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

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(54) **TRANSDUCER-PROTECTOR DEVICE FOR HAEMODIALYSIS LINES**

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

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(30) **Foreign Application Priority Data**

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(51) **LOC (8) Cl.** **24-02**

(52) **U.S. Cl.** **D24/129; D24/108**

(58) **Field of Classification Search** D24/108, D24/129; 604/29-30, 32, 248, 523, 533, 604/535, 538, 905; 285/148.19, 148.21
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

4,991,629 A * 2/1991 Ernesto et al. 138/89

5,611,576 A * 3/1997 Guala 285/38

5,749,861 A * 5/1998 Guala et al. 604/249
D395,502 S * 6/1998 Deily et al. D24/112
D439,663 S * 3/2001 Guala D24/129
6,309,543 B1 * 10/2001 Fenton et al. 210/232
D495,050 S * 8/2004 Guala D24/129
7,033,339 B1 * 4/2006 Lynn 604/256
2004/0172006 A1 * 9/2004 Bonaldo 604/523
2006/0253103 A1 * 11/2006 Utterberg et al. 604/533

* cited by examiner

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(57) **CLAIM**

The ornamental design for a transducer-protector device for haemodialysis lines, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view from above; FIG. 2 is a perspective view from below; FIG. 3 is a bottom plan view; FIG. 4 is a front side elevational view; FIG. 5 is a rear side elevational view; and, FIG. 6 is a top plan view.

1 Claim, 3 Drawing Sheets

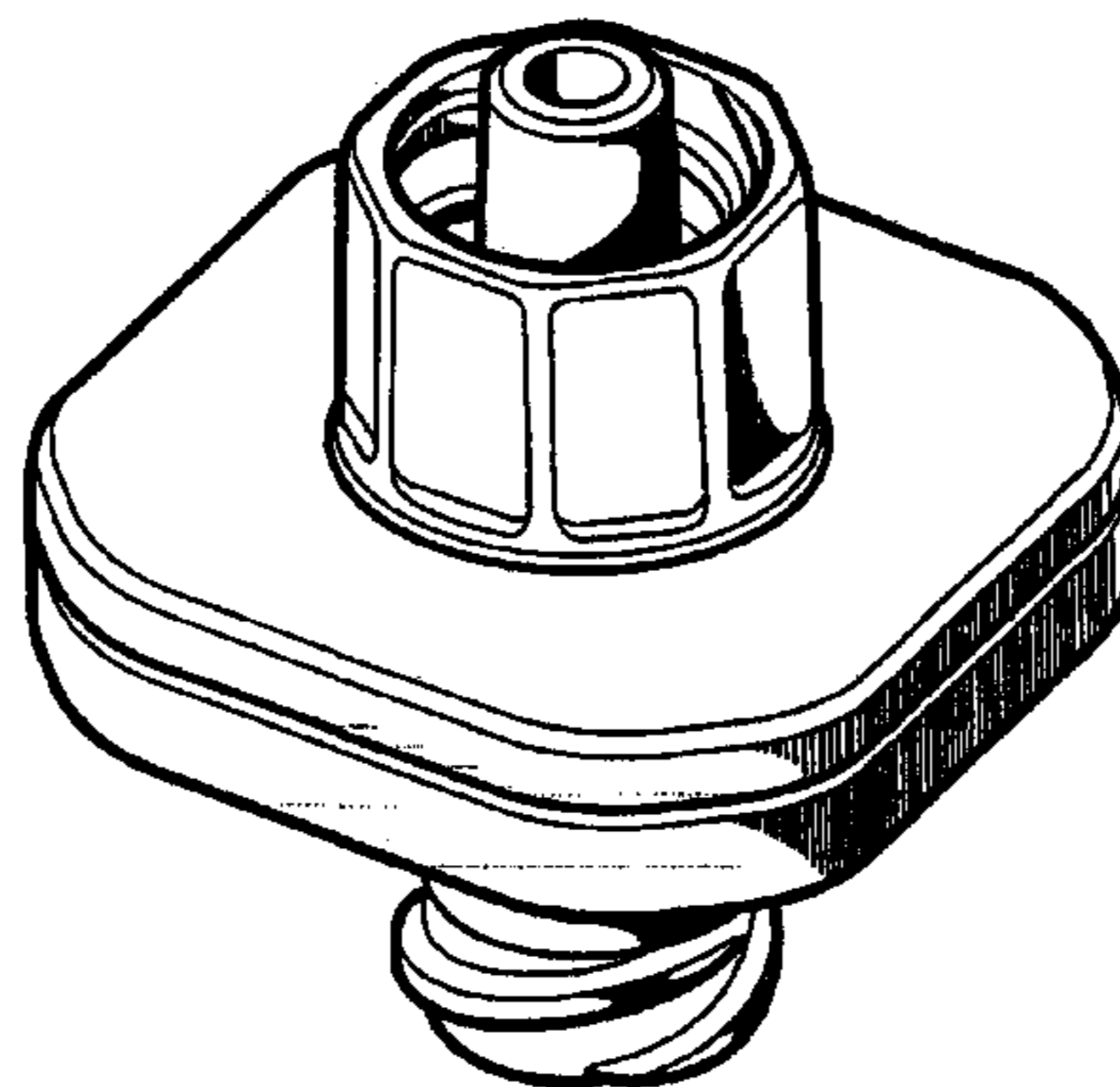
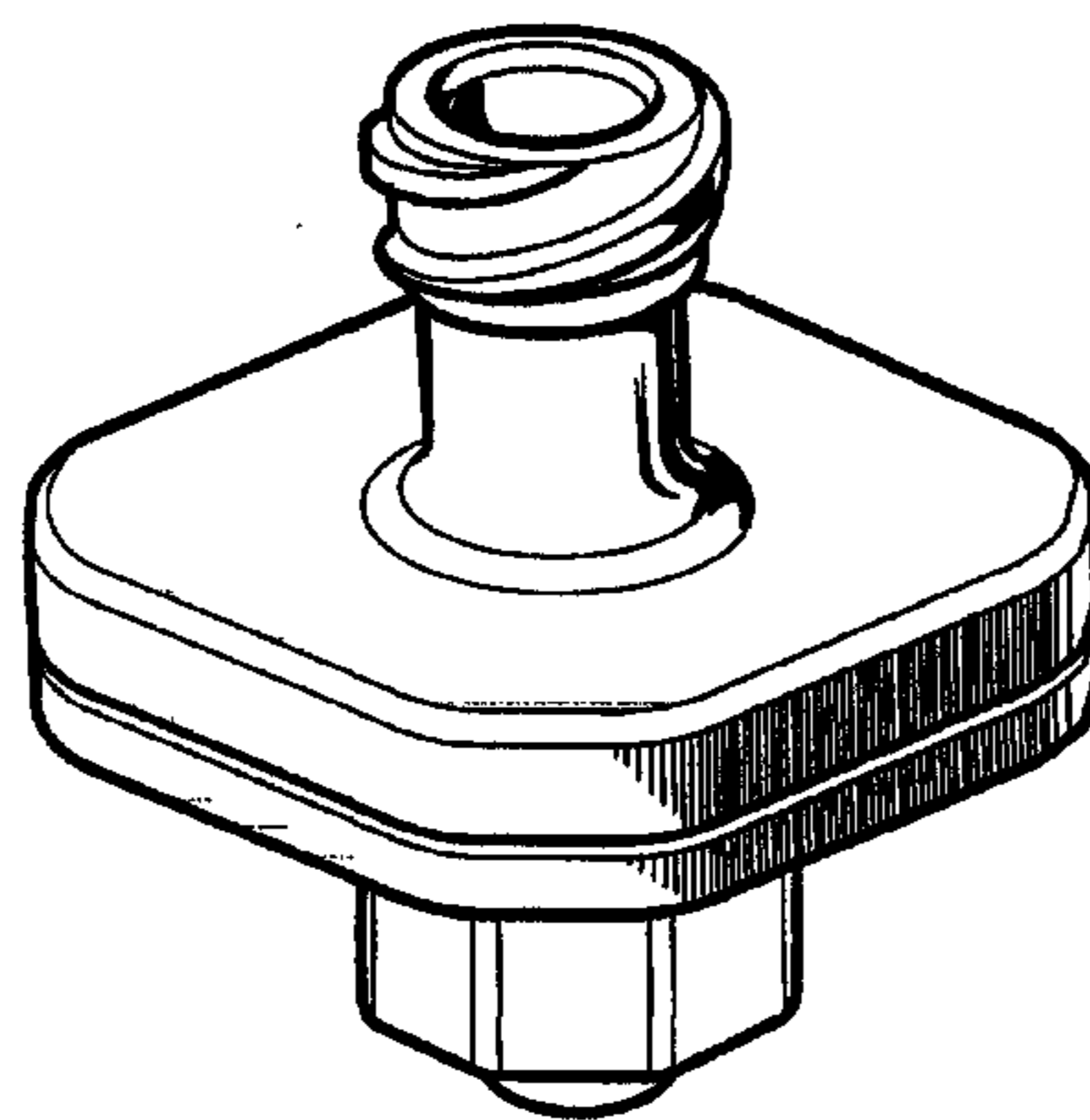


FIG. 1

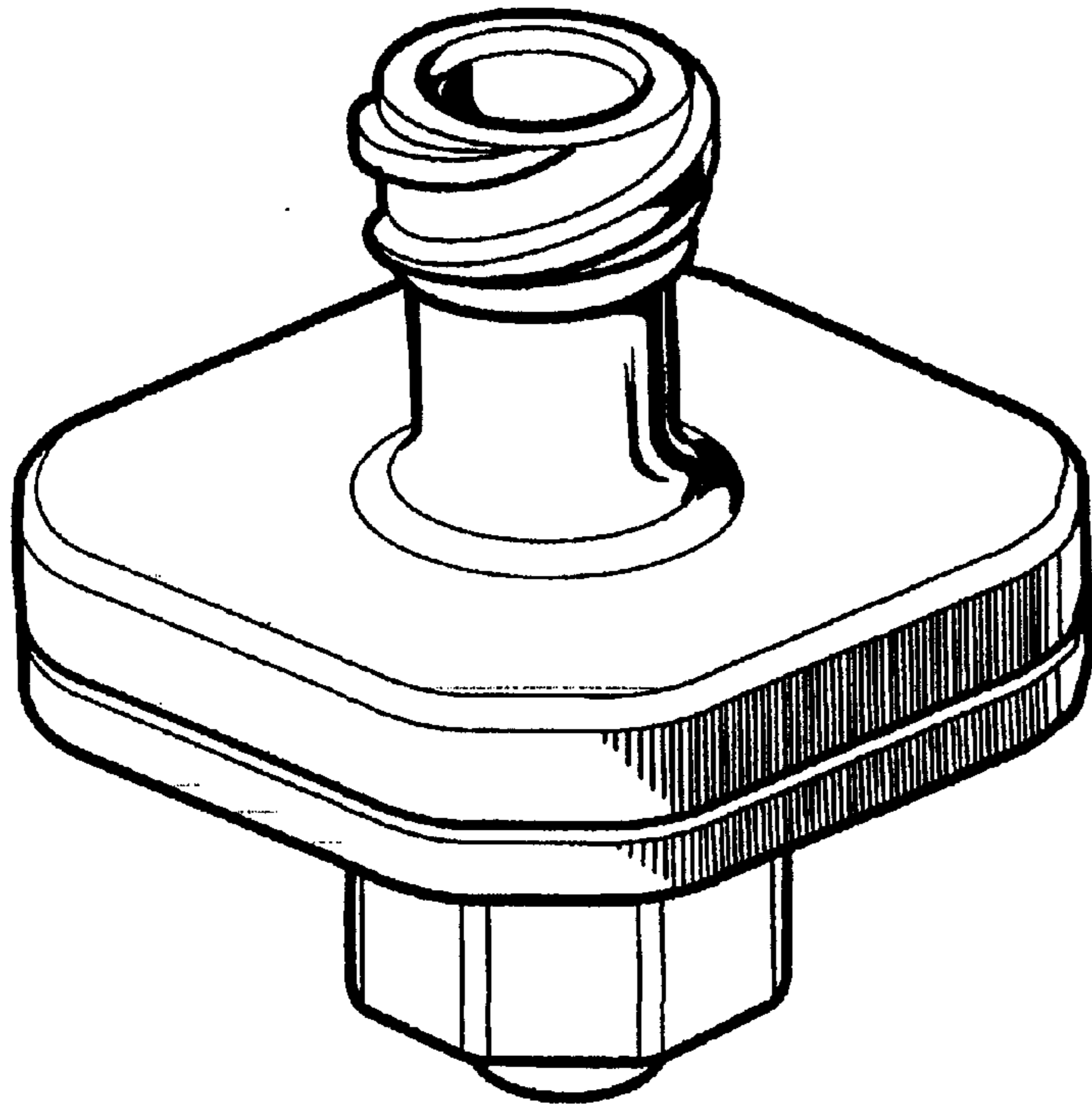


FIG. 2

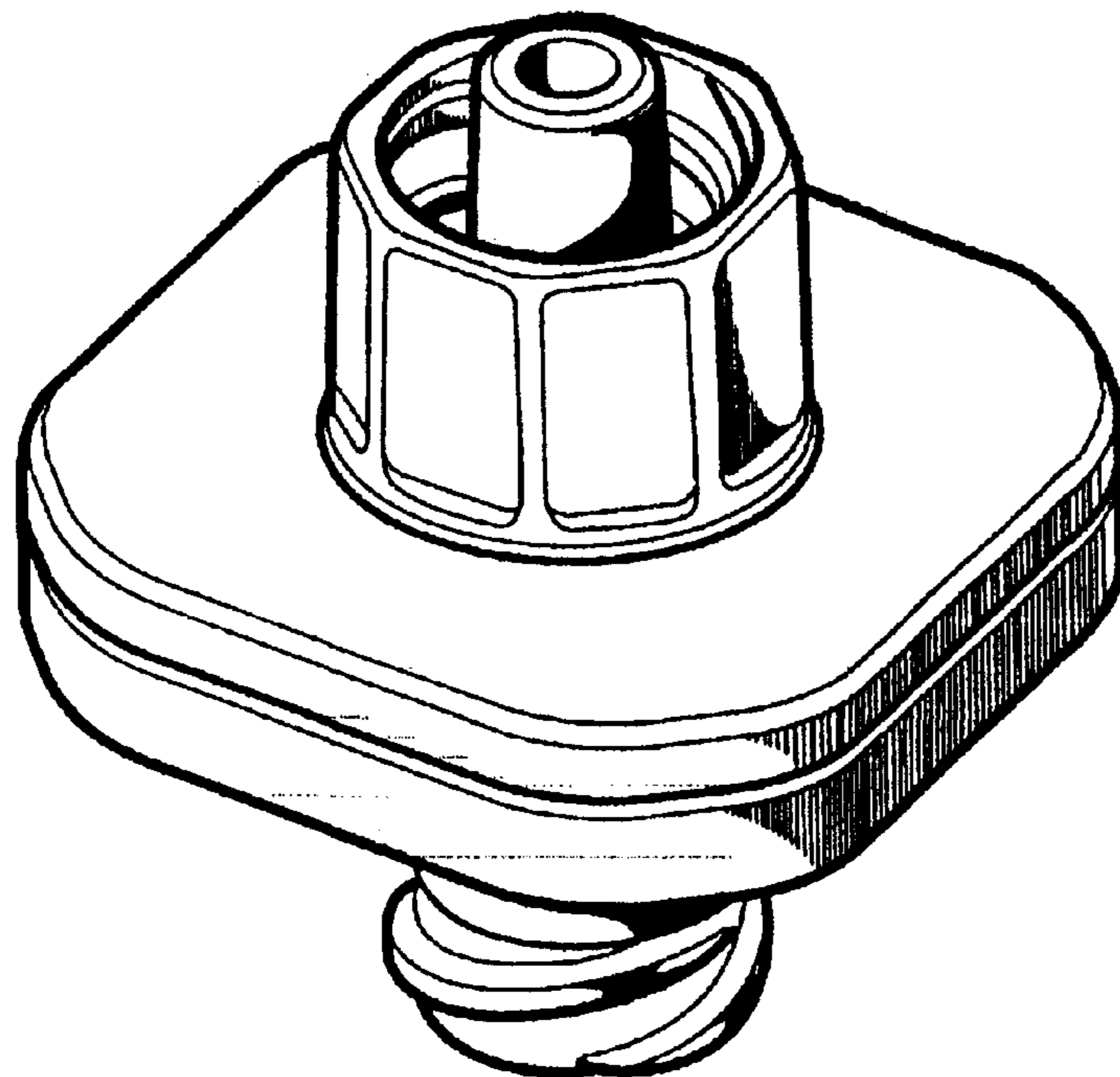


FIG. 3

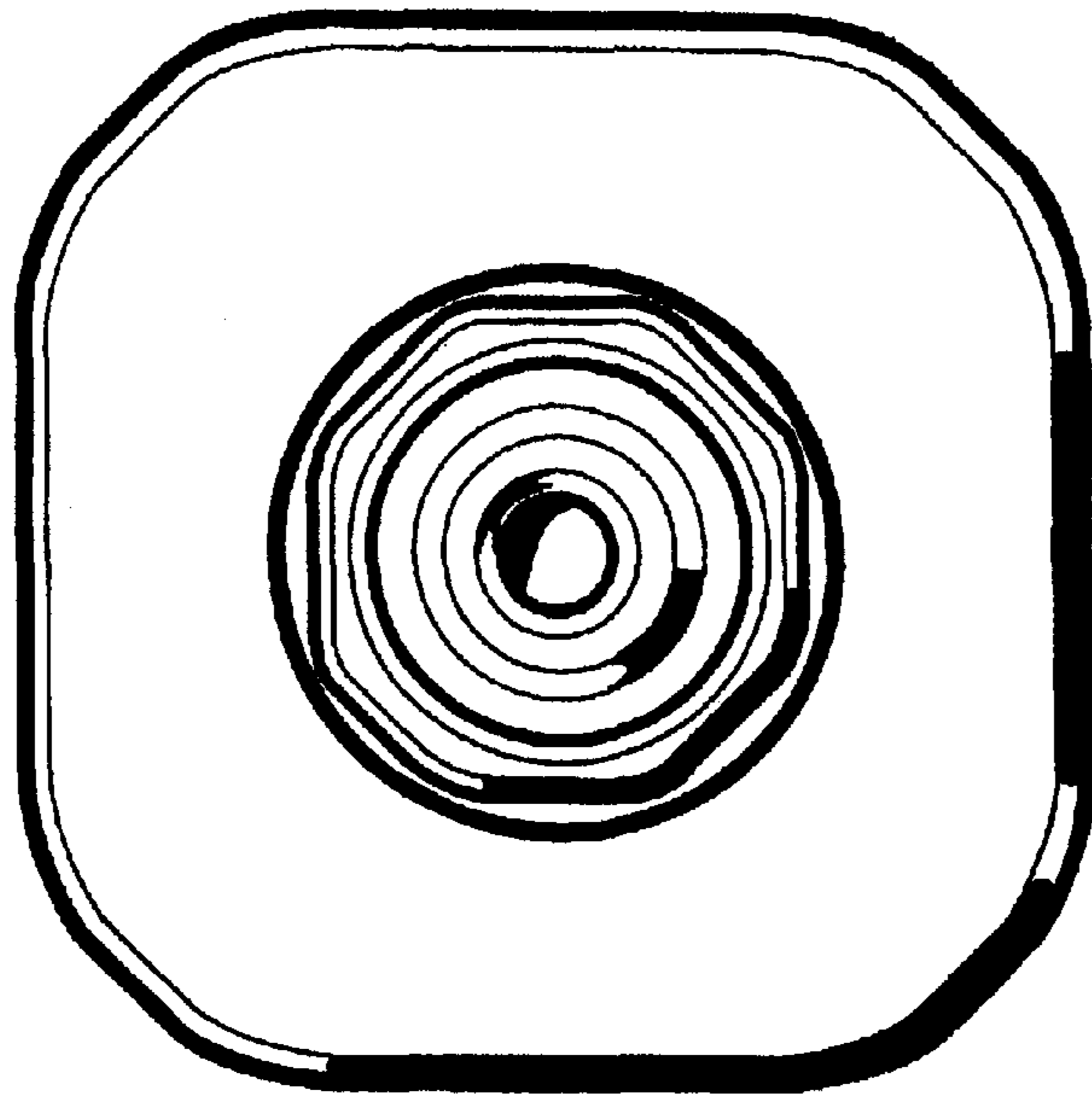


FIG. 4

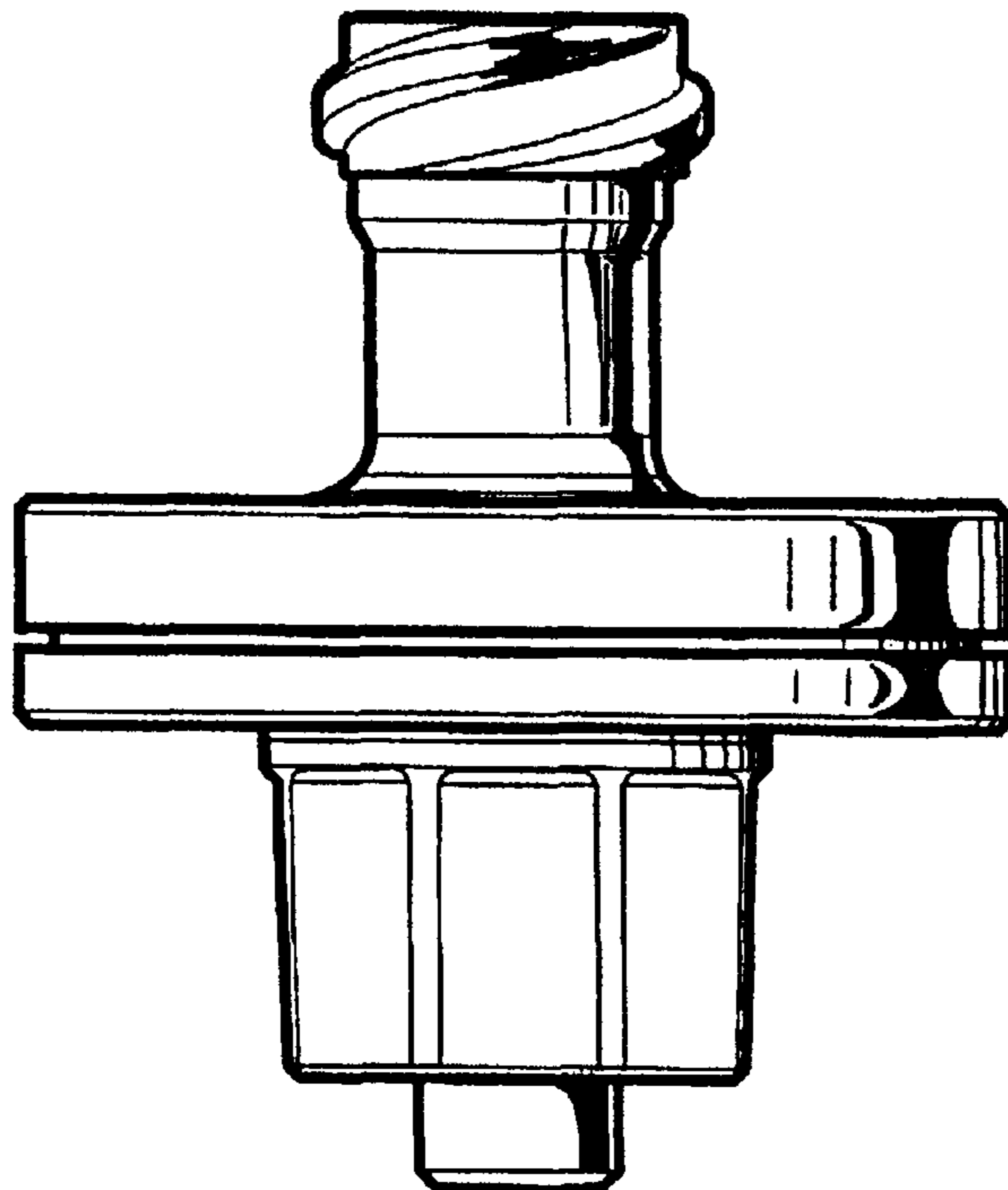


FIG. 5

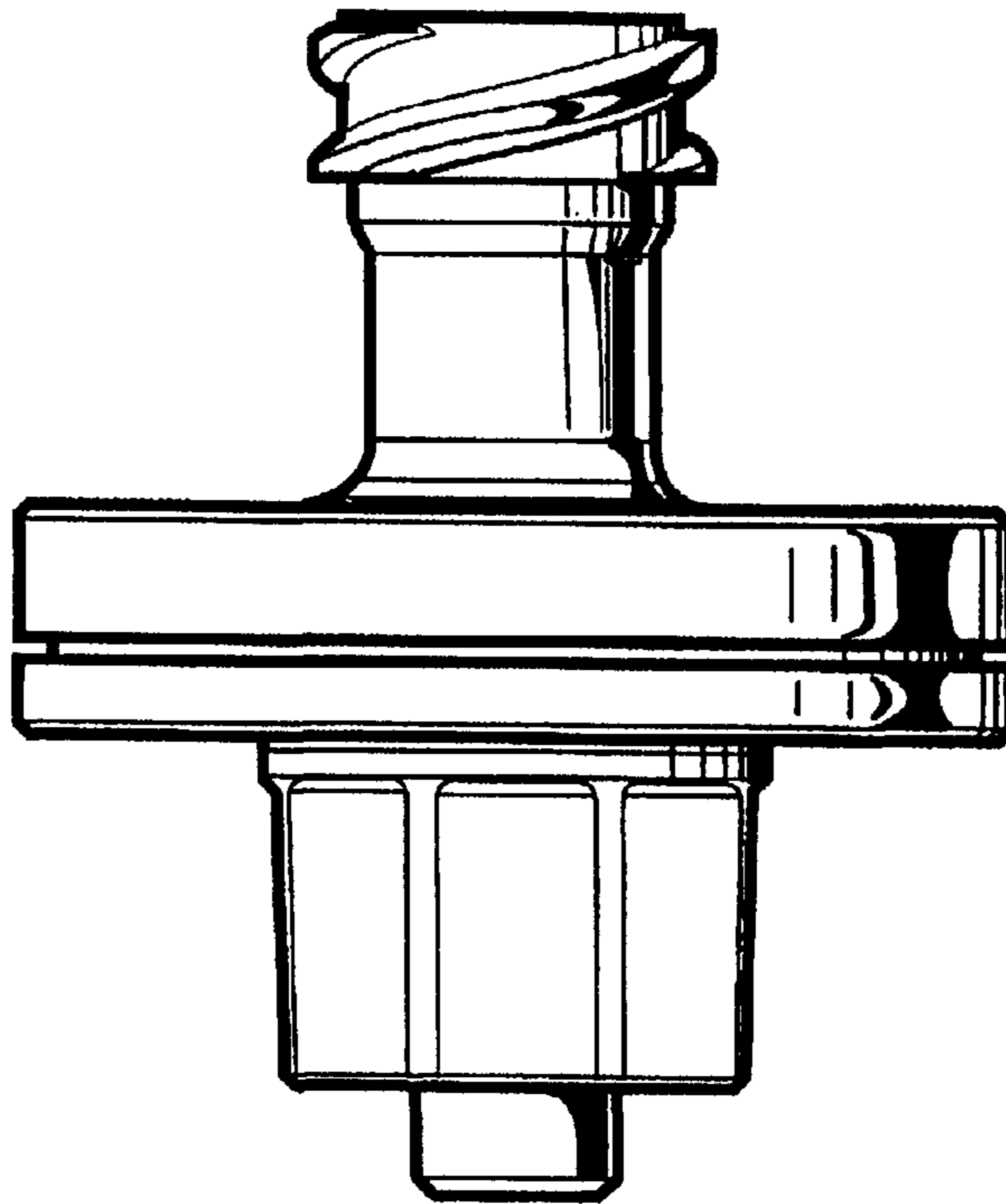


FIG. 6

