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United States Patent [19]

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Stephens et al.

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[54] ADJUSTABLE TROCAR STABILIZING COLLAR

5,147,316 9/1992 Castillenti 604/174 X

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[73] Assignee: Ethicon, Inc., Somerville, N.J.

[57] CLAIM

The ornamental design for an adjustable trocar stabilizing collar, as shown and described.

[**] Term: 14 Years

DESCRIPTION

[21] Appl. No.: 741,884

[22] Filed: Aug. 7, 1991

[52] U.S. Cl. D24/140; D24/146

[58] Field of Search D24/140, 146, 147; 128/753, 754; 604/164, 165, 167, 174, 179, 256, 264

FIG. 1 is a perspective view of an adjustable trocar stabilizing collar showing our new design; FIG. 2 is a rear perspective view thereof; FIG. 3 is a front elevational view thereof; FIG. 4 is a bottom plan view thereof; FIG. 5 is a right side elevational view thereof; FIG. 6 is a top plan view thereof; FIG. 7 is a left side elevational view thereof; FIG. 8 is a rear elevational view thereof; and, FIG. 9 is a perspective view thereof, the broken line showing of a surgical trocar is for illustrative purposes only and forms no part of the claimed design.

[56] References Cited

U.S. PATENT DOCUMENTS

4,969,870 11/1990 Kramer et al. 604/264 X
5,057,085 10/1991 Kopans 604/164 X

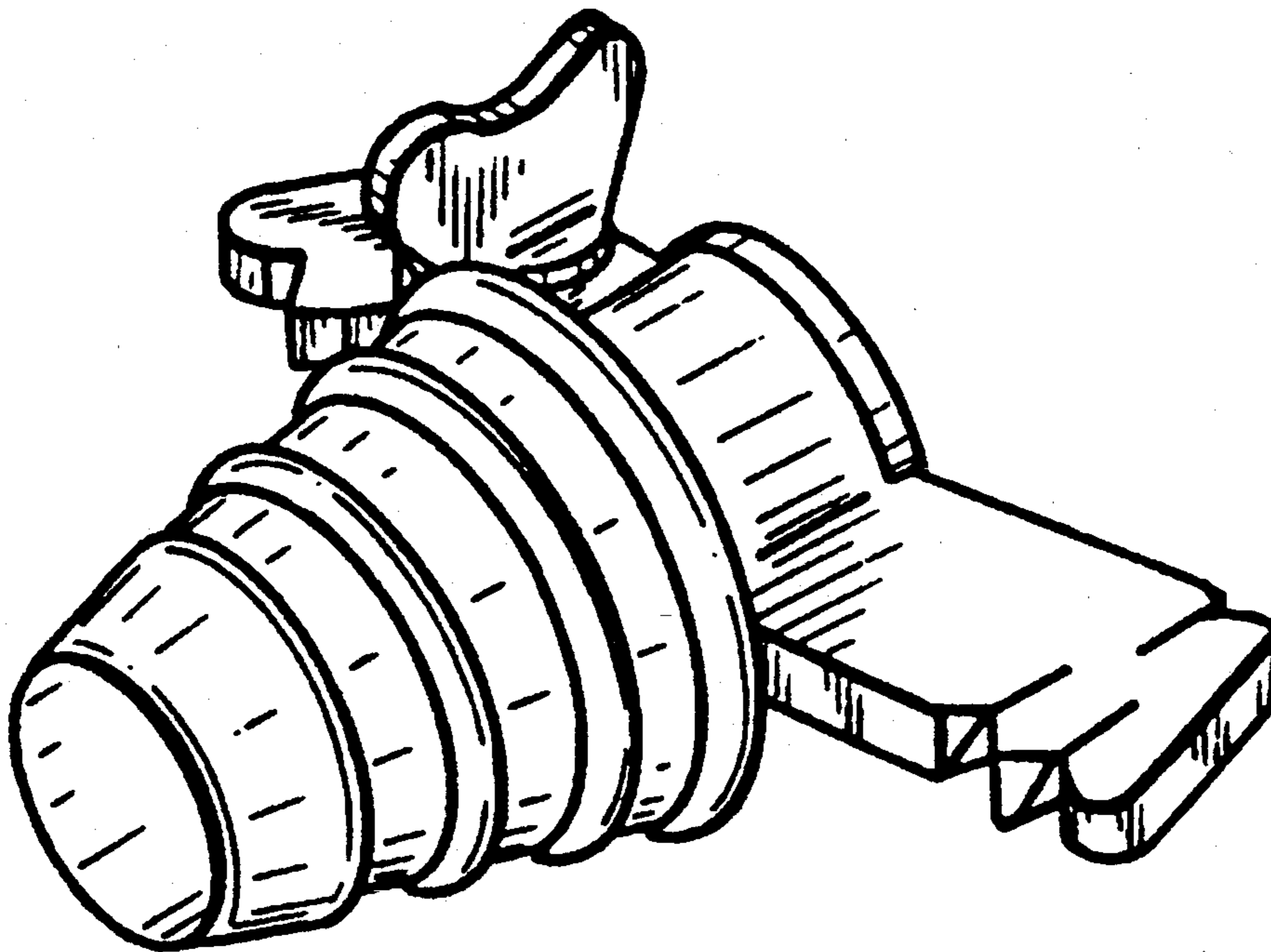


FIG-1

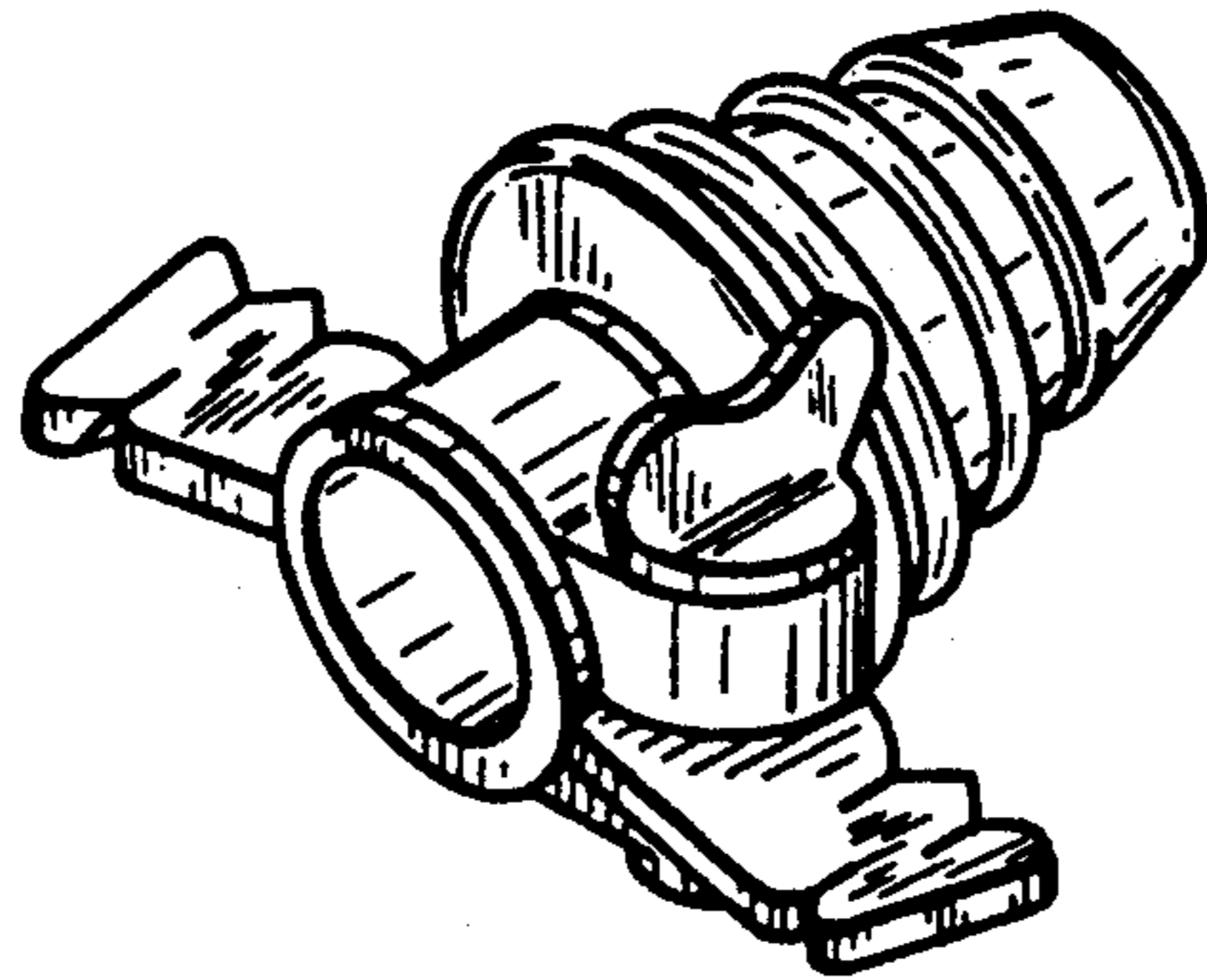
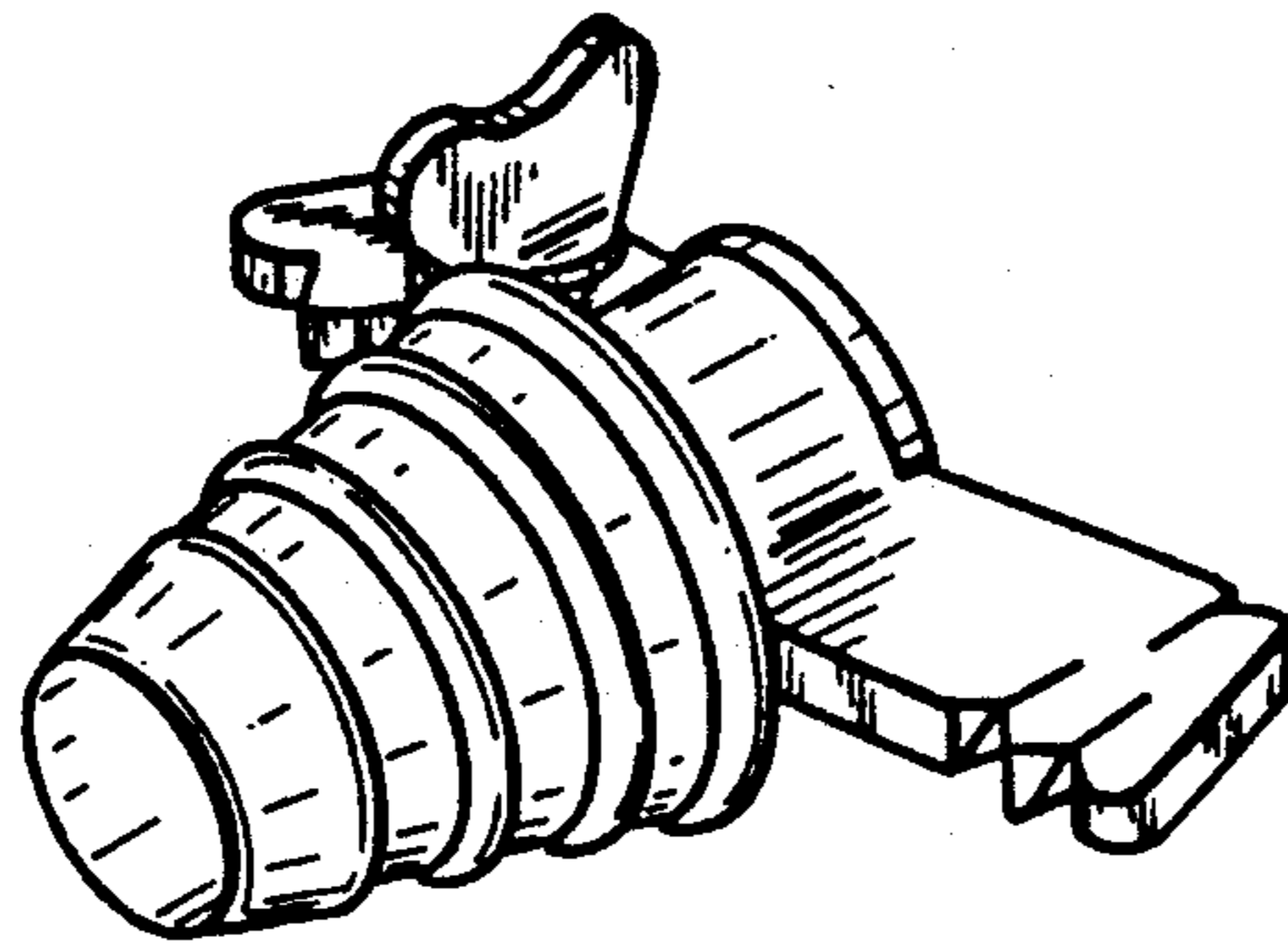


FIG-2

FIG-3

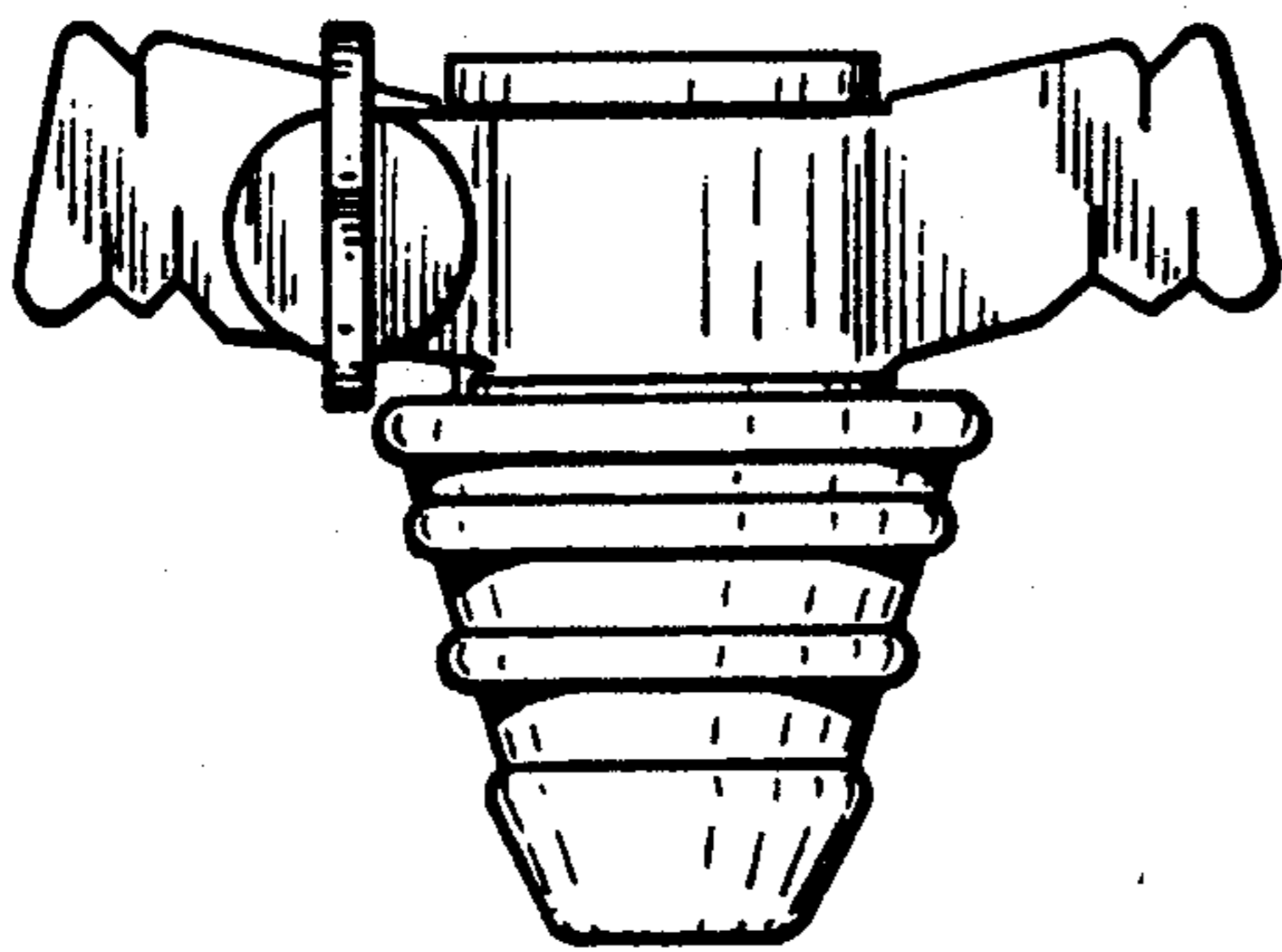


FIG-4

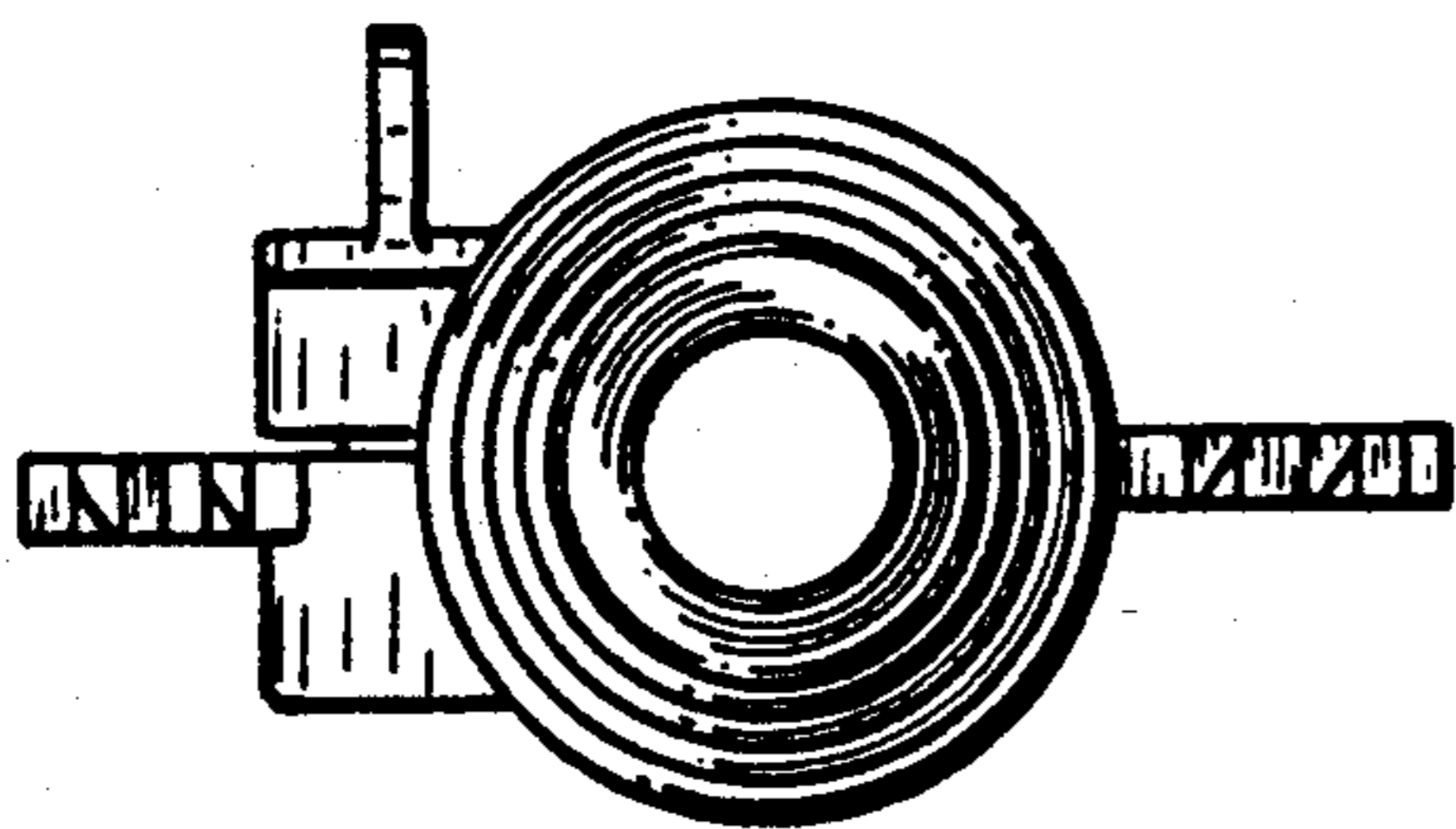


FIG-5

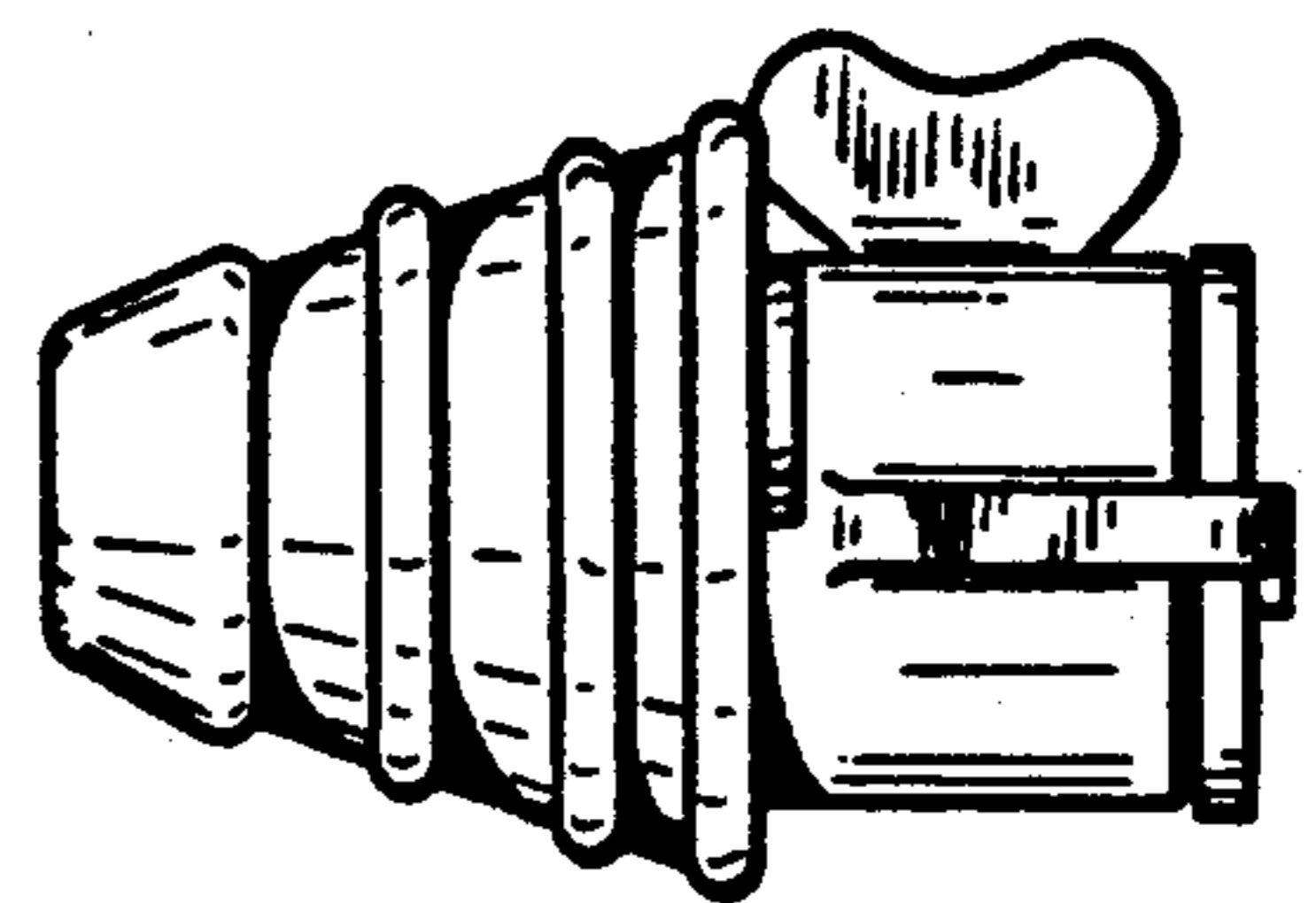


FIG-6

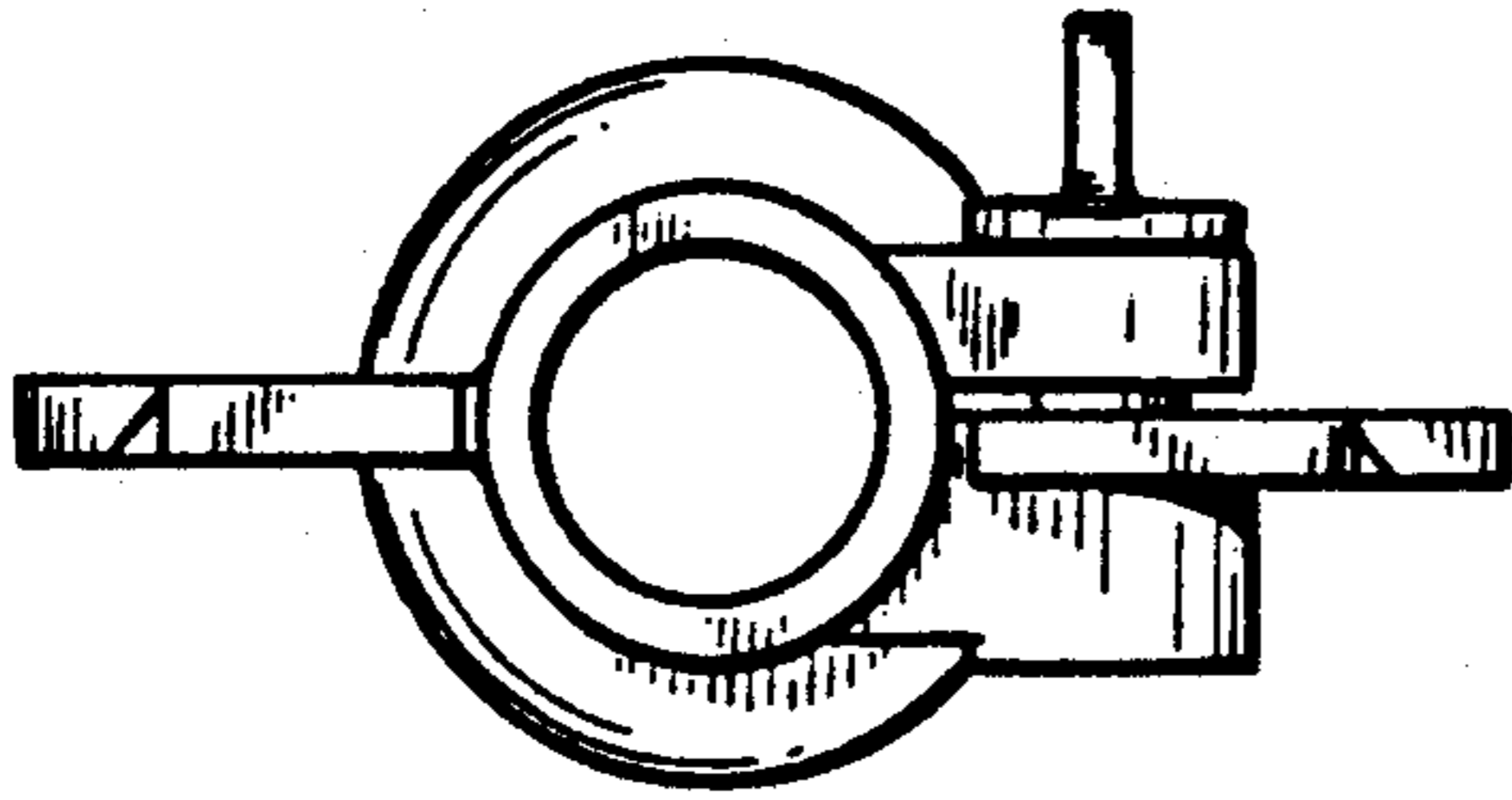


FIG-7

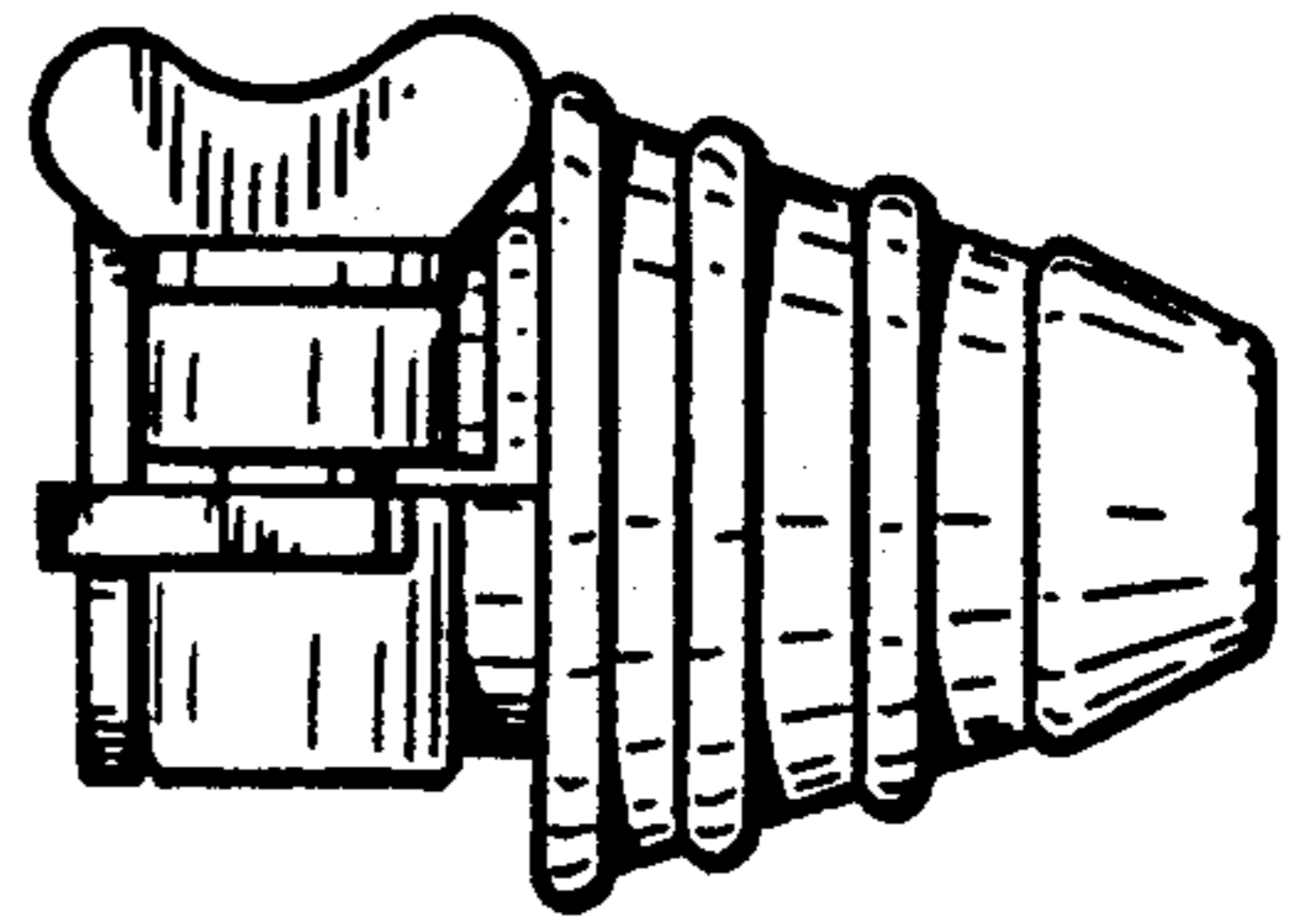


FIG-8

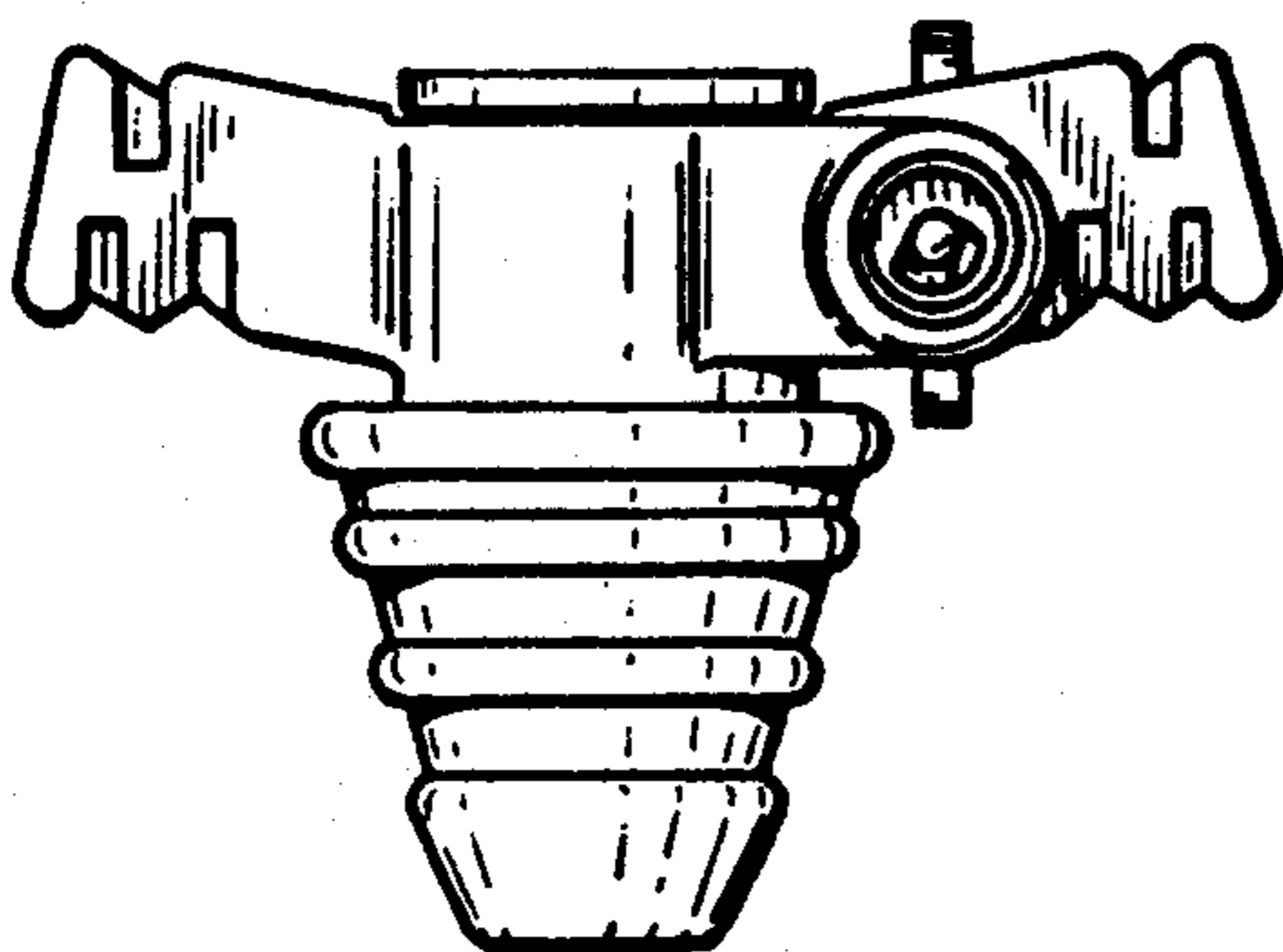


FIG-9

