



US00D347894S

# United States Patent [19]

[11] Patent Number: **Des. 347,894**

Hansen et al.

[45] Date of Patent: **\*\* Jun. 14, 1994**

[54] **ADAPTOR TOP FOR A PEN SYRINGE AMPOULE**

[58] Field of Search ..... 604/411, 336, 232, 412, 604/413, 414, 263, 264, 415, 68, 403; D9/439, 449, 435, 450, 454; D24/130, 112, 114, 115, 129, 146

[75] Inventors: **Ib Hansen, Herlev; Soren Mikkelsen, Holte, both of Denmark**

[56] **References Cited**

[73] Assignee: **Novo Nordisk A/S, Bagsvaerd, Denmark**

**U.S. PATENT DOCUMENTS**

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

D. 237,552	11/1975	Willmott .....	D24/129
2,771,074	11/1956	Landsperger et al. ....	604/411
4,662,878	5/1987	Lindmayer .....	604/411
4,834,152	5/1989	Howson et al. ....	604/411 X
4,944,736	7/1990	Holtz .....	604/411 X

[21] Appl. No.: **909,944**

*Primary Examiner*—A. Hugo Word  
*Assistant Examiner*—I. Simmons  
*Attorney, Agent, or Firm*—Steve T. Zelson

[22] Filed: **Jul. 7, 1992**

[57] **CLAIM**

**Related U.S. Application Data**

The ornamental design for an adaptor top for a pen syringe ampoule, as shown and described.

[63] Continuation-in-part of Ser. No. 768,684, Oct. 9, 1991.

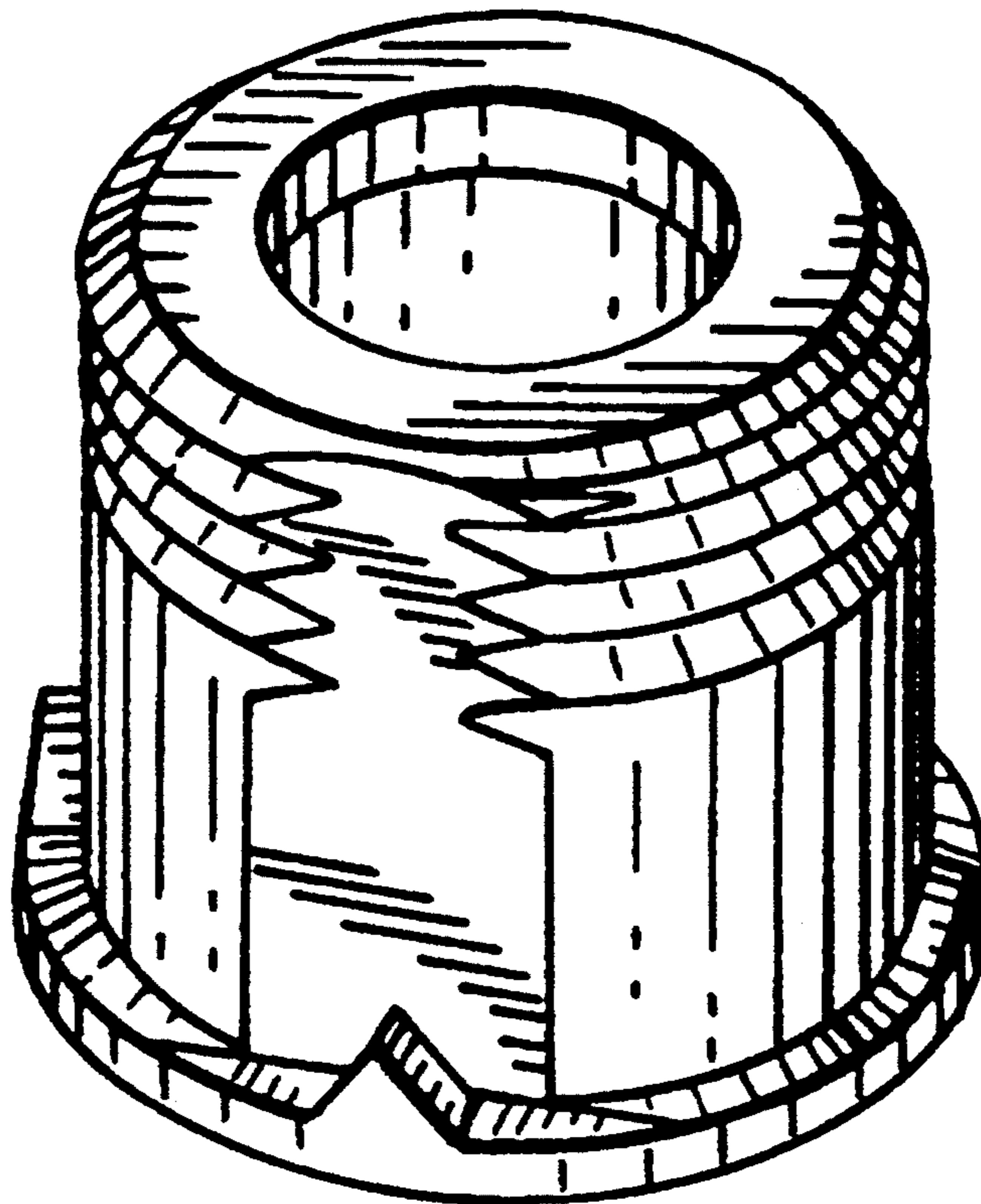
**DESCRIPTION**

[30] **Foreign Application Priority Data**

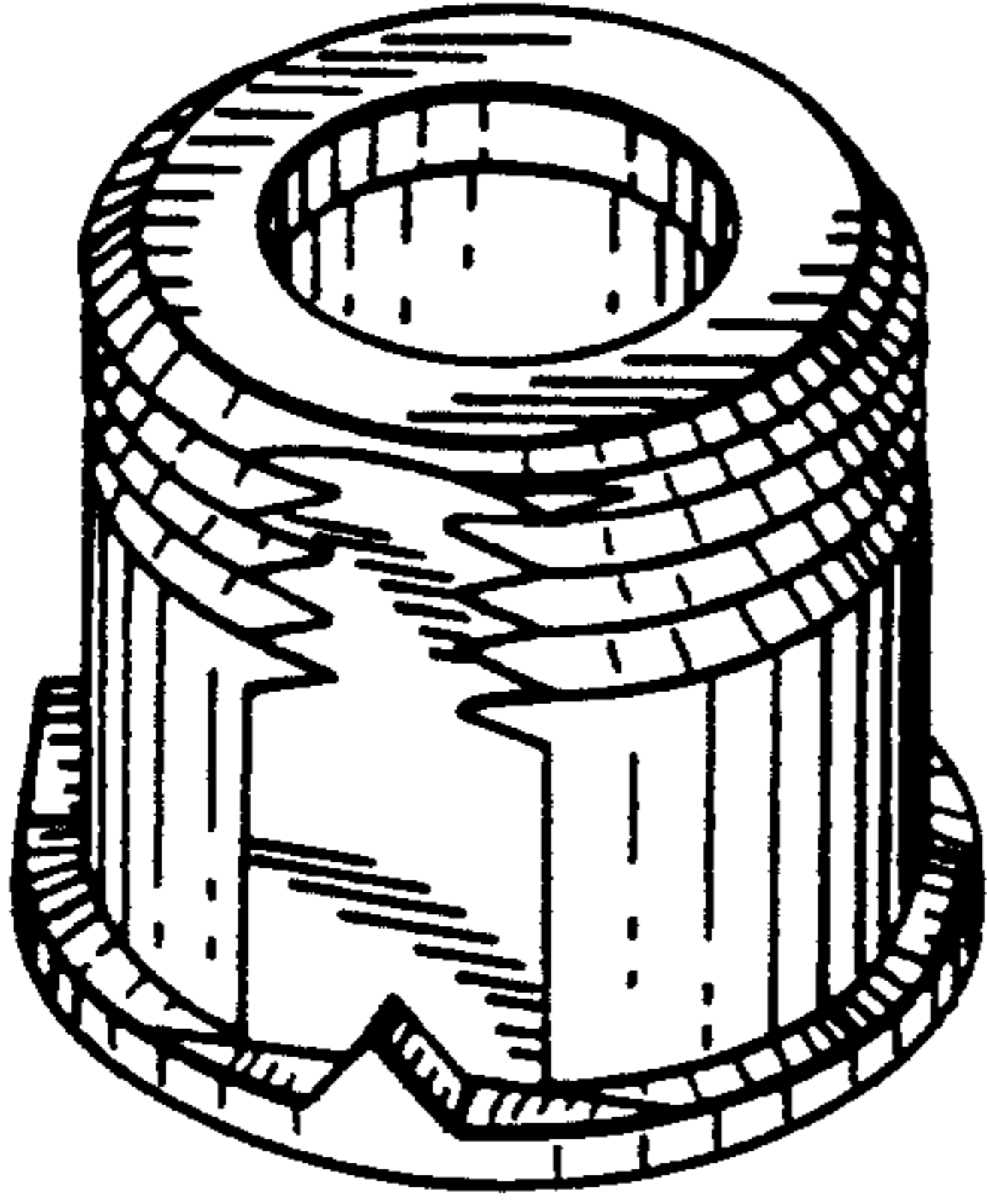
Sep. 21, 1990	[DK]	Denmark .....	2282/90
May 16, 1991	[DK]	Denmark .....	926/91
Sep. 20, 1991	[WO]	PCT Int'l Appl. ....	PCT/DK91/00282

[52] U.S. Cl. .... **D24/129; D9/439; D24/114**

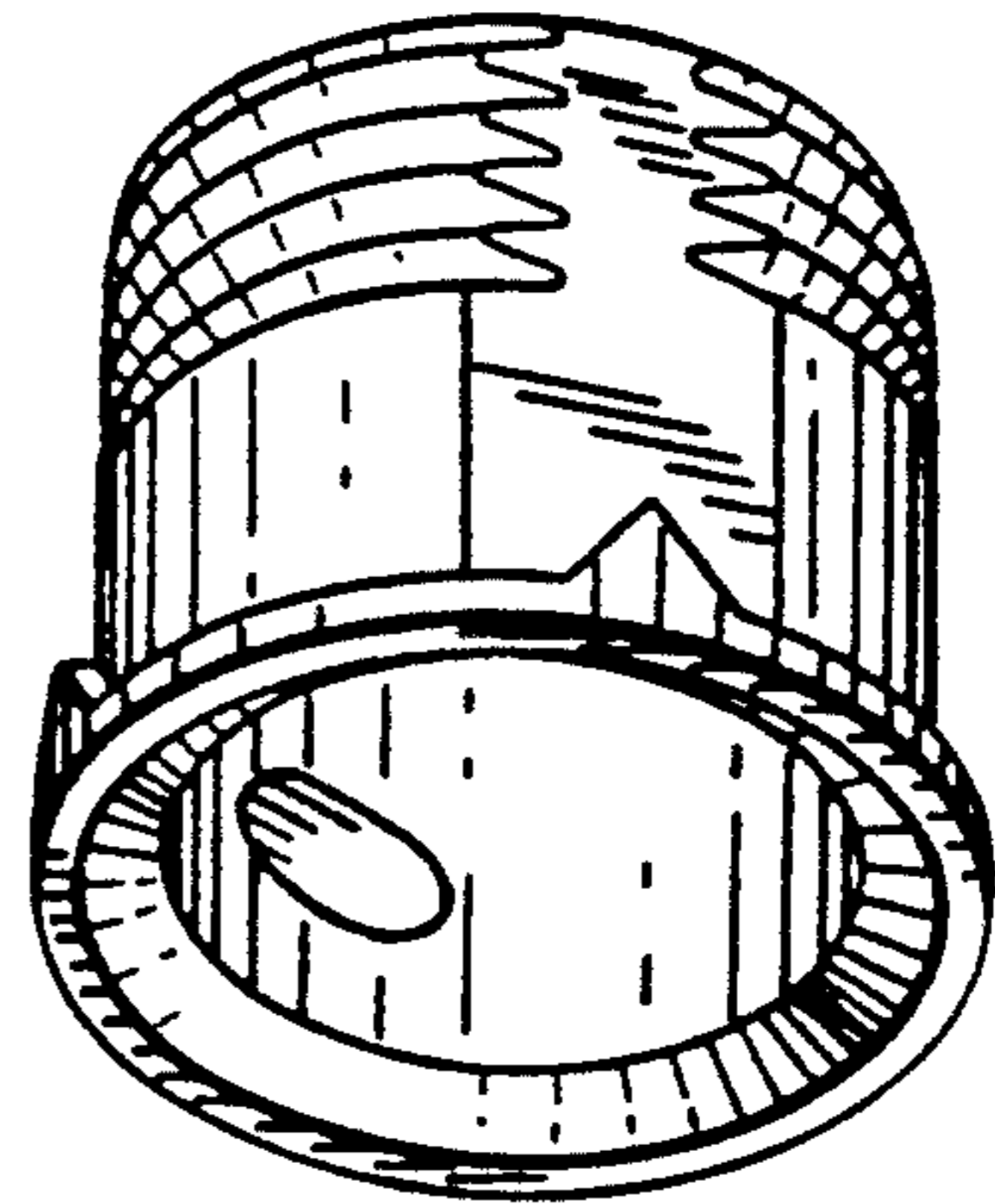
FIG. 1 is a top front and right side perspective view;  
FIG. 2 is a bottom front and left side perspective view;  
FIG. 3 is a top plan view;  
FIG. 4 is a front view;  
FIG. 5 is a side view;  
FIG. 6 is a side view rotated 45 degrees; and,  
FIG. 7 is bottom plan view.



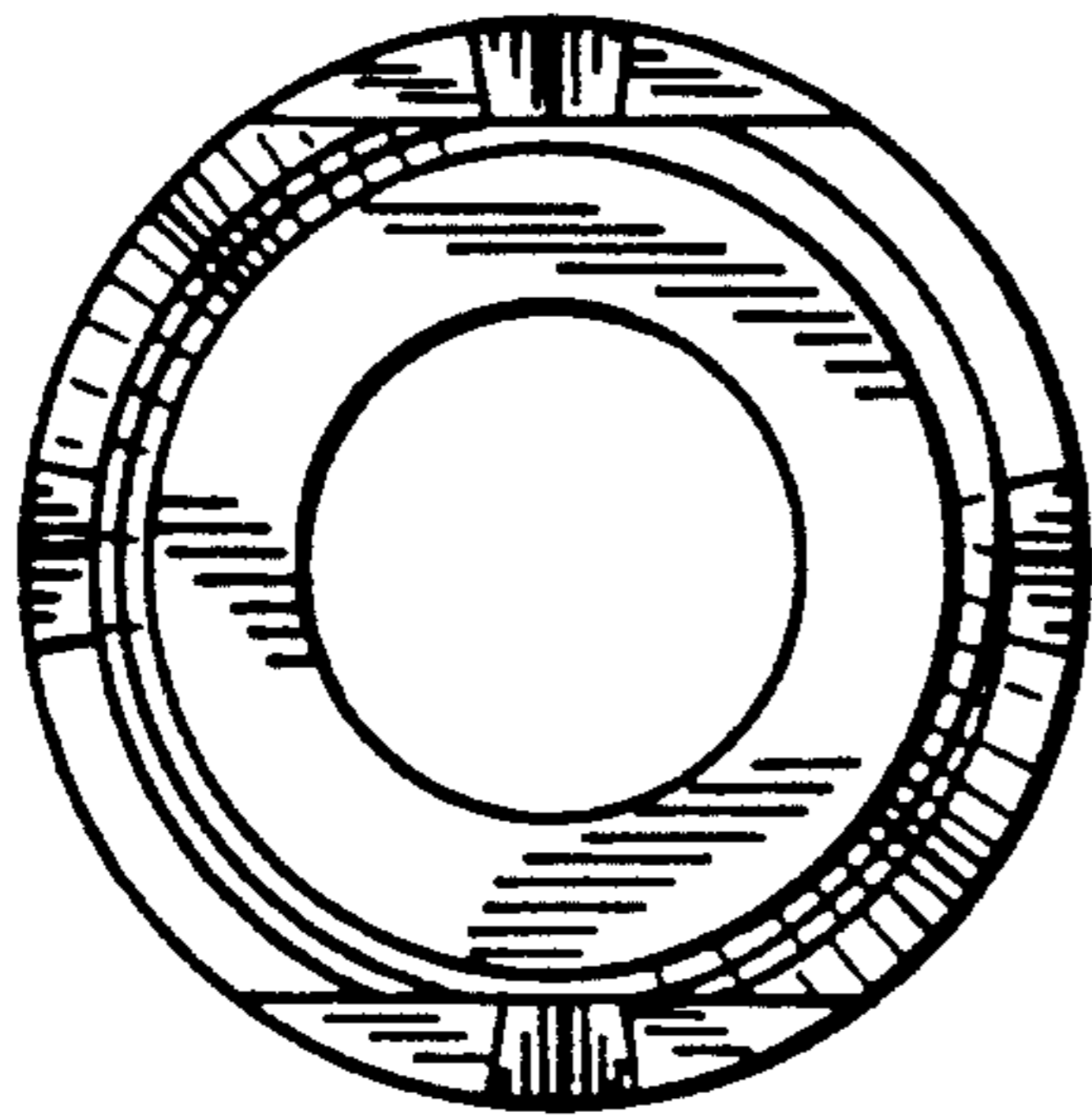
*FIG. 1*



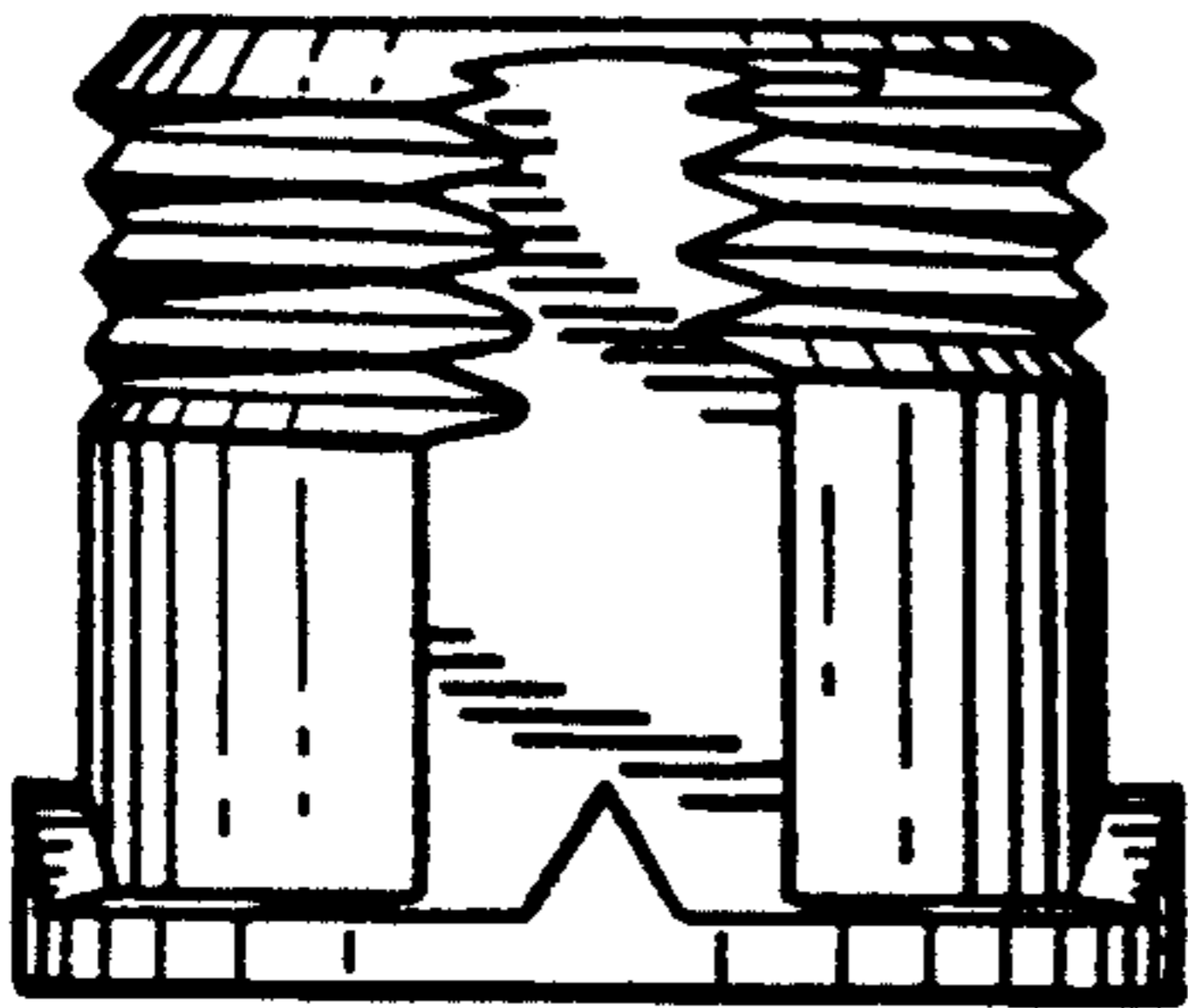
*FIG. 2*



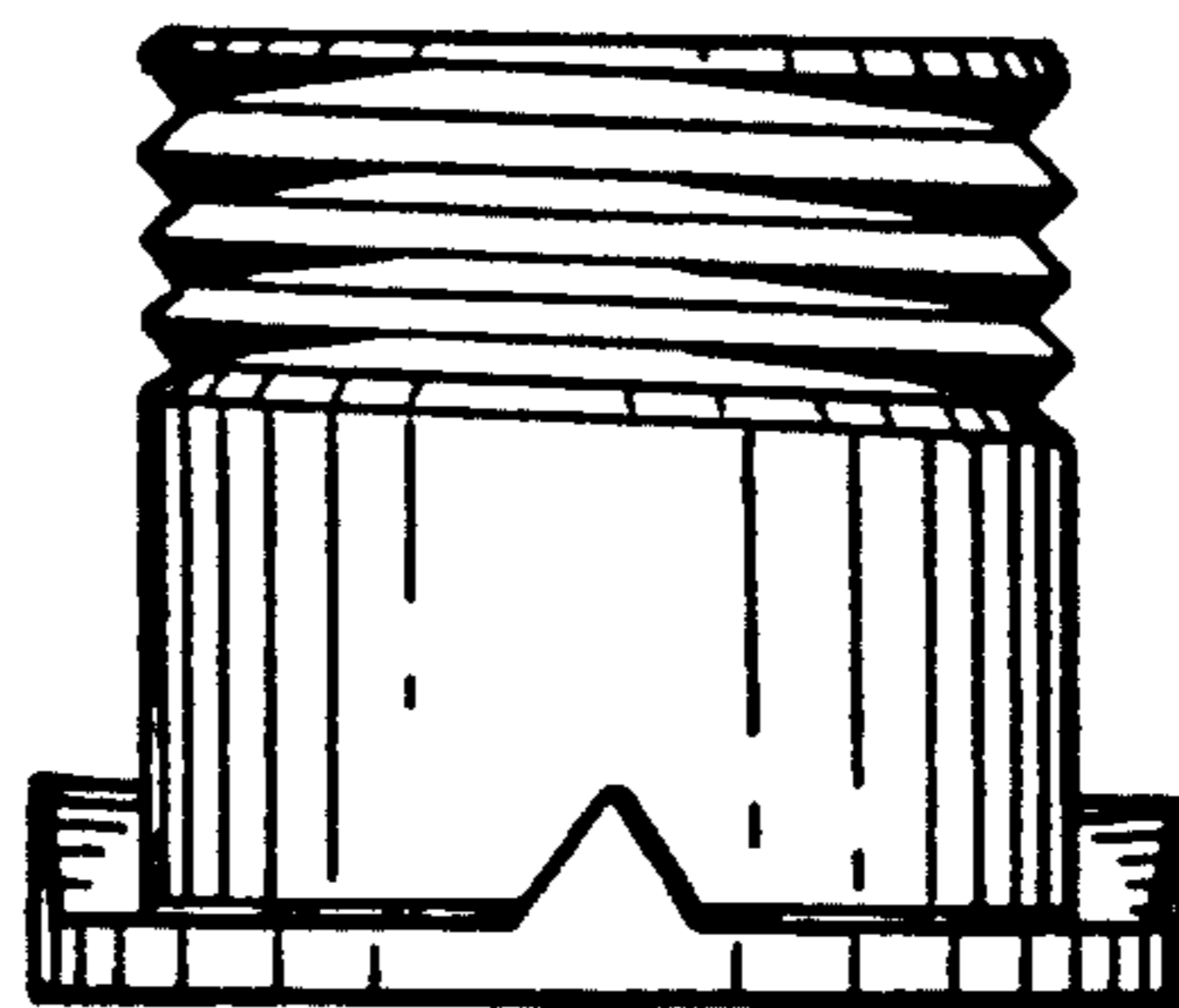
*FIG. 3*



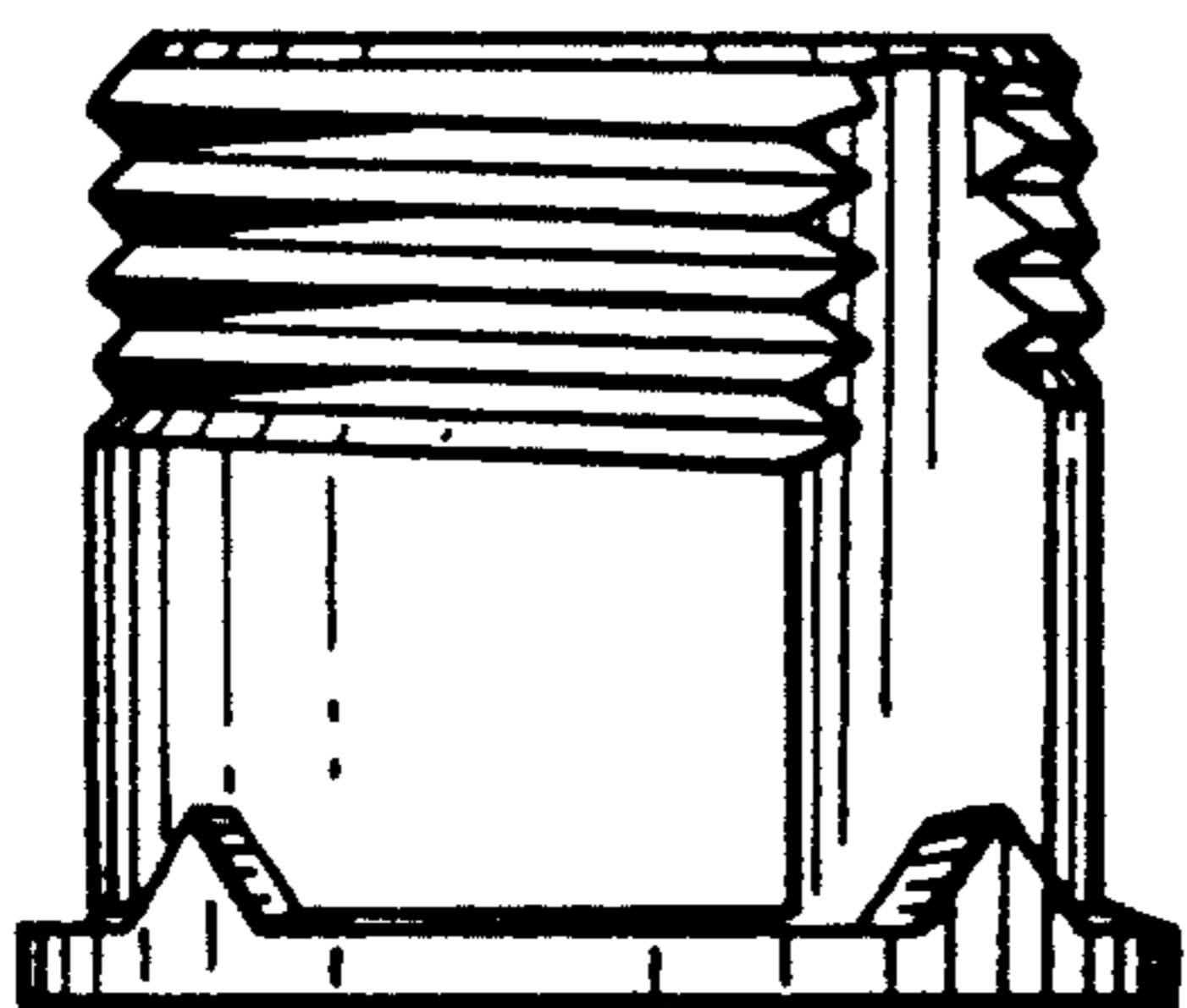
*FIG. 4*



*FIG. 5*



*FIG. 6*



*FIG. 7*

