



US00D413967S

# United States Patent [19]

[11] Patent Number: Des. 413,967

Yuen

[45] Date of Patent: \*\* Sep. 14, 1999

[54] **COUPLING AND NUT ASSEMBLY FOR A FLUID PURIFICATION SYSTEM**

[76] Inventor: **Po S. Yuen**, 99 Edgemont Rd., Scarsdale, N.Y. 10583

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

[21] Appl. No.: **29/061,742**

[22] Filed: **Oct. 30, 1996**

[51] **LOC (6) Cl.** ..... **23-01**

[52] **U.S. Cl.** ..... **D23/262**

[58] **Field of Search** ..... D23/259, 262, D23/266, 269; D24/129; 138/109; 285/33-35, 86-88, 148.1, 148.6, 245-247, 315-317, 331, 343, 354

[56] **References Cited**

**U.S. PATENT DOCUMENTS**

H1272 1/1994 Machado et al. .... 285/315  
D. 315,400 3/1991 Medvick ..... D23/262

(List continued on next page.)

**OTHER PUBLICATIONS**

ARO Air Systems Components Catalog, "210-212 Coupler" and "210-227 Coupler", p. 26, Jan. 1983.

Imperial Fluid Transmission Components Catalog Number 114-C, "Male Pipe Thread", p. 116, Dec. 1982.

Cole-Parmer Catalog, "Taper Miniature Plastic Fitting 06359-57", p. 346, Dec. 1992.

*Primary Examiner*—Alan P. Douglas

*Assistant Examiner*—Reid Hecker

*Attorney, Agent, or Firm*—Shlesinger, Arkwright & Garvey LLP

[57] **CLAIM**

The ornamental design for a coupling and nut assembly for a fluid purification system, as shown and described.

**DESCRIPTION**

FIG. 1 is a right front perspective exploded view of a coupling and a nut according to the present invention;

FIG. 2 is a front elevational exploded view of the assembly shown in FIG. 1;

FIG. 3 is a front elevational view of the assembly shown in FIG. 1, and showing the coupling and the nut assembled;

FIG. 4 is a left end elevational view of the assembly shown in FIG. 3;

FIG. 5 is a right end elevational view of the assembly shown in FIG. 3;

FIG. 6 is a right front perspective exploded view of a second embodiment of the present invention and illustrating a coupling and a nut;

FIG. 7 is a right end elevational view of the assembly shown in FIG. 6, when assembled;

FIG. 8 is a right front perspective exploded view of a third embodiment of the present invention illustrating a coupling and a nut;

FIG. 9 is a front elevational exploded view of the assembly shown in FIG. 8;

FIG. 10 is a front elevational view of the assembly shown in FIG. 8, and showing the coupling and the nut assembled;

FIG. 11 is a left end elevational view of the assembly shown in FIG. 10;

FIG. 12 is a right end elevational view of the assembly shown in FIG. 10;

FIG. 13 is a right front perspective exploded view of a fourth embodiment of the present invention illustrating a coupling and a nut;

FIG. 14 is a right end elevational view of the assembly shown in FIG. 13, when assembled; and,

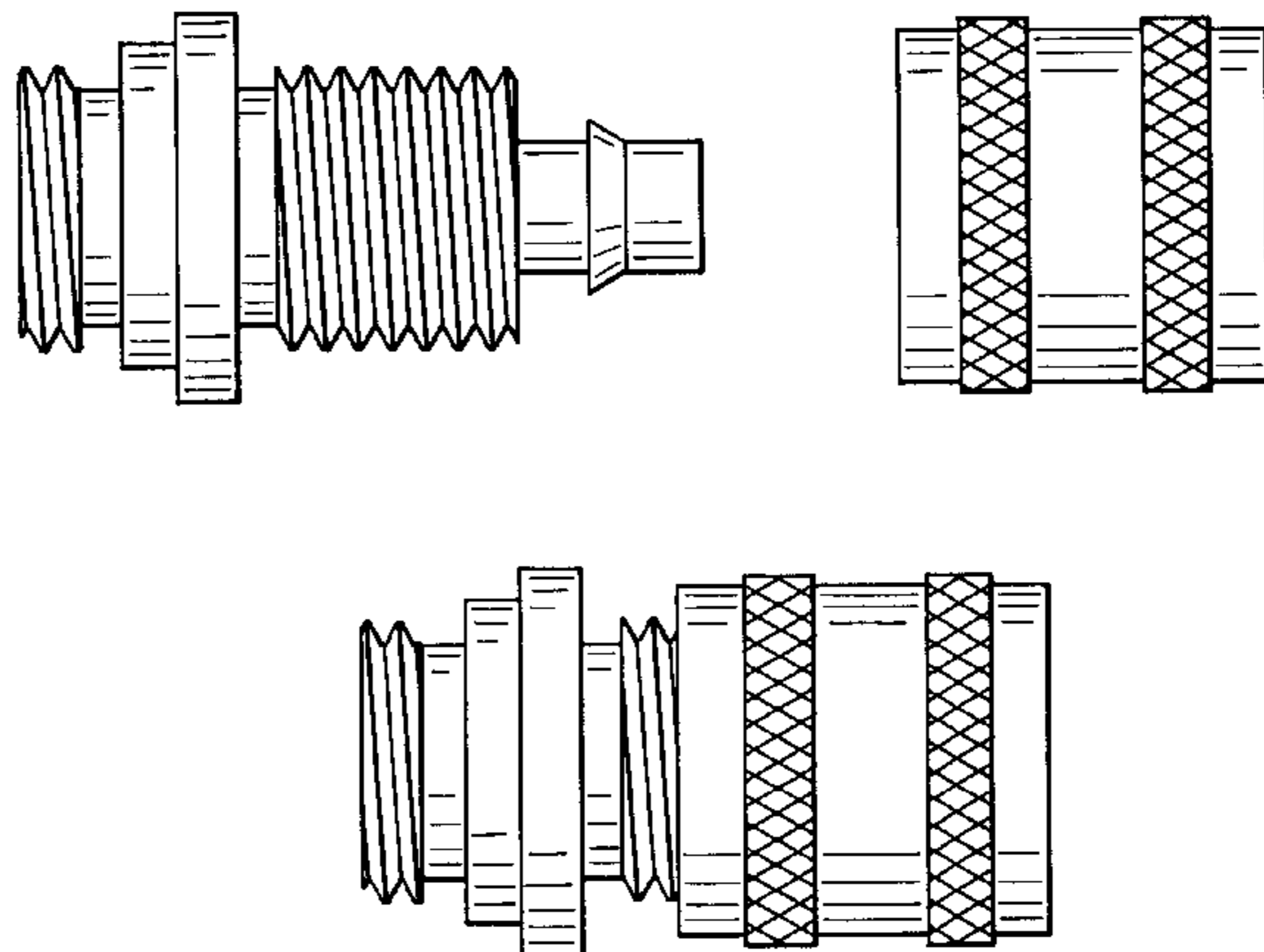
FIG. 15 is a left end elevational view showing only the nut illustrated in FIGS. 2 and 9.

The opposite elevational views of FIGS. 2, 3, 9 and 10 are mirror images of the perspective views.

In addition to the first embodiment, FIGS. 2, 3 and 4 are also representative views for the respective views of the second embodiment of the present invention.

In addition to the third embodiment, FIGS. 9, 10 and 11 are also representative views for the respective views of the fourth embodiment of the present invention.

**1 Claim, 3 Drawing Sheets**



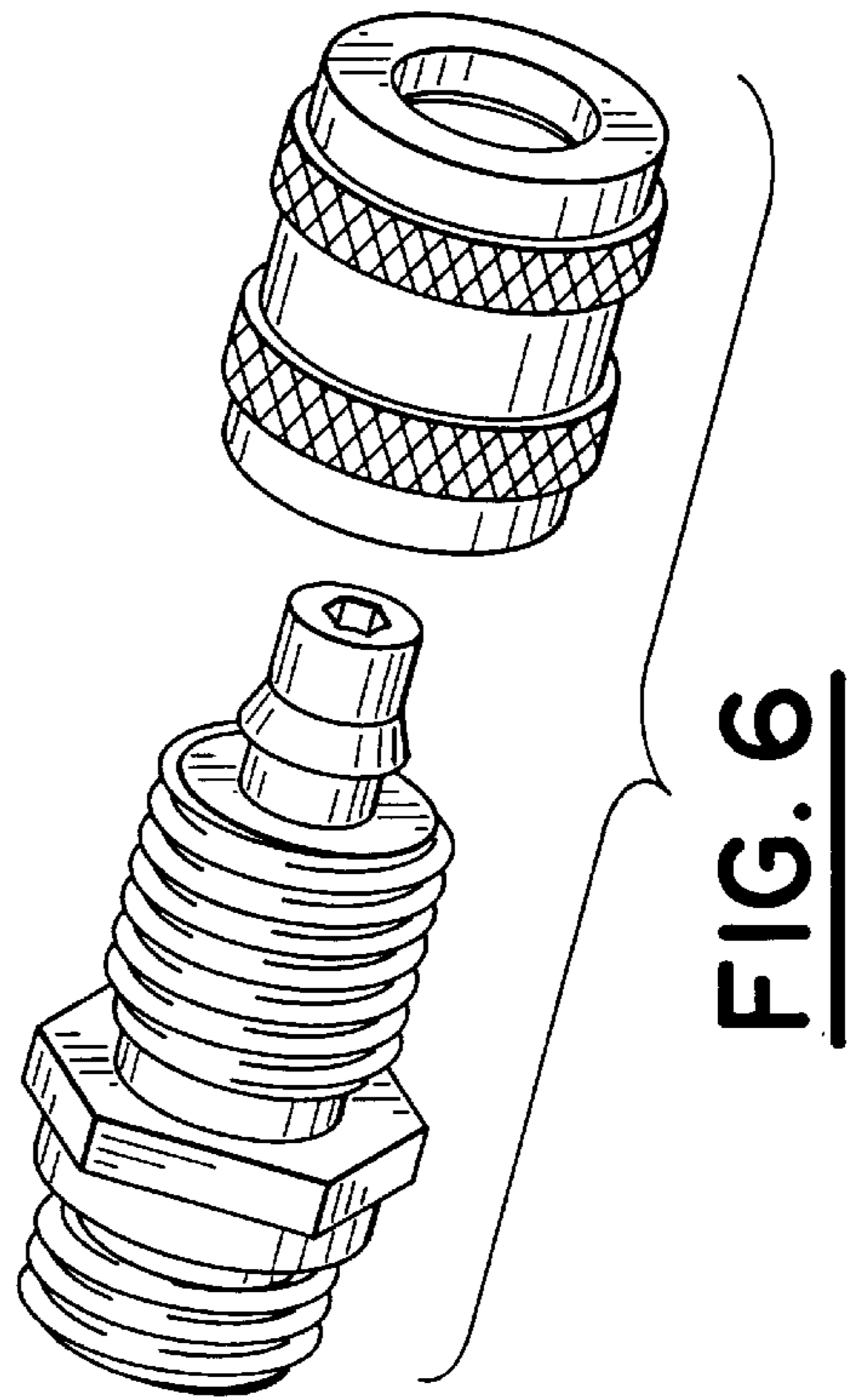
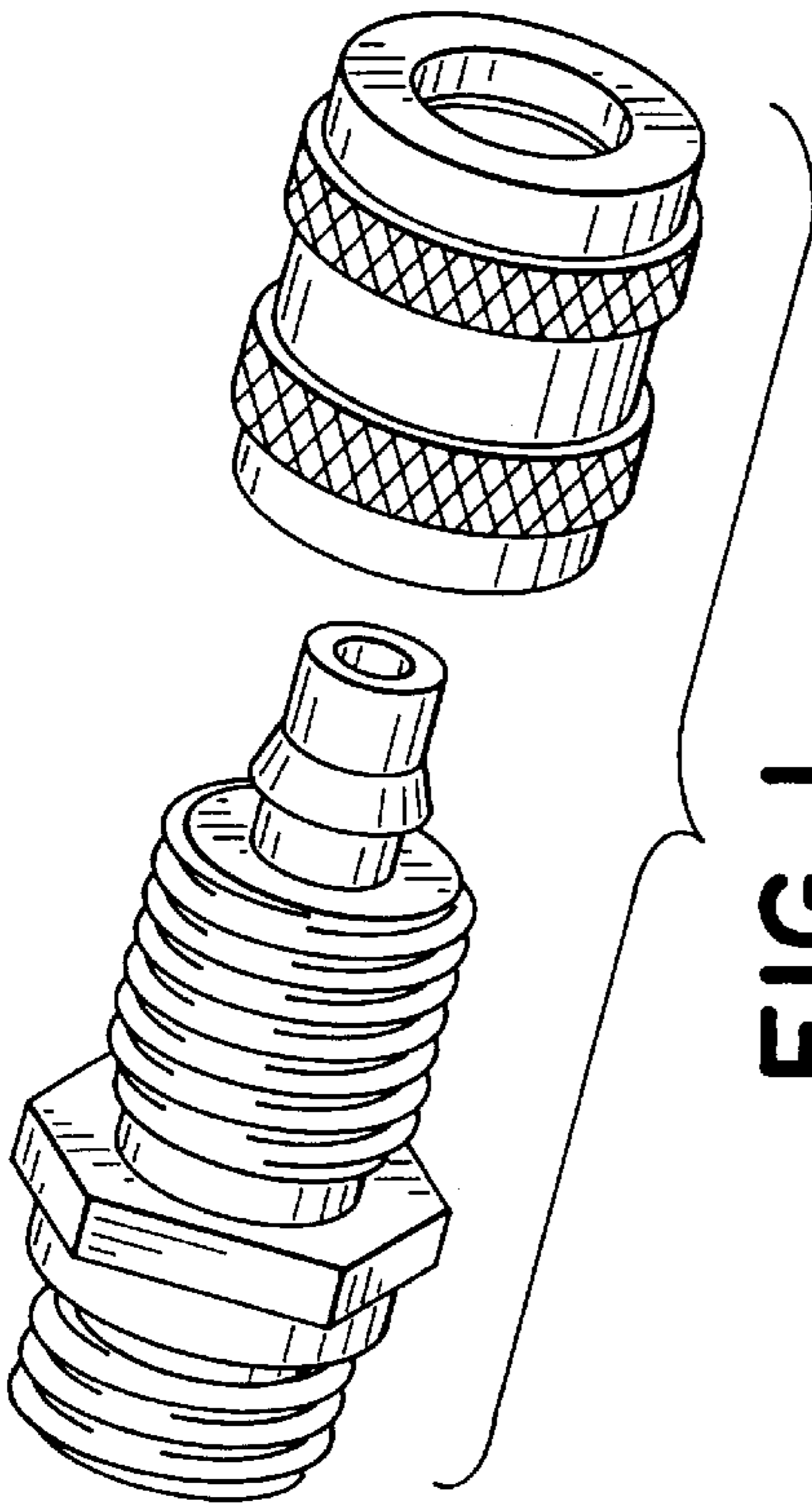
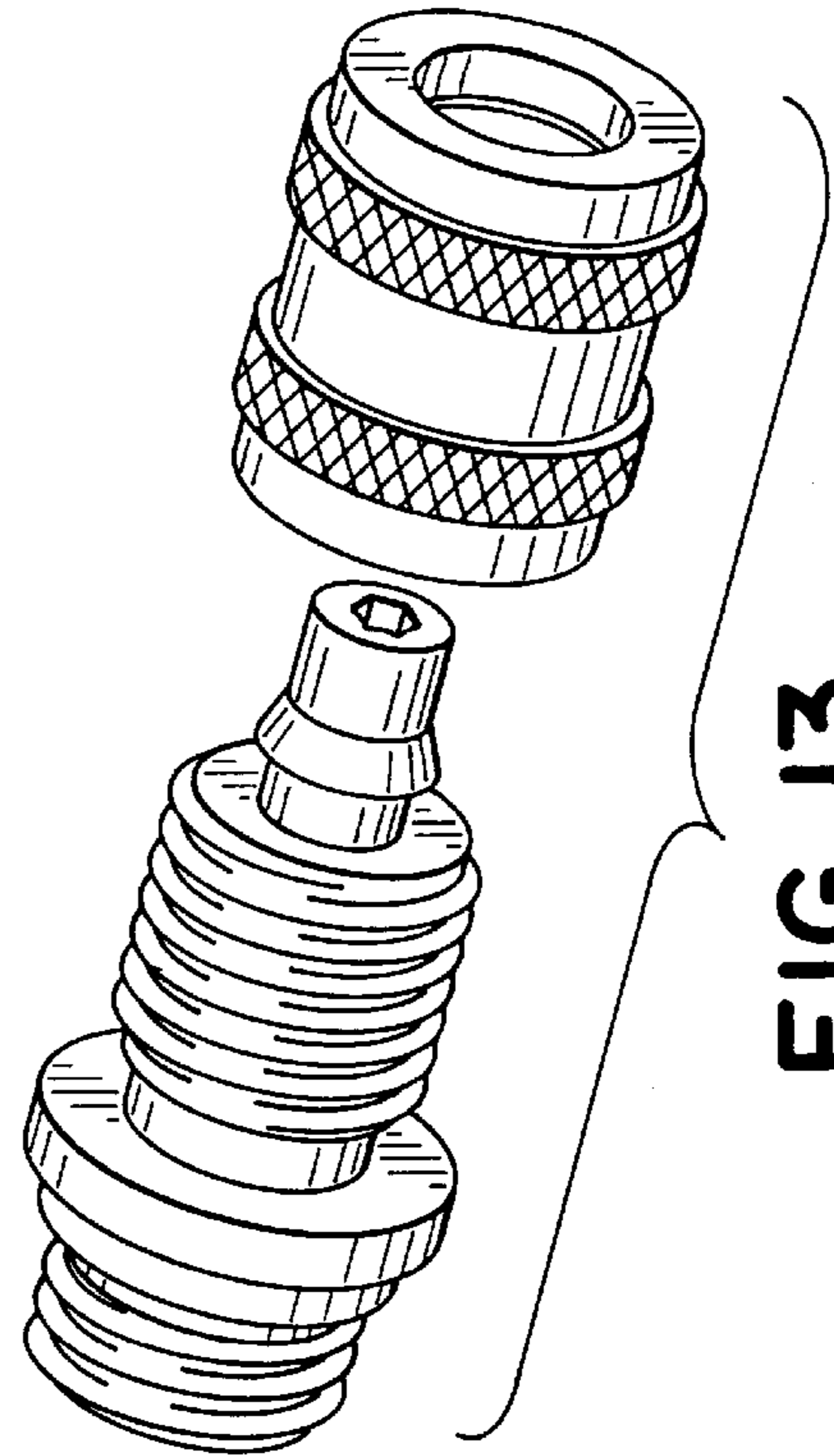
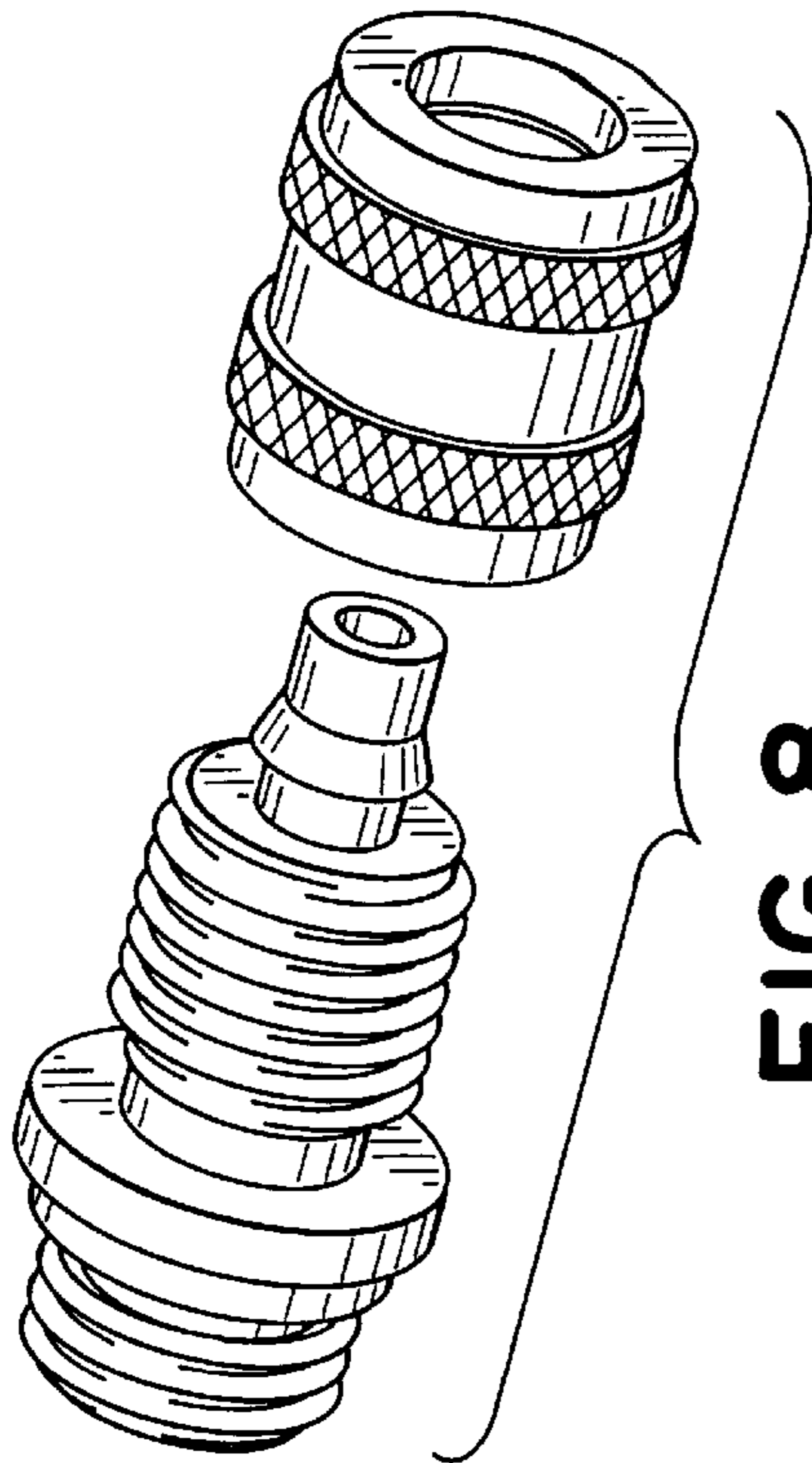
# Des. 413,967

Page 2

---

## U.S. PATENT DOCUMENTS

D. 333,179	2/1993	Mikiya et al. ....	D23/262	3,306,319	2/1967	Kendt et al. .	
3,184,256	5/1965	Zavertnik .....	285/12	3,593,743	7/1971	Guth .	
3,245,700	4/1966	Appleton .....	285/149.1	4,736,969	4/1988	Fouts .....	285/247
				5,487,833	1/1996	Fife et al. .	



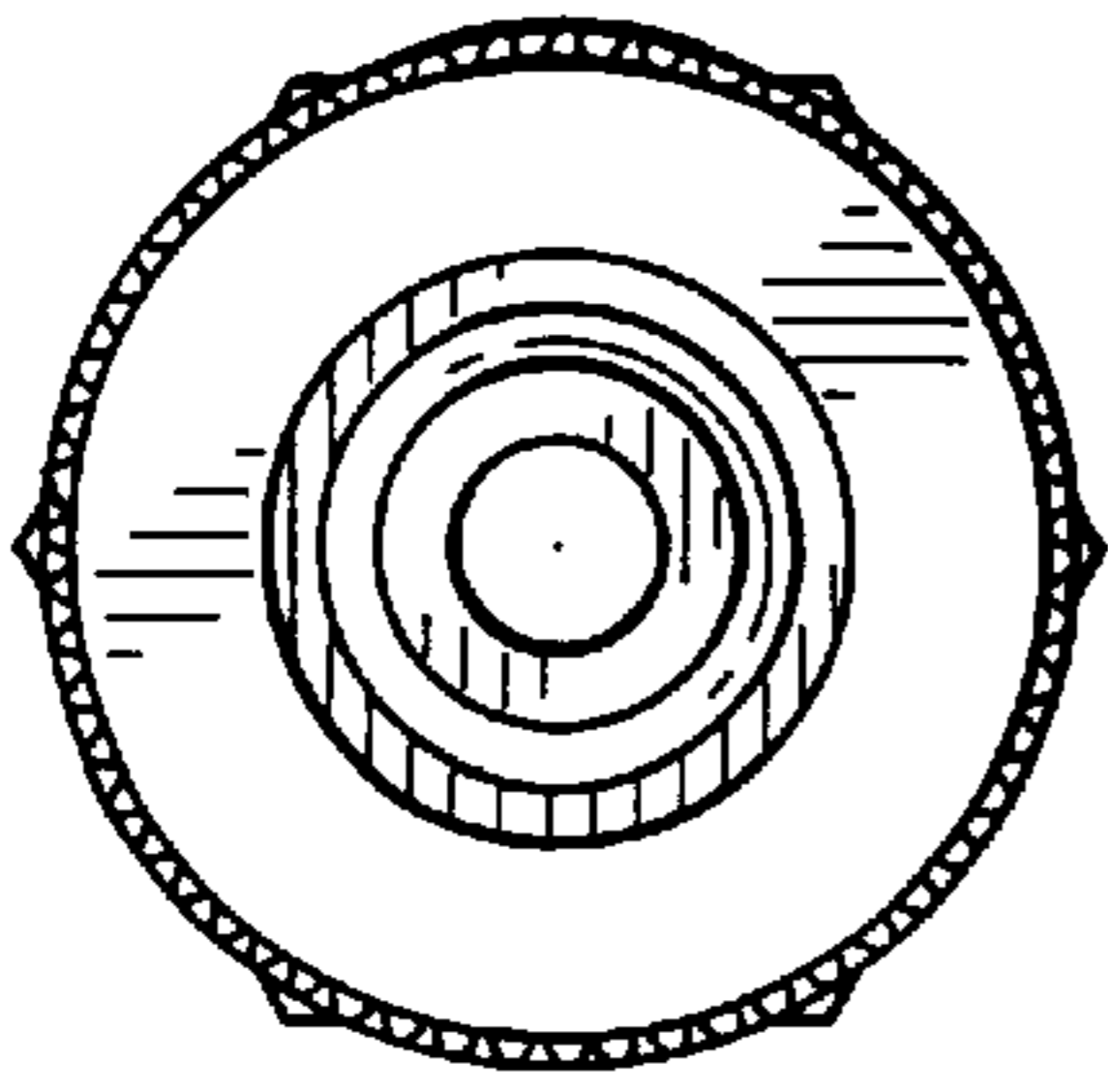


FIG. 5

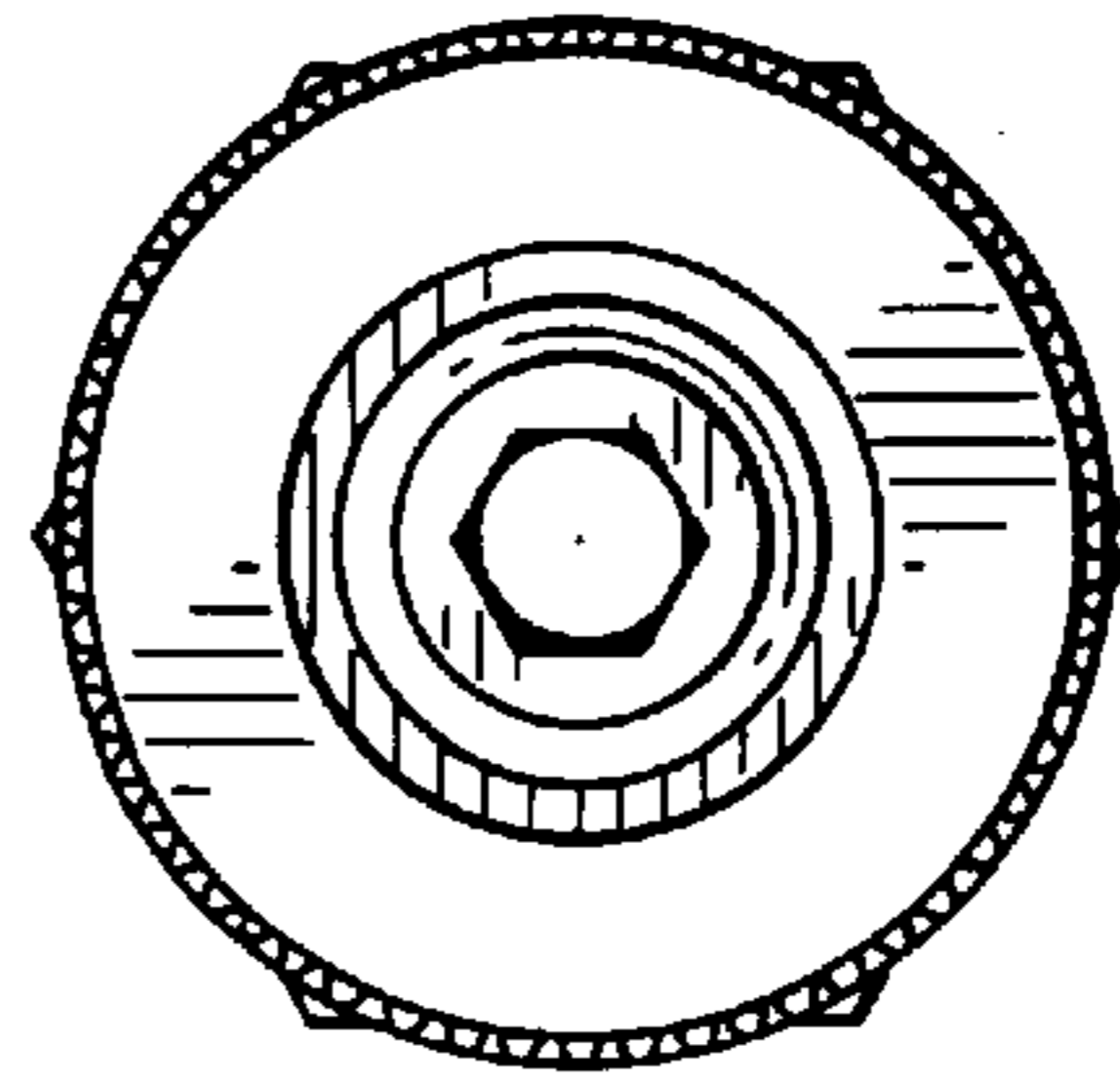


FIG. 7

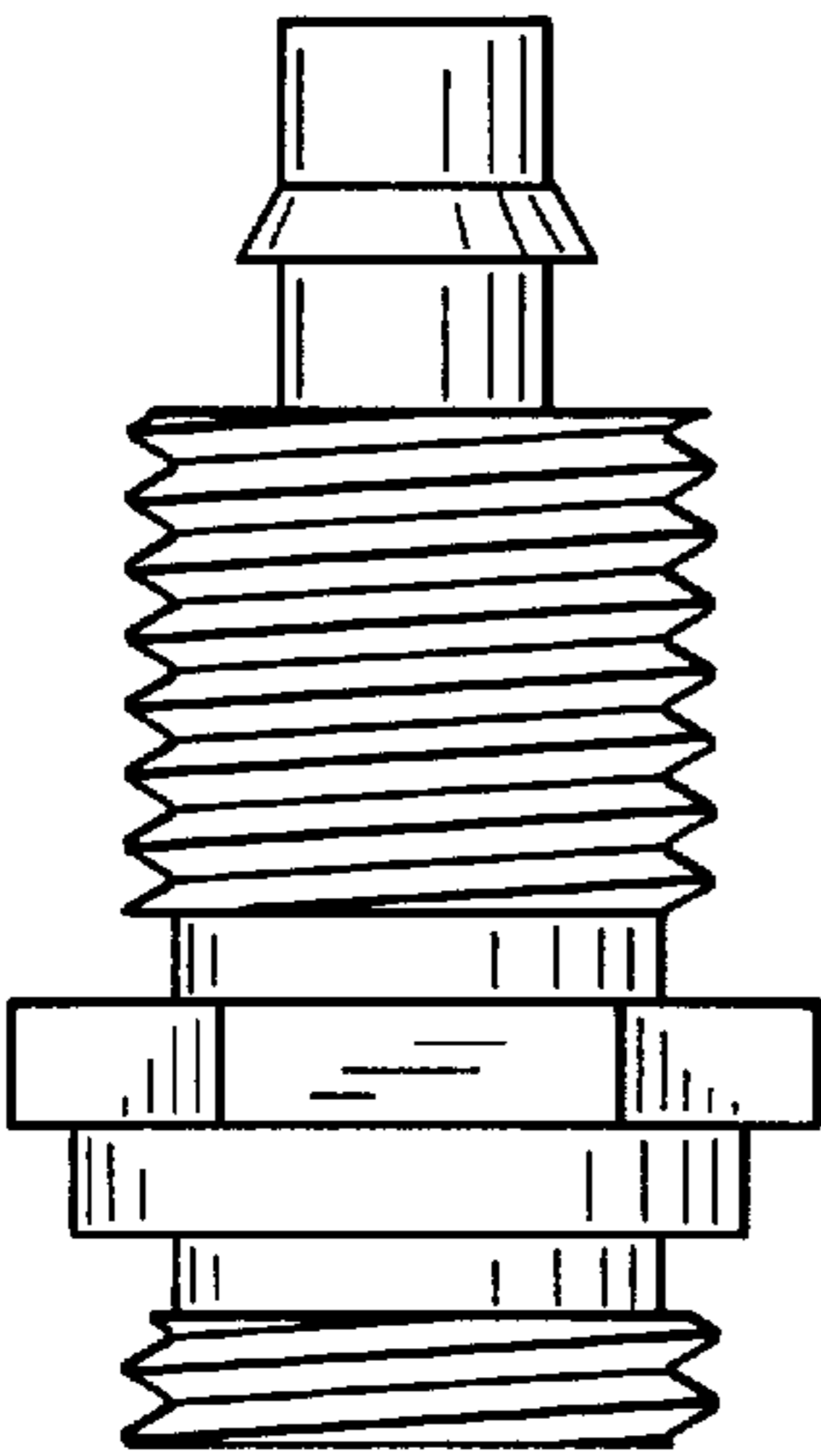
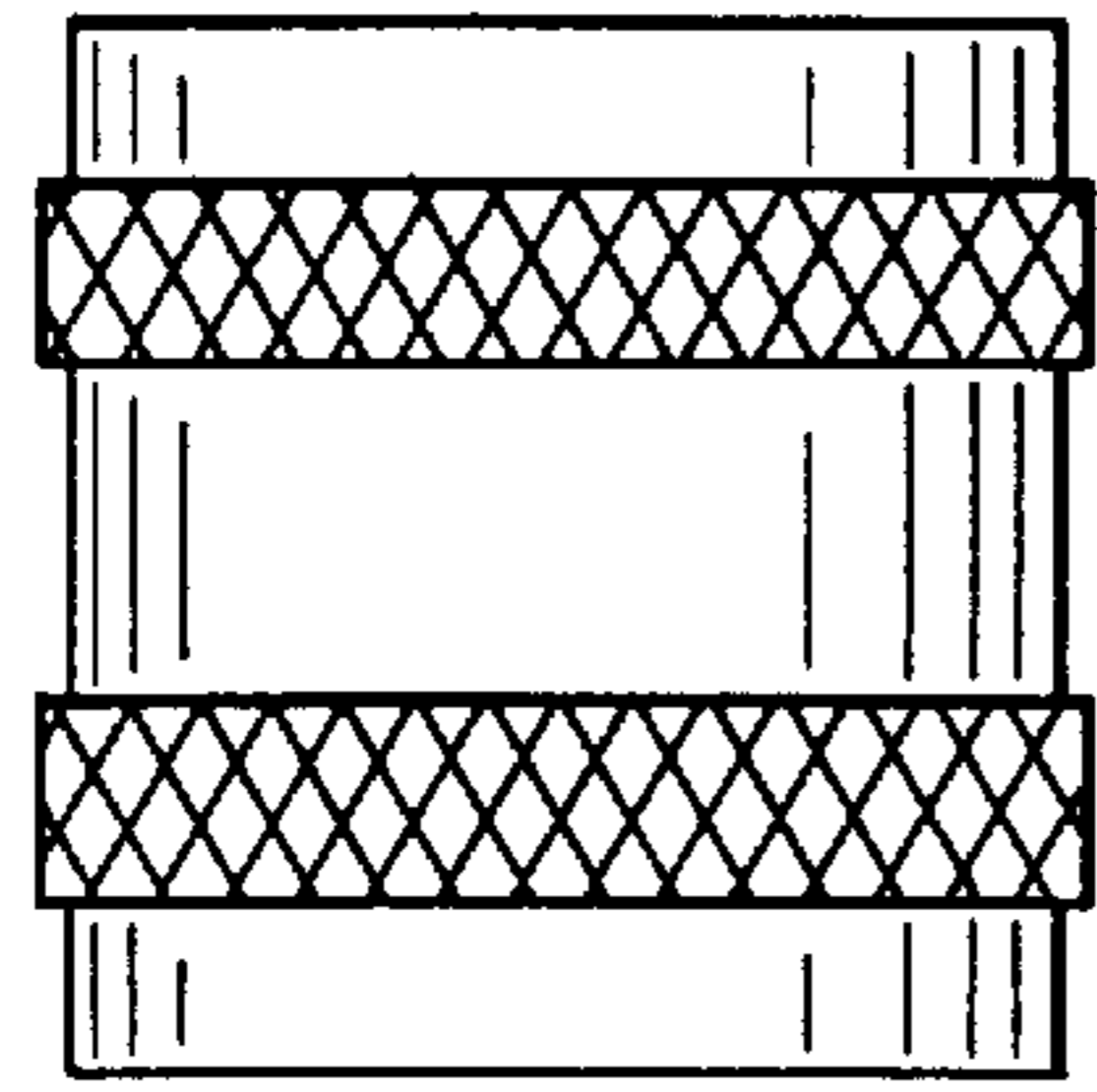


FIG. 2

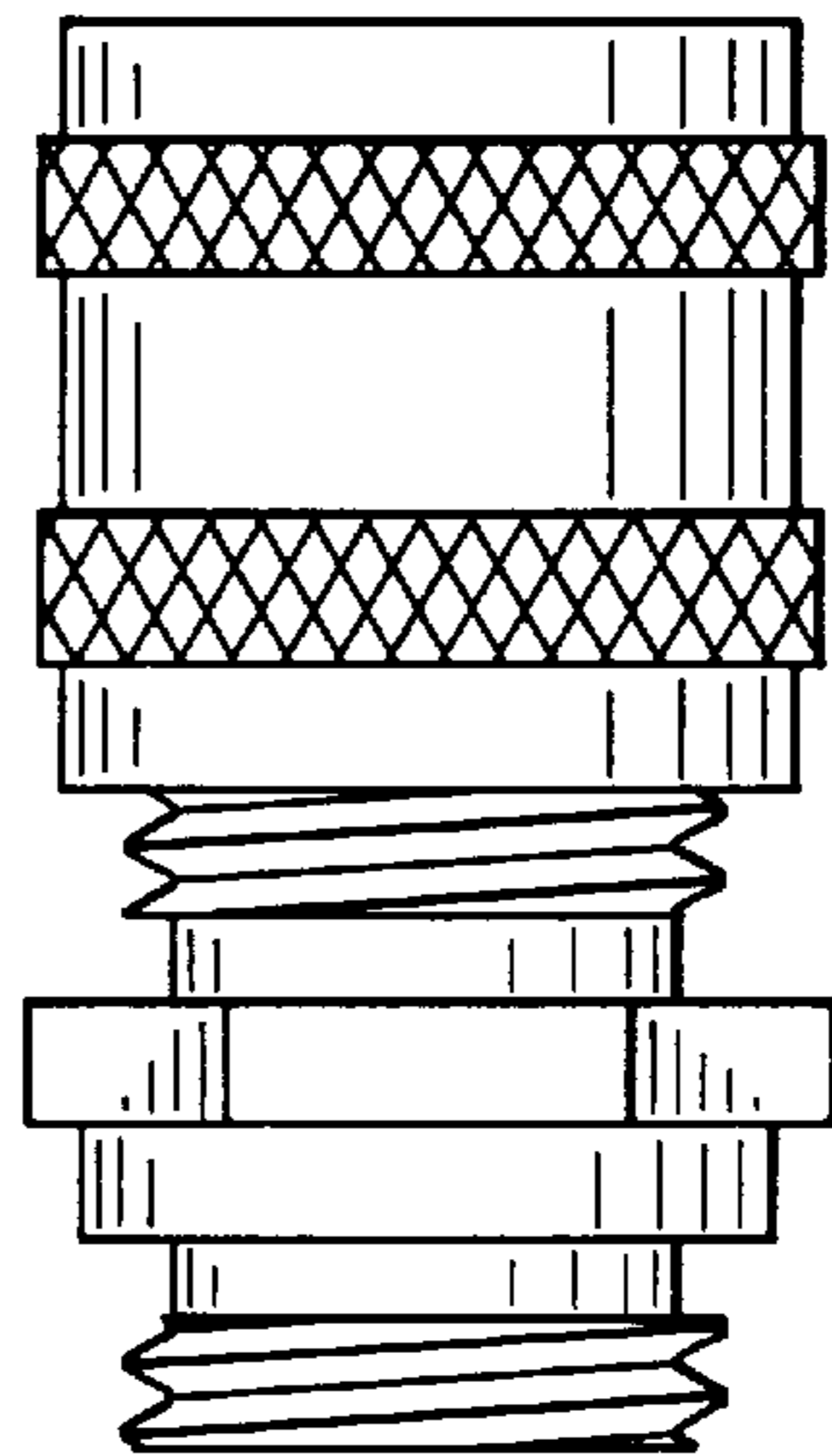


FIG. 3

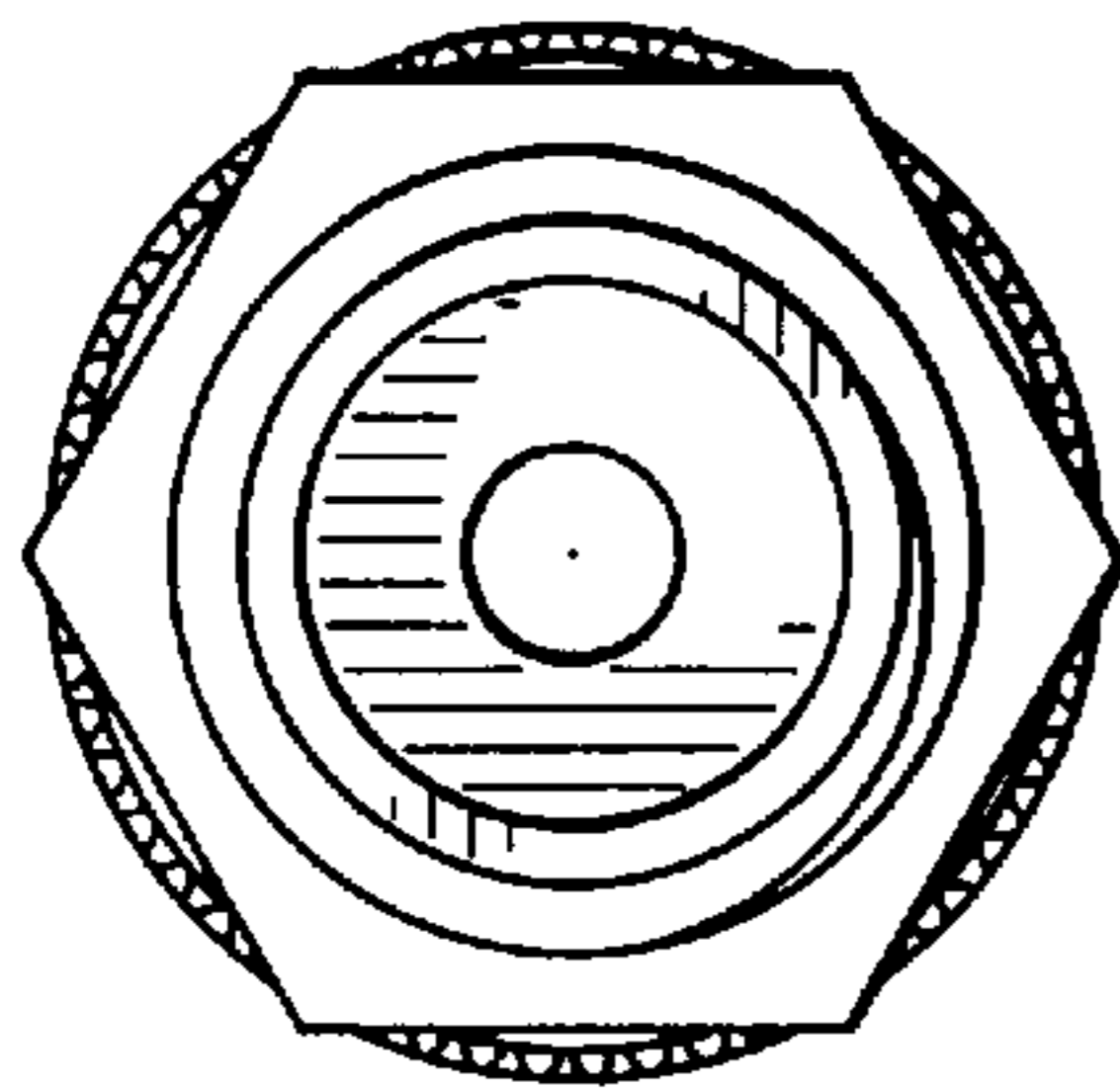


FIG. 4

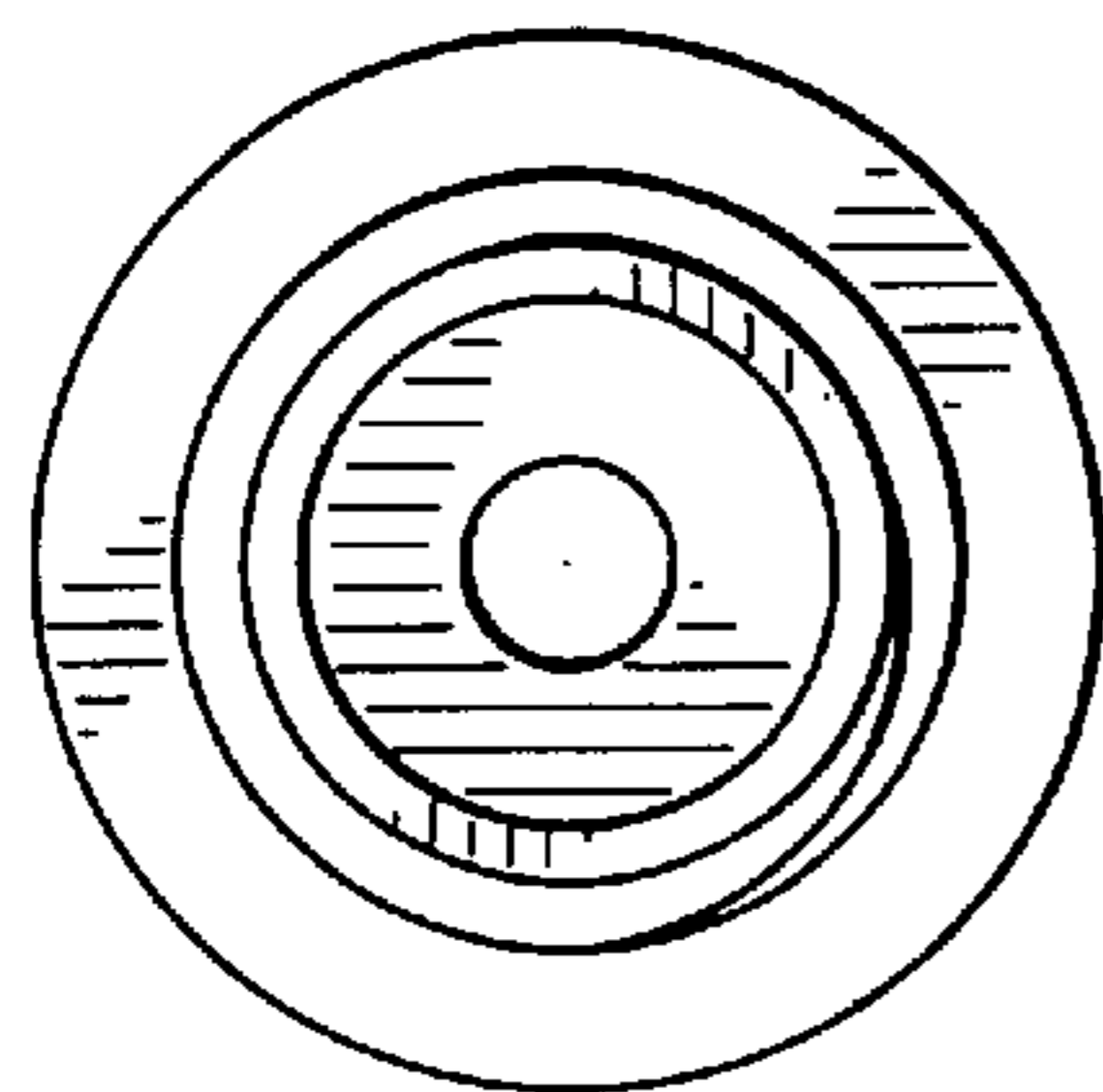


FIG. 11

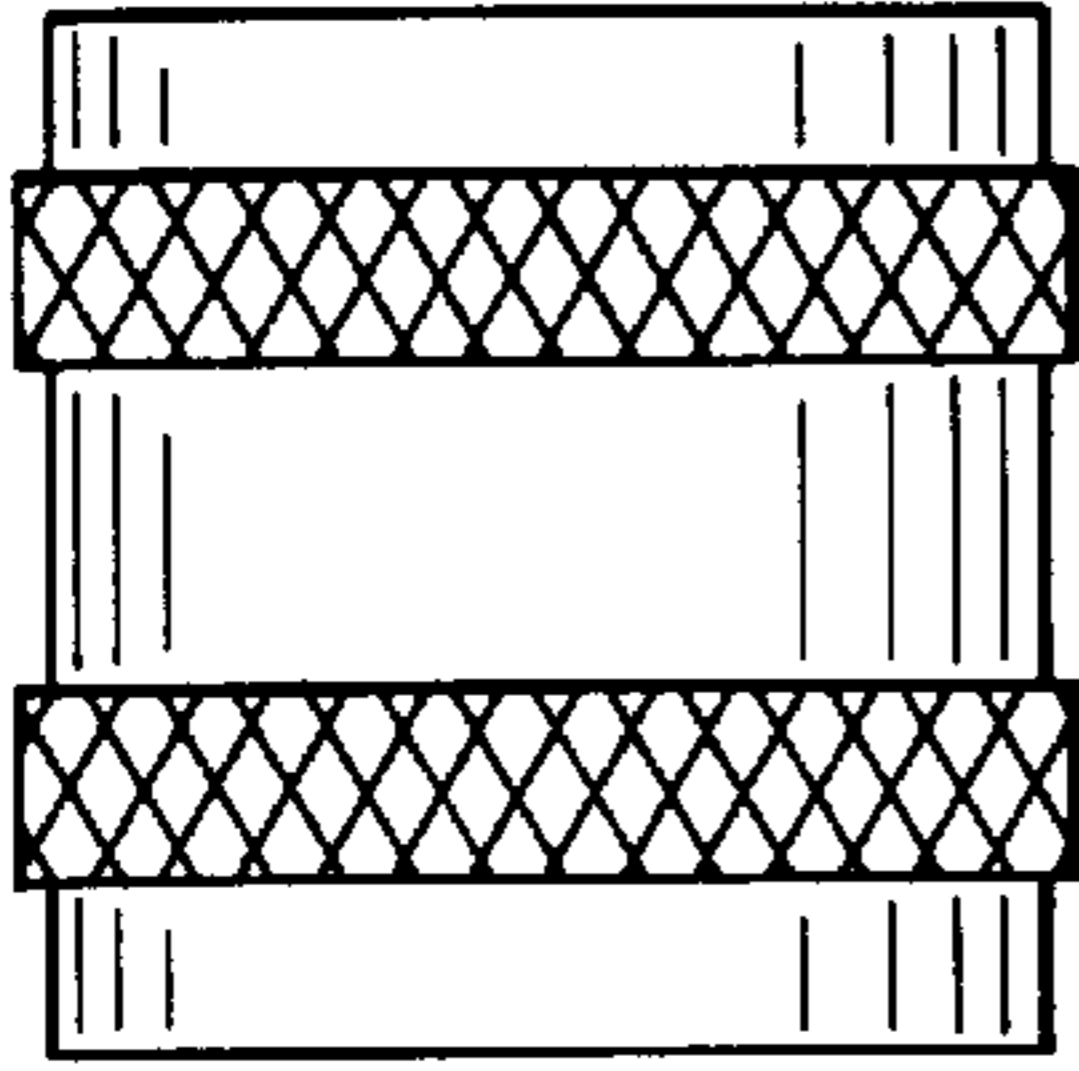
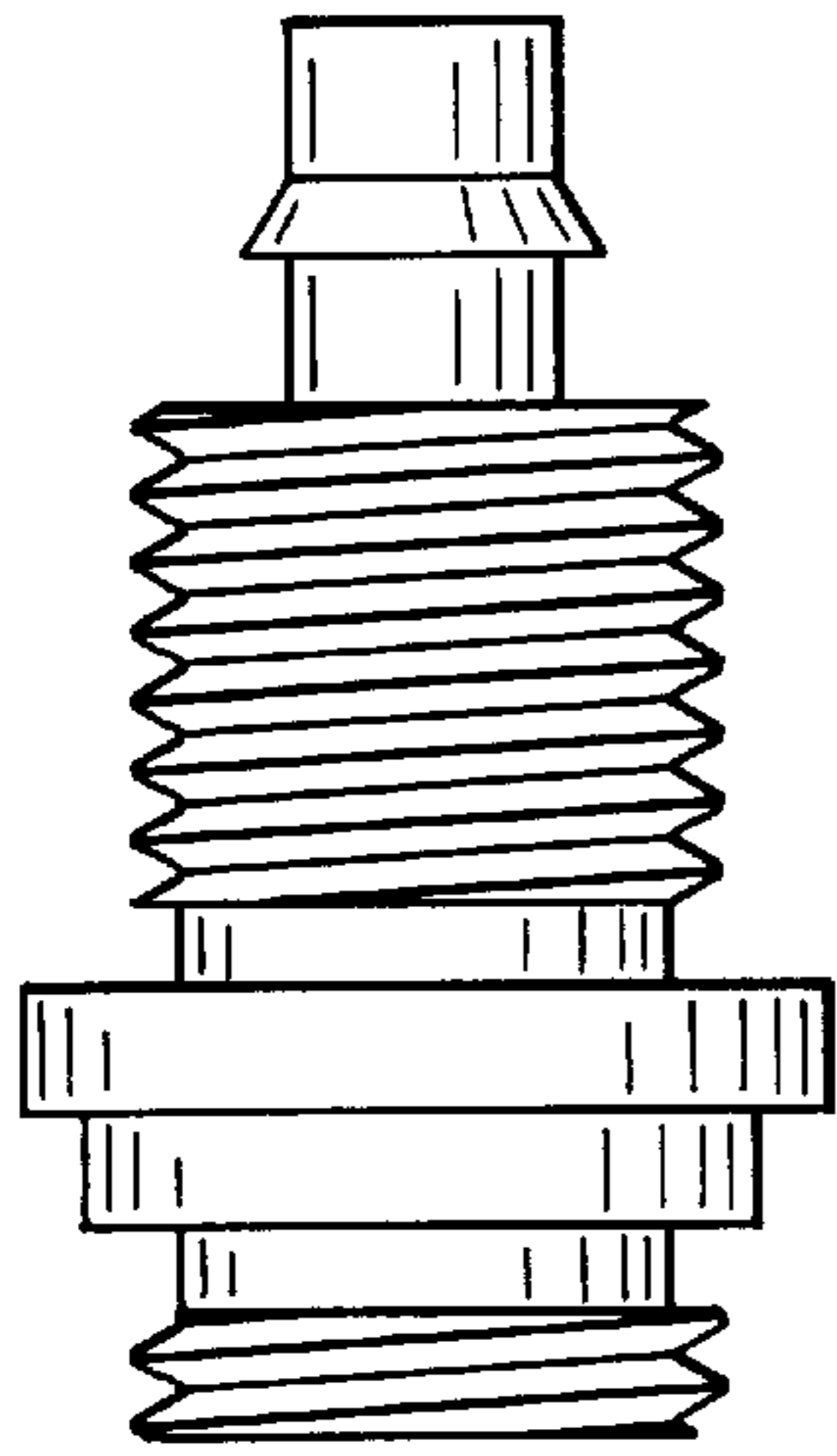


FIG. 9

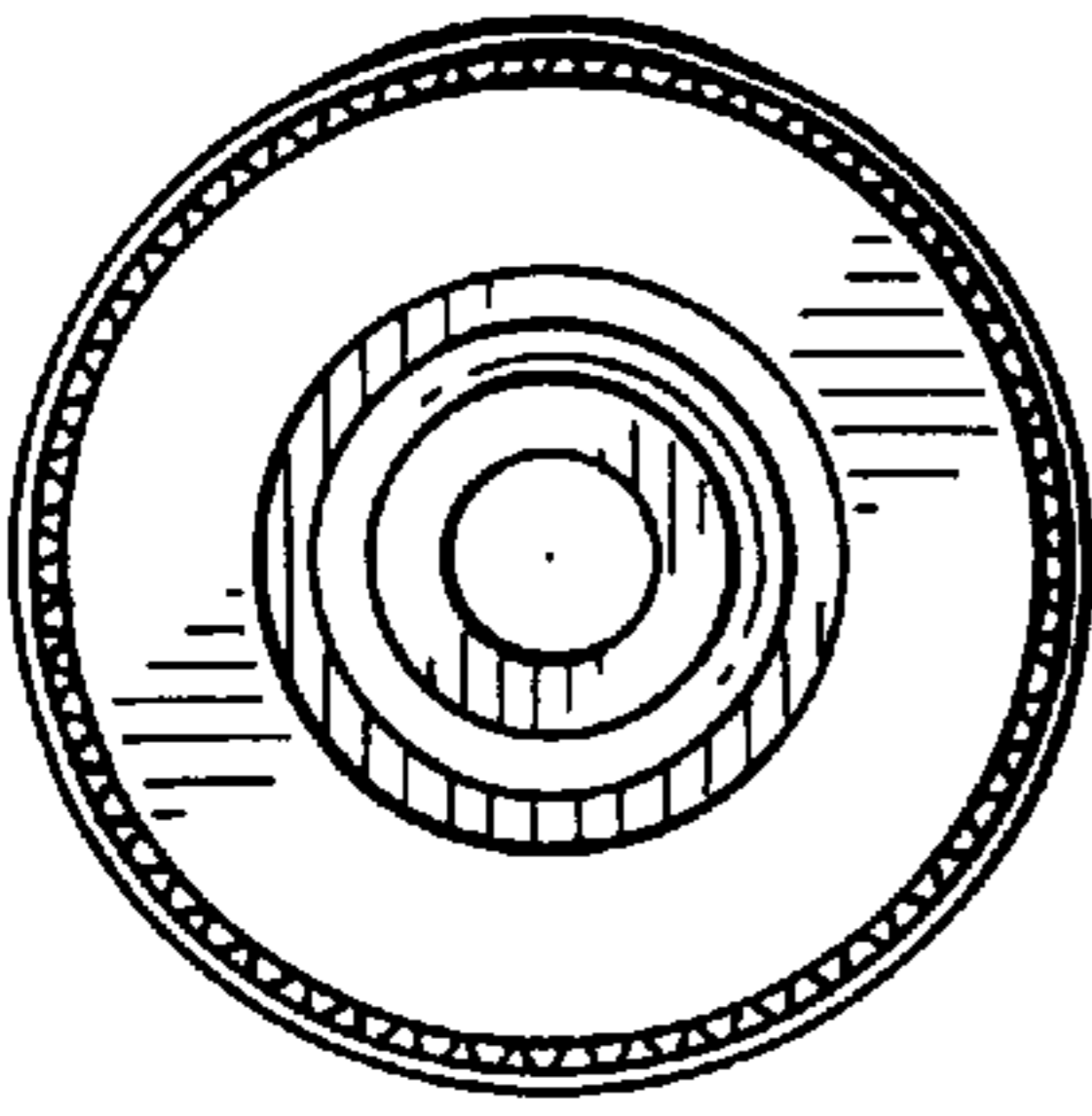


FIG. 12

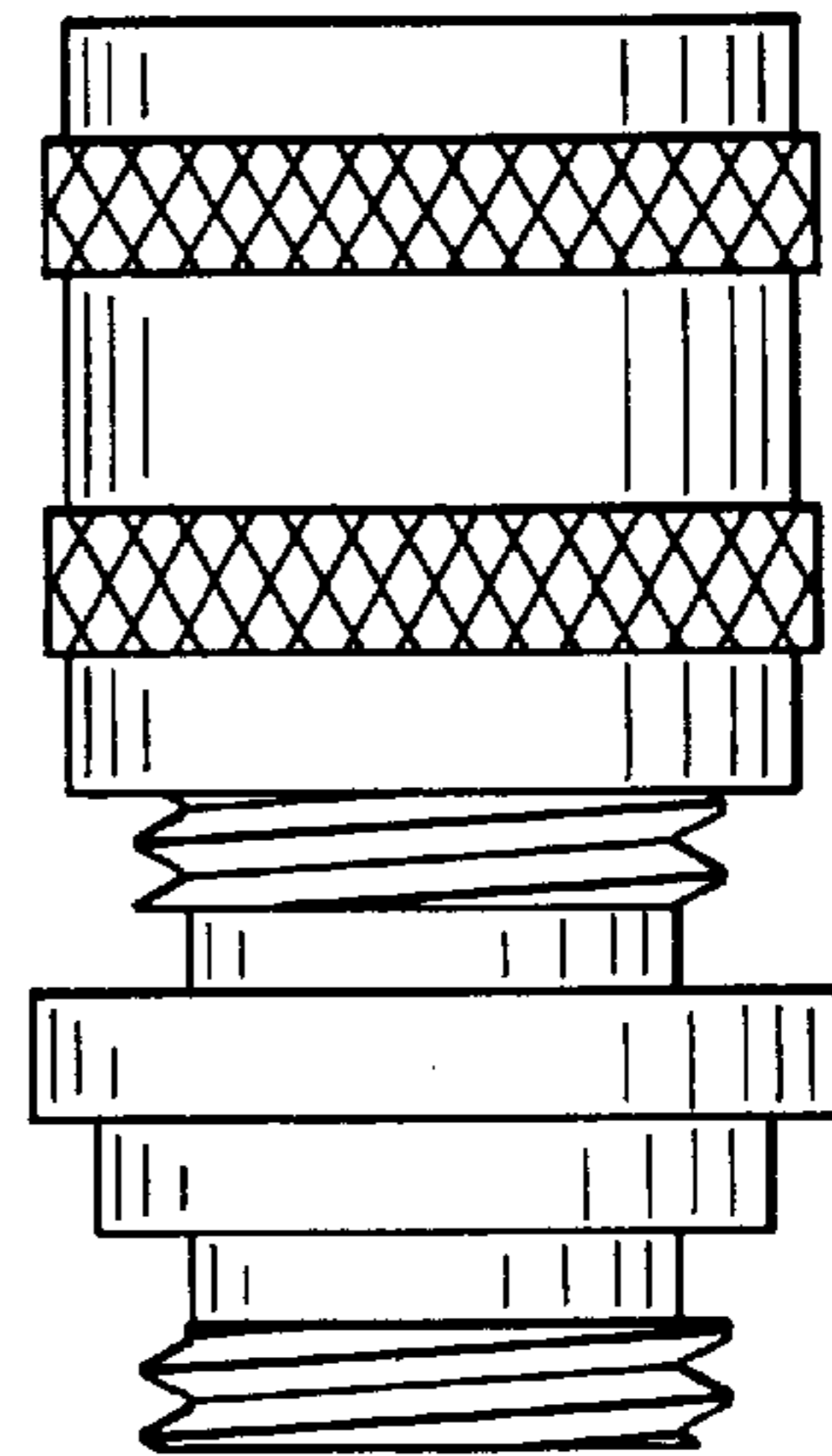


FIG. 10

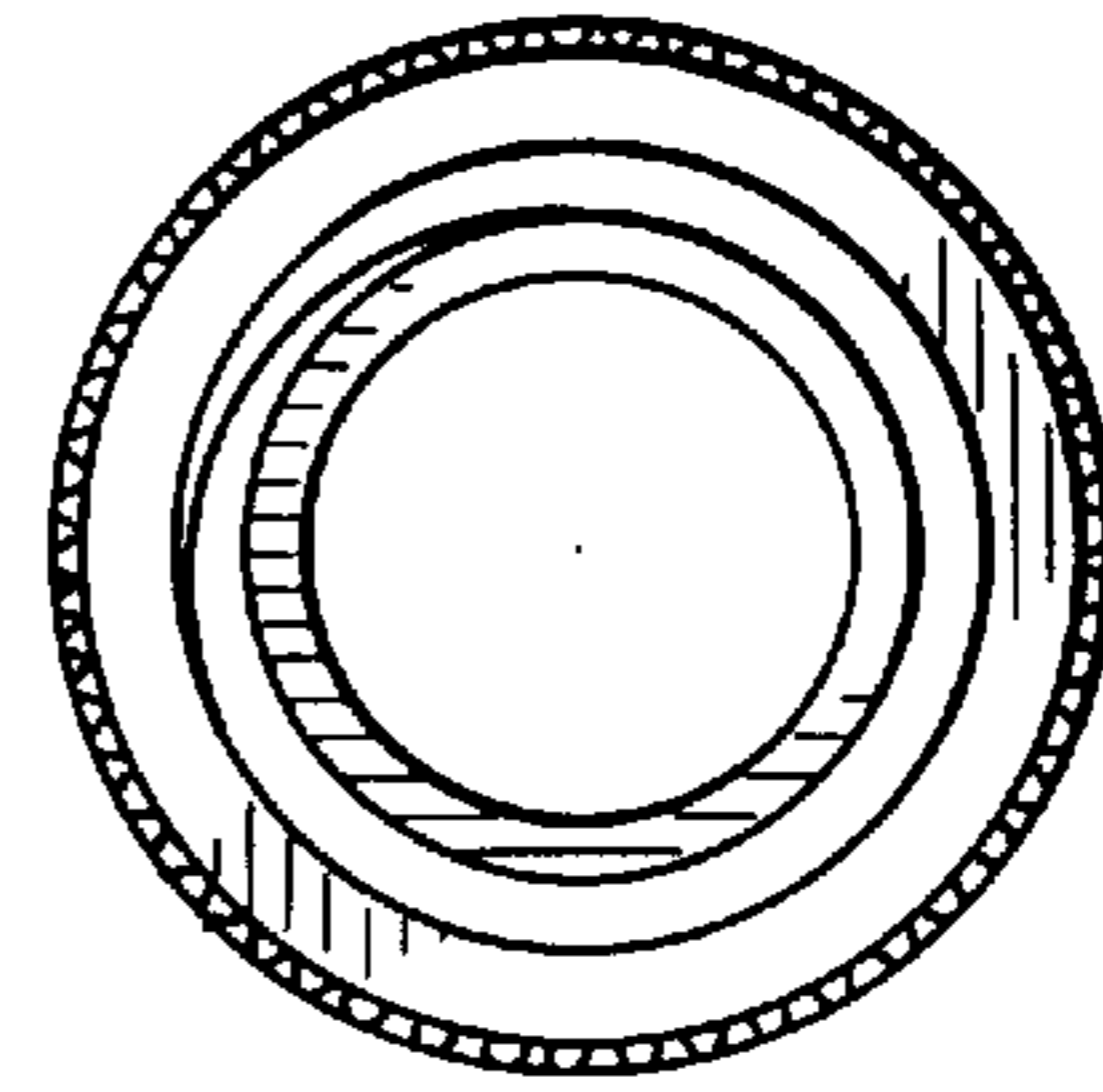


FIG. 15

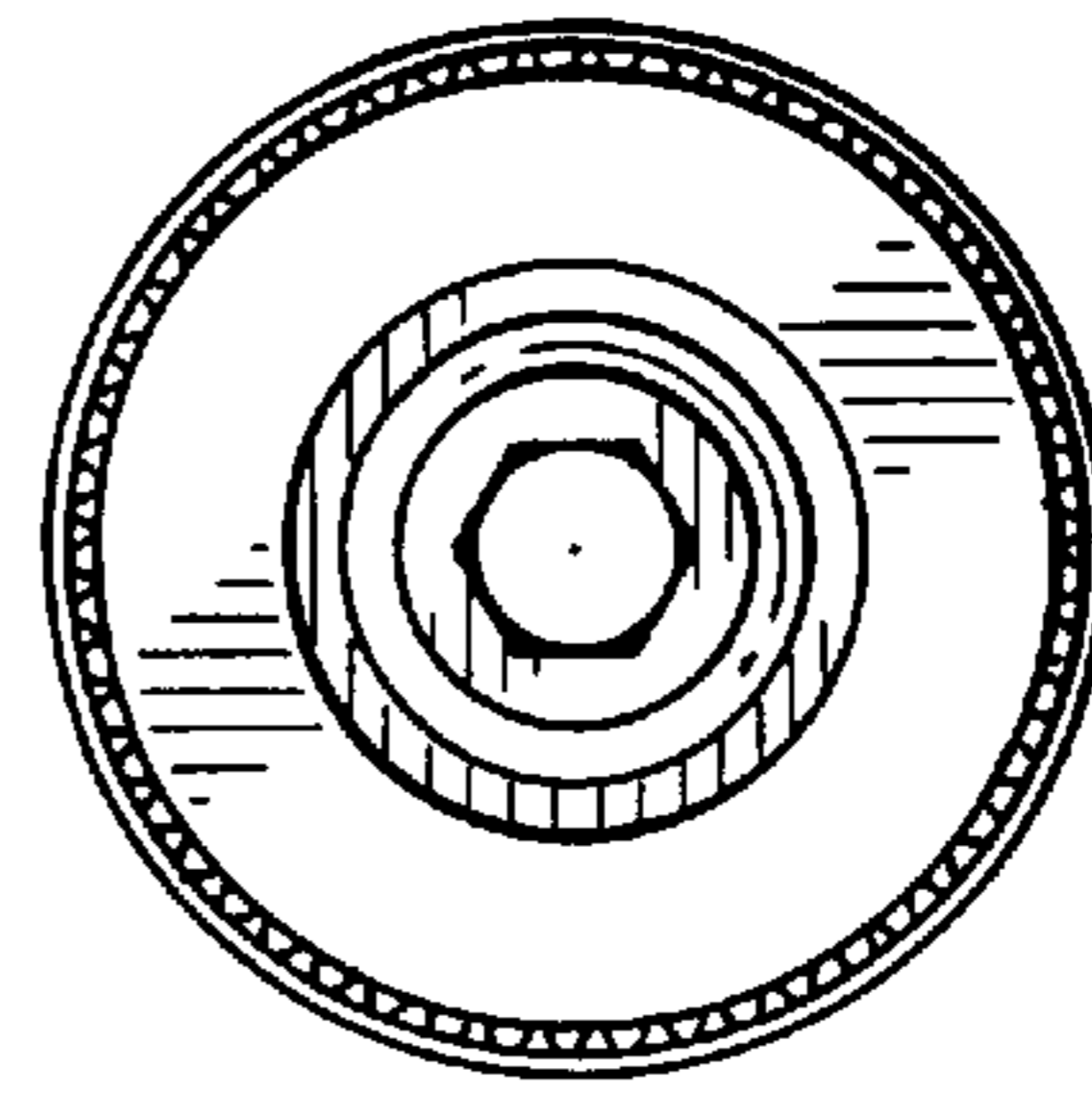


FIG. 14