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United States Patent [19]

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Rosier

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[54] INSTALLATION TOOL FOR SETTING PULL TYPE FASTENERS

[75] Inventor: **Hendrik E. Rosier**, Kingston, N.Y.

[73] Assignee: **Huck International, Inc.**, Irvine, Calif.

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

[21] Appl. No.: **16,199**

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[52] U.S. Cl. **D8/68**

[58] Field of Search D8/61, 69, 68;
72/391.6, 391, 453.17, 453.19; 29/818,
809, 810, 243.523, 243.525

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Primary Examiner—Alan P. Douglas

Attorney, Agent, or Firm—Harness, Dickey & Pierce

[57] CLAIM

The ornamental design for installation tool for setting pull type fasteners, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of the installation tool with a nose assembly shown in phantom at the front end of the tool; FIG. 2 is front elevational view of the installation tool of FIG. 1;

FIG. 3 is a side elevational view of the installation tool of FIG. 1;

FIG. 4 is a rear elevational view of the installation tool of FIG. 1;

FIG. 5 is a top elevation view of the installation tool of FIG. 1 with the nose assembly shown rotated around 90° from that shown in FIGS. 1 and 3;

FIG. 6 is a bottom elevational view of the installation tool of FIG. 1 with the nose assembly shown rotated around 90° from that shown in FIGS. 1 and 3;

FIG. 7 is a perspective view of a second embodiment of FIGS. 1-6 with the nose assembly, which was shown in phantom, being shown in solid lines in the position depicted in FIGS. 1 and 3;

FIG. 8 is a top elevational view of the installation tool of FIG. 7 with the nose assembly shown in the position depicted in phantom in FIG. 5;

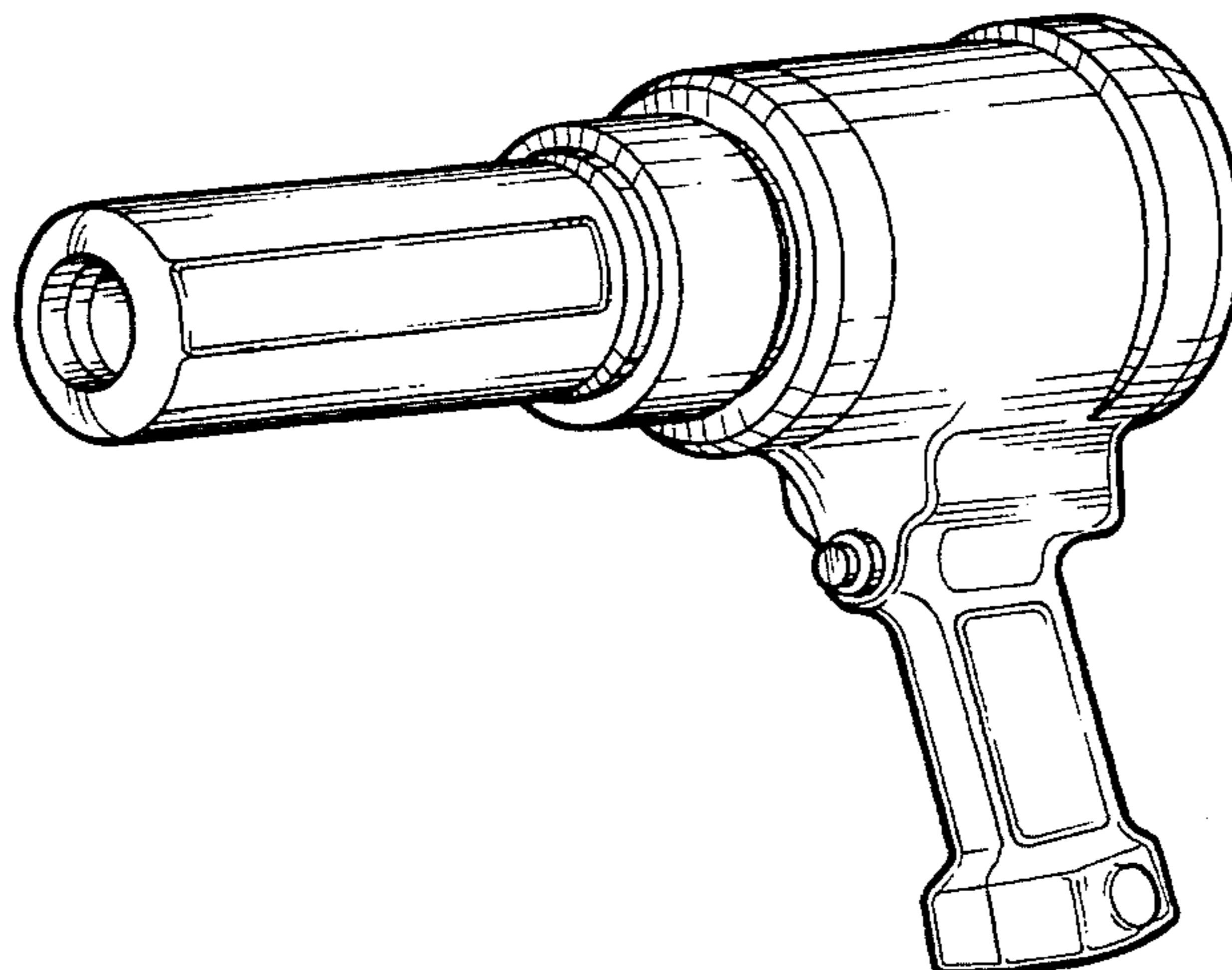
FIG. 9 is a bottom elevational view of the installation tool of FIG. 7 with the nose assembly shown in the position depicted in phantom in FIG. 6;

FIG. 10 is a front elevational view of the installation tool of FIG. 7;

FIG. 11 is a side elevational view of the installation tool of FIG. 7; and,

FIG. 12 is a rear elevational view of the installation tool of FIG. 7.

1 Claim, 5 Drawing Sheets



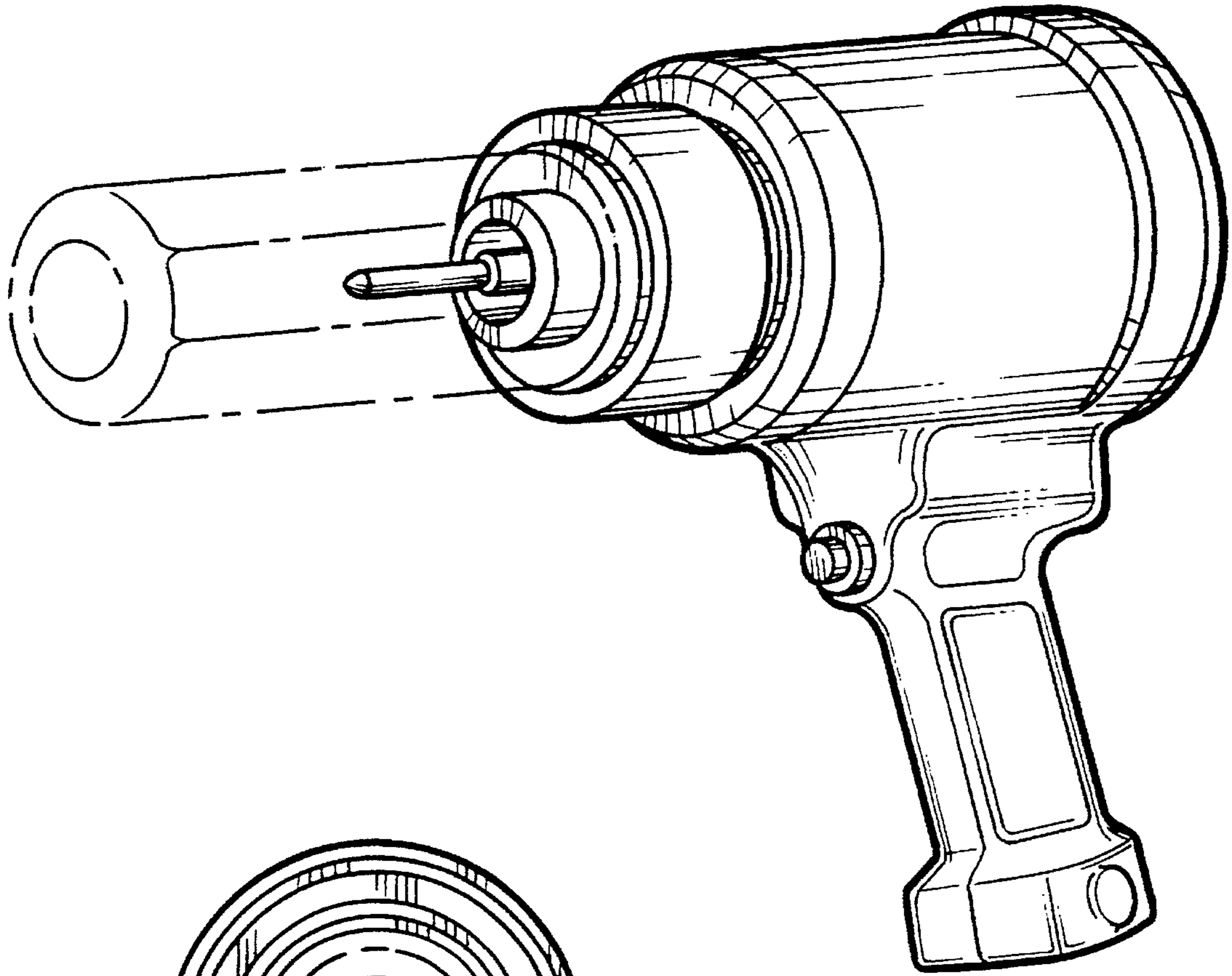


Fig-1

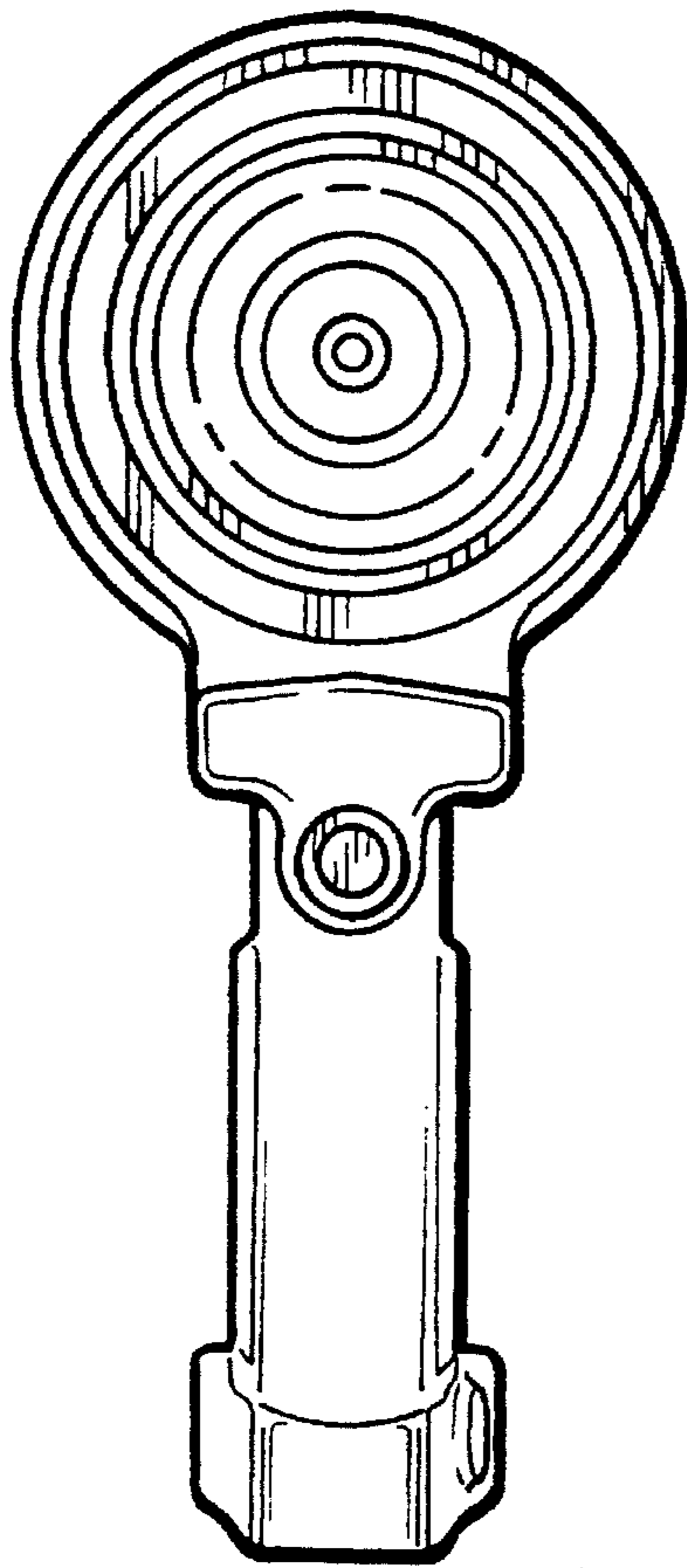


Fig-2

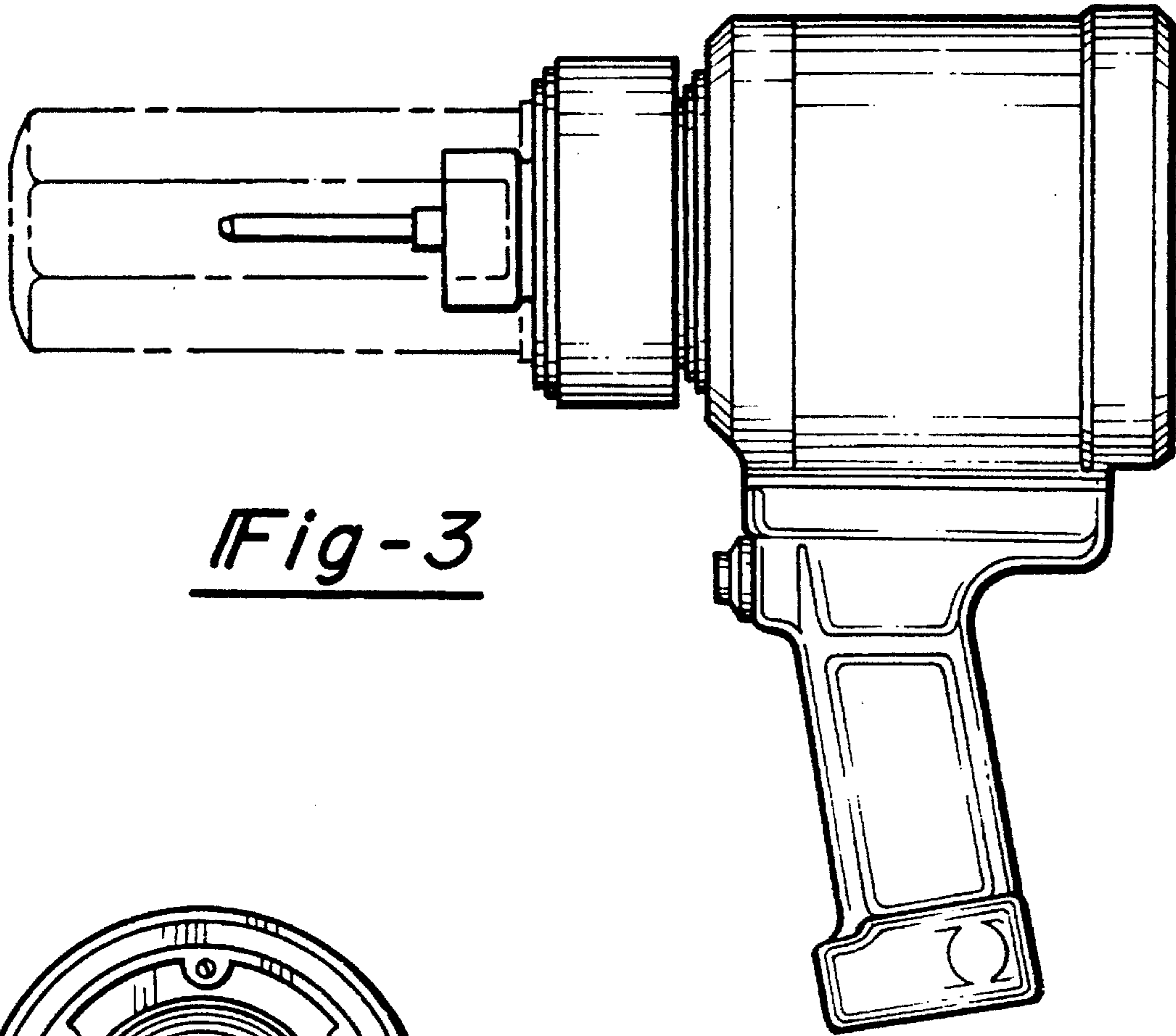


Fig-3

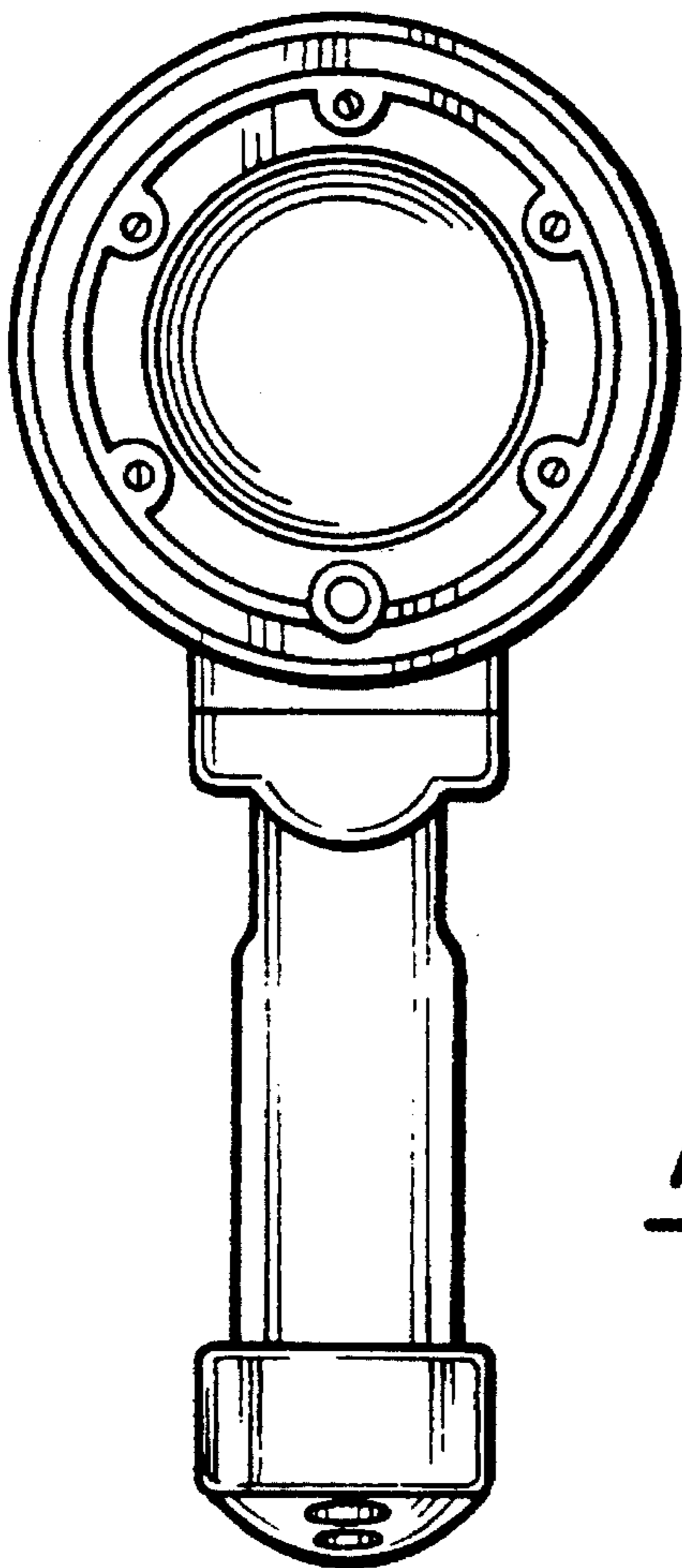


Fig-4

Fig-5

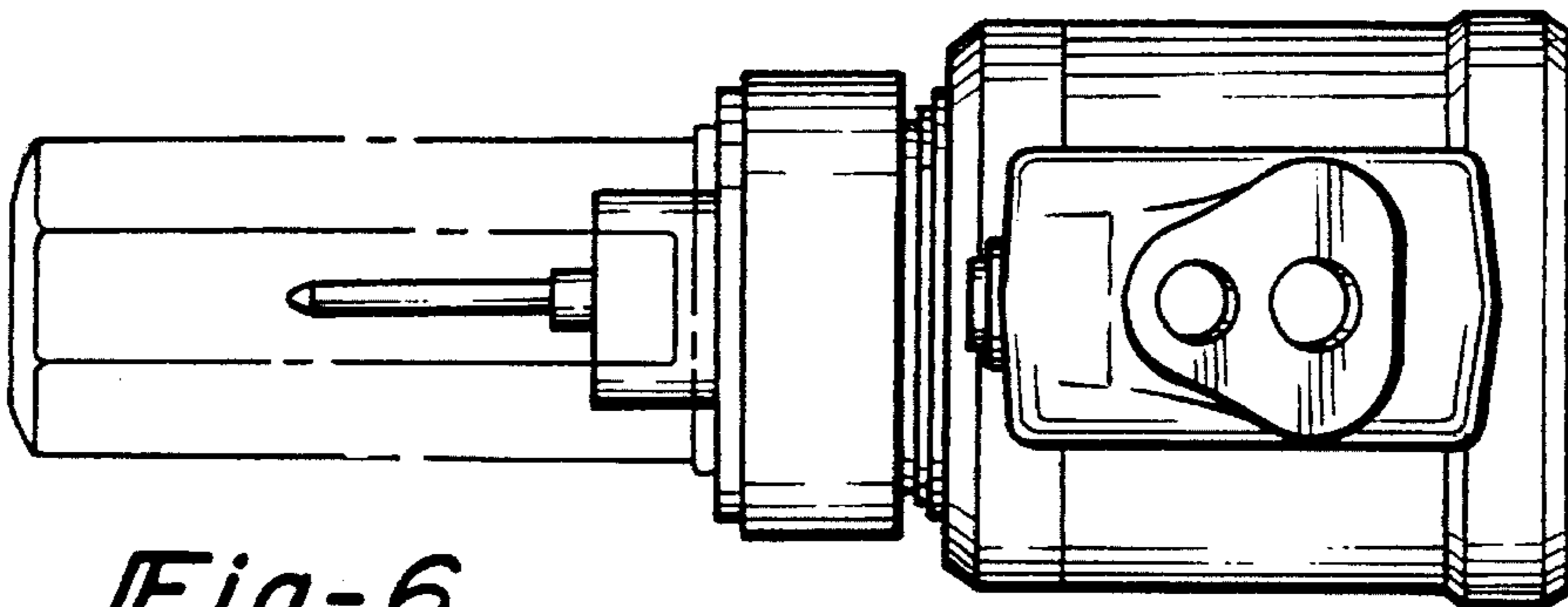
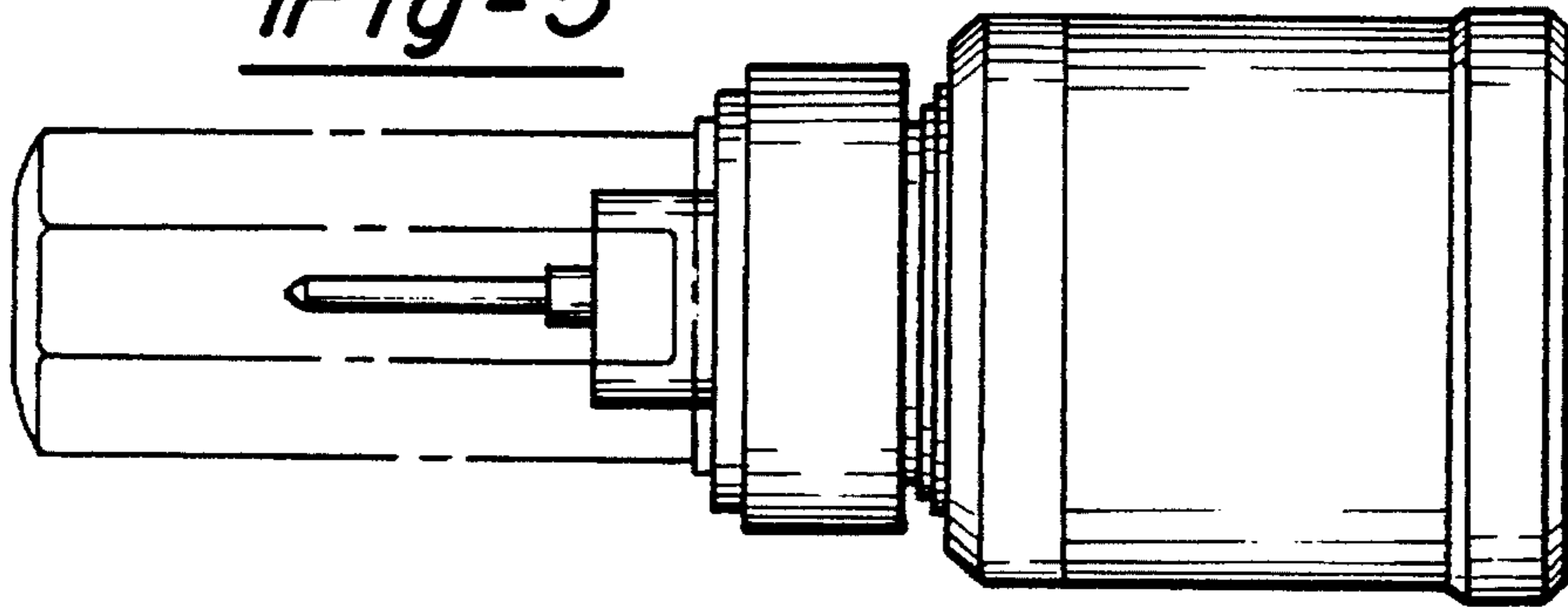


Fig-6

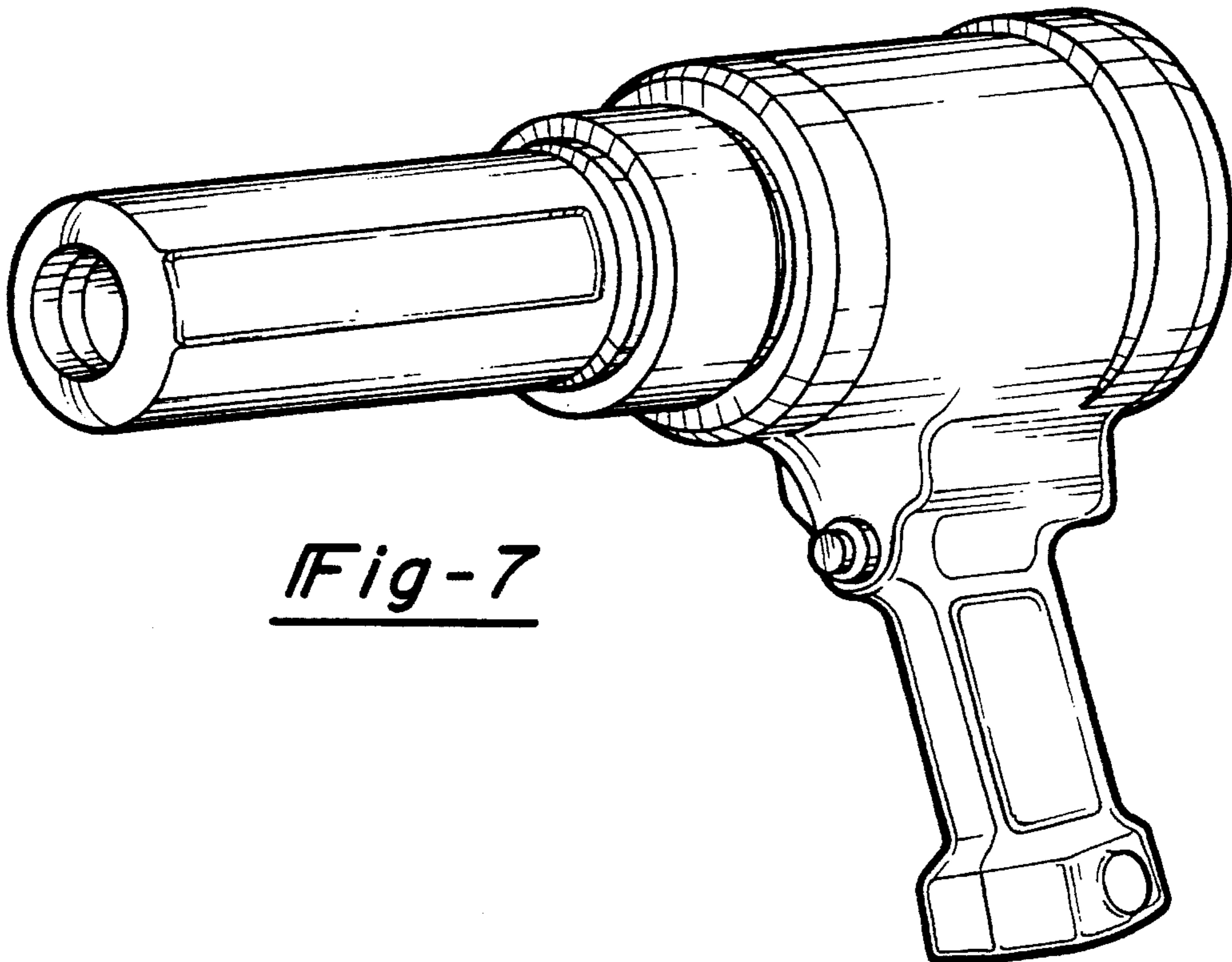


Fig-7

Fig-8

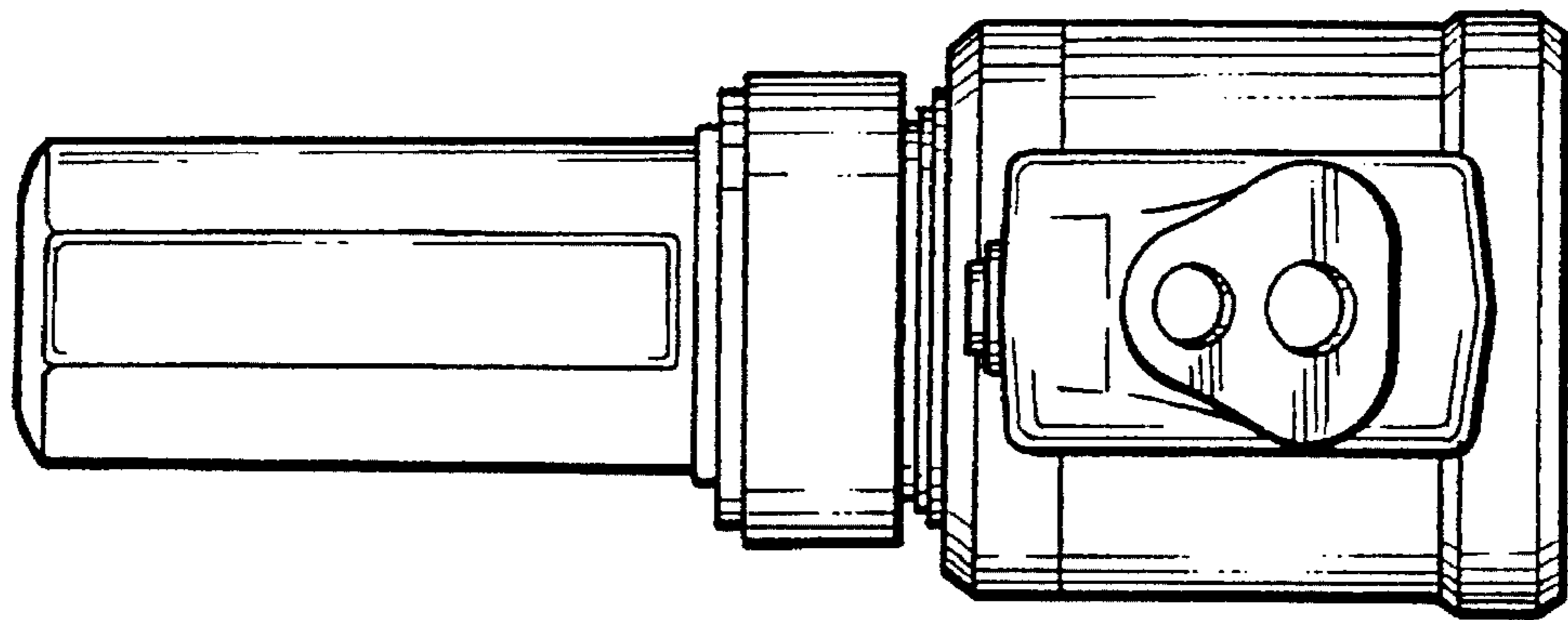
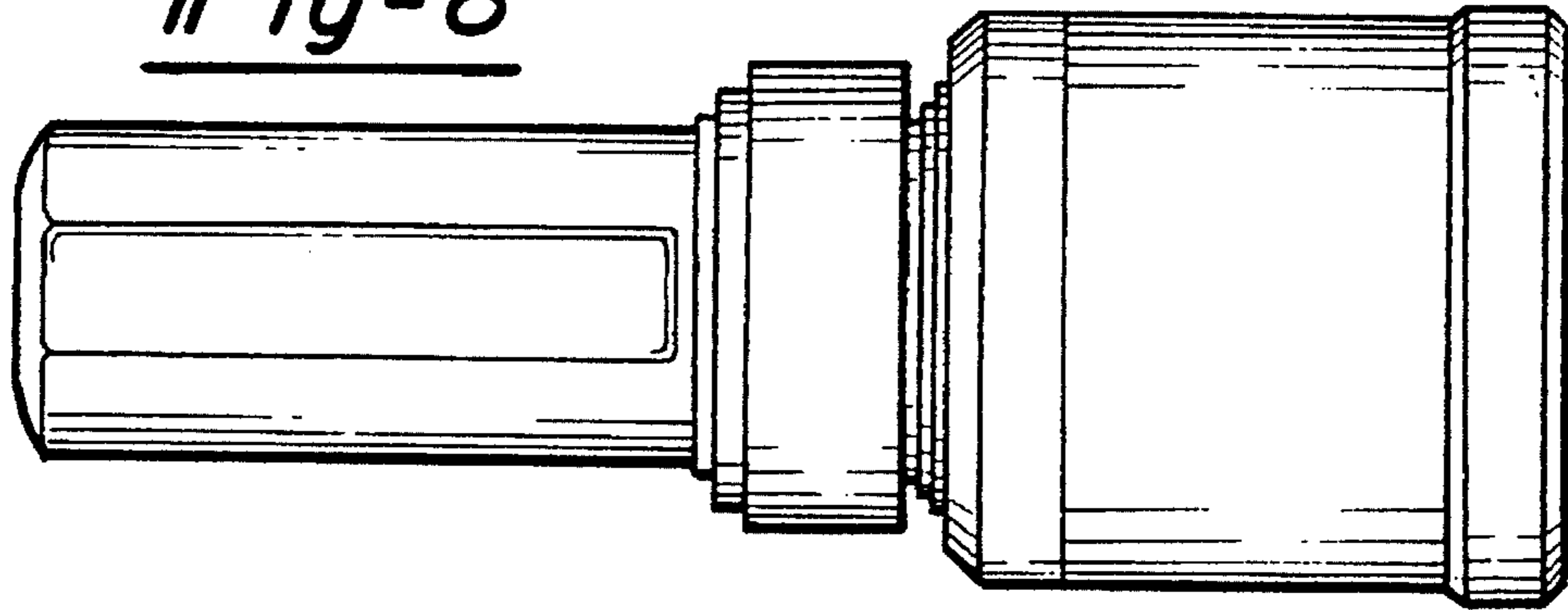


Fig-9

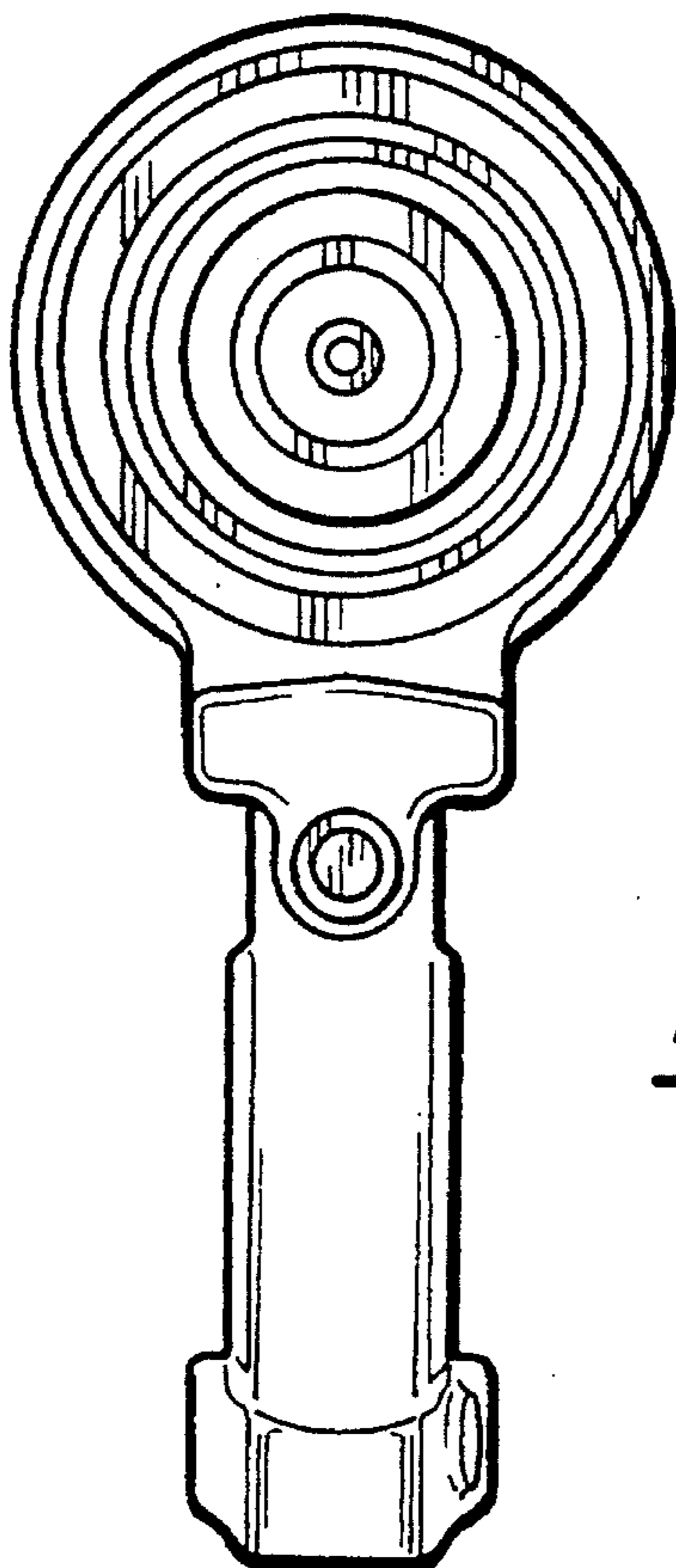


Fig-10

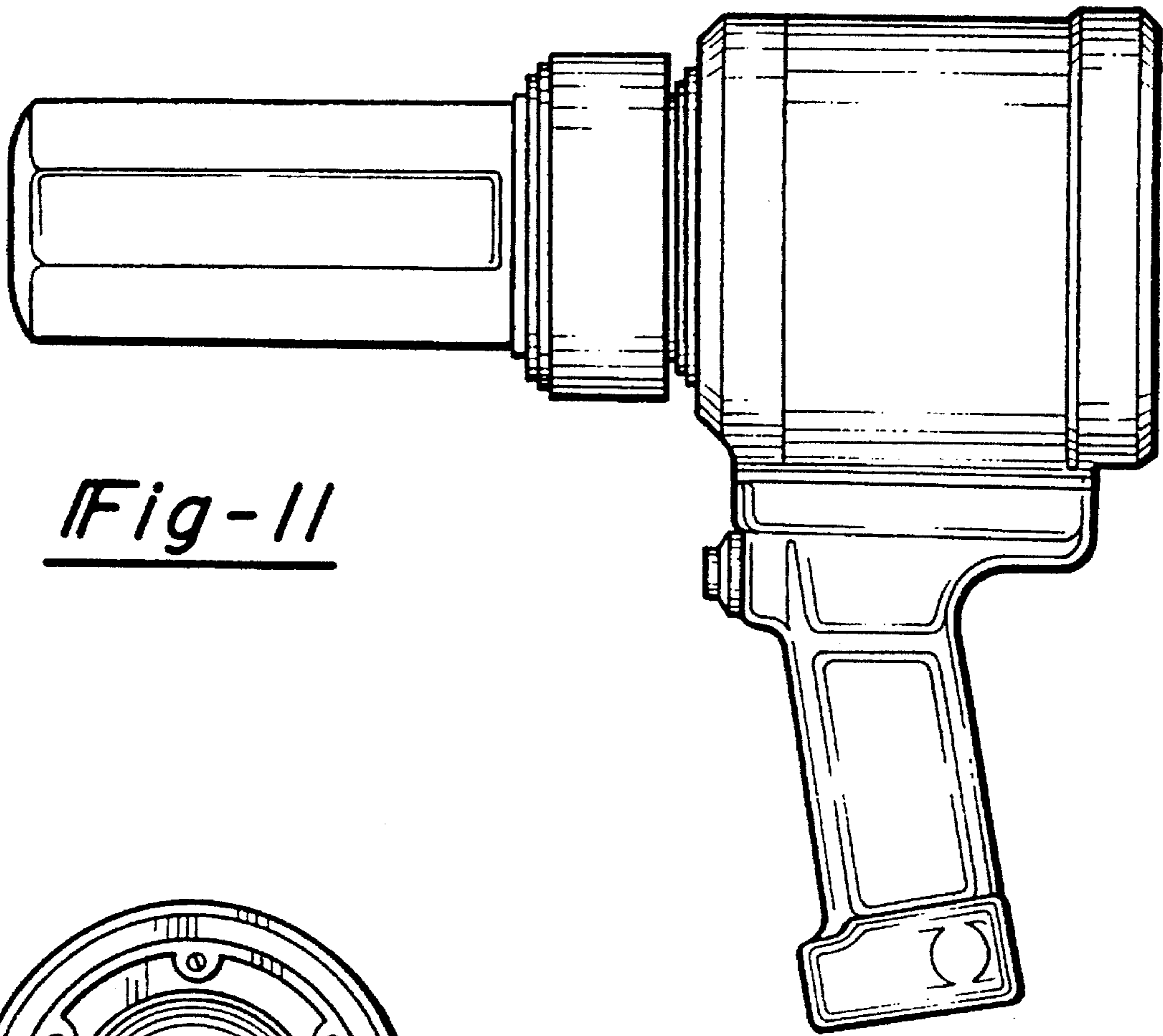


Fig-11

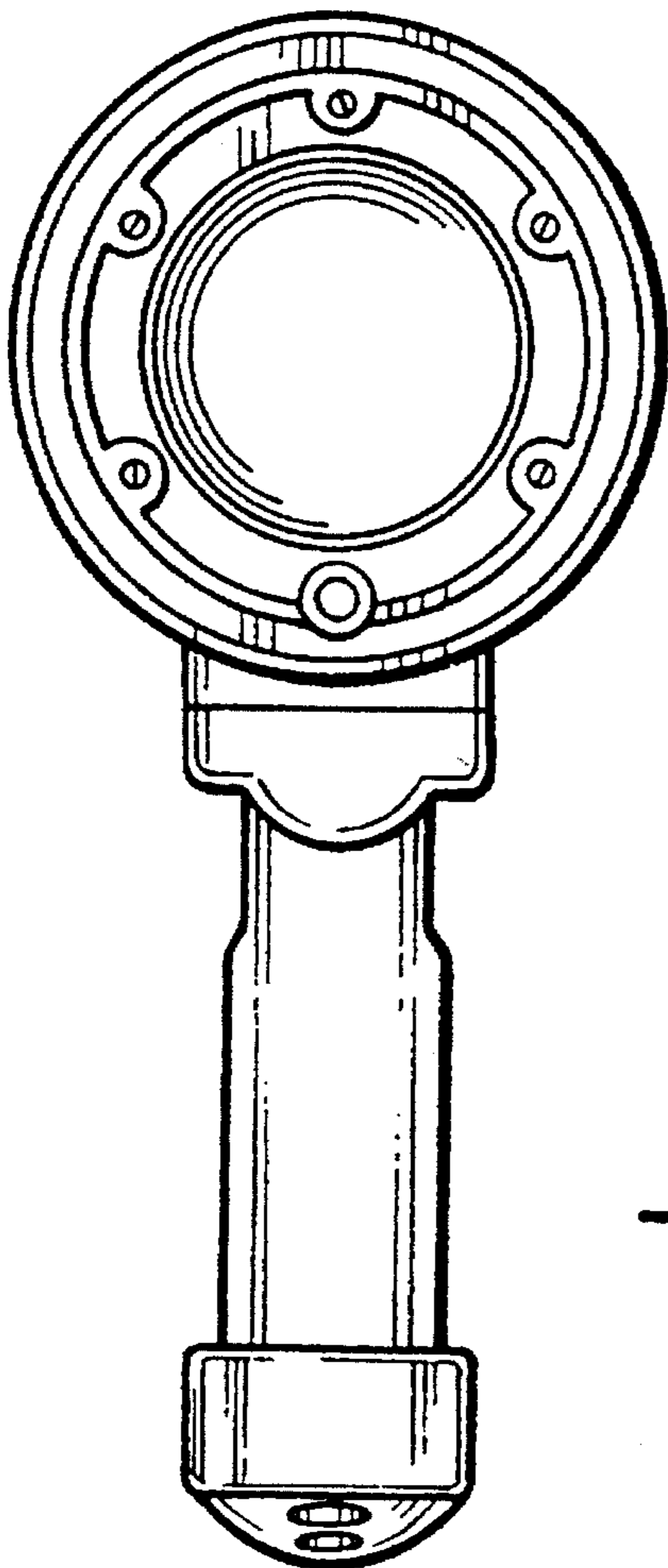


Fig-12