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

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(54) **LOWER SET INSERT WITH A LOWER BALL SEAT FOR A DOWNHOLE PLUG**

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

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(52) **U.S. Cl.**  
USPC ..... **D15/21**

(58) **Field of Classification Search**

USPC ..... D15/21, 28, 138, 139, 140; D8/70, 71; 417/448, 453, 456, 459, 460; 166/123, 166/124, 135, 138, 193, 118, 133, 134, 170, 166/173, 206, 244.1, 316, 318, 332.1, 336, 166/373, 375, 376, 381, 386, 387; 175/317; 294/86.3; 340/854.4, 853.1

See application file for complete search history.

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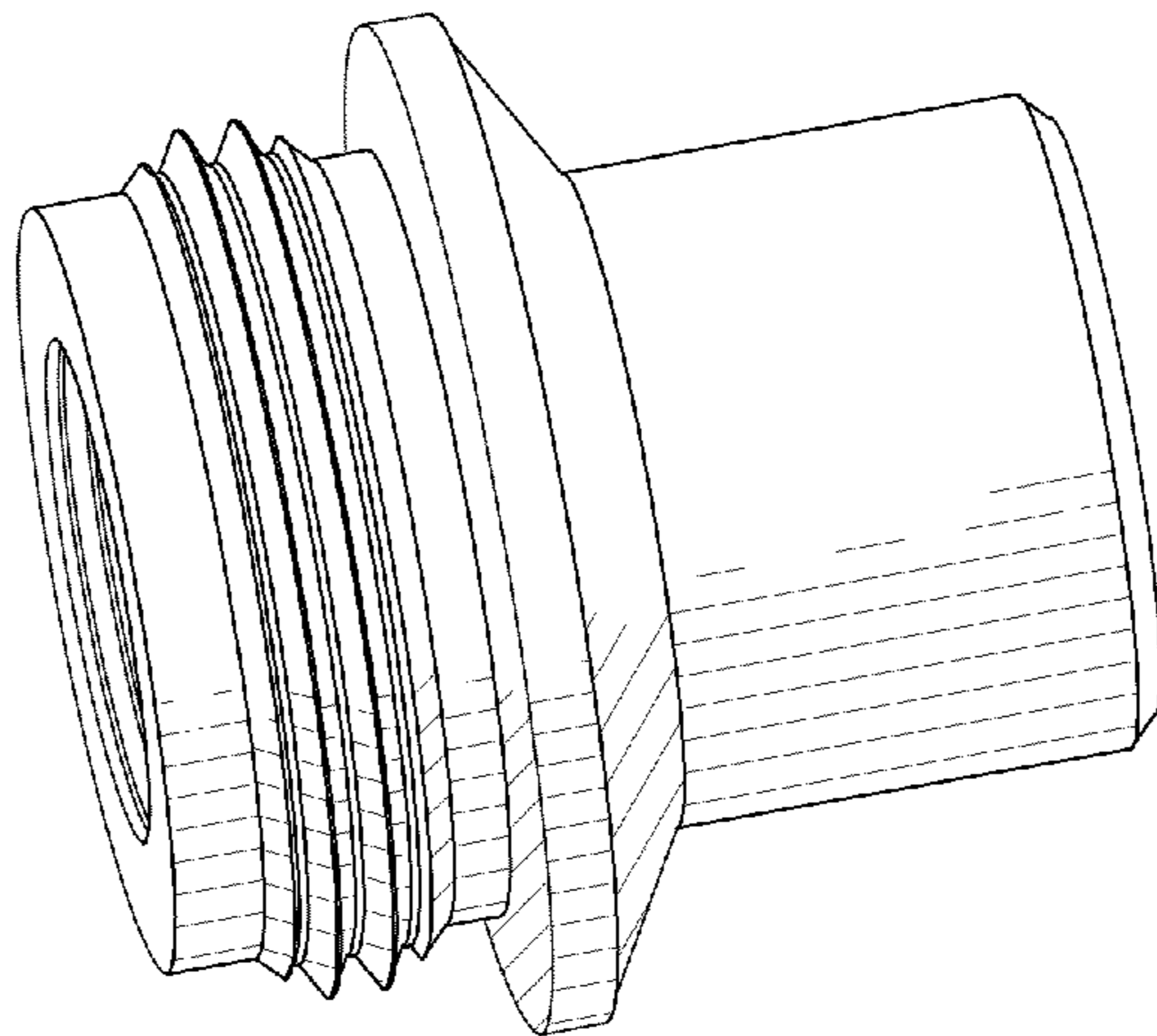
(57) **CLAIM**

The ornamental design for a lower set insert with lower ball seat for a downhole plug, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of a lower set insert with lower ball seat for a downhole plug showing my new design; FIG. 2 is a top plan view thereof; FIG. 3 is a front side plan view thereof, wherein the front side plan view and the back side plan views are identical; FIG. 4 is a bottom plan view thereof; and, FIG. 5 is a left side plan view thereof, wherein the left side plan view and the right side plan views are identical.

**1 Claim, 2 Drawing Sheets**



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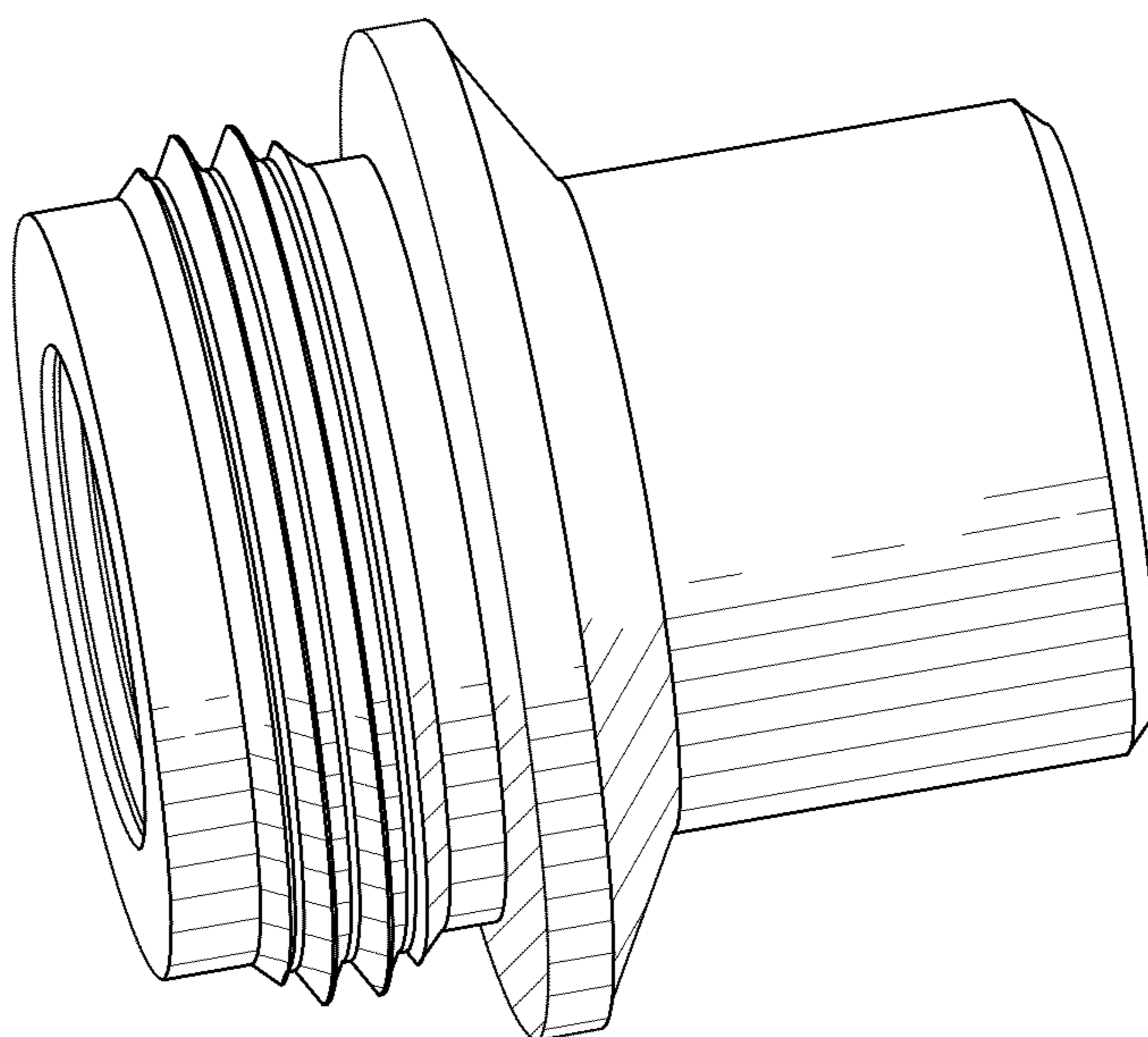


FIG. 1

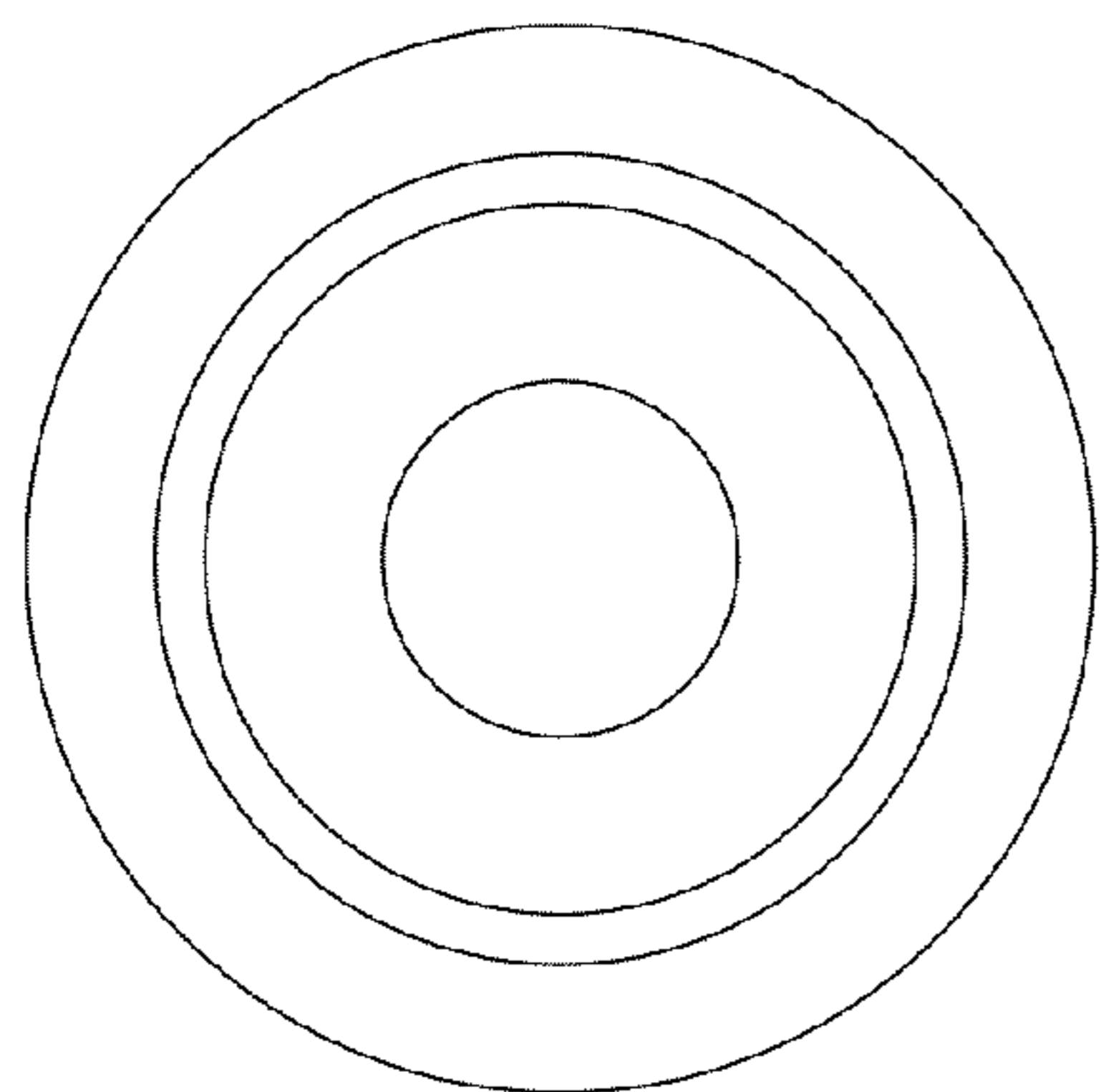


FIG. 2

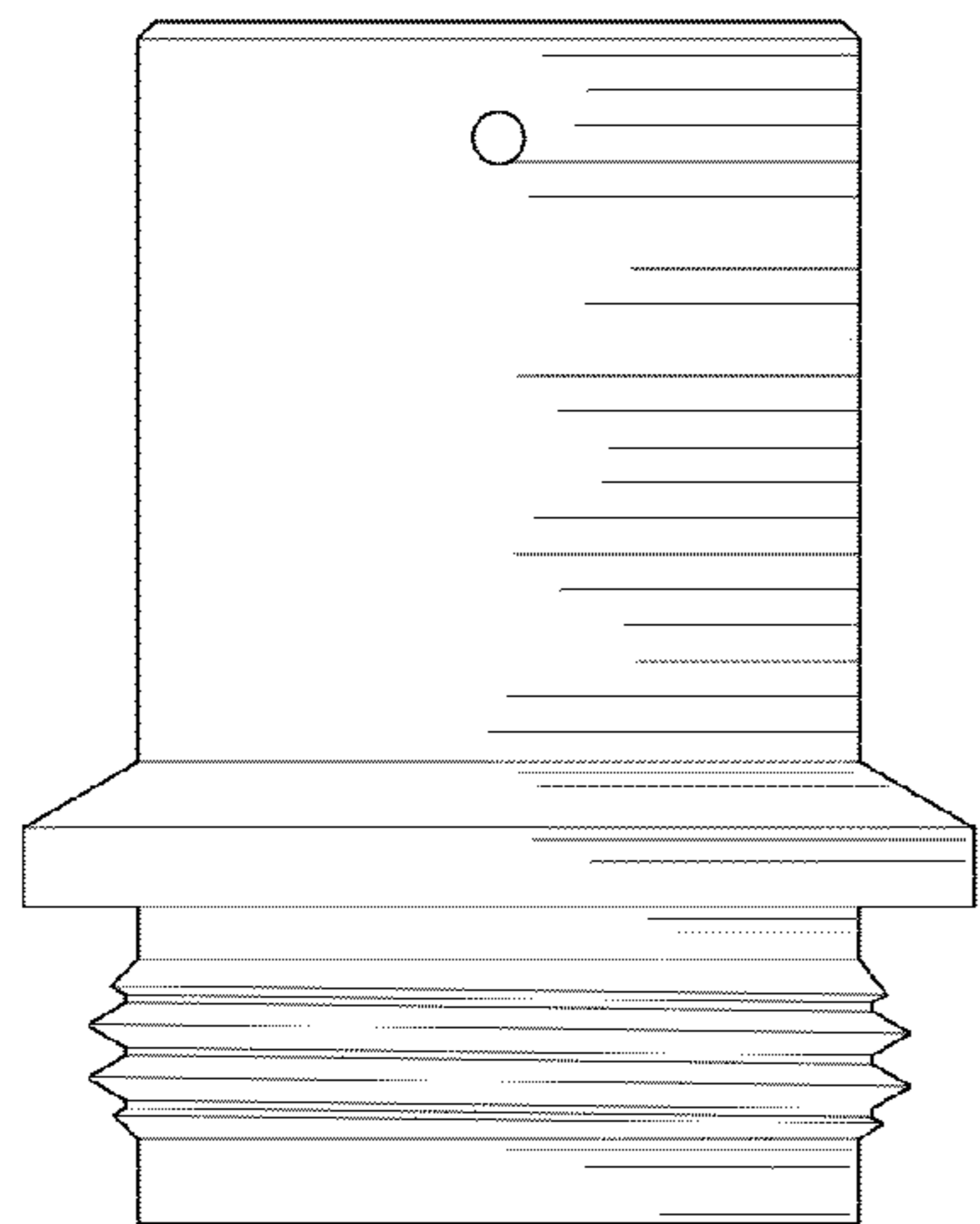


FIG. 3

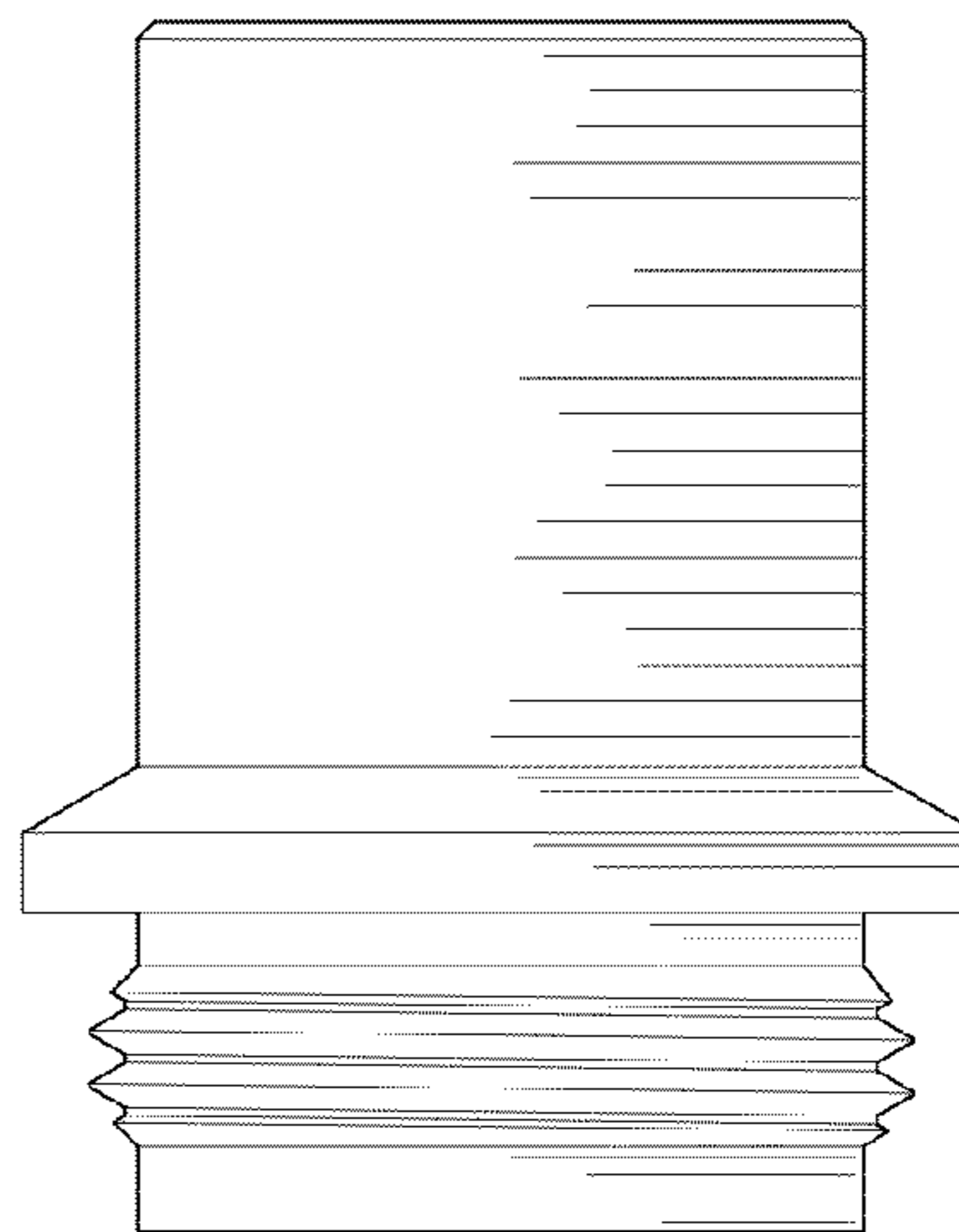


FIG. 4

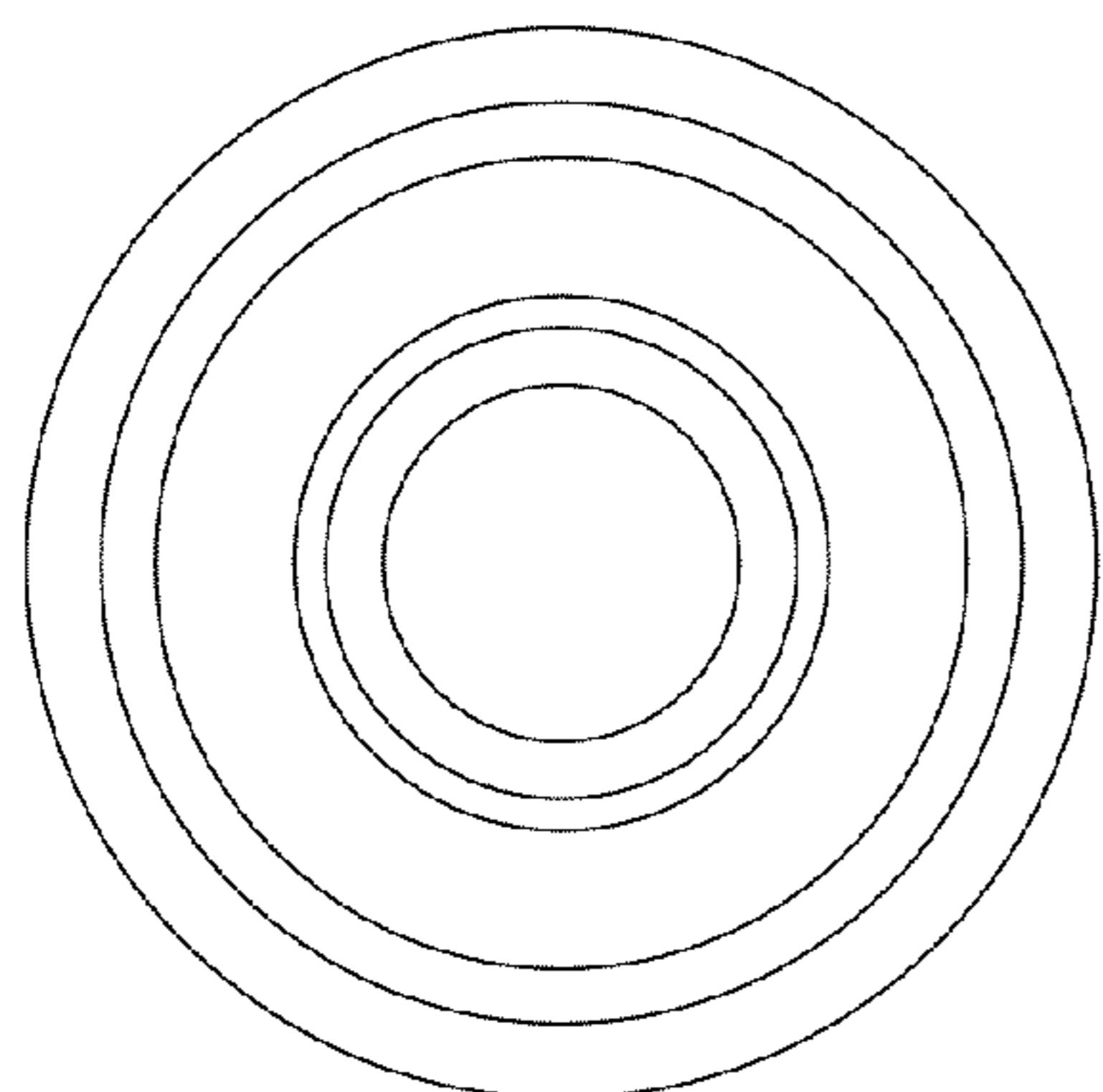


FIG. 5