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# United States Patent [19]

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**Anthony**

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[54] **SHROUDED ELECTRICAL CONNECTOR**

[75] Inventor: **John C. Anthony**, Fairfield, Conn.

[73] Assignee: **Hubbell Incorporated**, Orange, Conn.

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

[21] Appl. No.: **38,935**

[22] Filed: **May 17, 1995**

[52] U.S. Cl. .... **D13/146; D13/156**

[58] Field of Search ..... **D13/146, 156; 439/134, 135, 324, 333, 337, 671, 673**

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*Attorney, Agent, or Firm*—Jerry M. Presson; David L. Tarnoff

[57] **CLAIM**

The ornamental design for a shrouded electrical connector, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of the shrouded electrical connector according to a first embodiment of my new design;

FIG. 2 is a front side elevational view of the shrouded electrical connector of my new design shown in FIG. 1;

FIG. 3 is a rear side elevational view of the shrouded electrical connector of my new design shown in FIGS. 1 and 2;

FIG. 4 is a top plan view of the shrouded electrical connector of my new design shown in FIGS. 1–3;

FIG. 5 is a bottom plan view of the shrouded electrical connector of my new design shown in FIGS. 1–4;

FIG. 6 is a left end elevational view of the shrouded electrical connector of my new design shown in FIGS. 1–5;

FIG. 7 is a right end elevational view of the shrouded electrical connector of my new design shown in FIGS. 1–6;

FIG. 8 is a perspective view of a shrouded electrical connector according to a second embodiment of my new design with the closure cap covering the contacts;

FIG. 9 is a perspective view of the shrouded electrical connector of my new design shown in FIG. 8, with the closure cap exposing the contacts;

FIG. 10 is a front side elevational view of the shrouded electrical connector of my new design shown in FIGS. 8 and 9, with the closure cap covering the contacts;

FIG. 11 is a front side elevational view of the shrouded electrical connector of my new design shown in FIGS. 8–10, with the closure cap exposing the contacts;

FIG. 12 is a rear side elevational view of the shrouded electrical connector of my new design shown in FIGS. 8–11, with the closure cap covering the contacts;

FIG. 13 is a rear side elevational view of the shrouded electrical connector and closure cap of my new design shown in FIGS. 8–12, with the closure cap exposing the contacts;

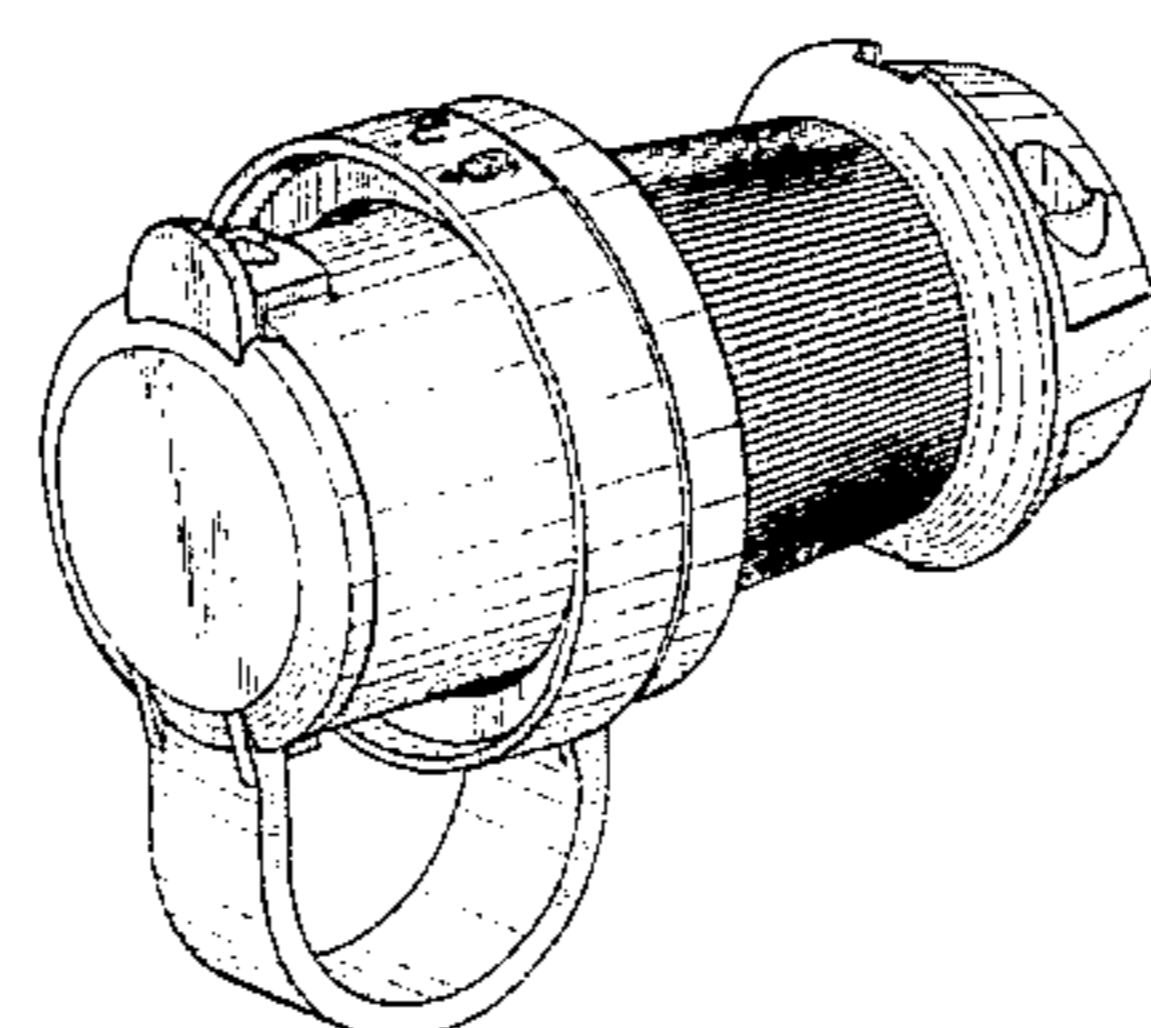
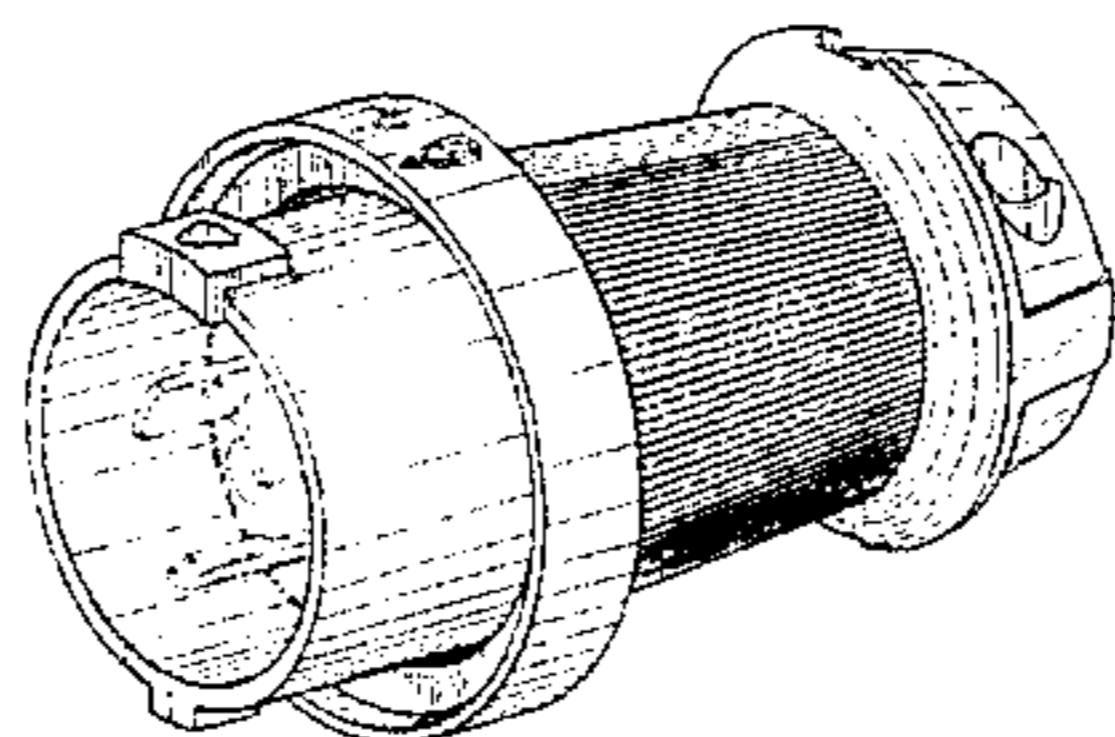


FIG. 14 is a top plan view of the shrouded electrical connector of my new design shown in FIGS. 8-13, with the closure cap covering the contacts;

FIG. 15 is a top plan view of the shrouded electrical connector of my new design shown in FIGS. 8-14, with the closure cap exposing the contacts;

FIG. 16 is a bottom plan view of the shrouded electrical connector of my new design shown in FIGS. 8-15 with the closure cap covering the contacts;

FIG. 17 is a bottom plan view of the shrouded electrical connector of my new design shown in FIGS. 8-16, with the closure cap exposing the contacts;

FIG. 18 is a left end elevational view of the shrouded electrical connector of my new design shown in FIGS. 8-17 with the closure cap covering the contacts;

FIG. 19 is a left end elevational view of the shrouded electrical connector of my new design shown in FIGS. 8-18, with the closure cap exposing the contacts;

FIG. 20 is a right end elevational view of the shrouded electrical connector of my new design shown in FIGS. 8-19, with the closure cap covering the contacts; and,

FIG. 21 is a right end elevational view of the shrouded electrical connector of my new design shown in FIGS. 8-20, with the closure cap exposing the contacts.

The broken line showing of environment in the figures is for illustrative purposes only and forms no part of the claimed design. The electrical connector of the claimed design can be either a male or female electrical connector.

**1 Claim, 13 Drawing Sheets**

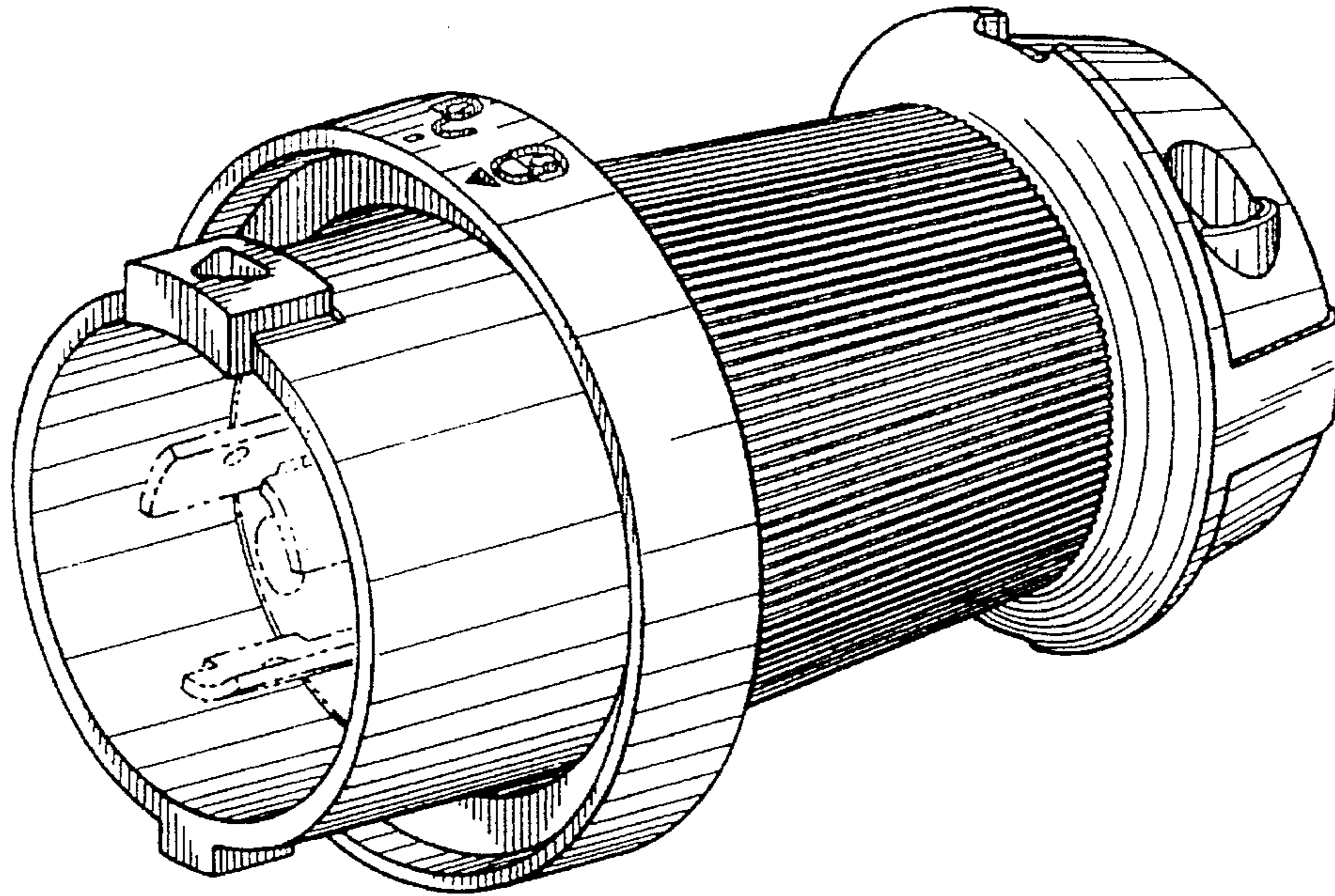


FIG. 1

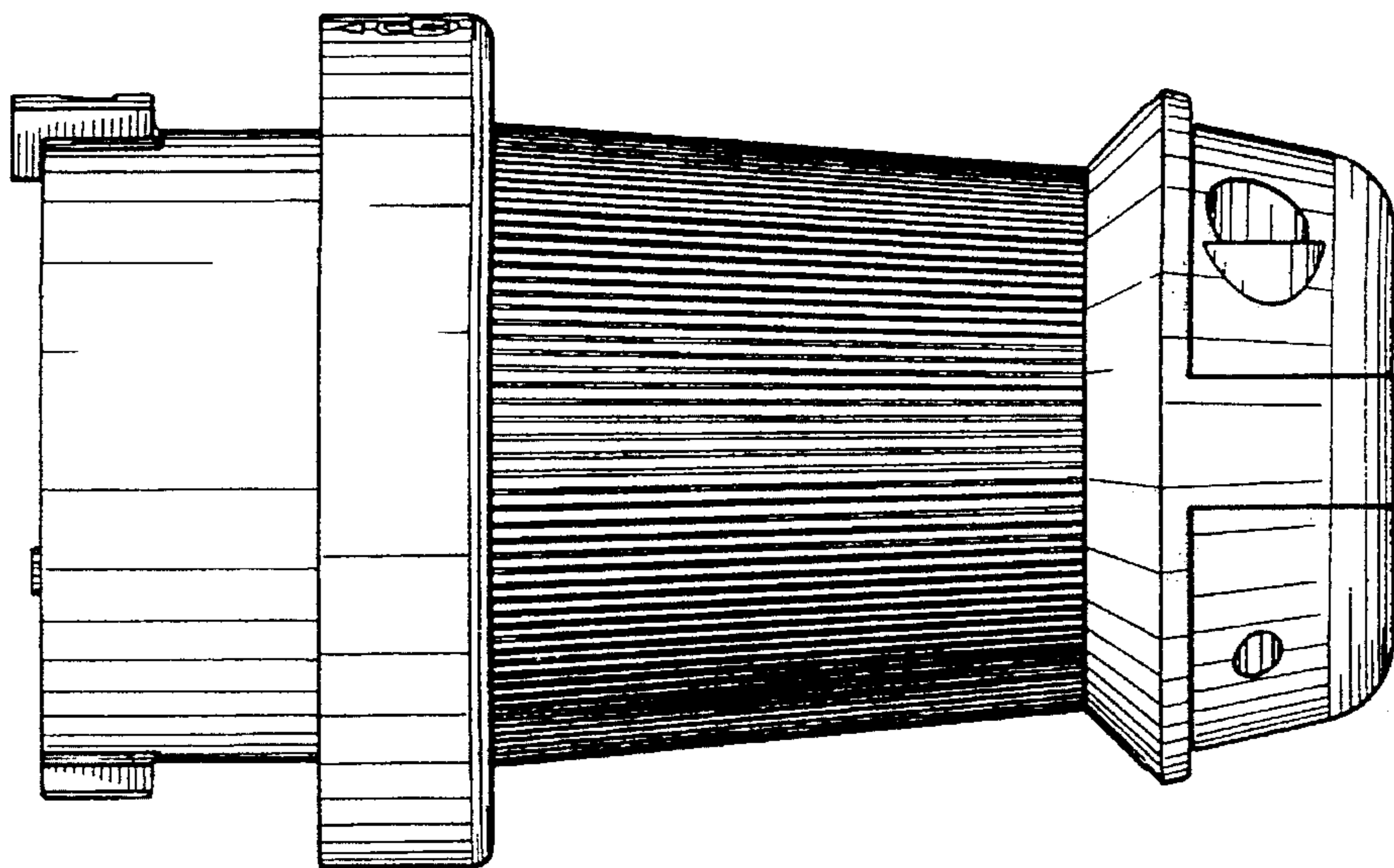


FIG. 2

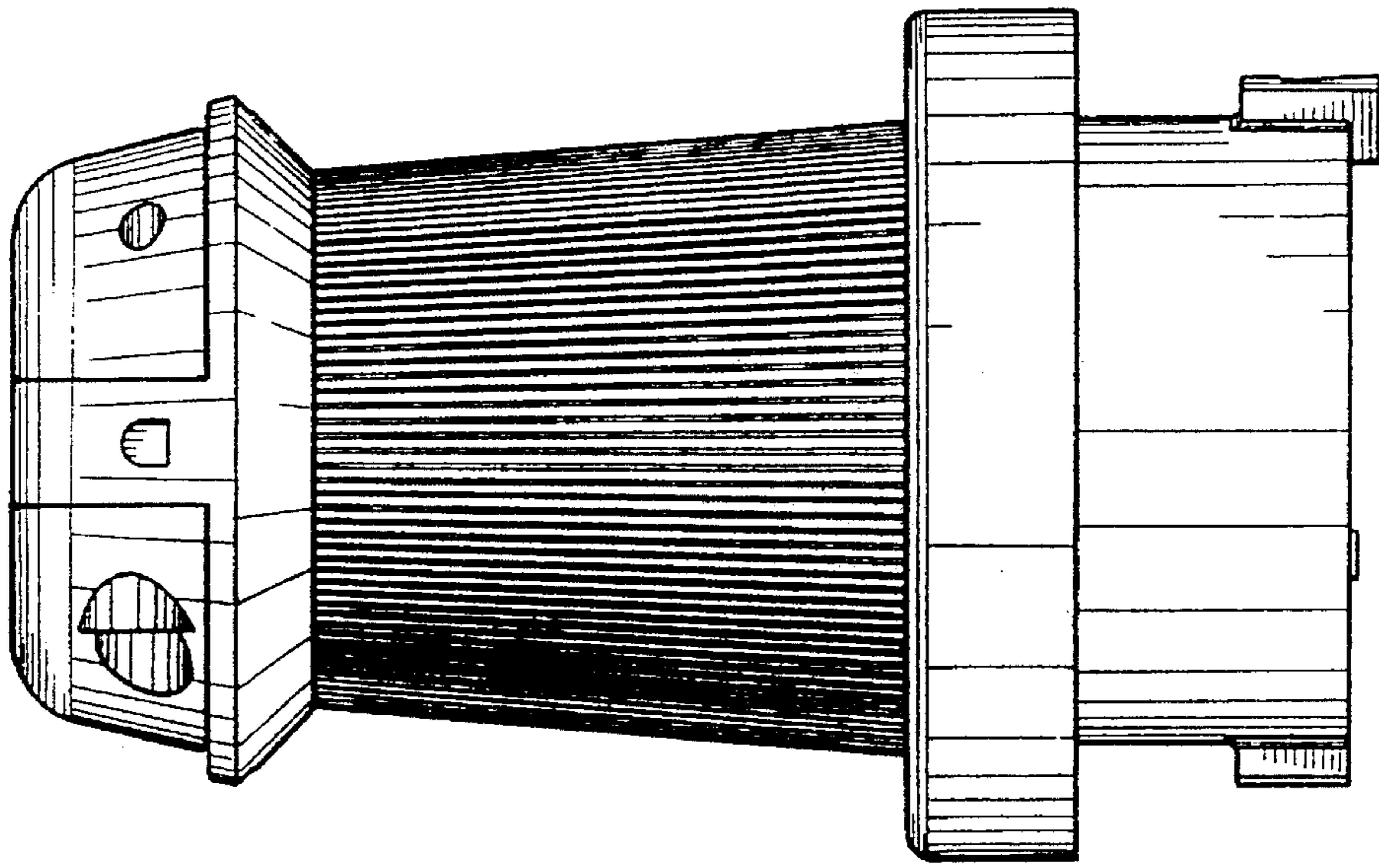


FIG. 3

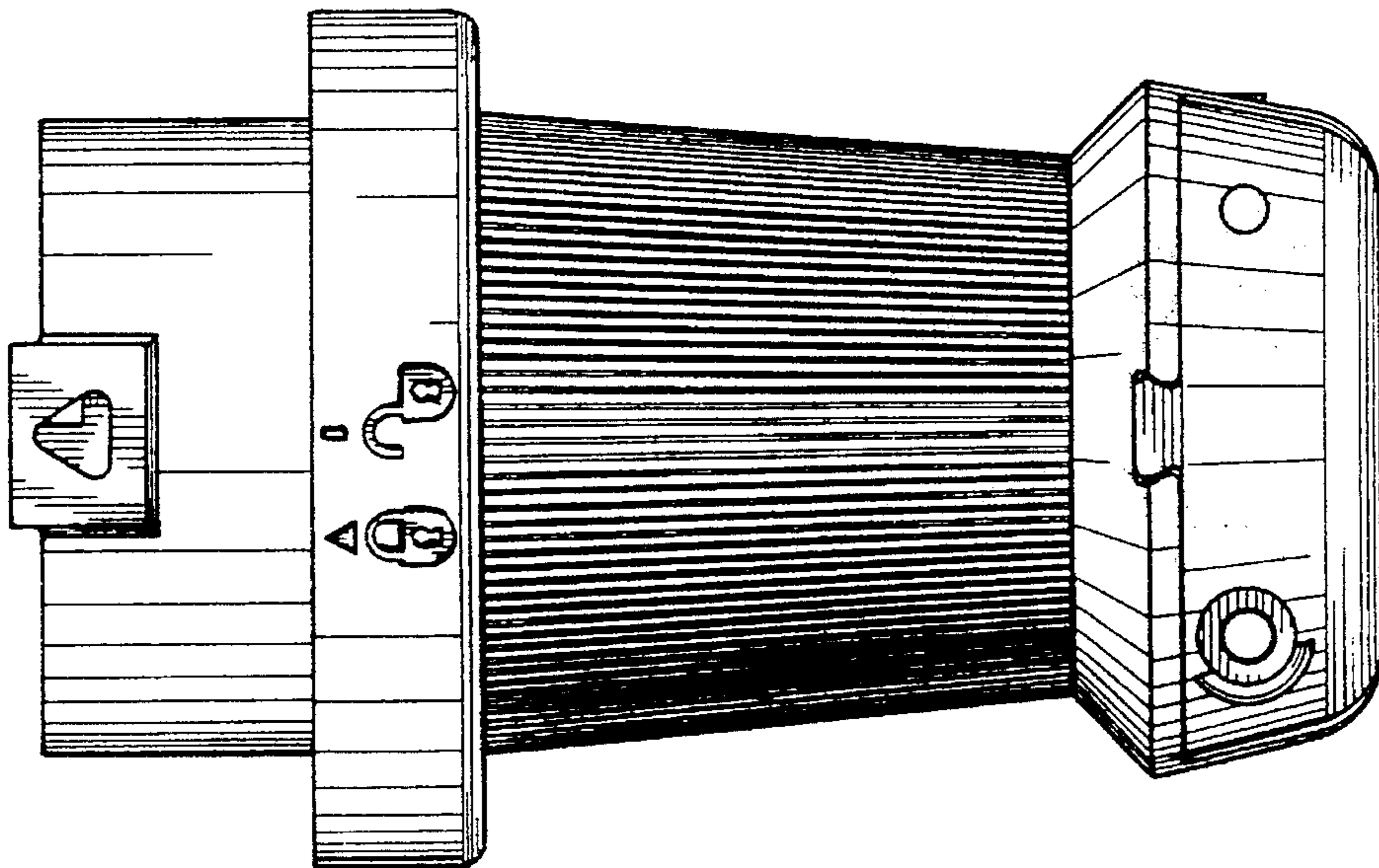


FIG. 4

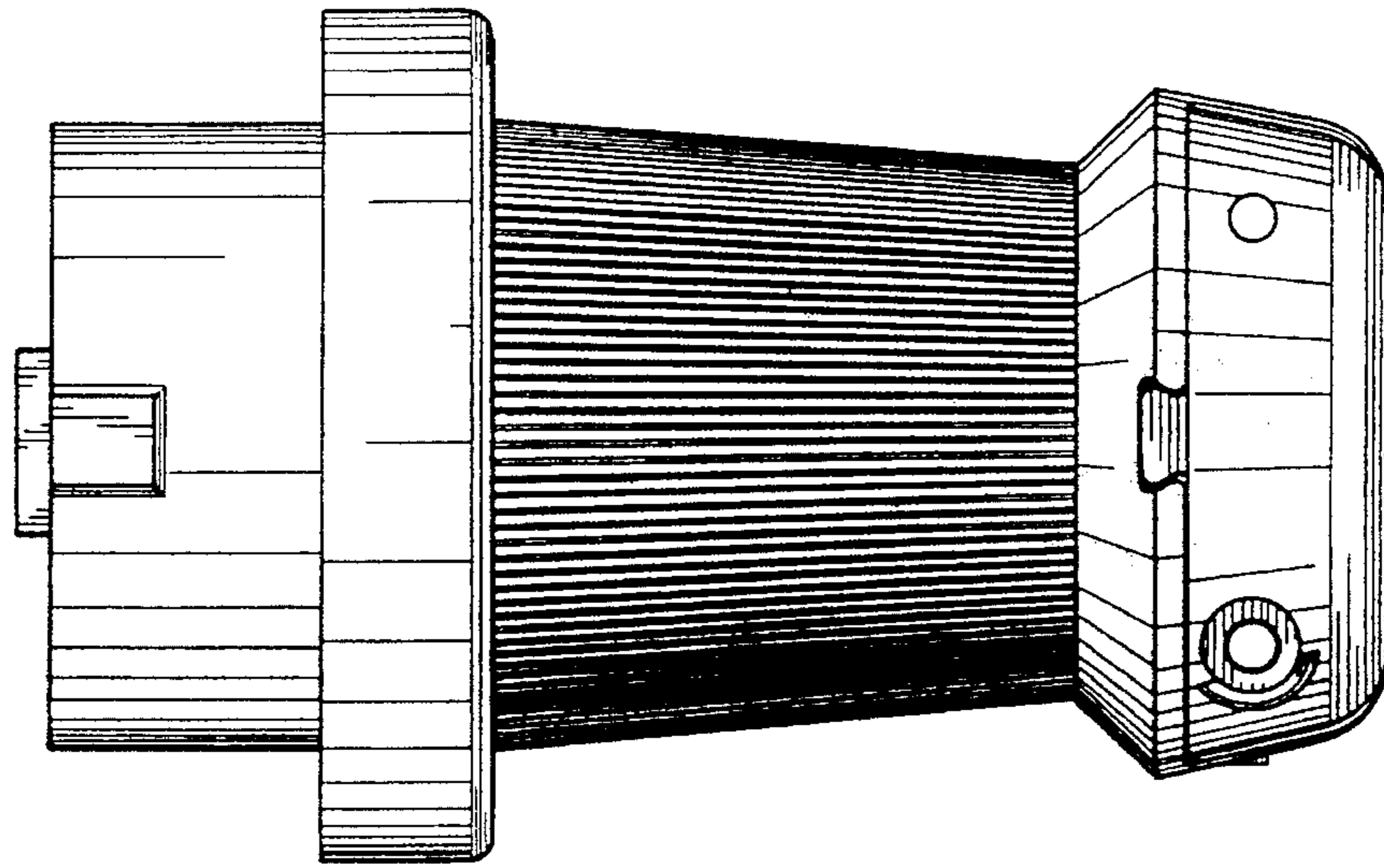


FIG. 5

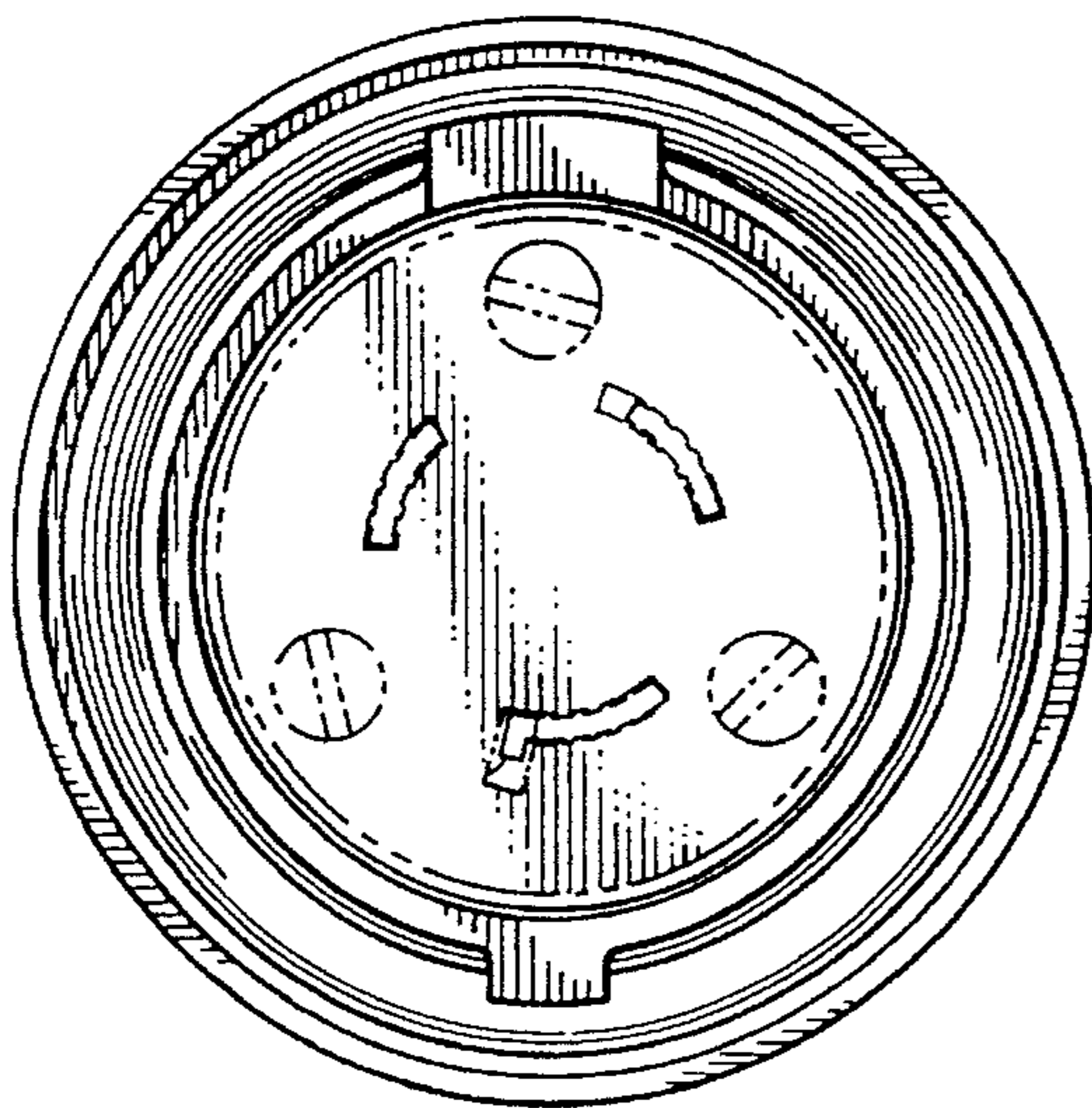


FIG. 6

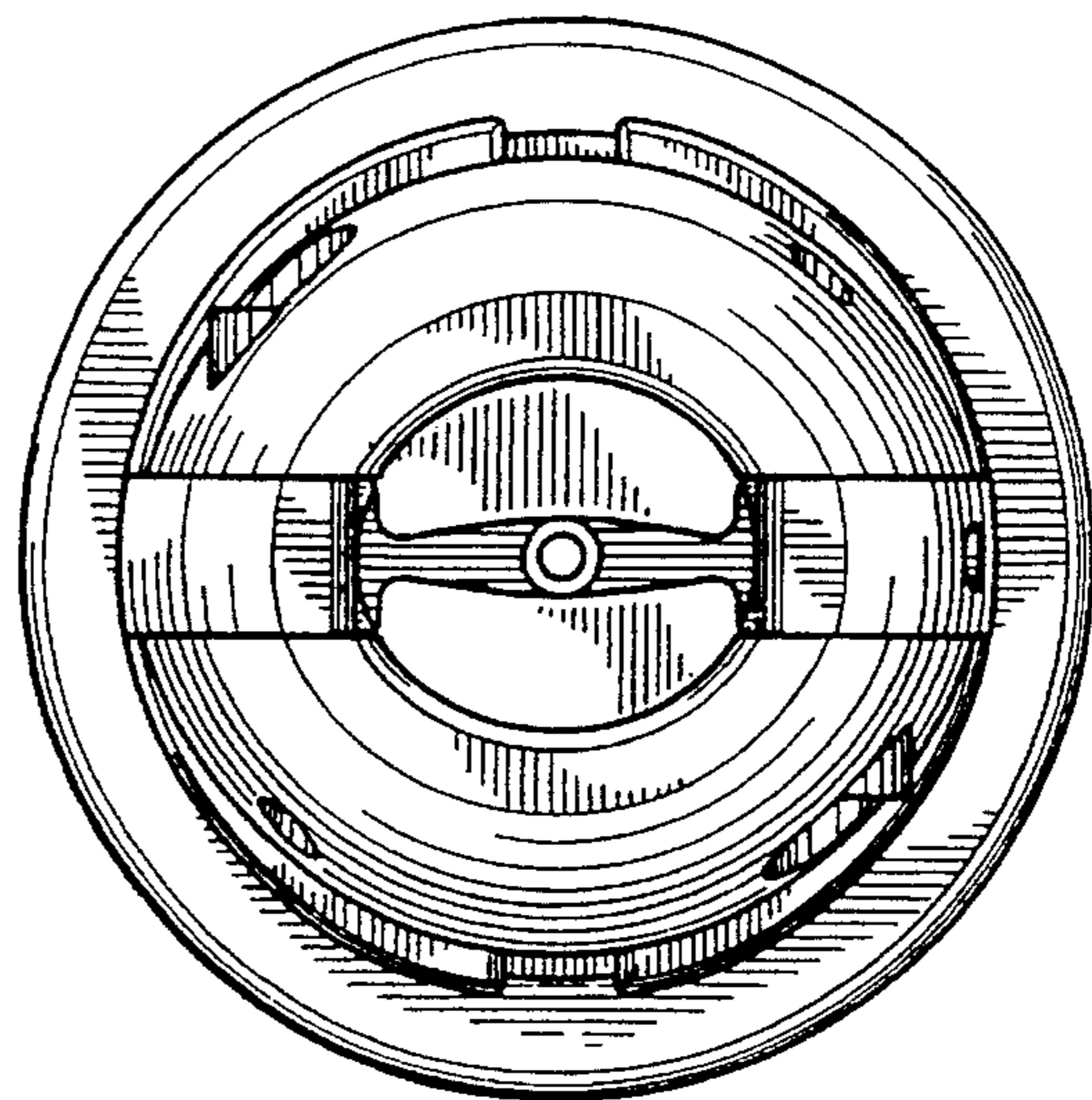


FIG. 7

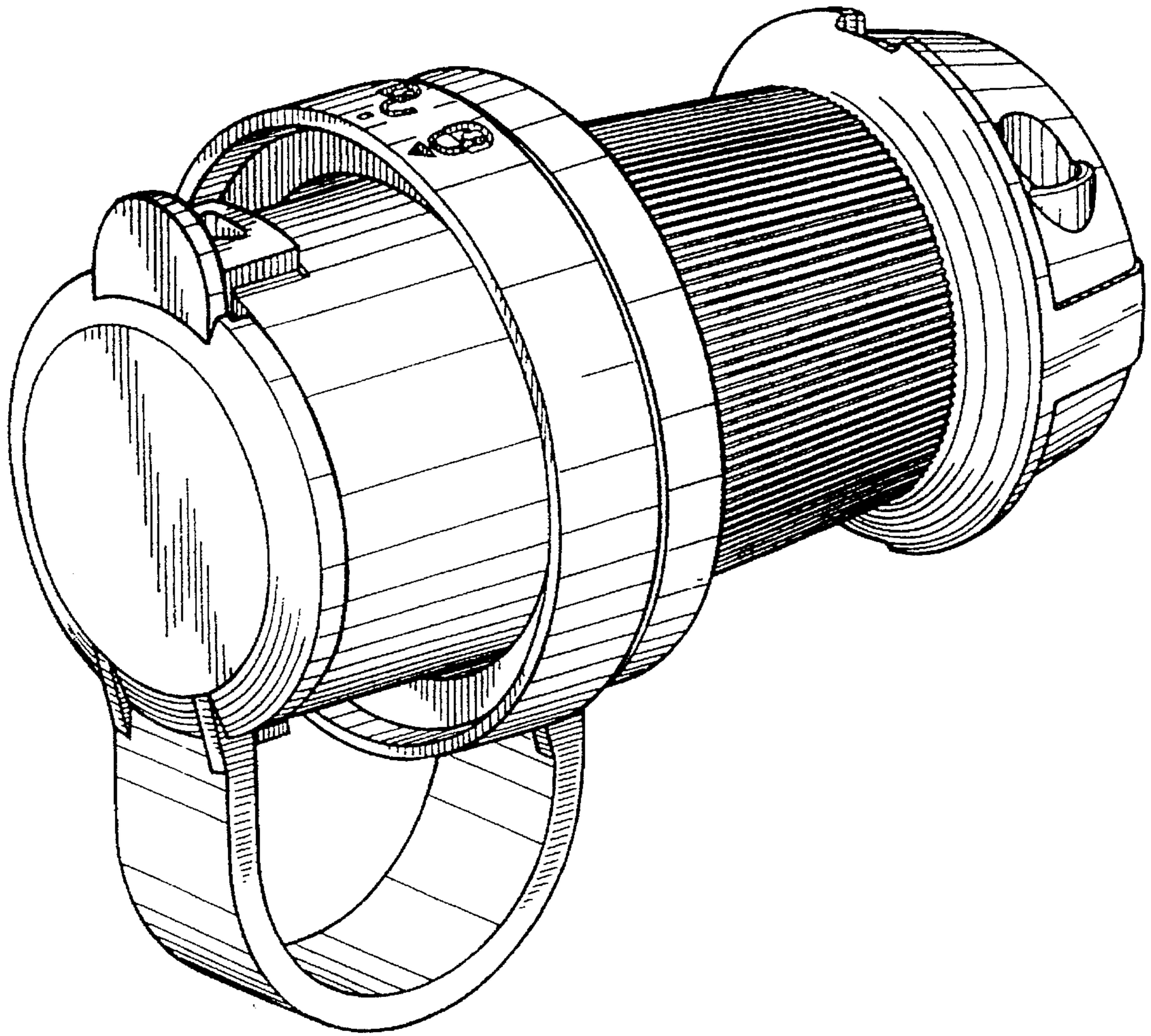


FIG. 8

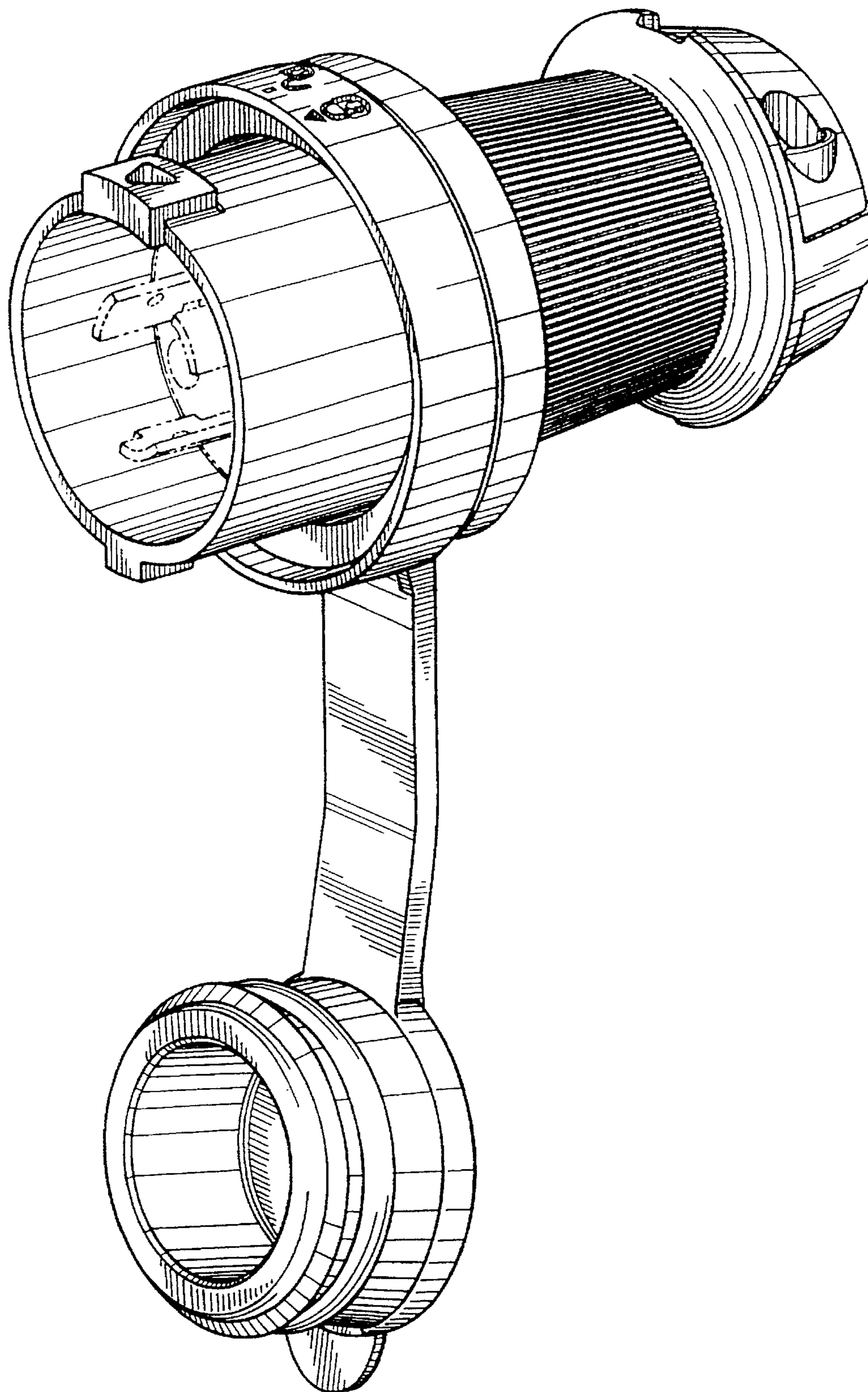


FIG. 9

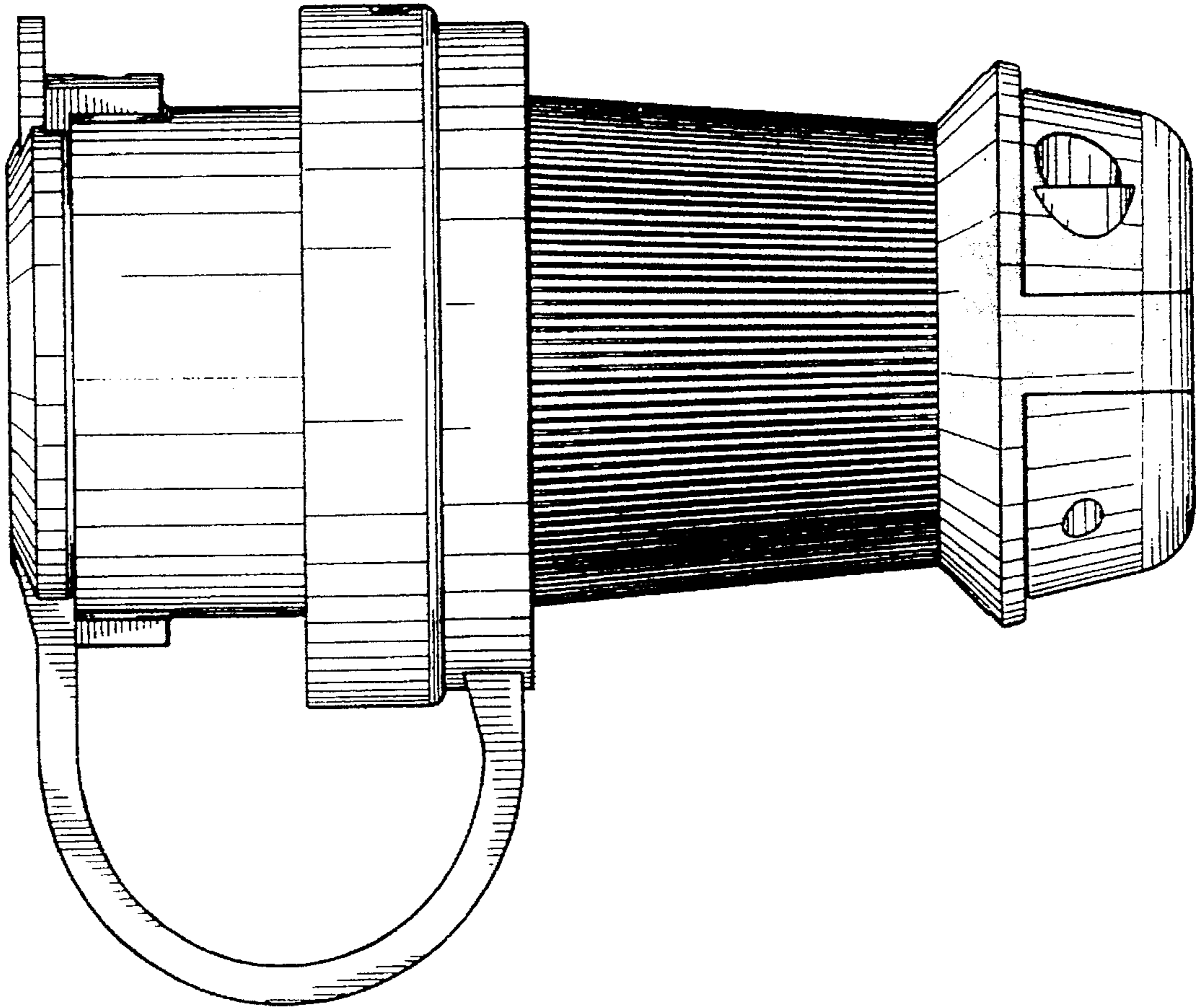


FIG. 10



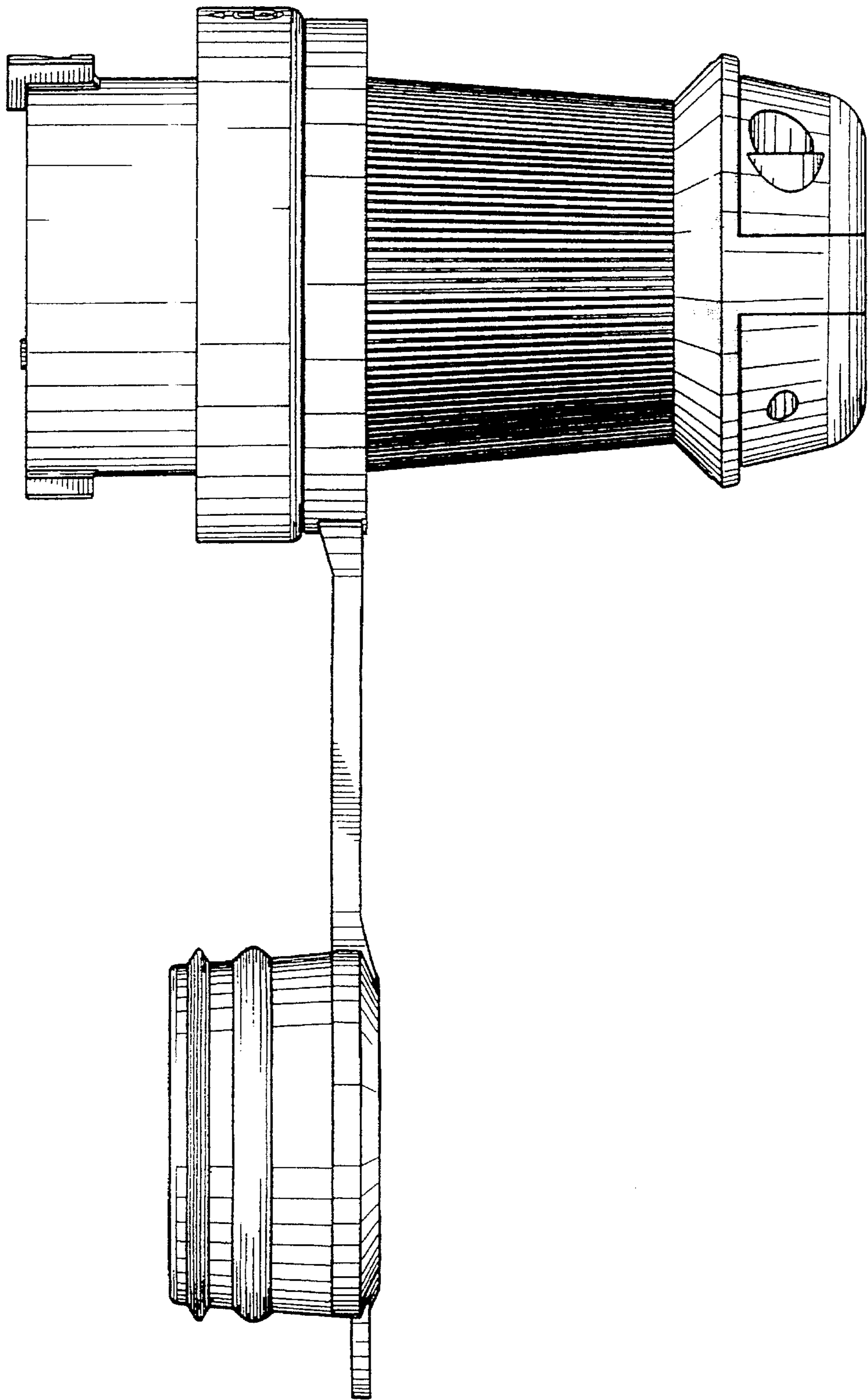


FIG. II

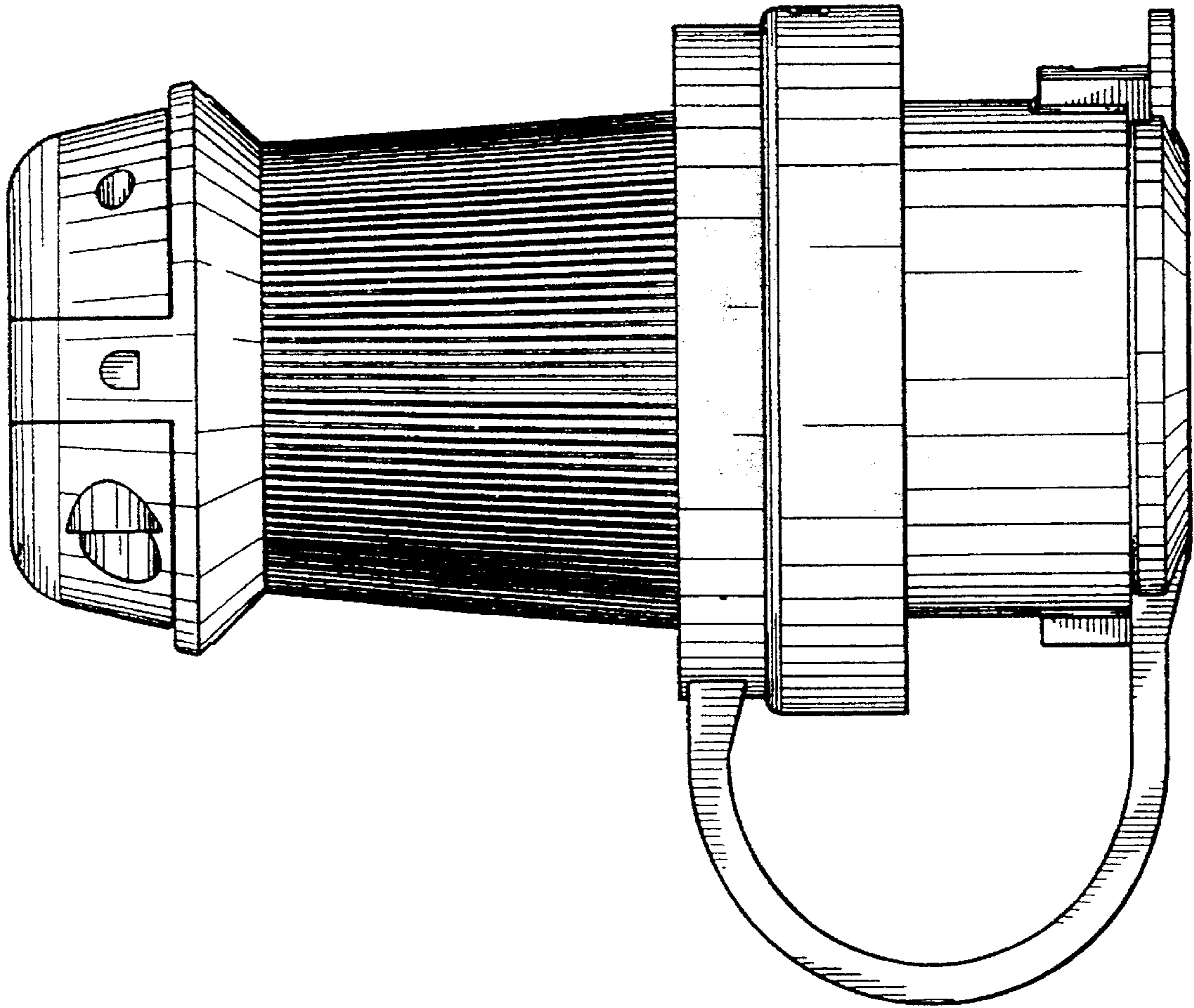


FIG. 12

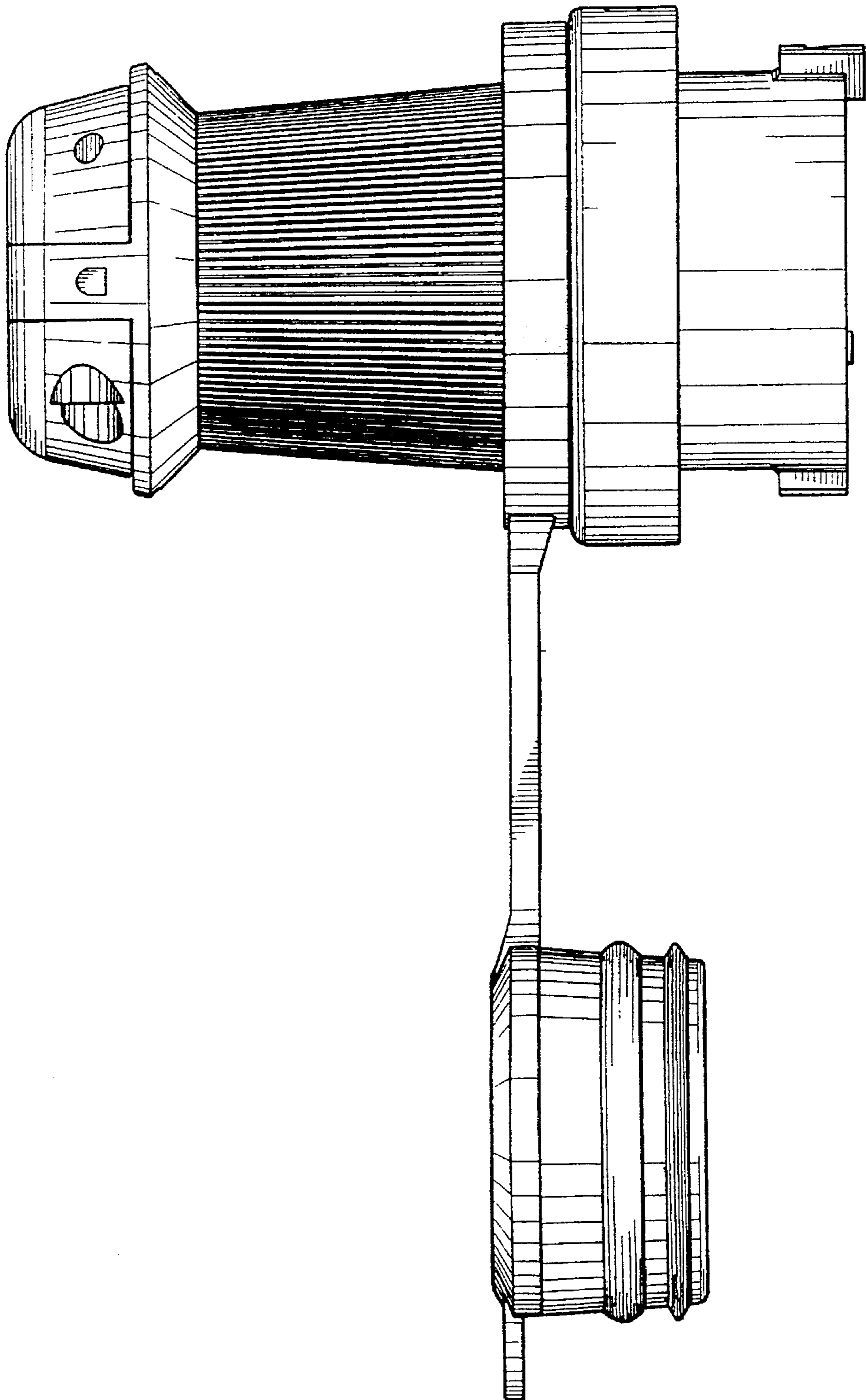


FIG. 13

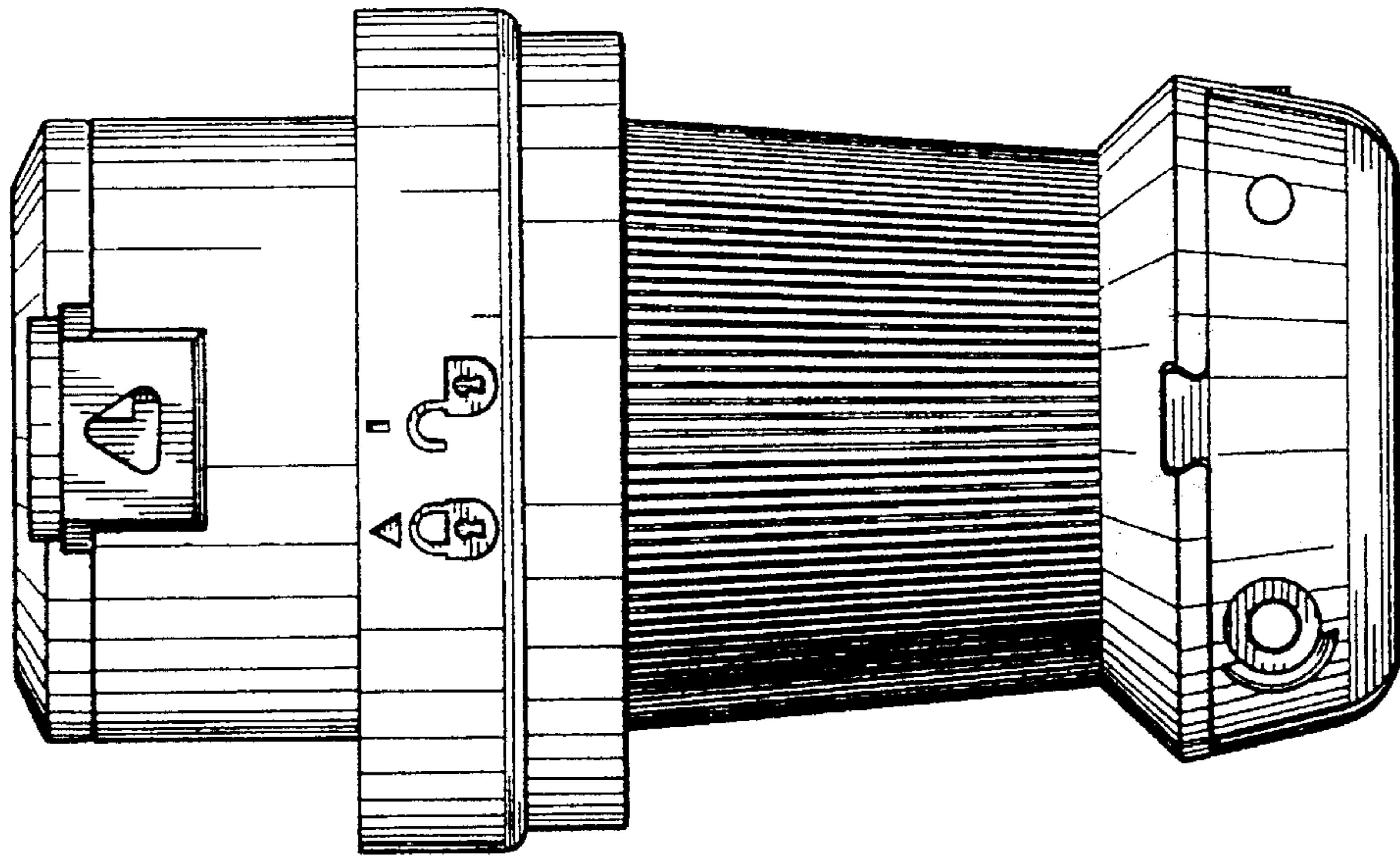


FIG. 14

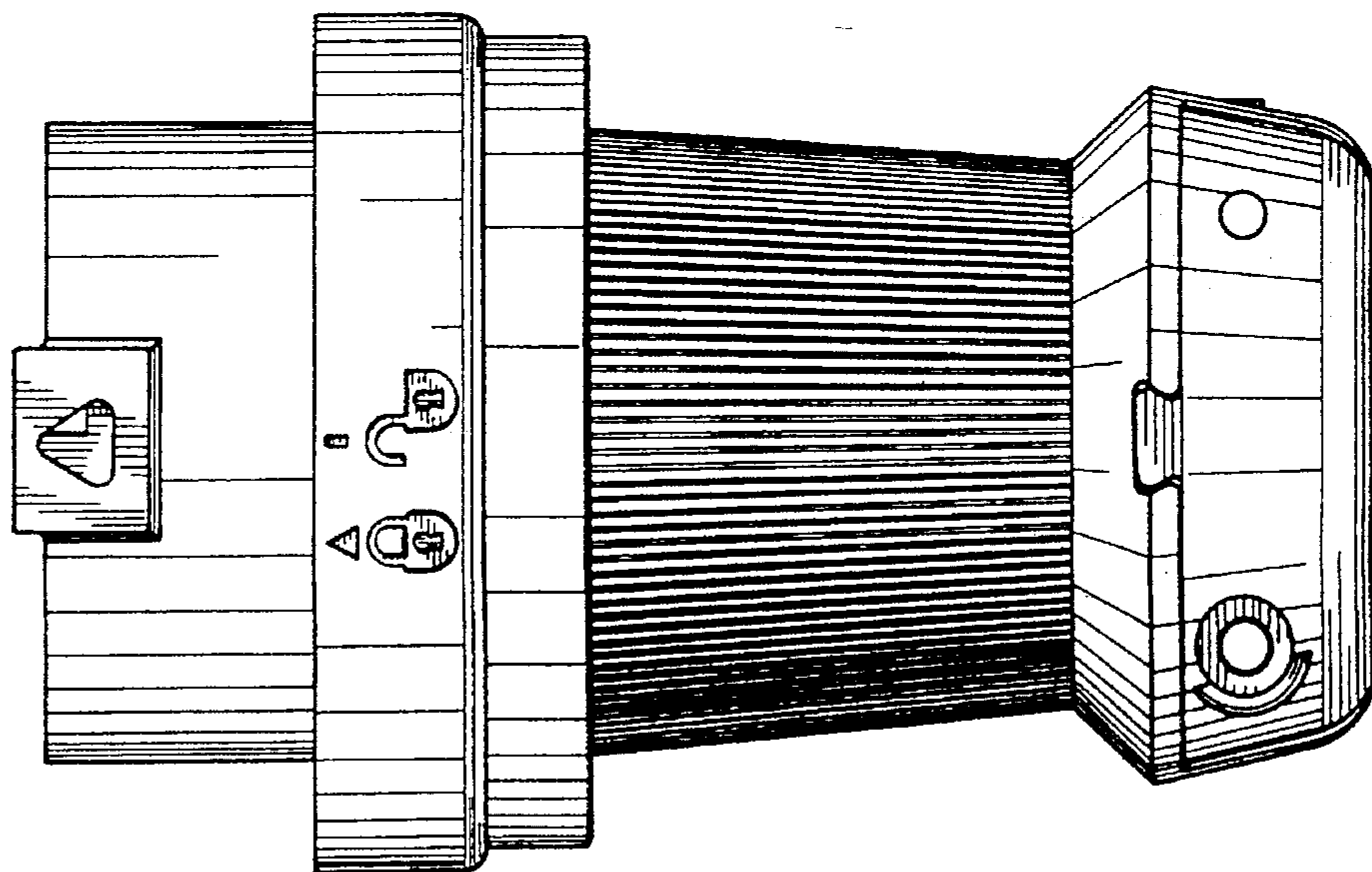


FIG. 15

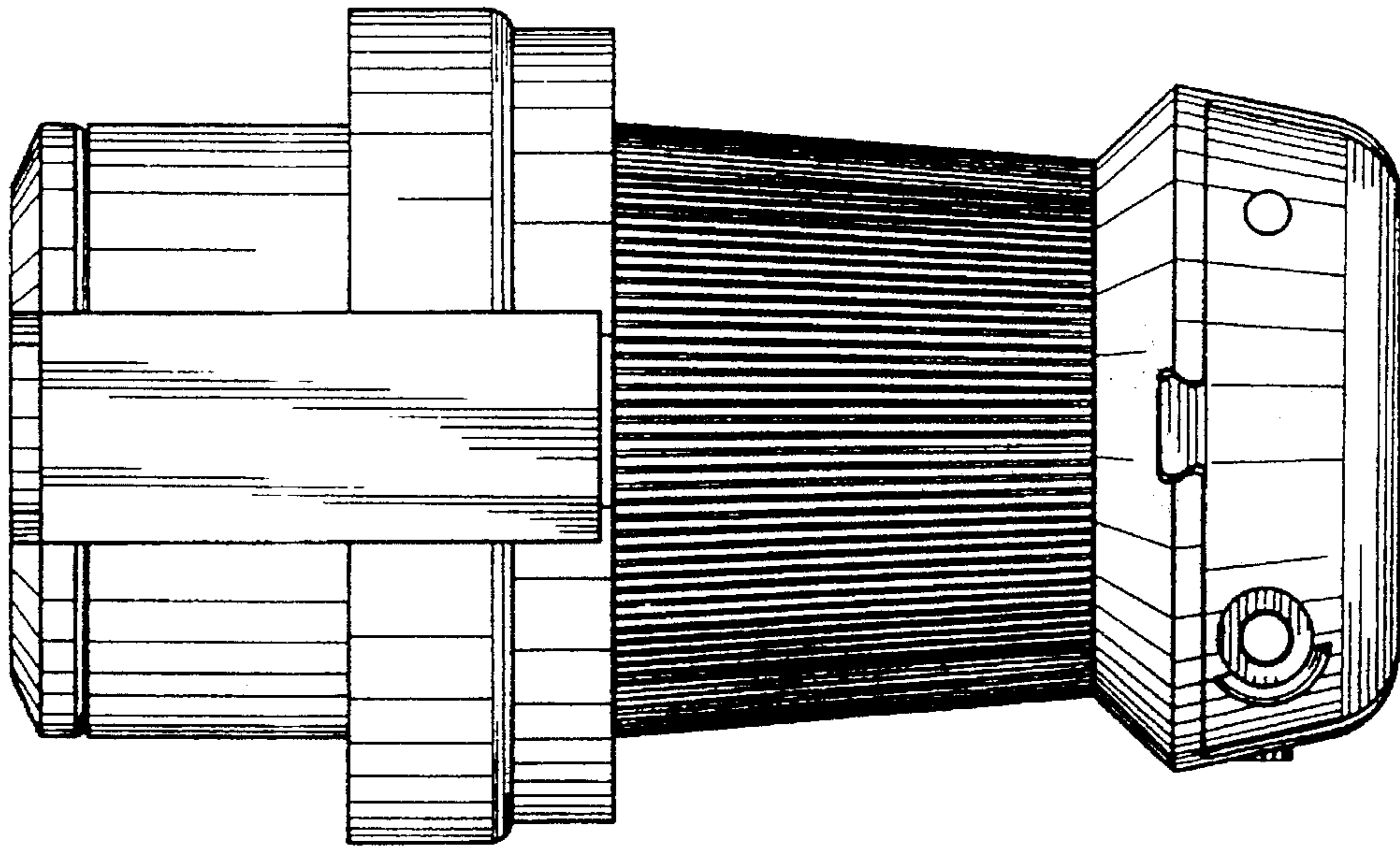


FIG. 16

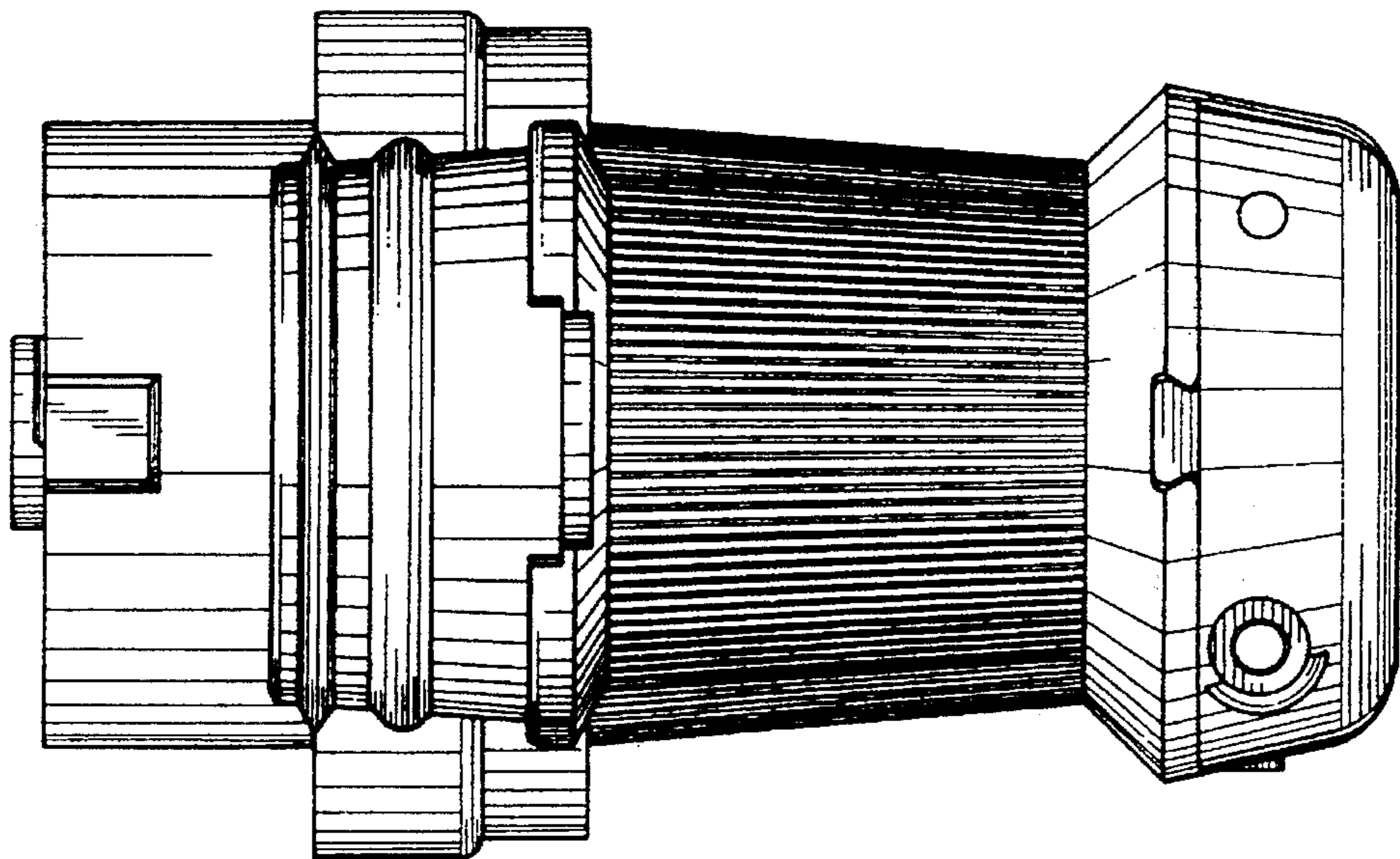


FIG. 17

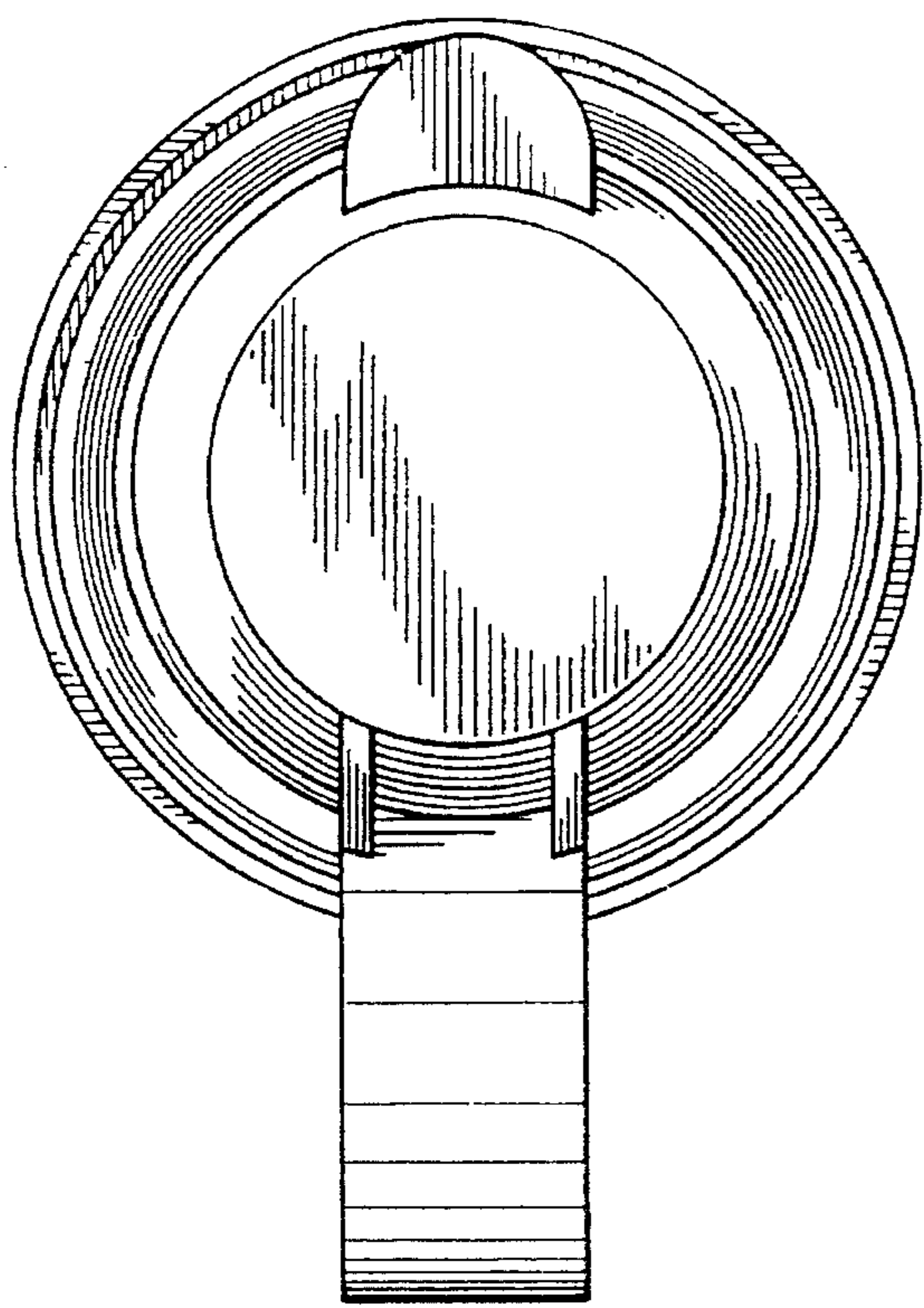


FIG. 18

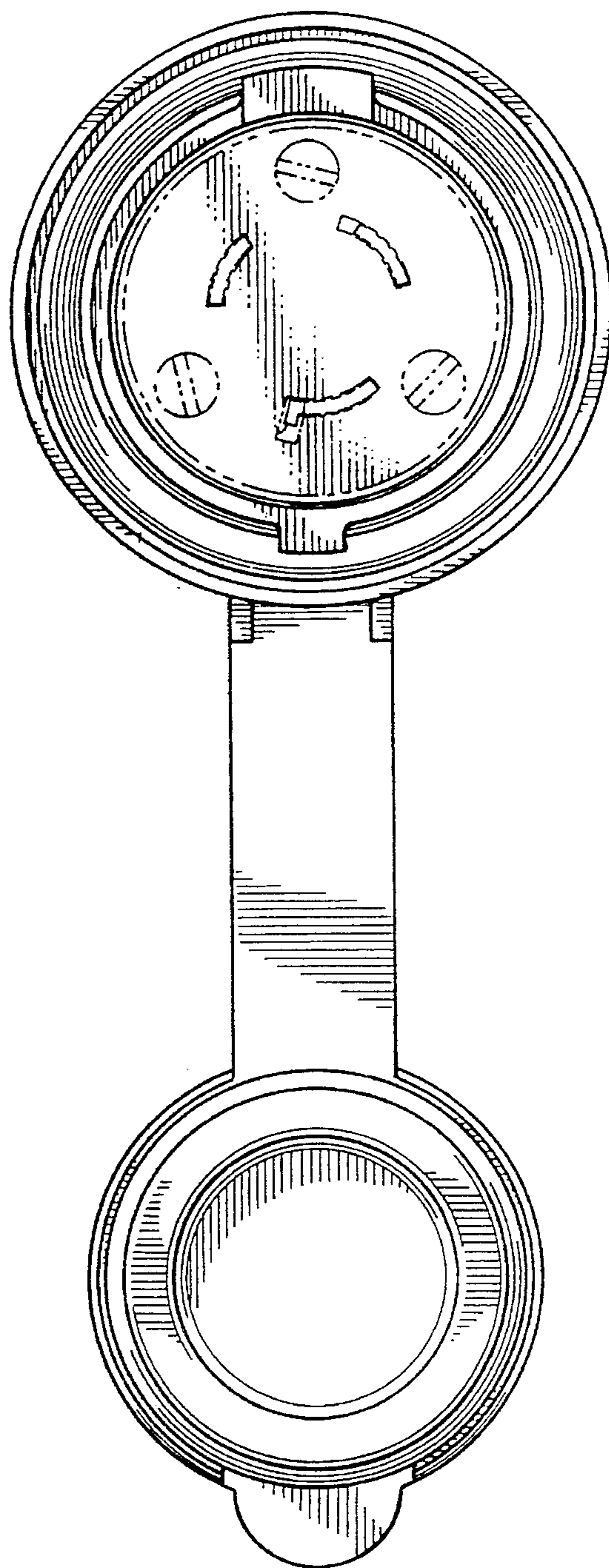


FIG. 19

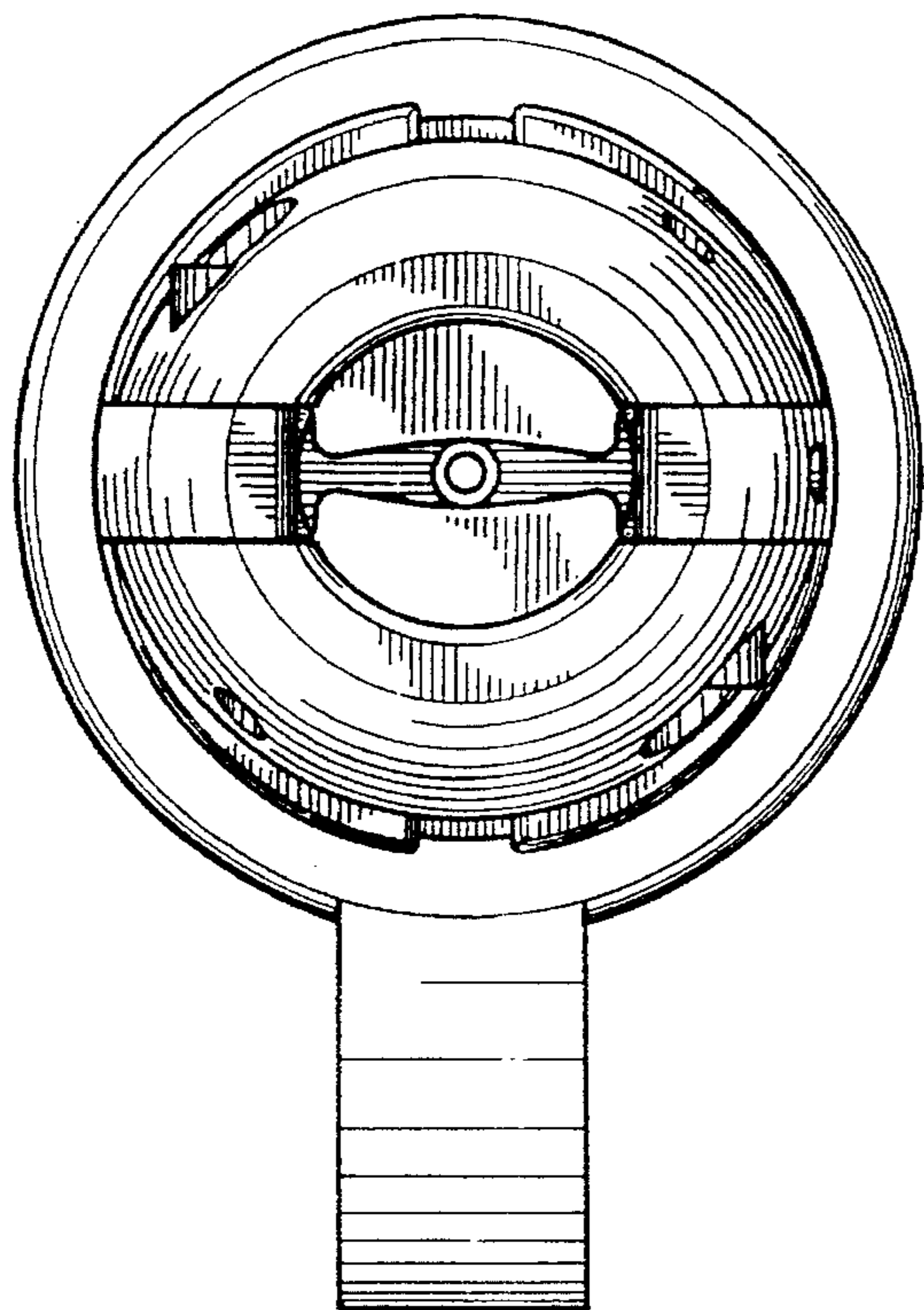


FIG. 20

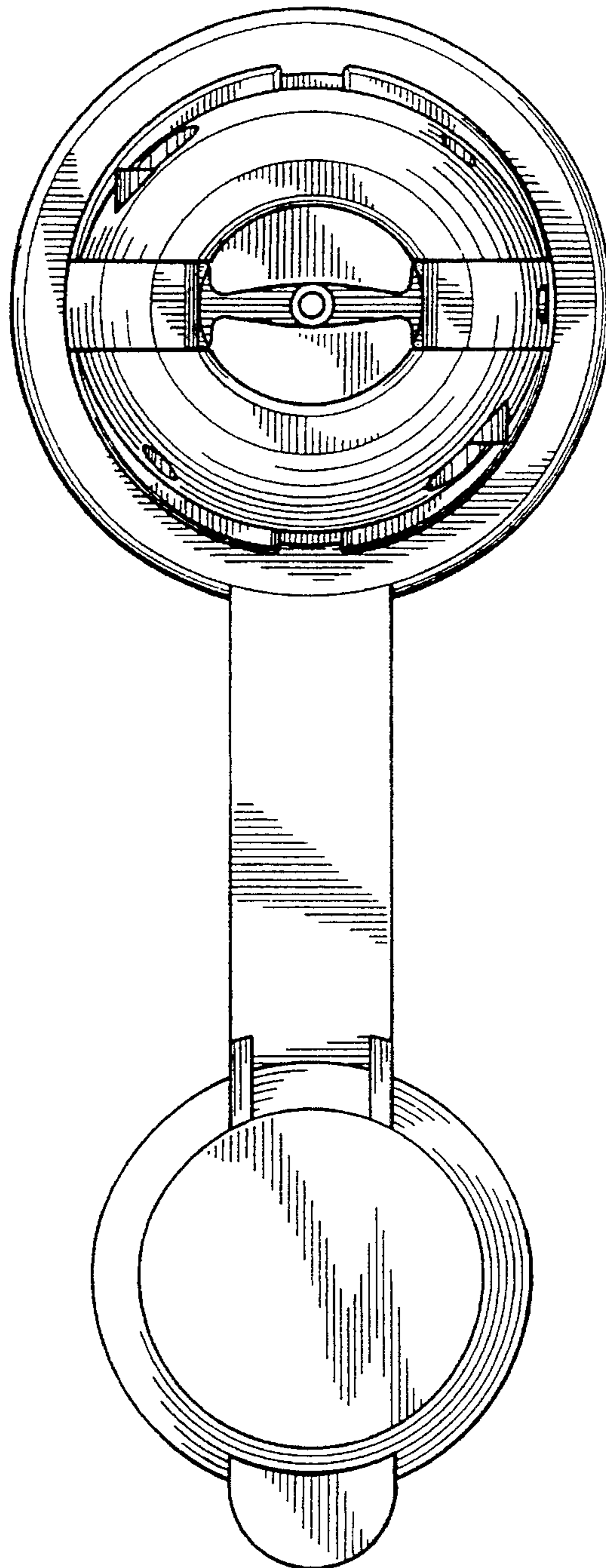


FIG. 21