

FIG. 5 is an alternate side view thereof; and,

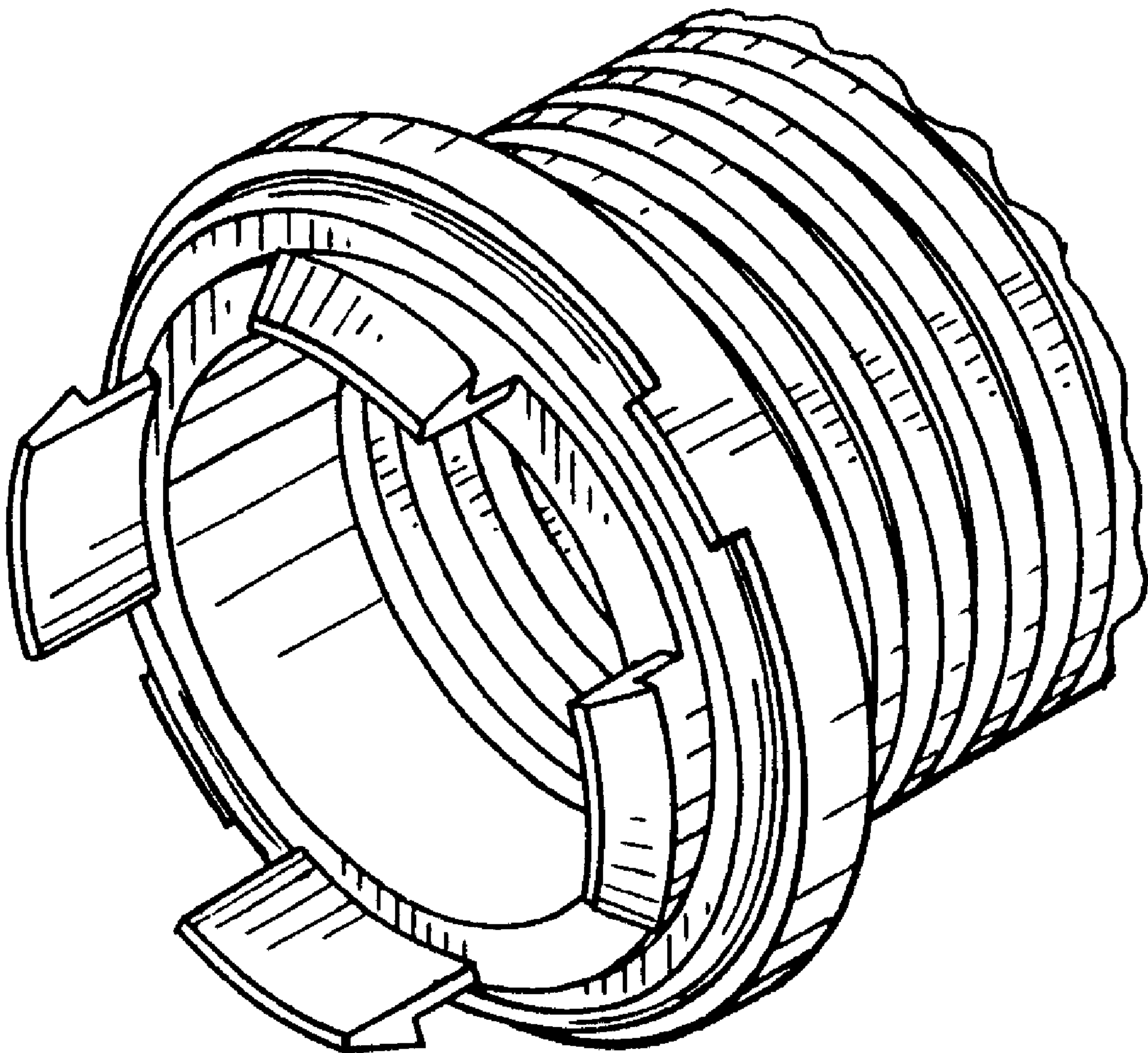
FIG. 6 is another alternate side view thereof.

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,588,150 A * 6/1971 Wold 174/74 R

1 Claim, 2 Drawing Sheets



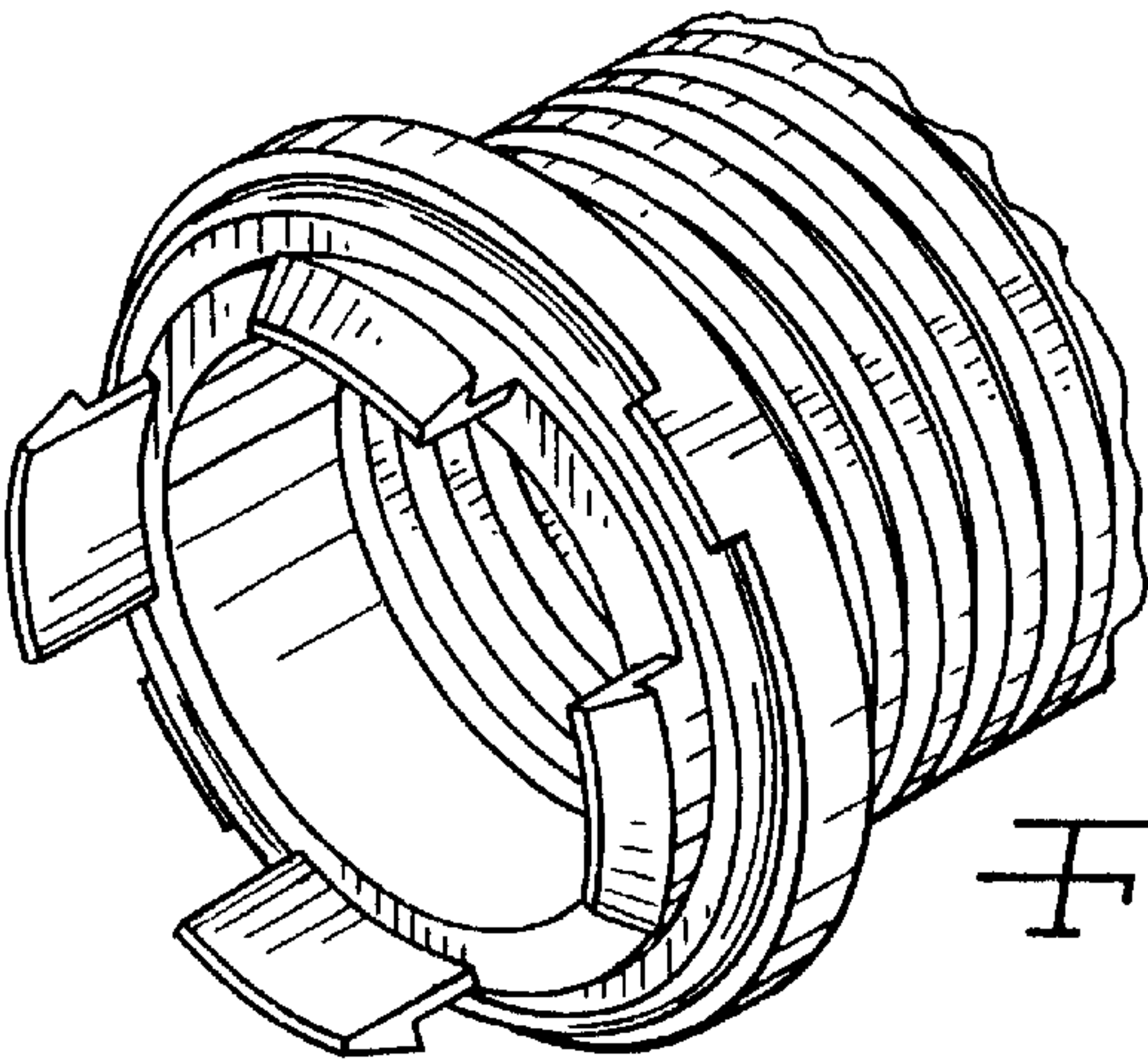


Fig. 1

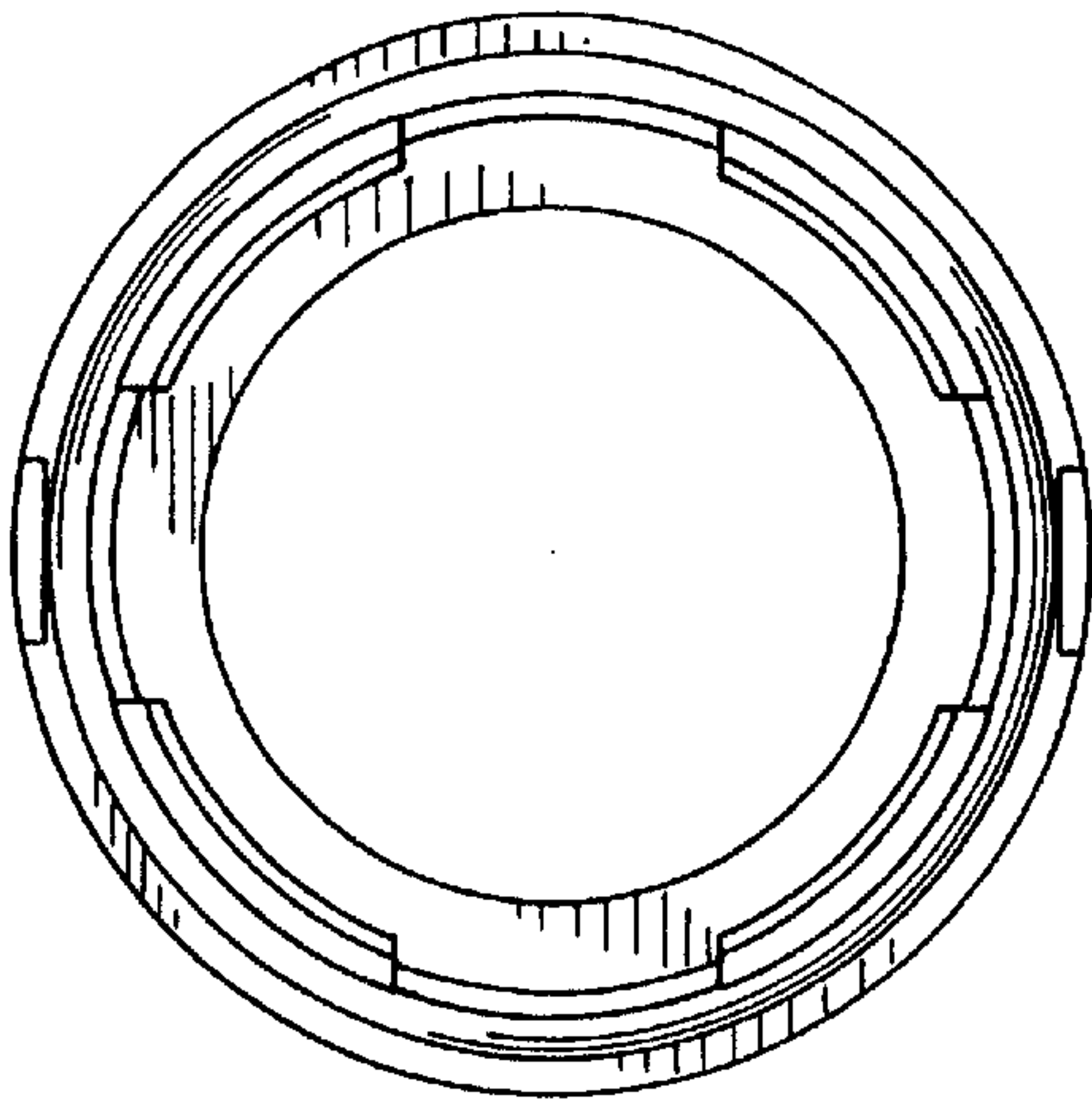


Fig. 2

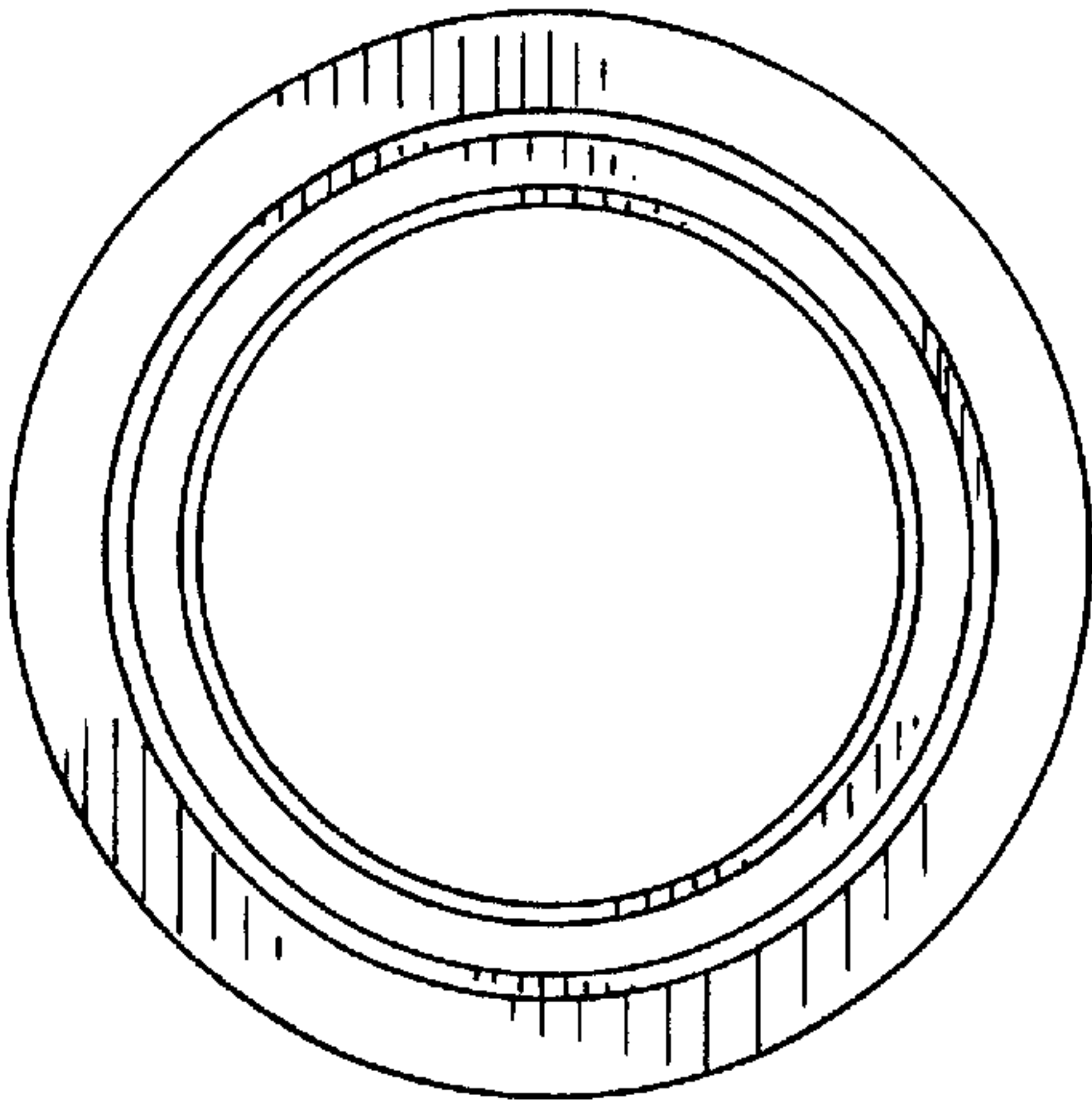


Fig. 3

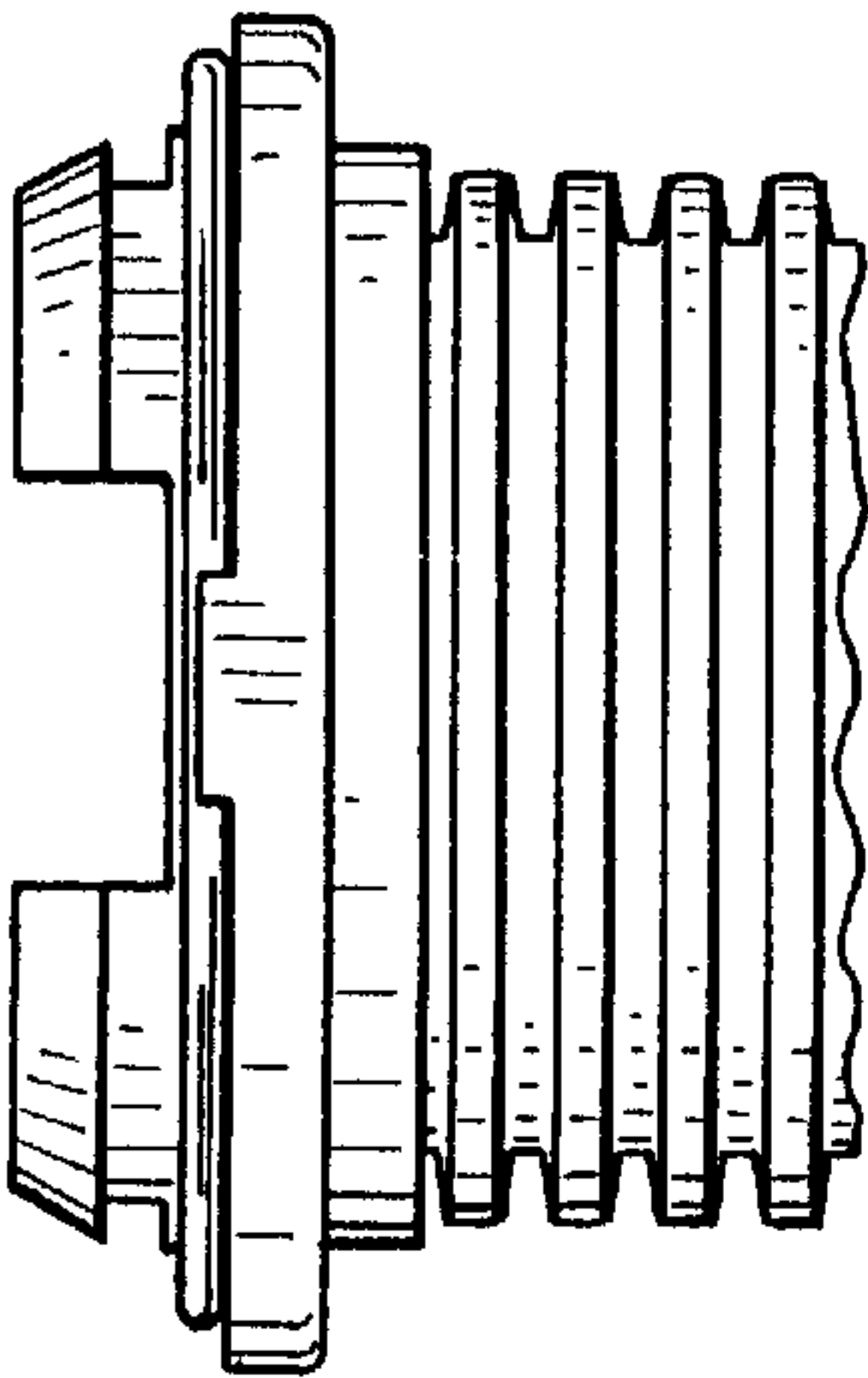


Fig. 4

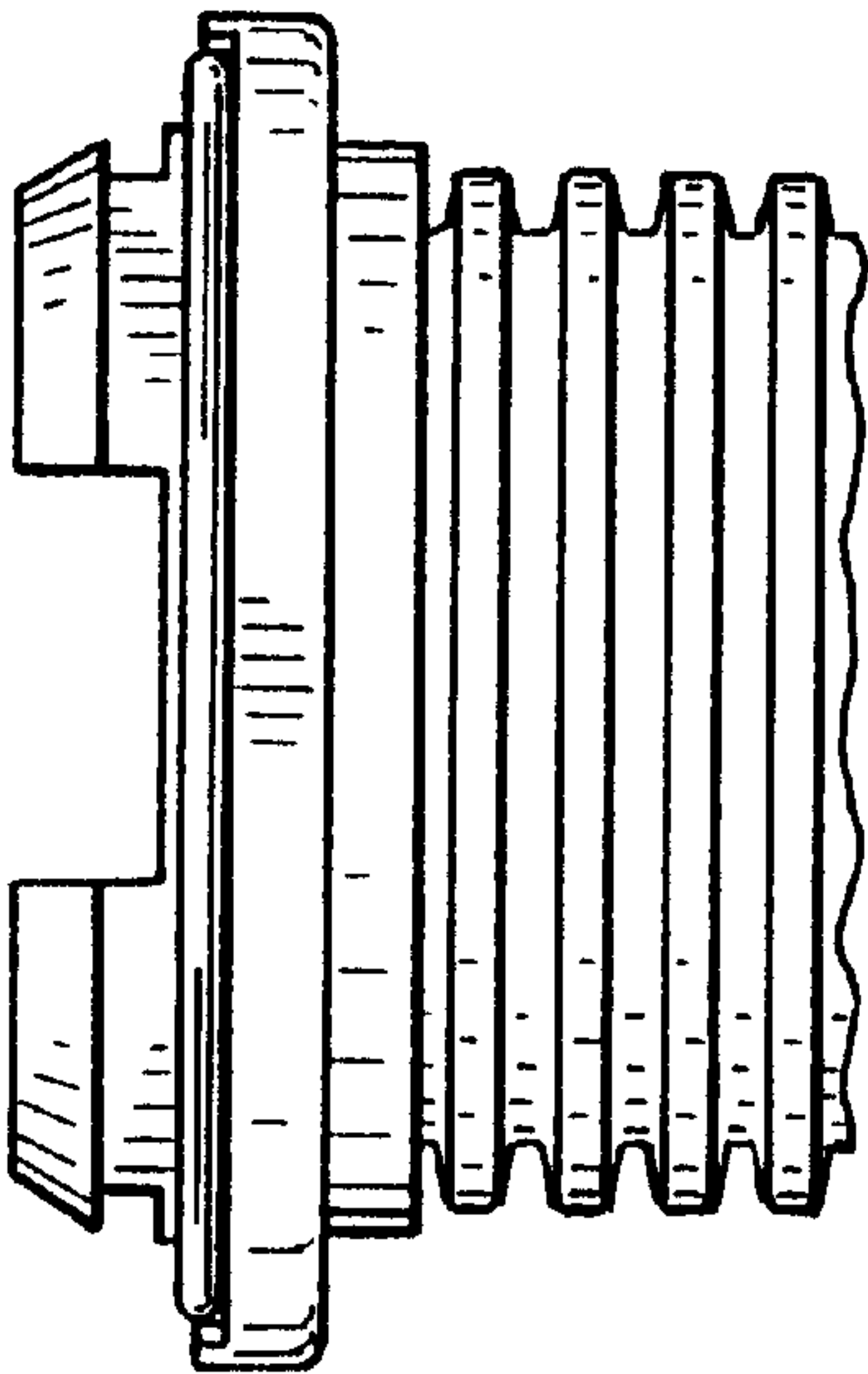


Fig. 5

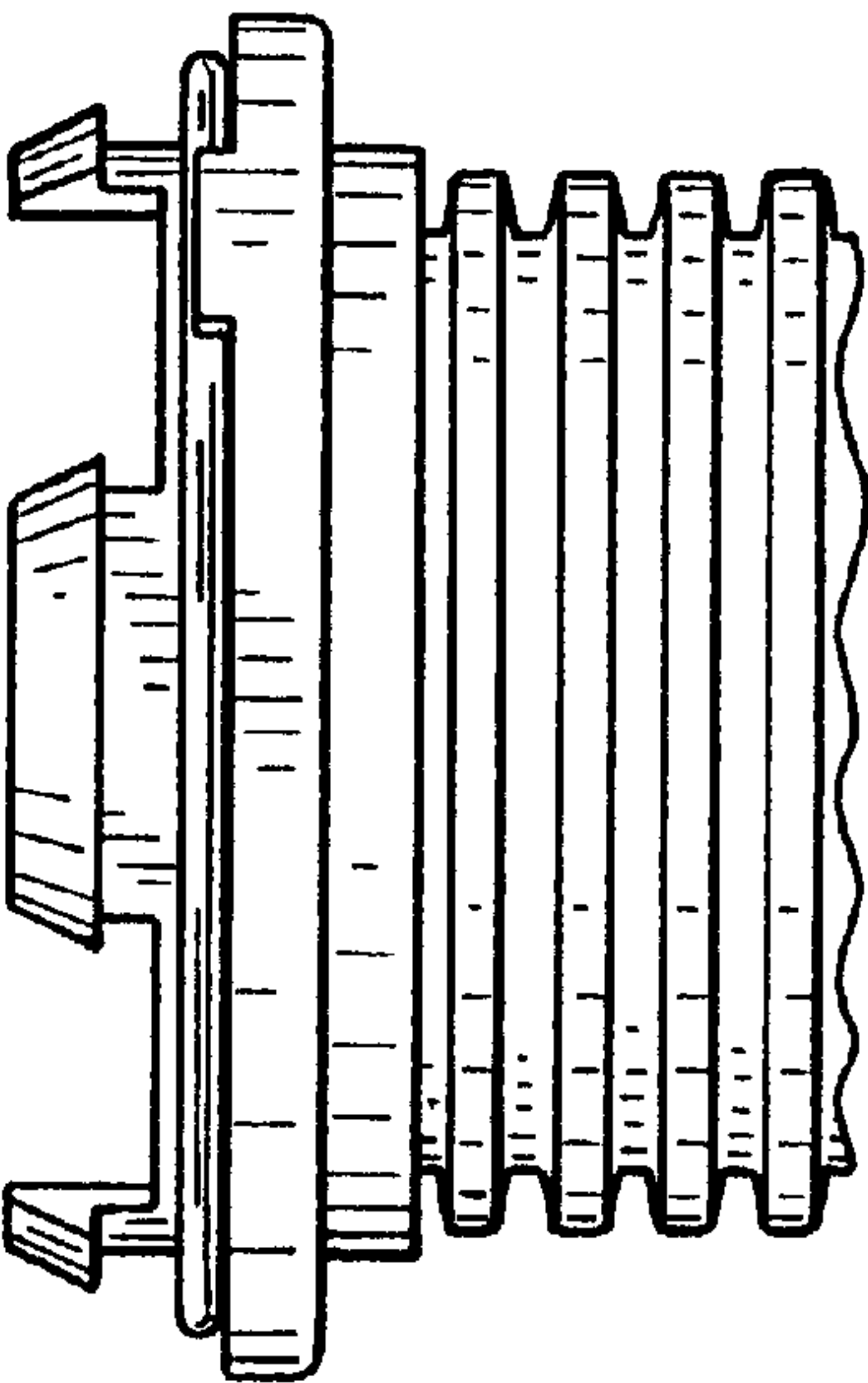


Fig. 6