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United States Patent [19]

Liang

[11] **Patent Number: Des. 369,728**

[45] **Date of Patent: **May 14, 1996**

[54] **HAND-HELD ULTRASONIC WELDING DEVICE**

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[73] Assignee: **Promotion Ultrasonic Equipment Co., Ltd.**, Taipei, Taiwan

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

[21] Appl. No.: **27,127**

[22] Filed: **Aug. 8, 1994**

[52] U.S. Cl. **D8/30**

[58] **Field of Search** D8/30; 81/57.2, 81/300; 72/28, 29, 38; 219/70, 138

[56] **References Cited**

U.S. PATENT DOCUMENTS

- D. 262,091 12/1981 Steck et al. D8/72
- D. 282,816 3/1986 Chaney et al. D8/30

OTHER PUBLICATIONS

Clamp-on Amp Probe ET80I1010, *Mac Tools, Inc. 1900 Product Catalog*, p. 236.

Primary Examiner—Alan P. Douglas
Assistant Examiner—Robert M. Spear
Attorney, Agent, or Firm—Browdy and Neimark

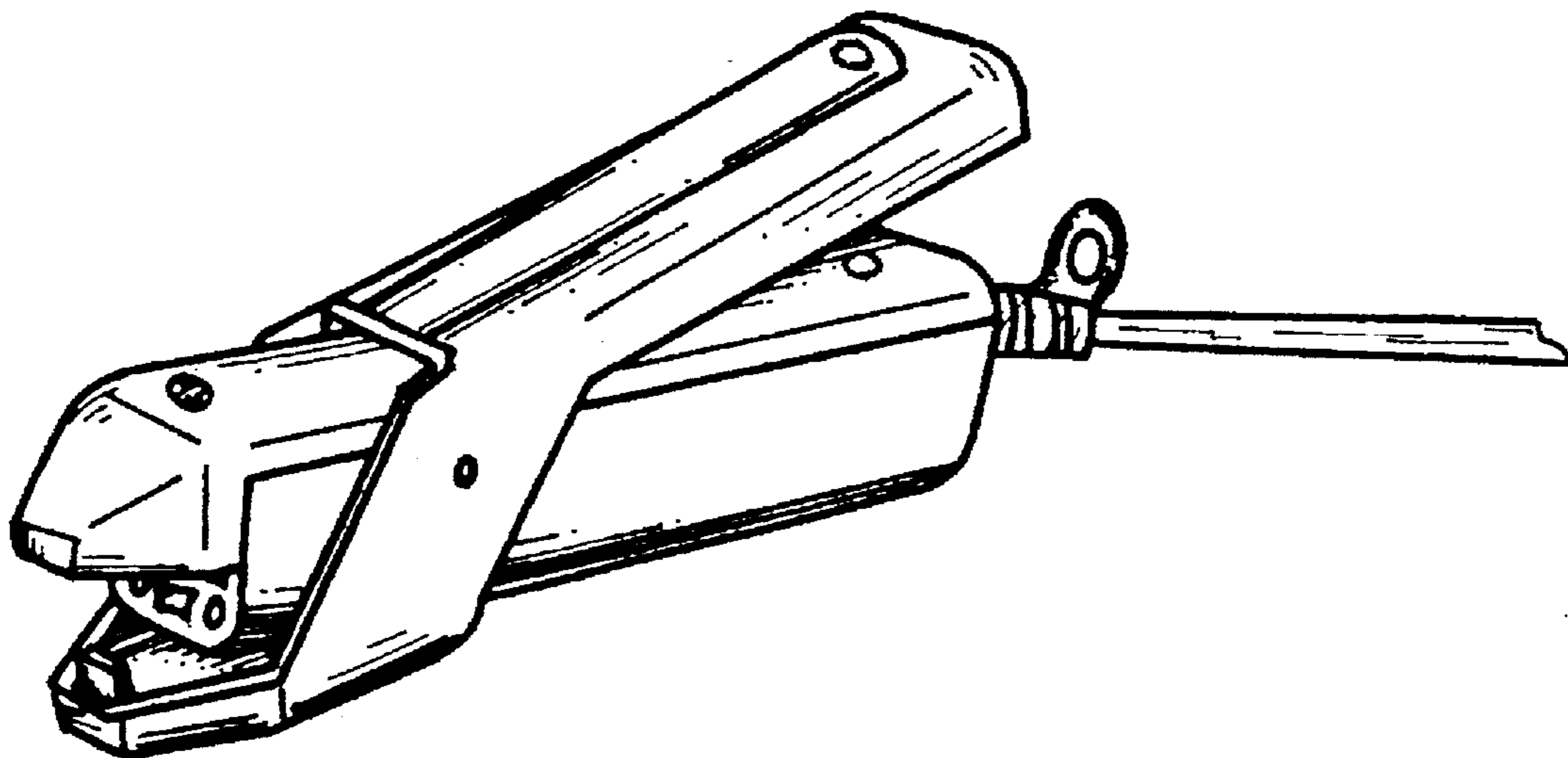
[57] **CLAIM**

The ornamental design for hand-held ultrasonic welding device, as shown and described.

DESCRIPTION

FIG. 1 is a front view of a hand-held ultrasonic welding device of my new design;
FIG. 2 is a back view thereof;
FIG. 3 is a left side view thereof;
FIG. 4 is a right side view thereof;
FIG. 5 is a top view thereof;
FIG. 6 is a bottom view thereof; and,
FIG. 7 is a perspective view thereof.

1 Claim, 4 Drawing Sheets



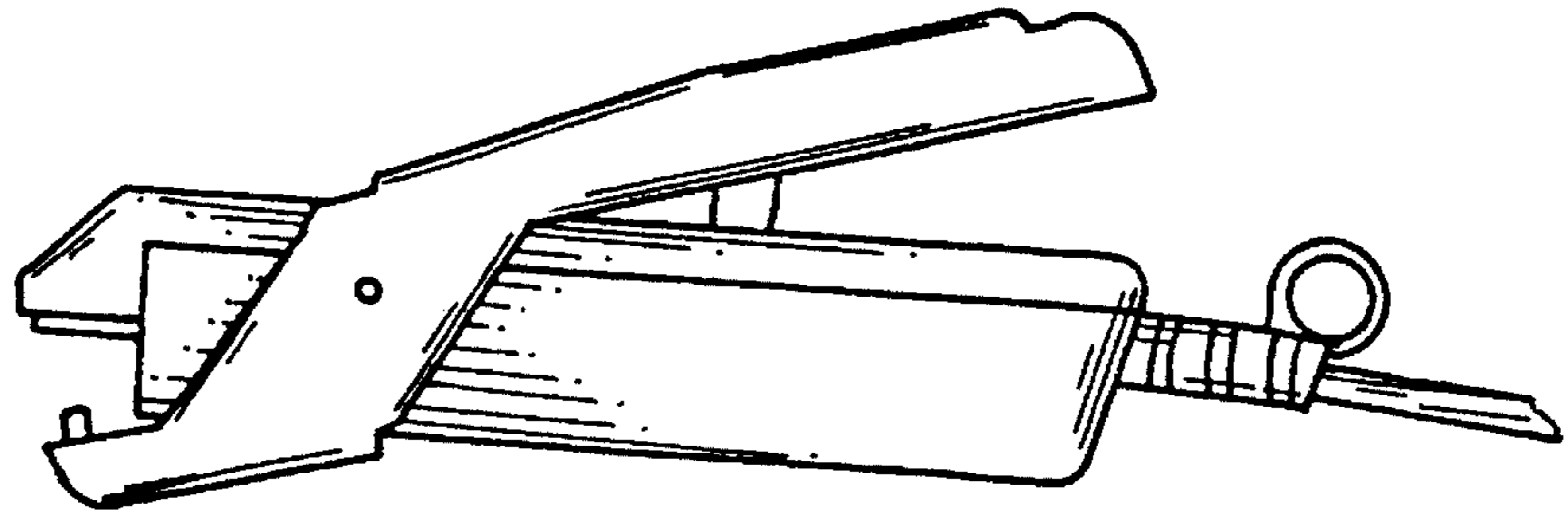


FIG. 1

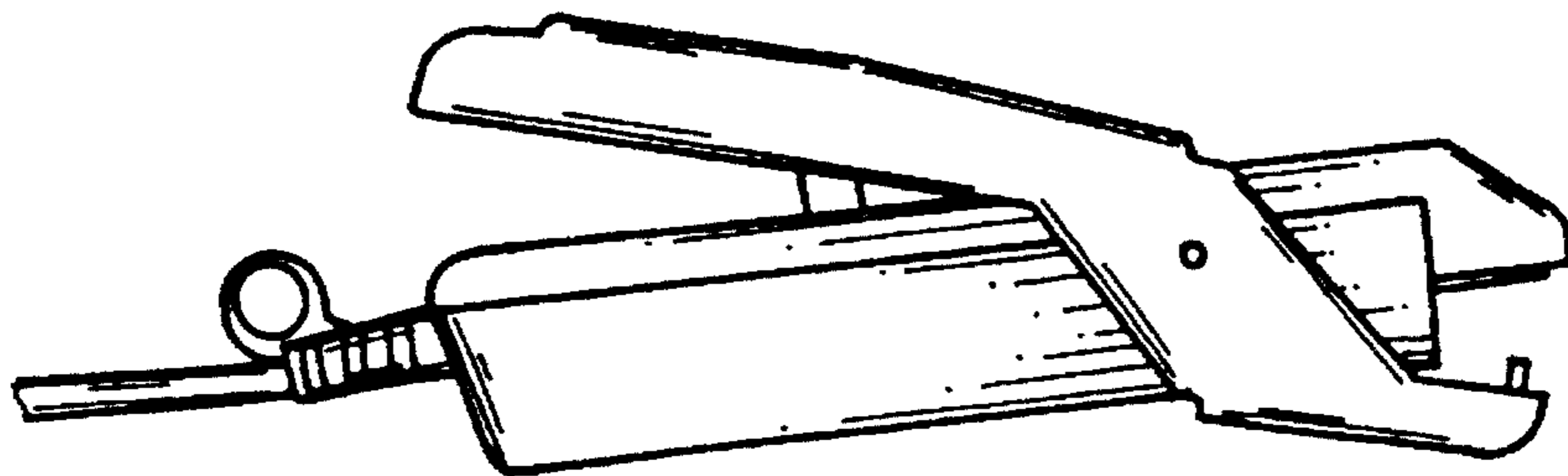


FIG. 2

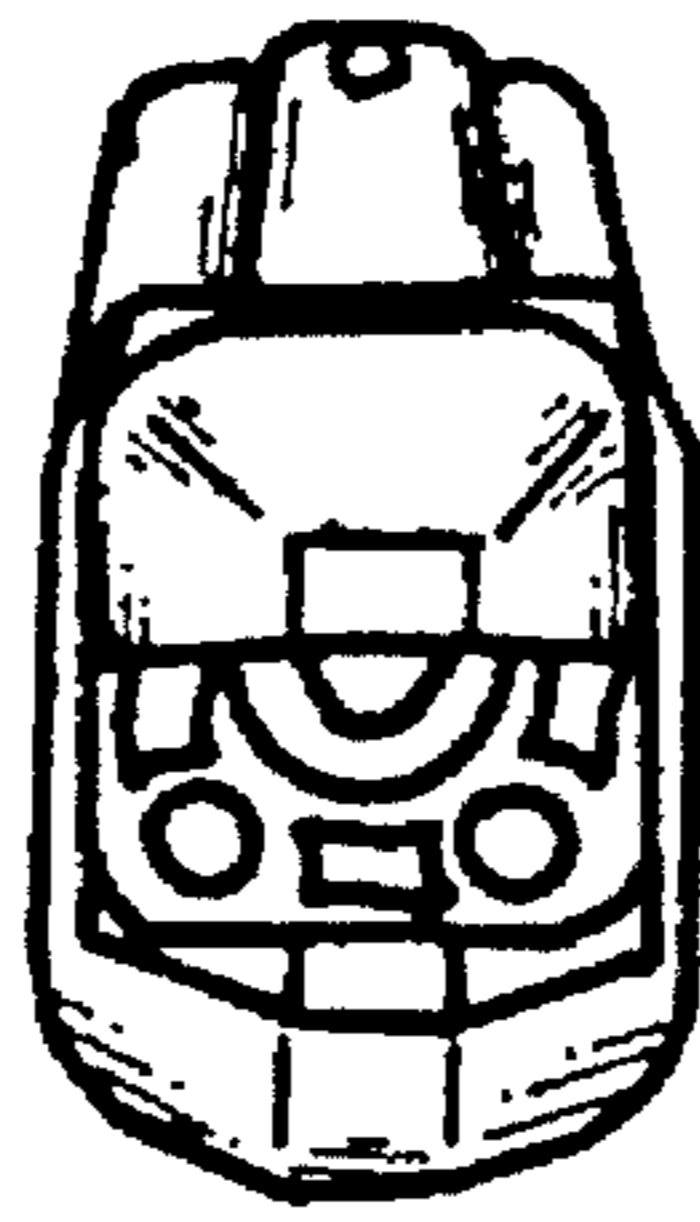


FIG. 3

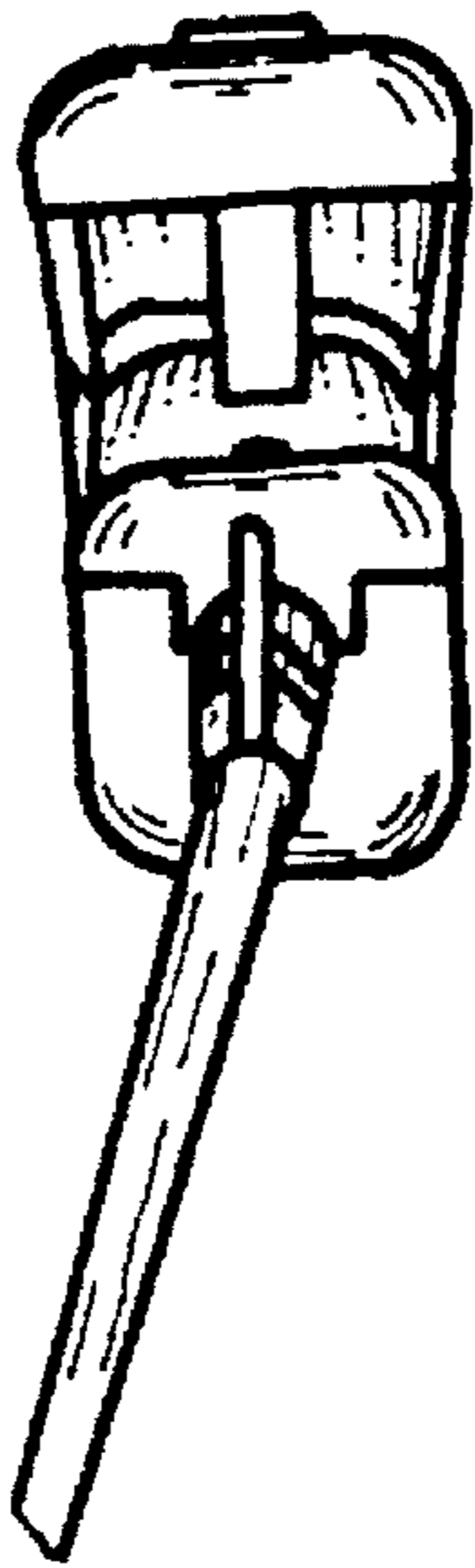


FIG. 4

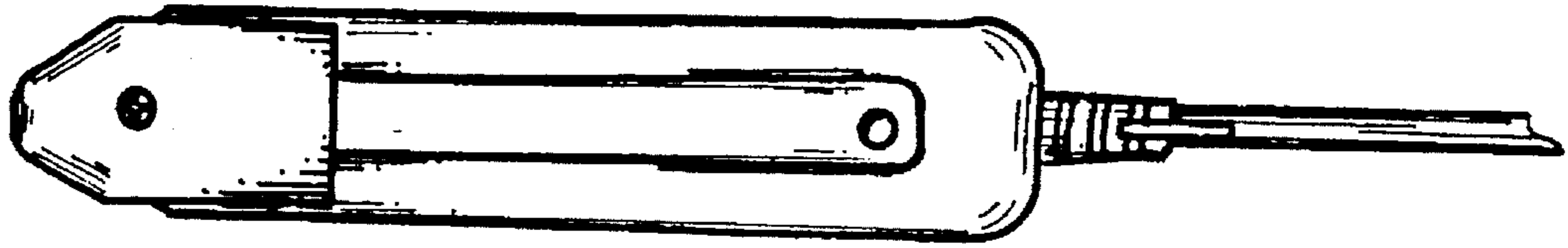


FIG. 5

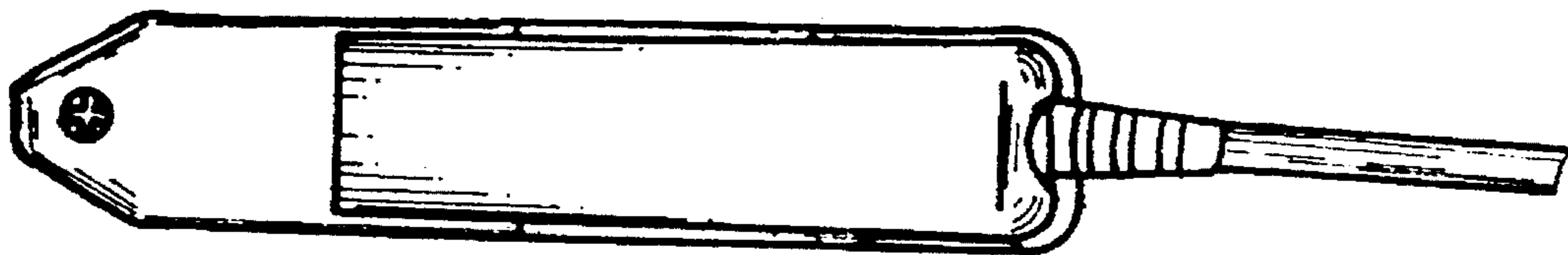


FIG. 6

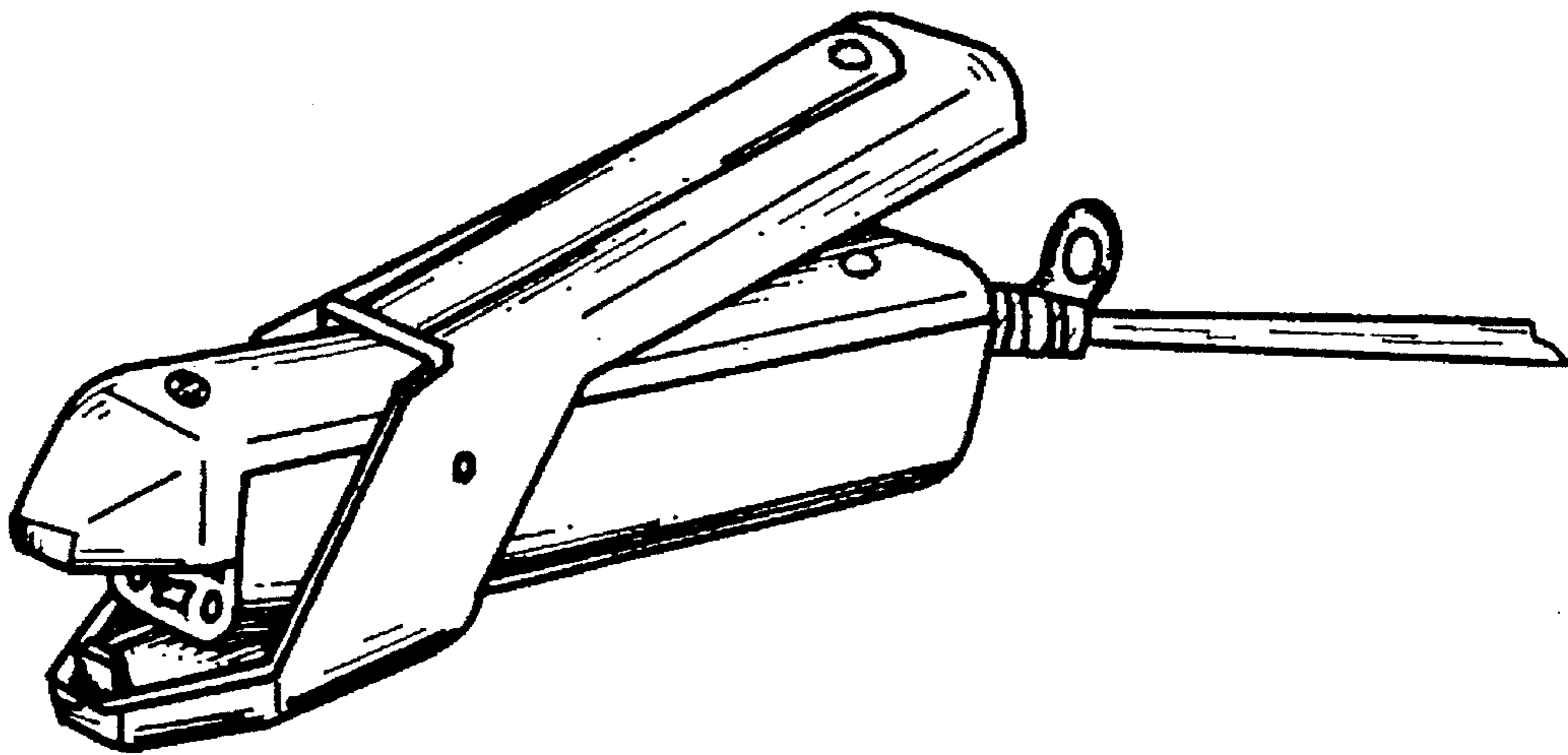


FIG. 7