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

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(54) **MEDIUM AND HIGH FREQUENCY
PIEZOELECTRIC ACCELERATION SENSOR
WITH BOLT INSTALLATION**

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(**) Term: **15 Years**

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(30) **Foreign Application Priority Data**

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(51) **LOC (12) Cl.** **10-04**

(52) **U.S. Cl.**
USPC **D10/96; D10/98; D8/81**

(58) **Field of Classification Search**
USPC **D10/96, 98; D8/27, 29, 70, 75, 81;
D15/140**

CPC **G01P 15/08; G01P 15/0802; G01P 15/09;
G01P 15/0915**

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,591,861 A * 7/1971 Sonderegger G01L 1/16
310/344
4,075,525 A * 2/1978 Birchall G01L 1/16
310/329

* cited by examiner

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(57) **CLAIM**

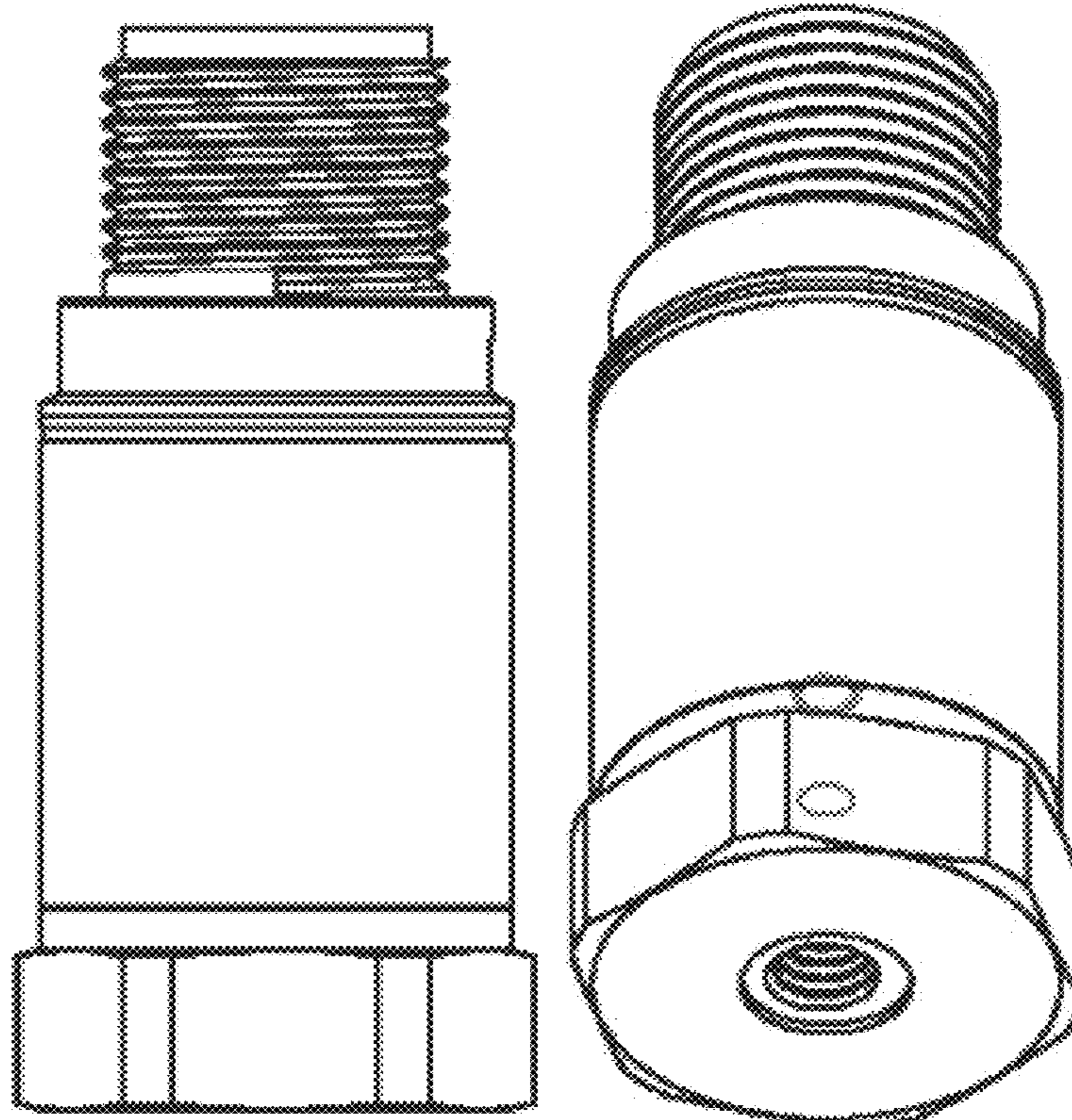
The ornamental design for an medium and high frequency piezoelectric acceleration sensor with bolt installation, as shown and described.

DESCRIPTION

FIG. 1 is a front view of a medium and high frequency piezoelectric acceleration sensor with bolt installation; FIG. 2 is a top view thereof; FIG. 3 is a back view thereof; FIG. 4 is a right side view thereof; FIG. 5 is a left side view thereof; FIG. 6 is a bottom perspective view thereof; and, FIG. 7 is a bottom view thereof.

The broken lines present in FIG. 2 are included for the purpose of illustrating portions of the article that form no part of the claimed design or environmental subject matter.

1 Claim, 7 Drawing Sheets



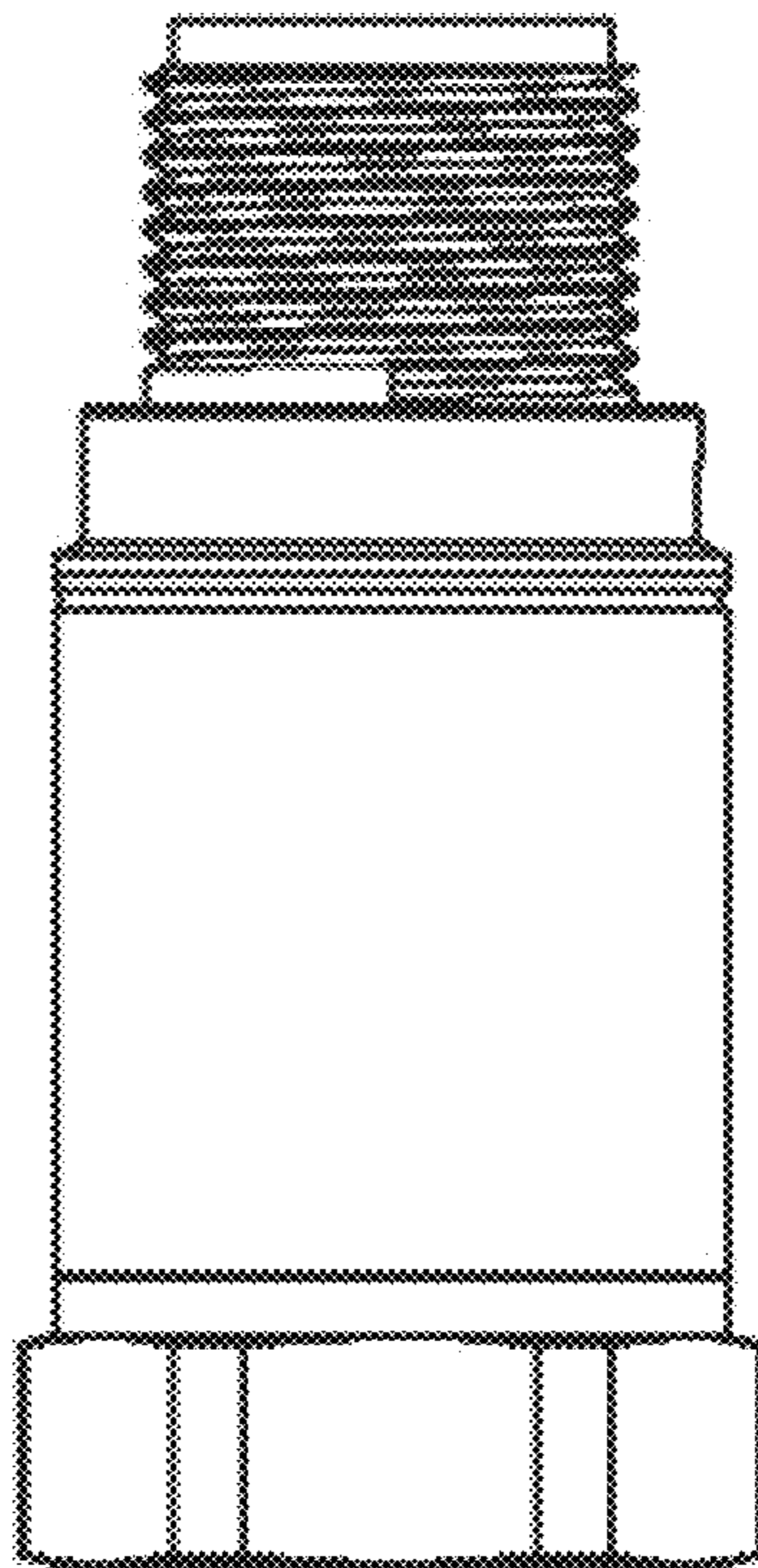


Fig. 1

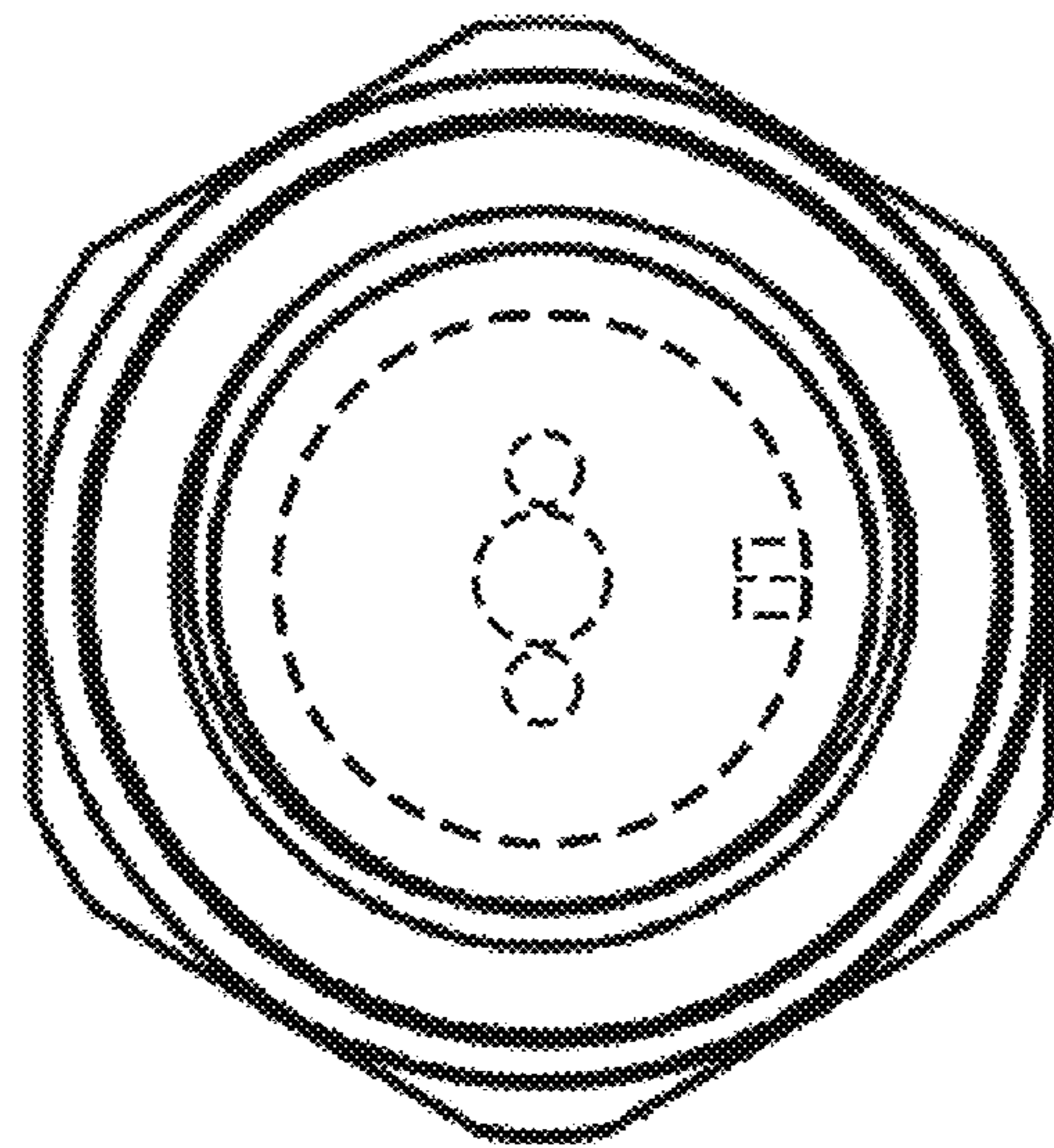


Fig. 2

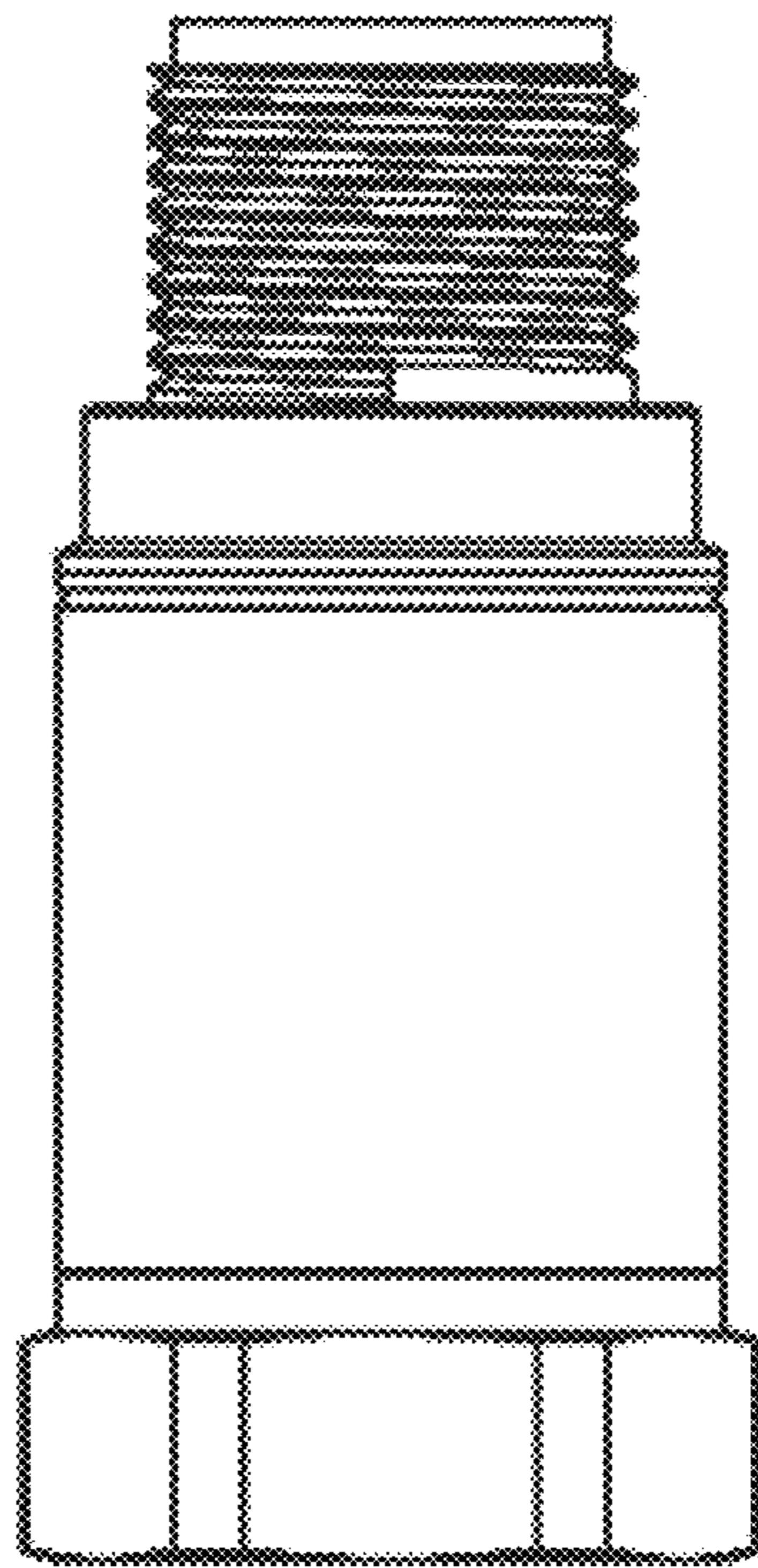


Fig. 3

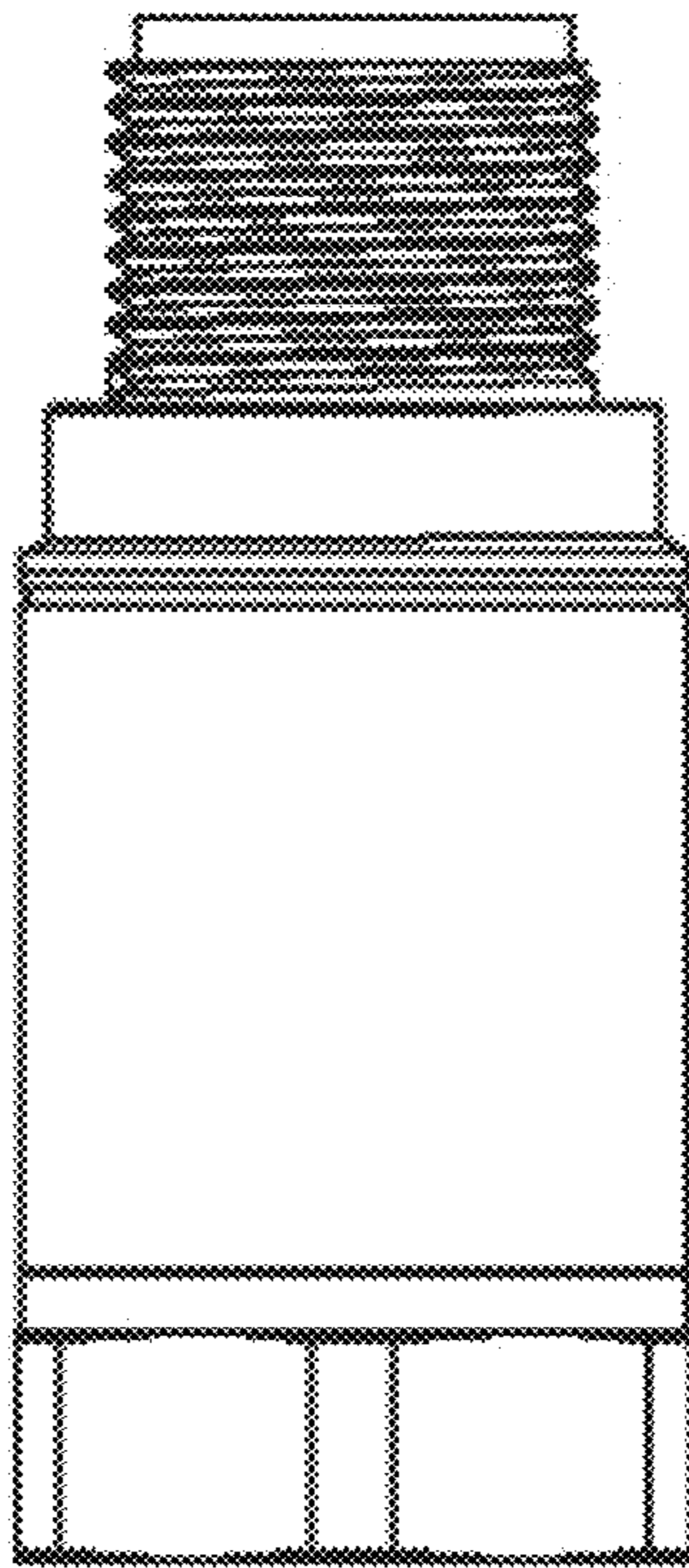


Fig. 4

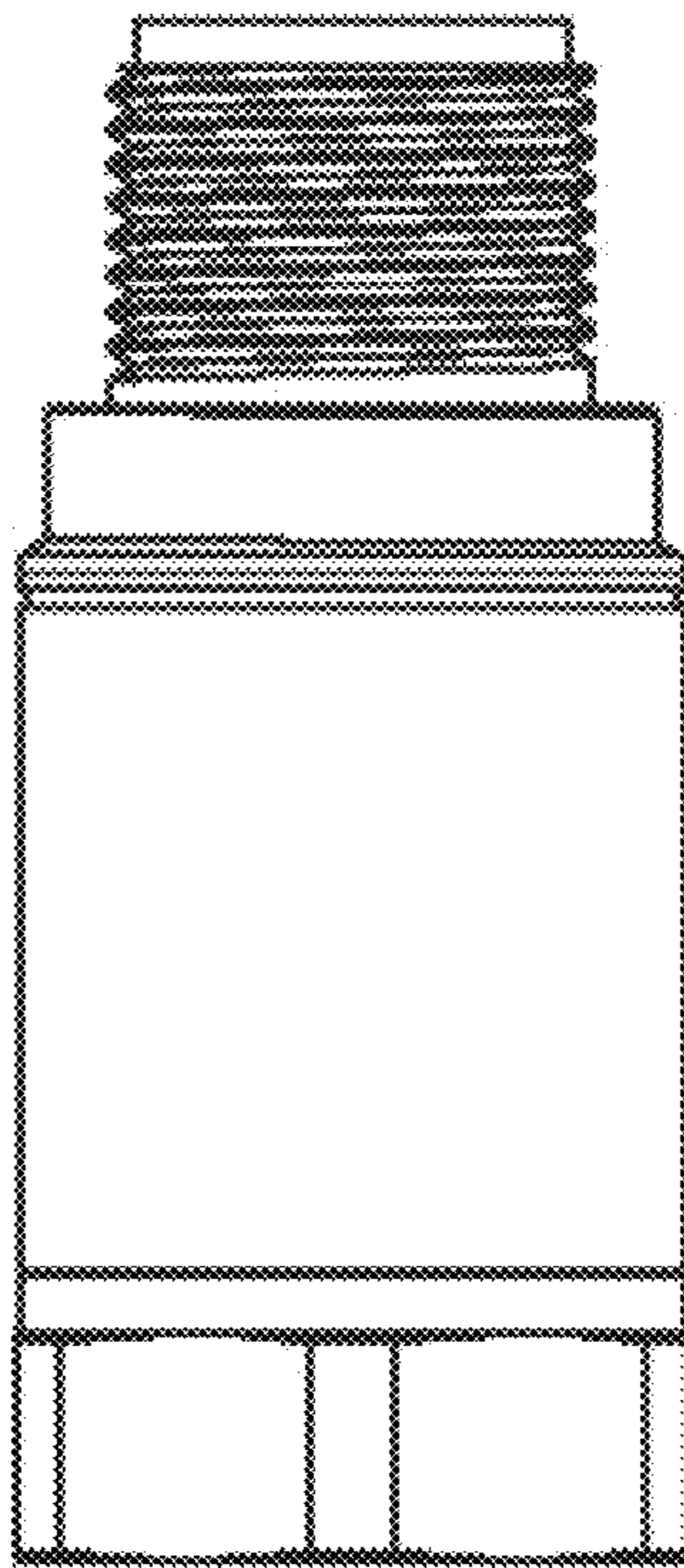


Fig. 5

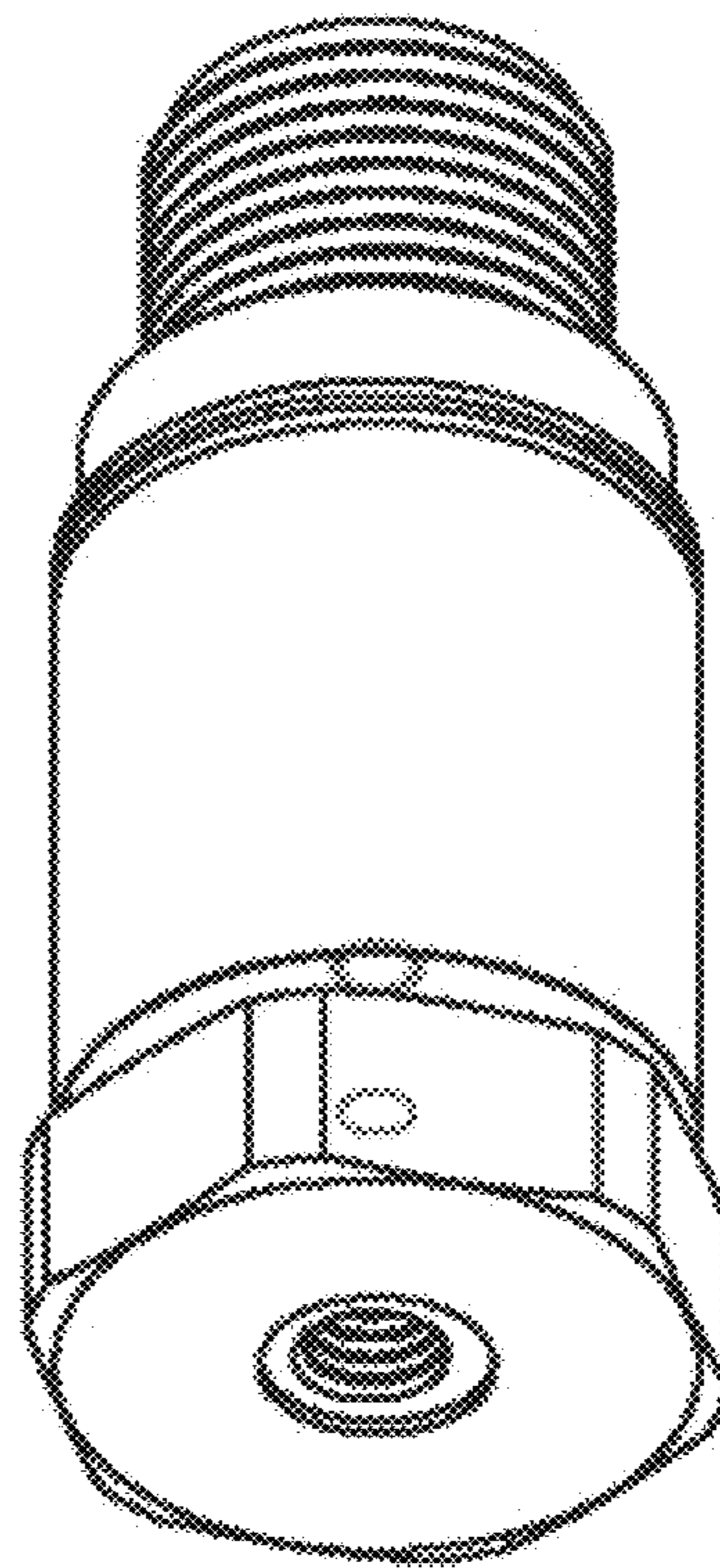


Fig. 6

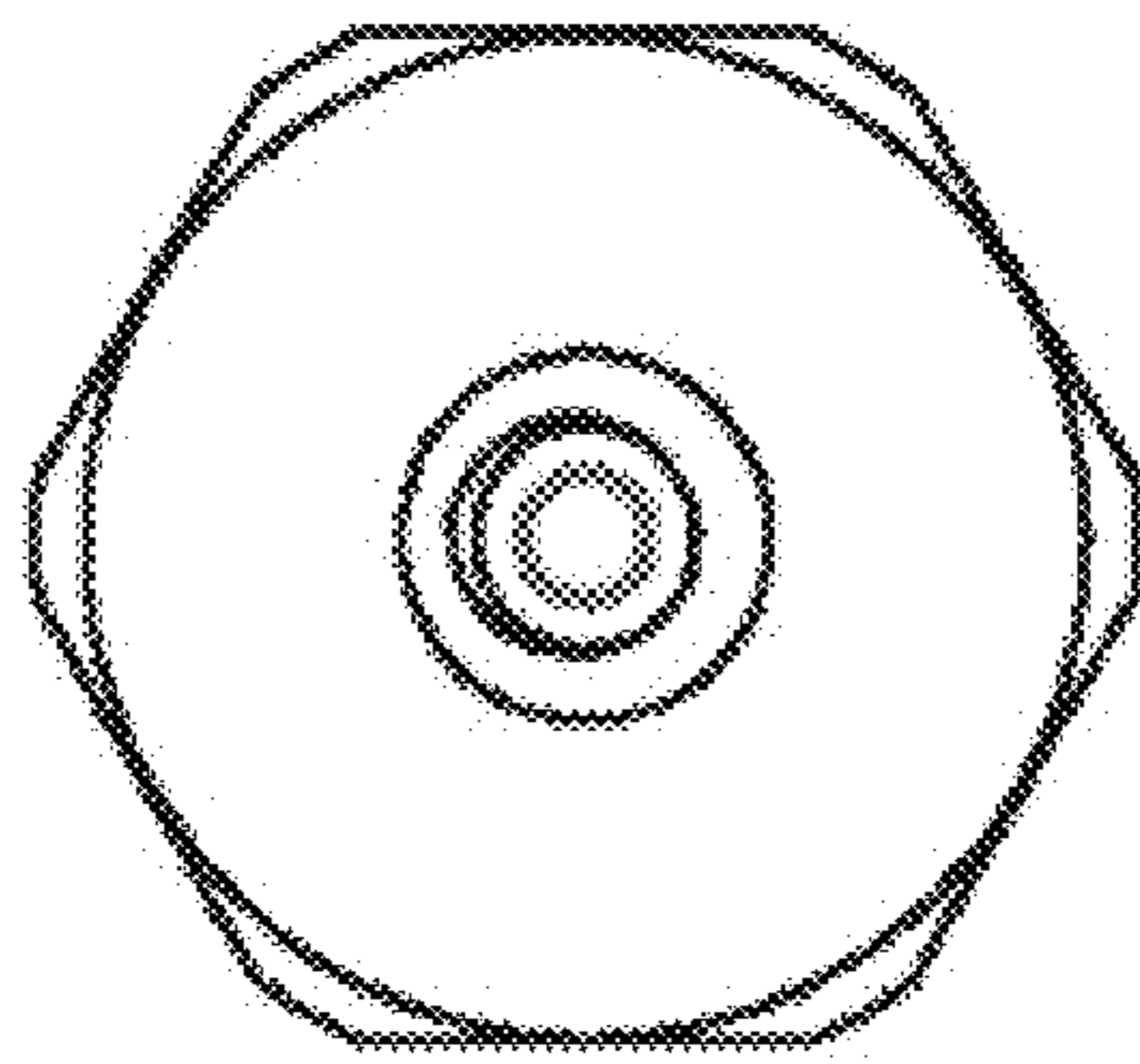


Fig. 7