



US00D406742S

United States Patent [19]

Schoen et al.

[11] Patent Number: Des. 406,742

[45] Date of Patent: **Mar. 16, 1999

[54] **HAND HELD POWER DRILL**

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Peter Holzer, Solothurn, Switzerland

[73] Assignee: **Robert Bosch GmbH**, Stuttgart,
Germany

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

[21] Appl. No.: **76,594**

[22] Filed: **Sep. 10, 1997**

[30] **Foreign Application Priority Data**

Mar. 10, 1997 [DE] Germany M 97 02 174.1

[51] **LOC (6) Cl.** **08-03**

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

[58] **Field of Search** D8/68; 74/371;
81/57.11, 57.13, 57.14, 57.43, 177.6, 436,
438; 178/178, 217

[56] **References Cited**

U.S. PATENT DOCUMENTS

D. 280,797	10/1985	Sakamoto et al.	.....	D8/68
D. 325,860	5/1992	Fushiya et al.	.....	D8/68
D. 337,711	7/1993	Ogawa et al.	.....	D8/68
D. 342,878	1/1994	Watanabe et al.	.....	D8/68
D. 350,267	9/1994	Tozawa	.....	D8/68

Primary Examiner—Antoine Duval Davis
Attorney, Agent, or Firm—Michael J. Striker

[57] **CLAIM**

The ornamental design for a hand held power drill, as shown and described.

DESCRIPTION

The file of this patent contains at least one drawing executed in color.

FIG. 1 is a perspective view of a hand held power drill showing our new design;

FIG. 2 is a side view thereof;

FIG. 3 is the opposite side view thereof;

FIG. 4 is a front view thereof;

FIG. 5 is a rear view thereof;

FIG. 6 is a top view thereof;

FIG. 7 is a bottom view thereof;

FIG. 8 is a perspective view of a first alternate embodiment of our new design;

FIG. 9 is a side view thereof;

FIG. 10 is the opposite side view thereof;

FIG. 11 is a front view thereof;

FIG. 12 is a rear view thereof;

FIG. 13 is a top view thereof;

FIG. 14 is a bottom view thereof;

FIG. 15 is a perspective view of a second alterante embodi-
ment of our new design;

FIG. 16 is a side view thereof;

FIG. 17 is the opposite side view thereof;

FIG. 18 is a front view thereof;

FIG. 19 is a rear view thereof;

FIG. 20 is a top view thereof;

FIG. 21 is a bottom view thereof;

FIG. 22 is a perspective view of a grip adapter for a hand
held power drill showing our new design;

FIG. 23 is a side view thereof;

FIG. 24 is a opposite side view thereof;

FIG. 25 is a front view thereof;

FIG. 26 is a rear view thereof;

FIG. 27 is a top view thereof;

FIG. 28 is a bottom view thereof;

FIG. 29 is a perspective view of a grip adapter for a hand
held power drill with a measuring device inserted therein;

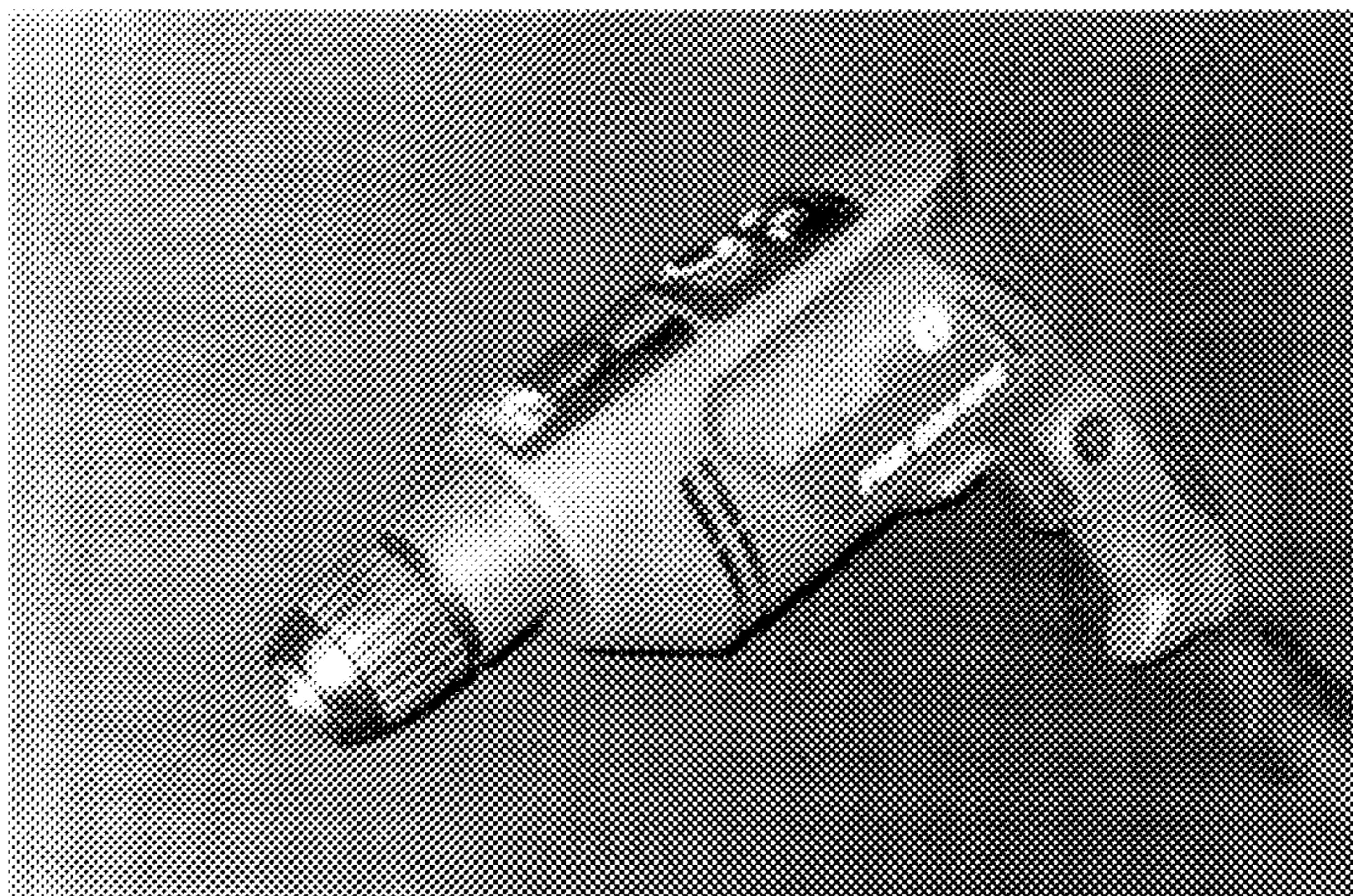
FIG. 30 is an opposite perspective view thereof;

FIG. 31 is a perspective view of a hand held power drill with
the grip adapter mounted thereon; and,

FIG. 32 is an opposite perspective view thereof.

Any undisclosed surface area in any FIG. is without orna-
mentation.

1 Claim, 32 Drawing Sheets
(32 of 32 Drawing Sheet(s) filed in Color)



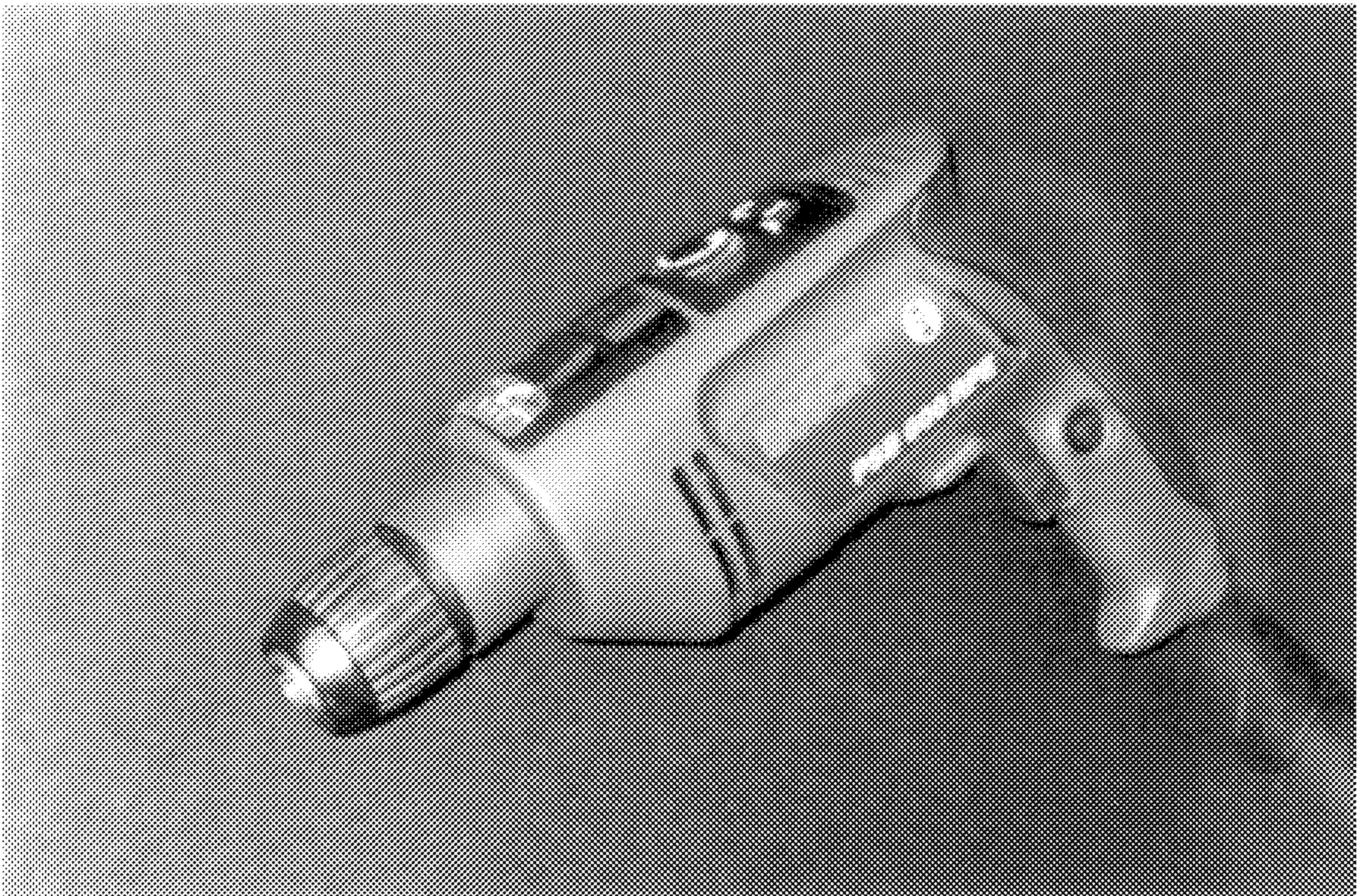


FIG. 1



FIG. 2

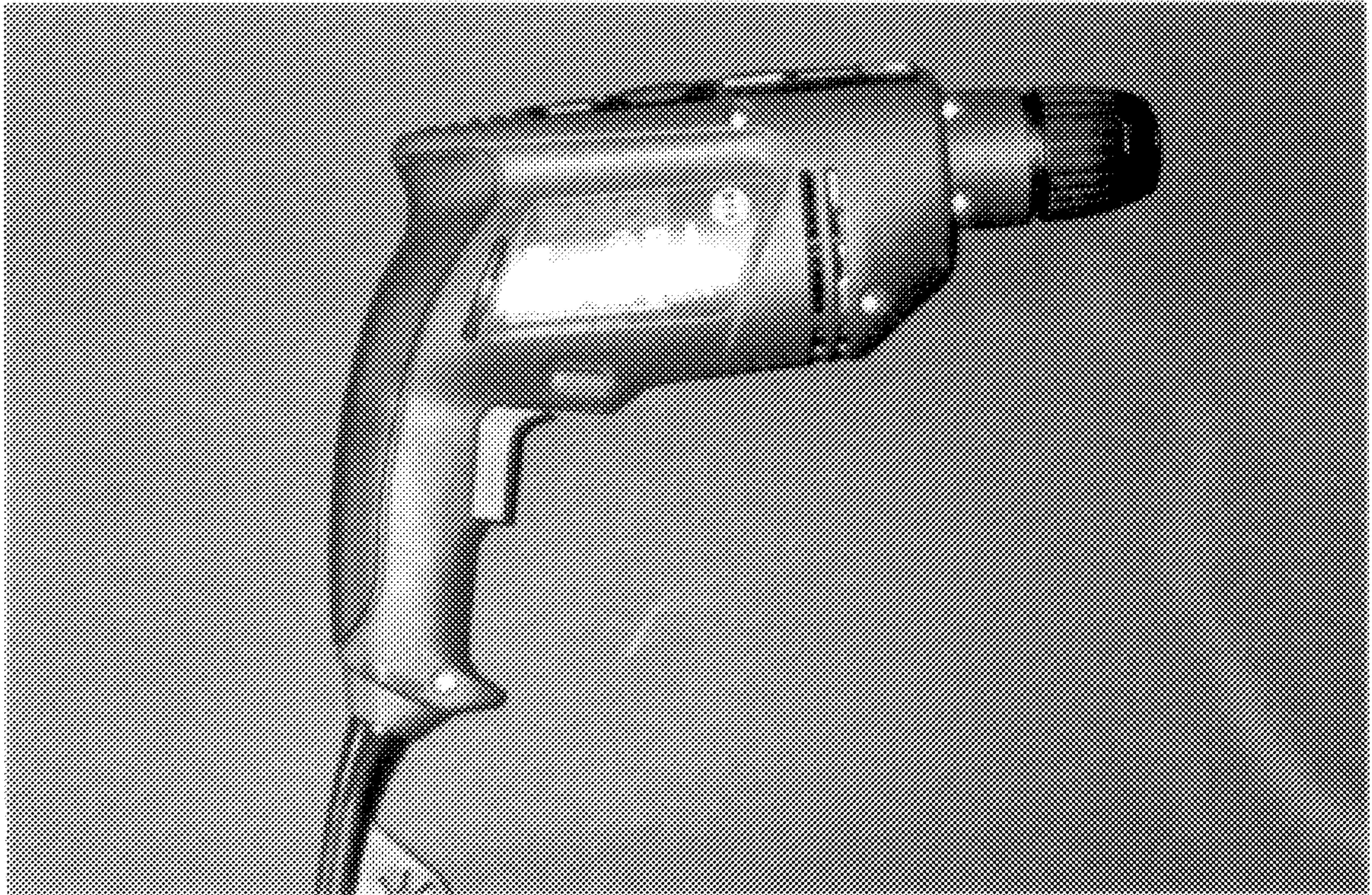


FIG. 3

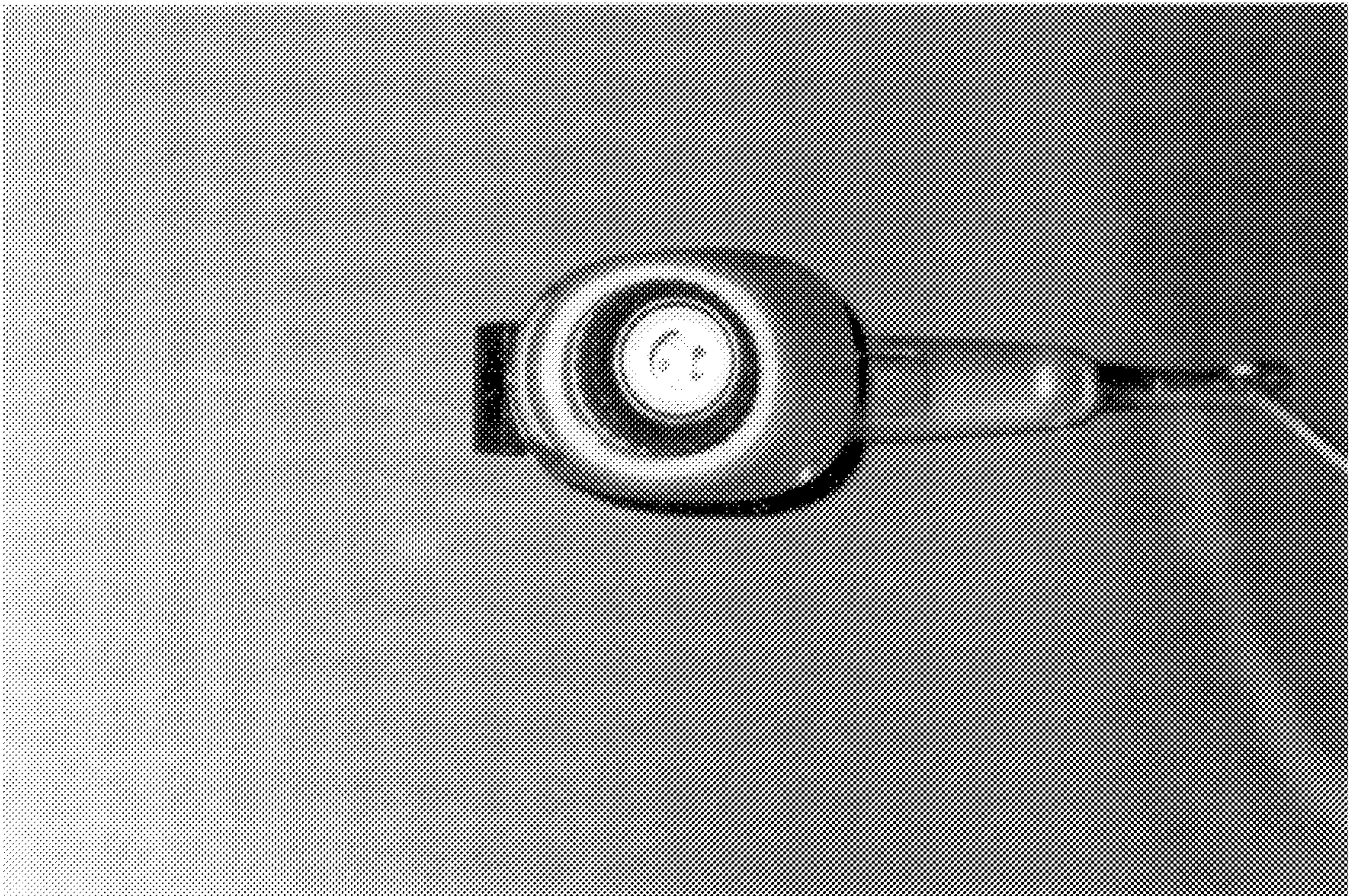


FIG. 4

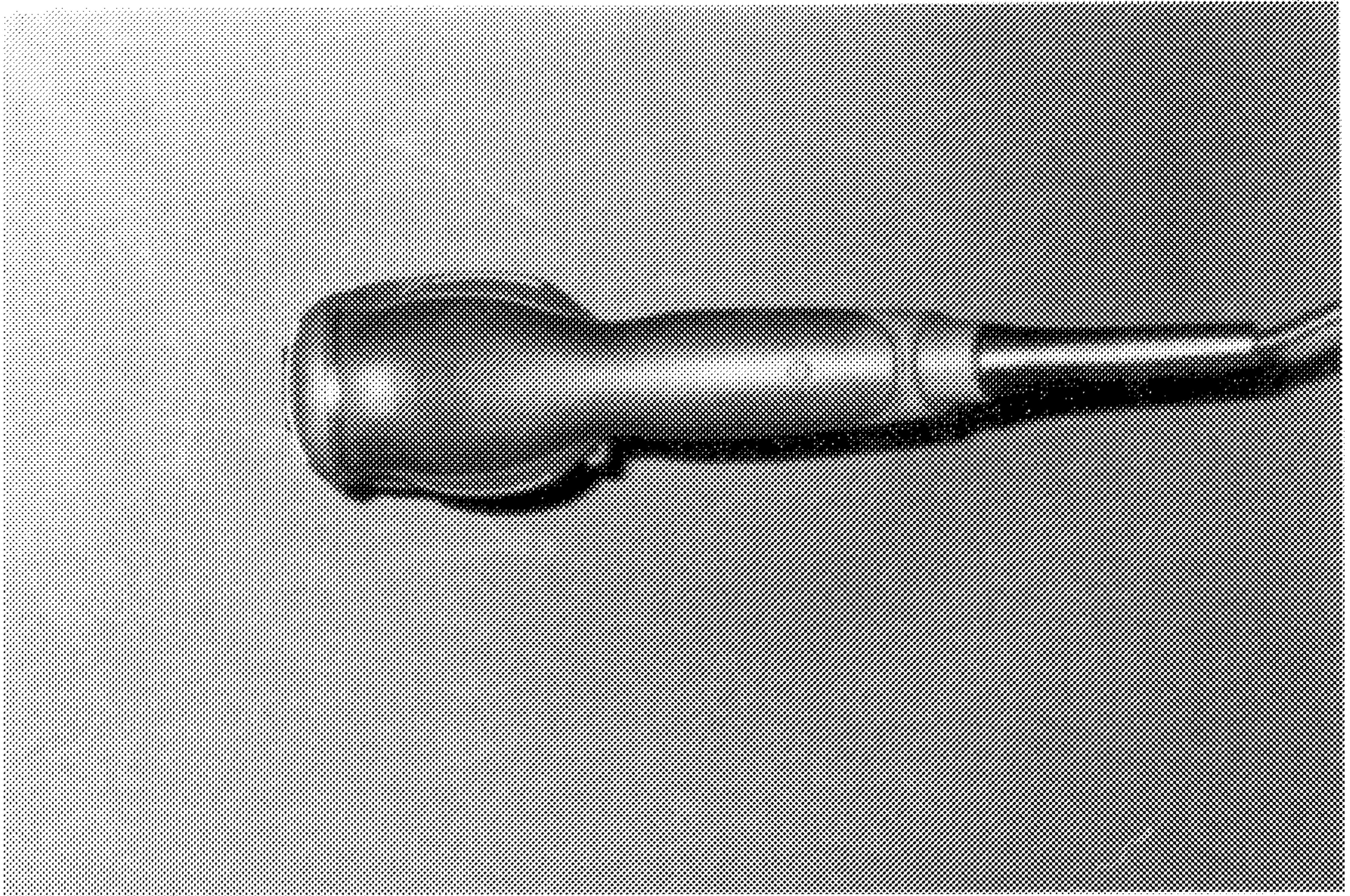


FIG. 5

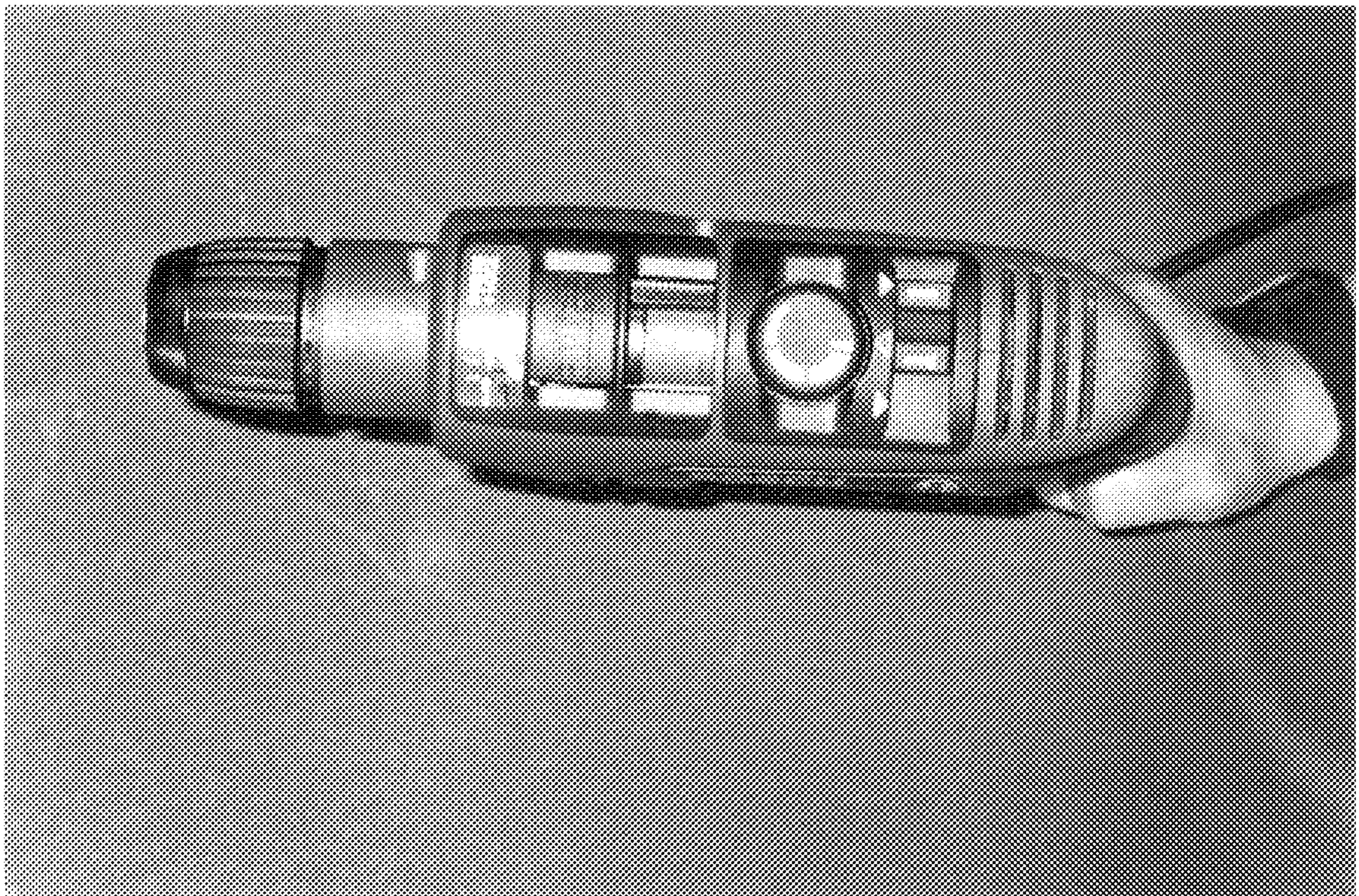


FIG. 6

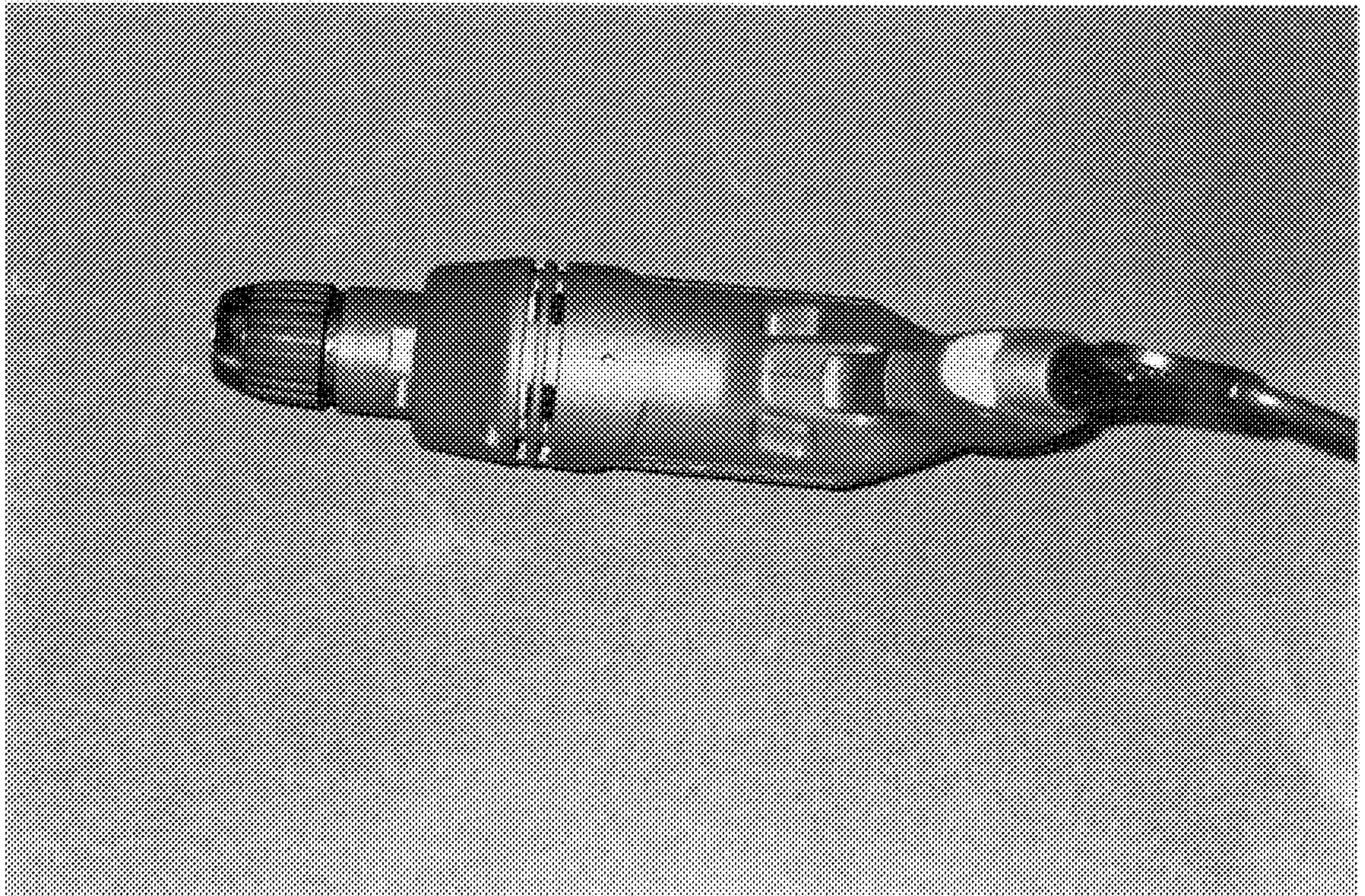


FIG. 7

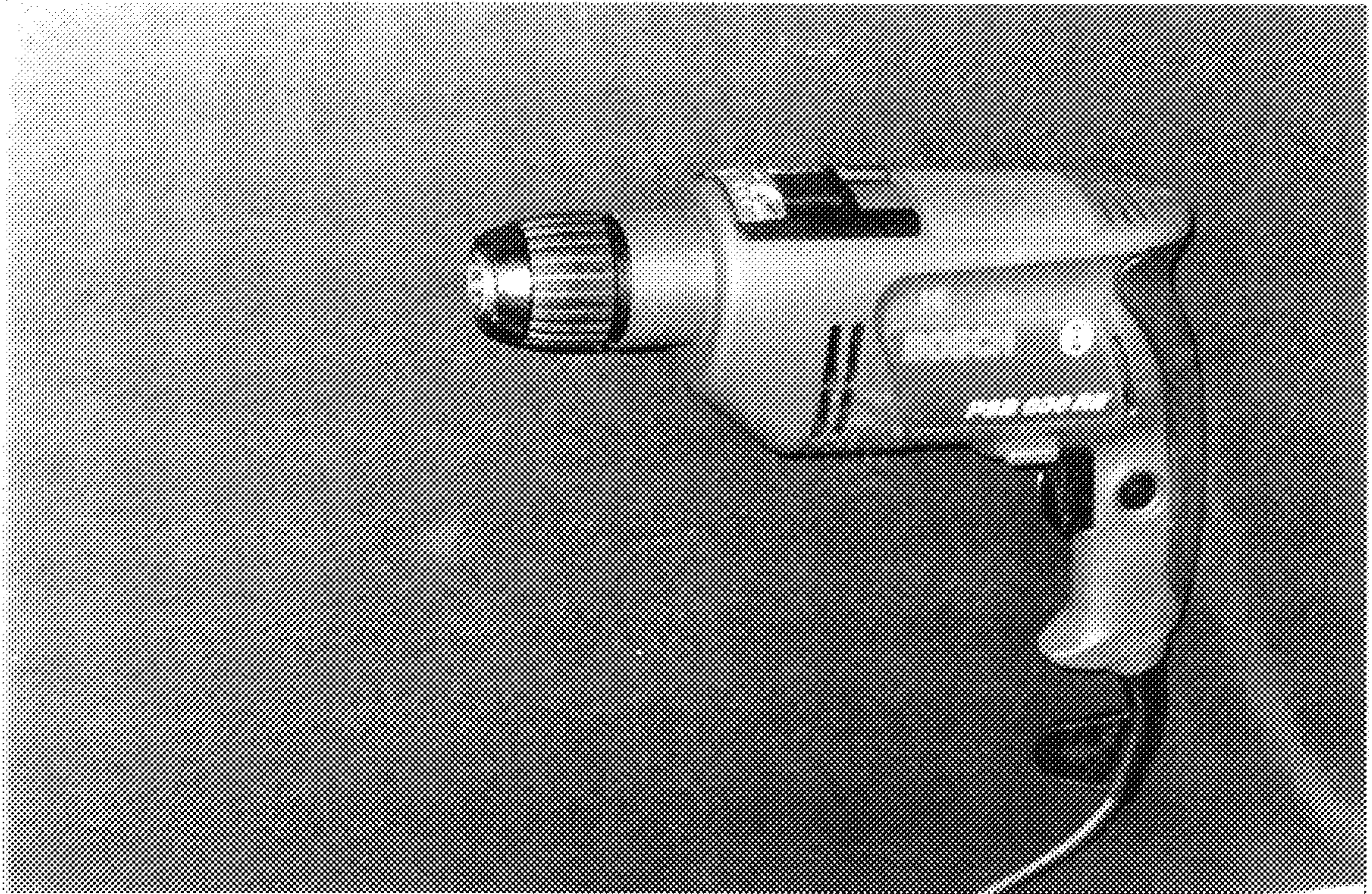


FIG. 8

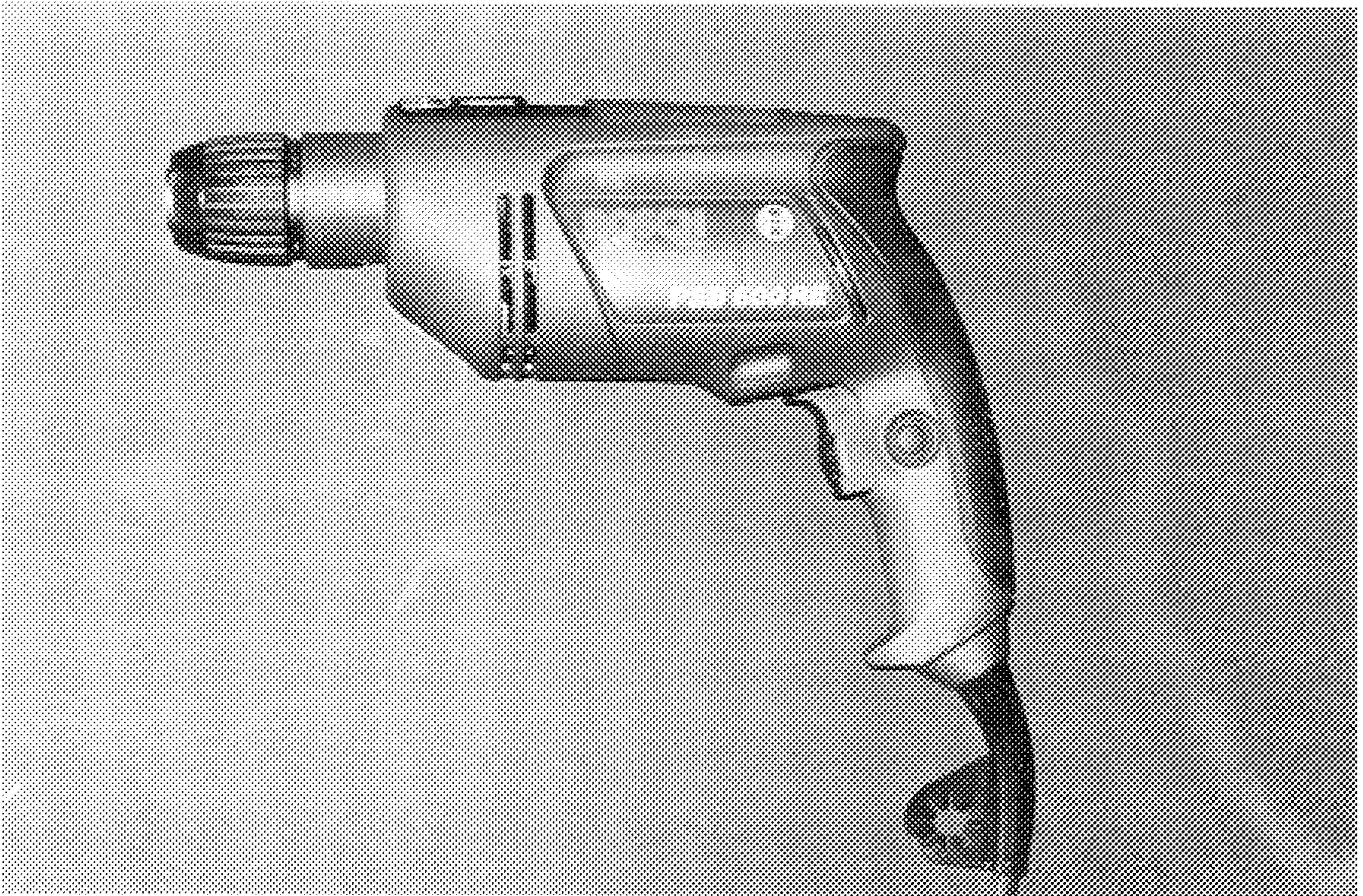


FIG. 9



FIG. 10



FIG. 11

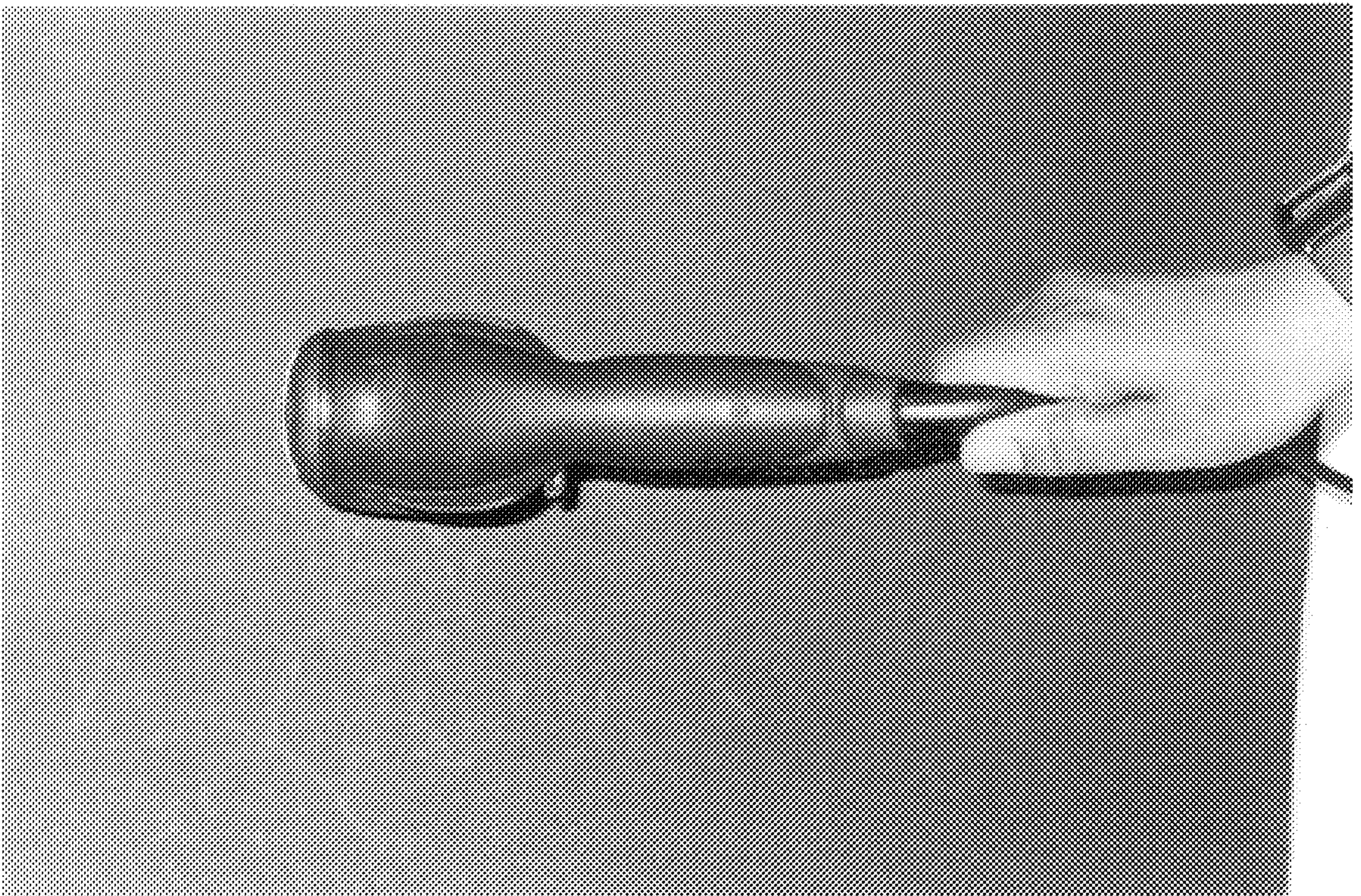


FIG. 12

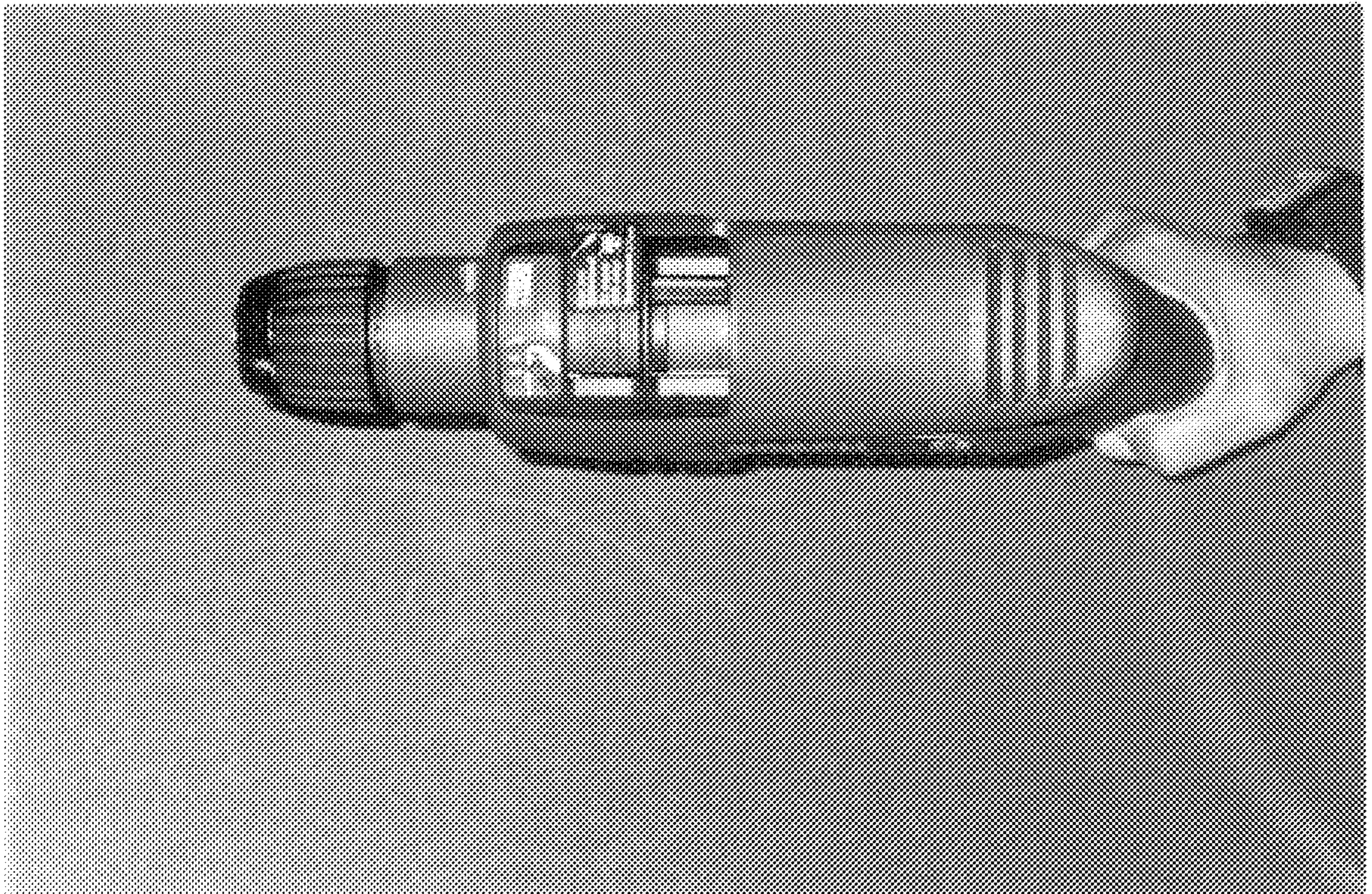


FIG. 13

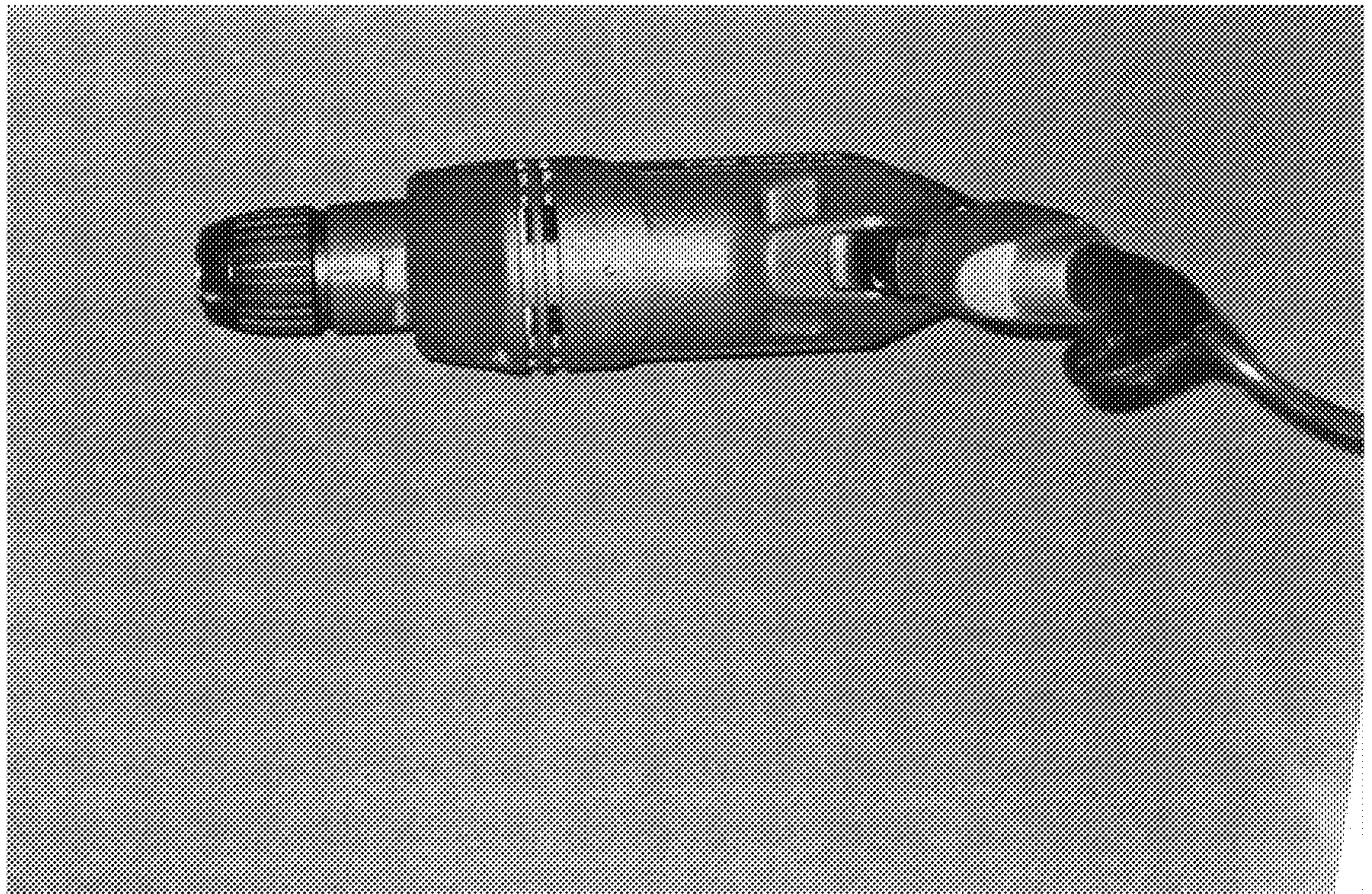


FIG. 14

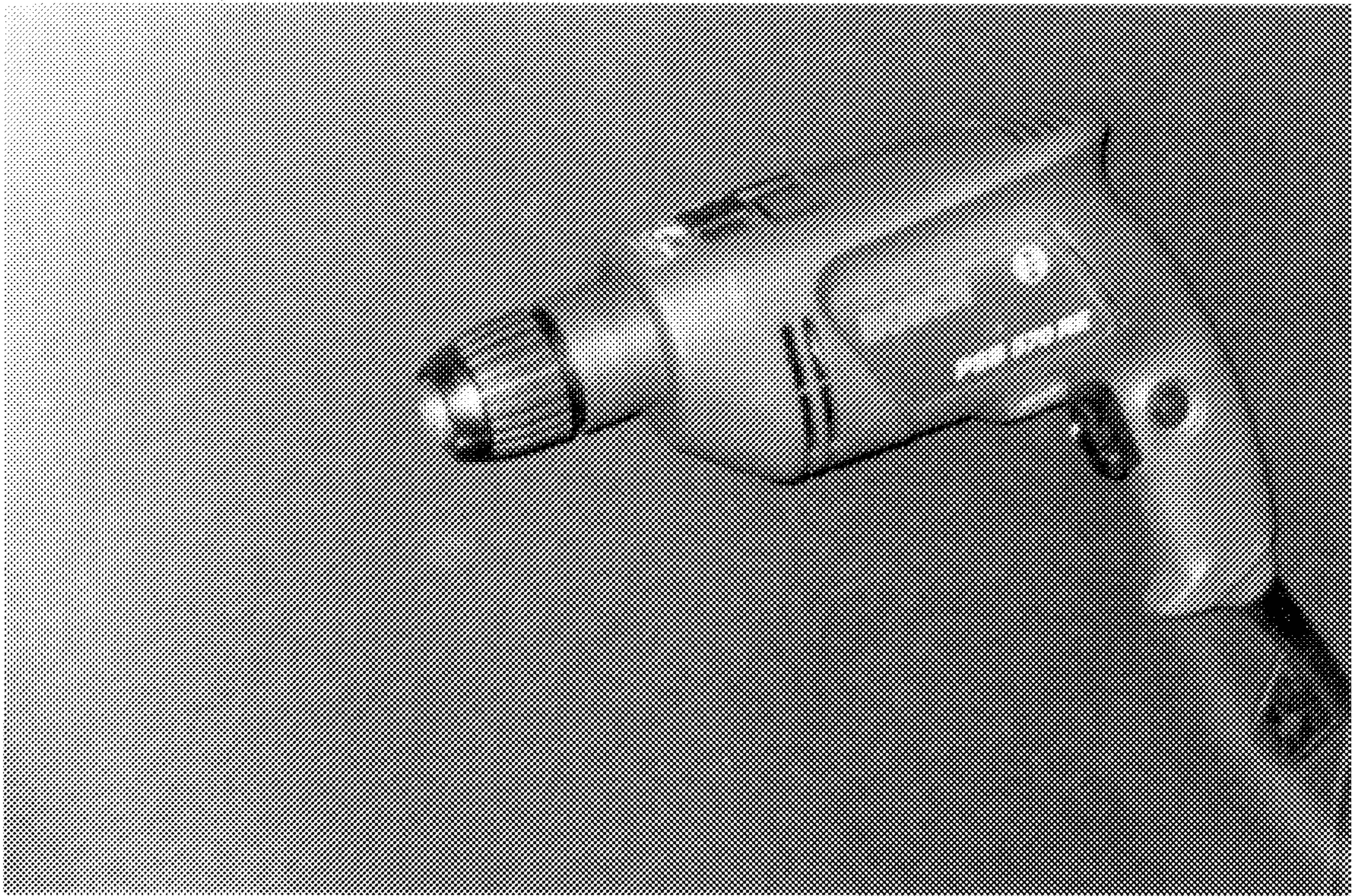


FIG. 15

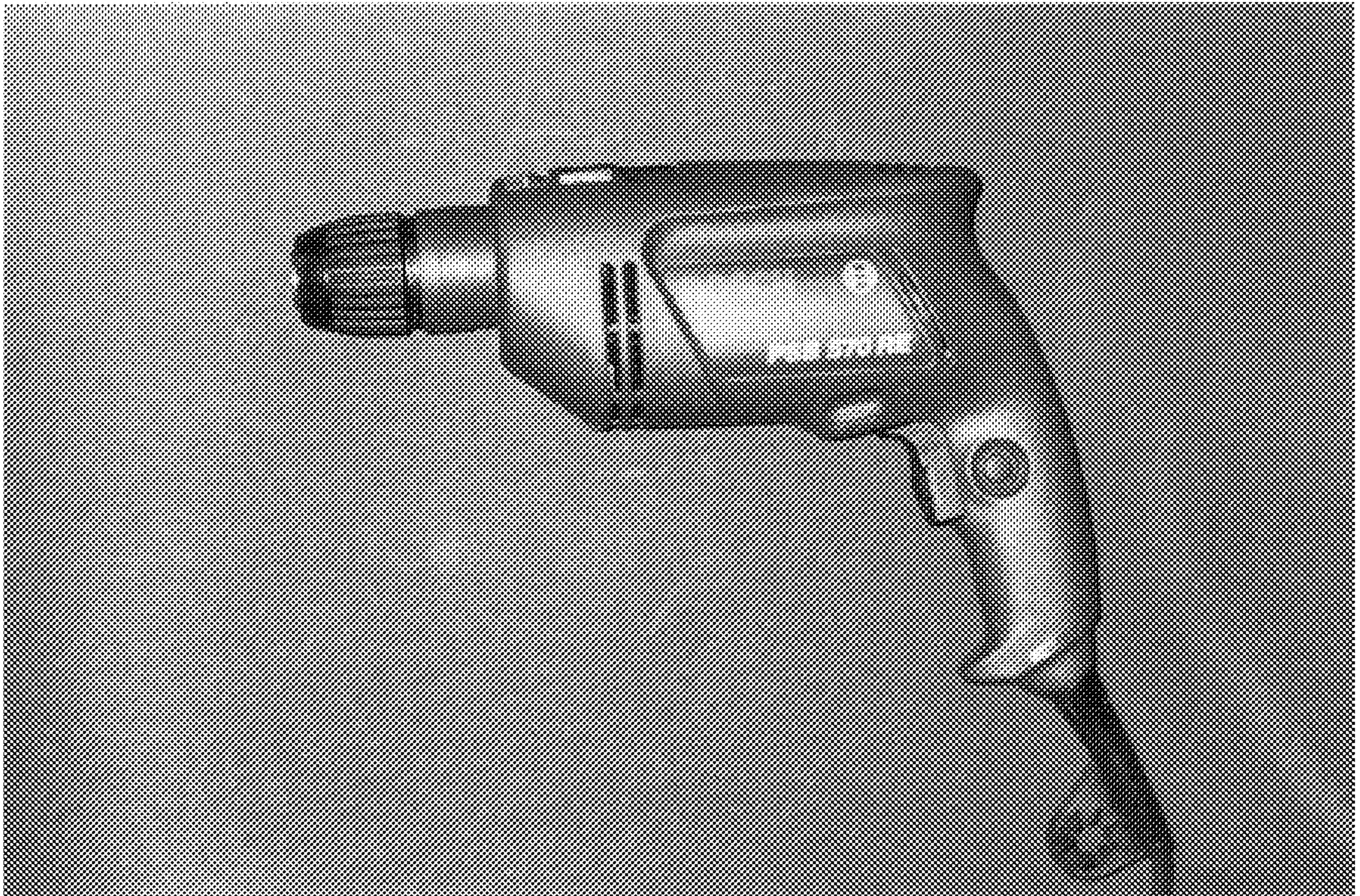


FIG. 16

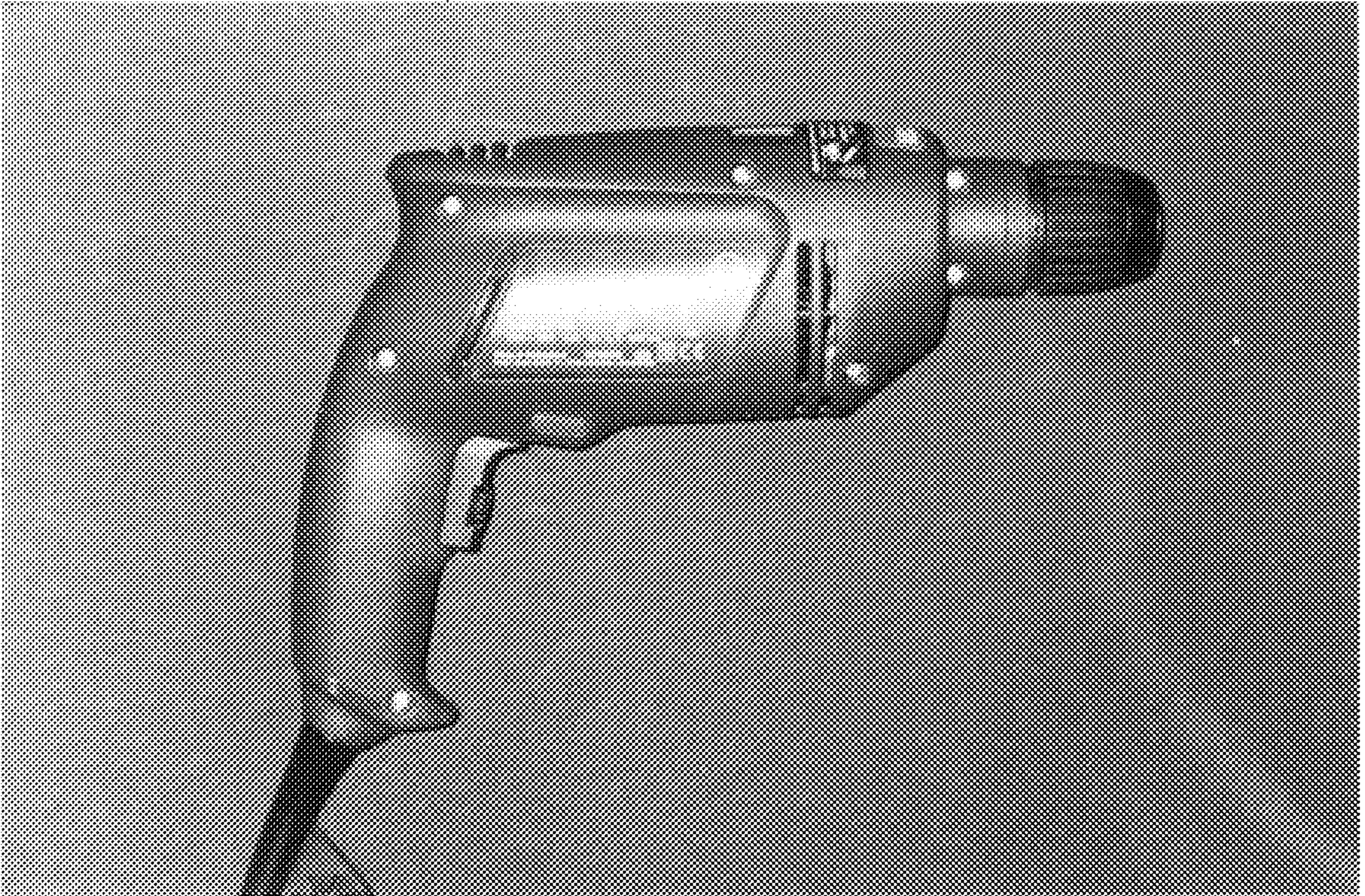


FIG. 17

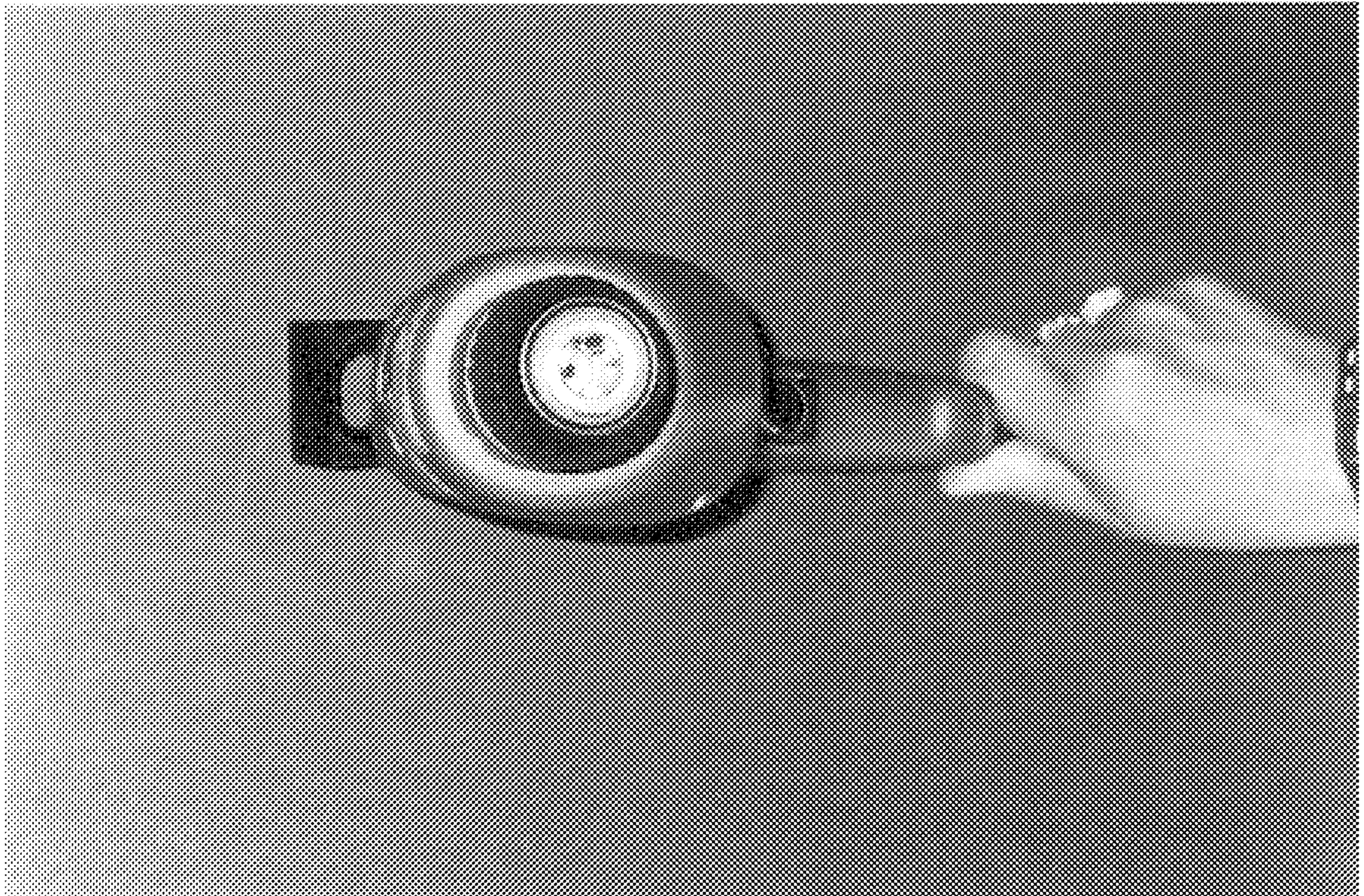


FIG. 18

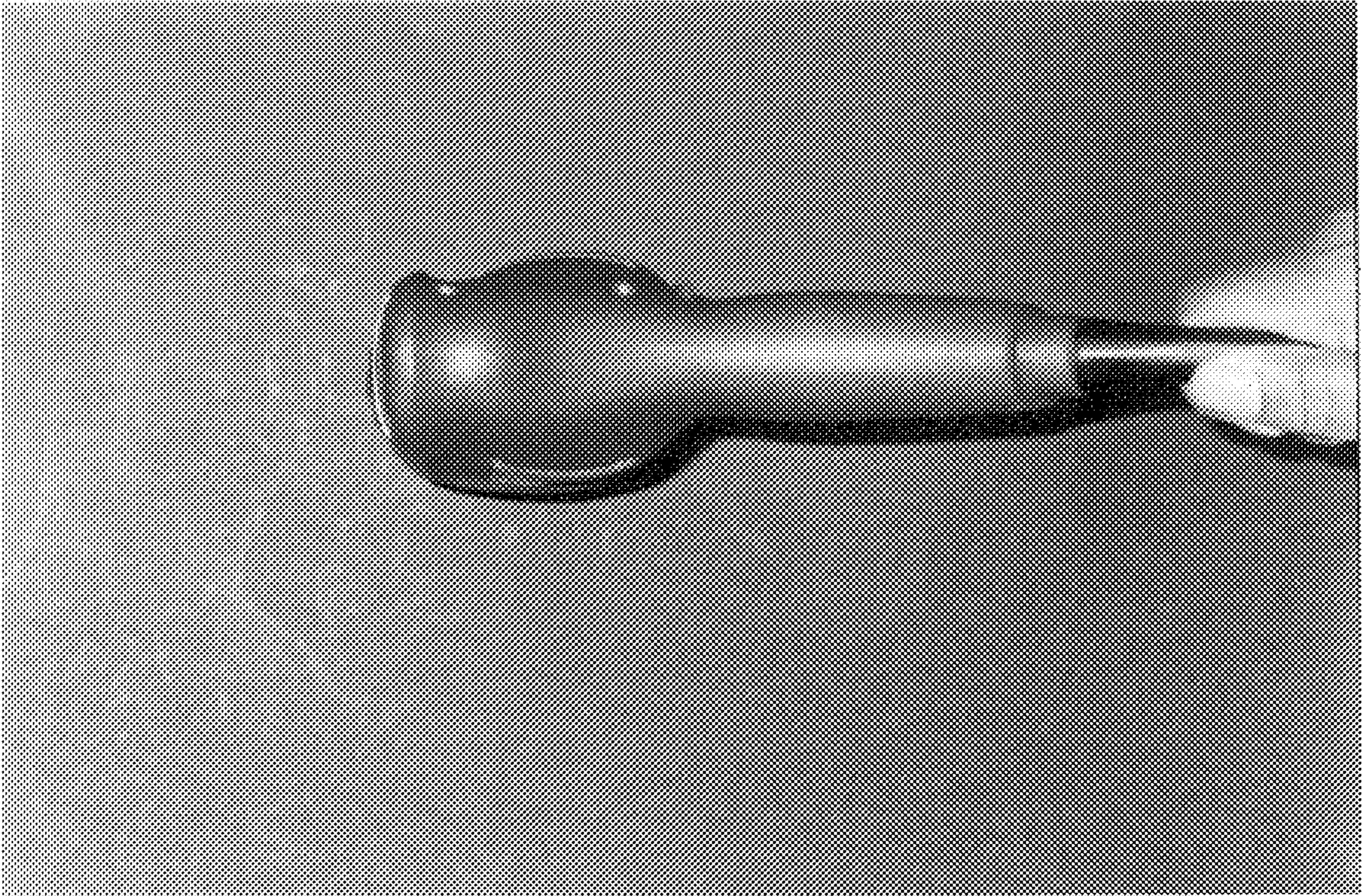


FIG. 19

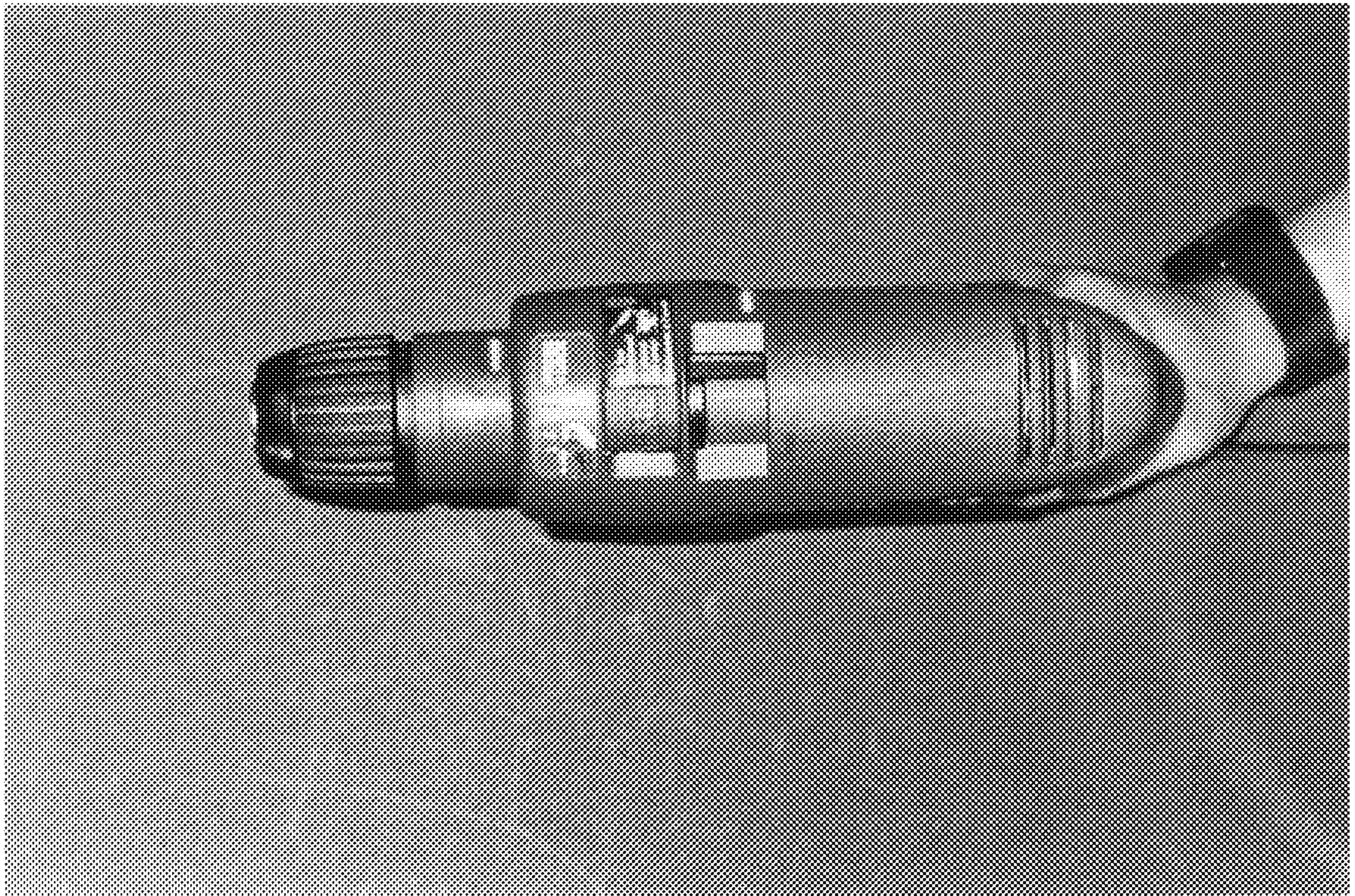


FIG. 20

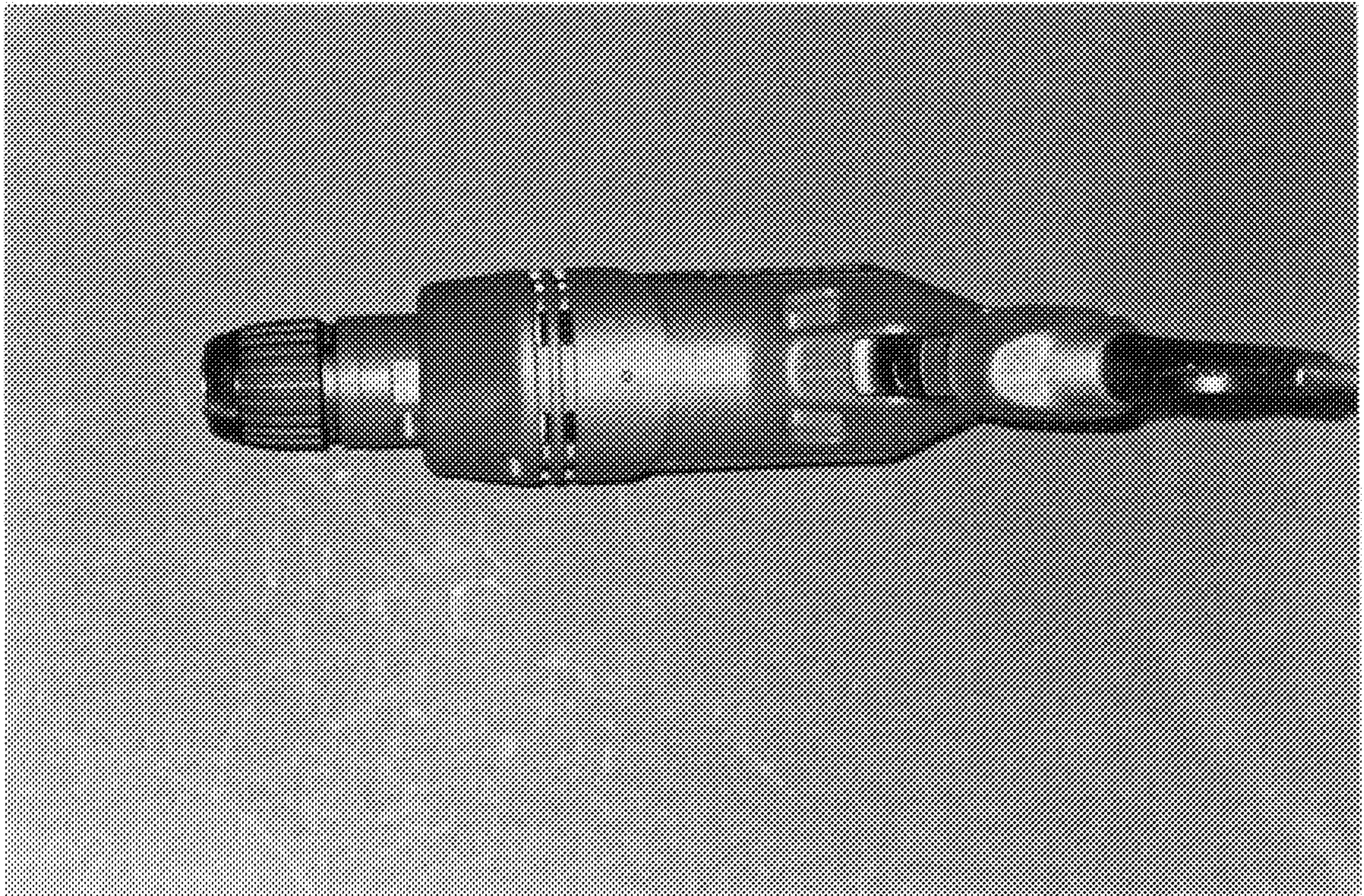


FIG. 21



FIG. 22

FIG. 23

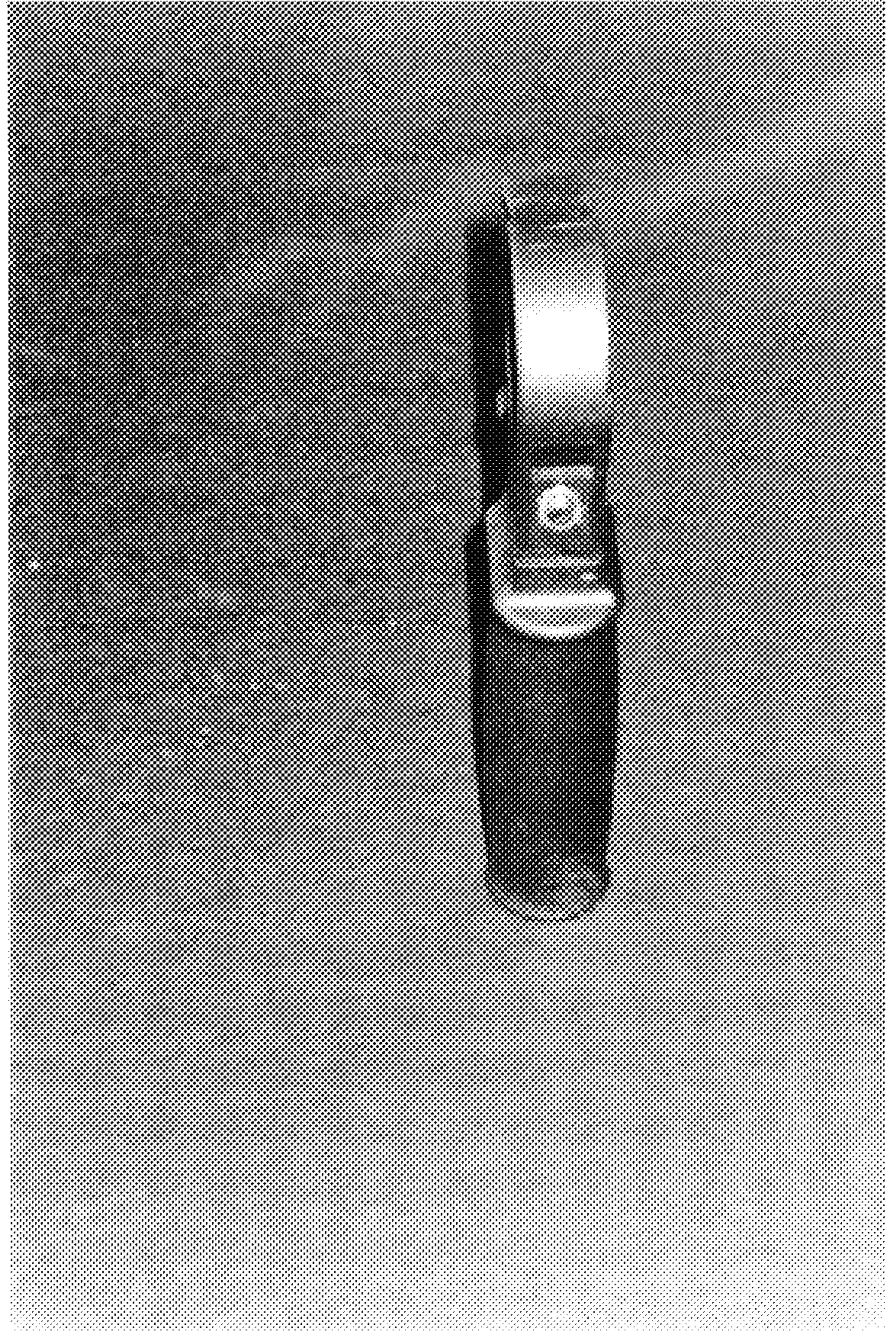


FIG. 24



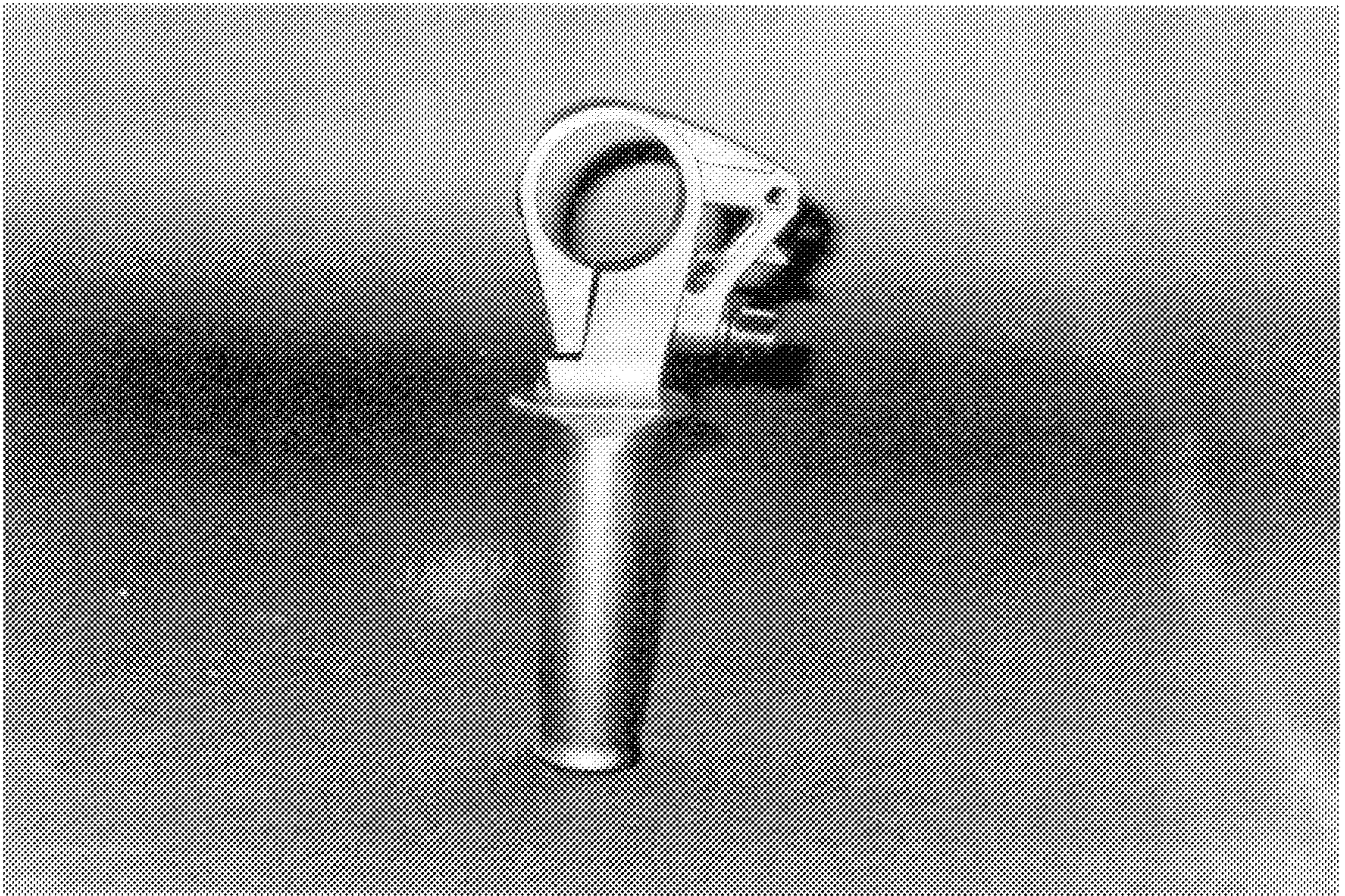


FIG. 25



FIG. 26

FIG. 27

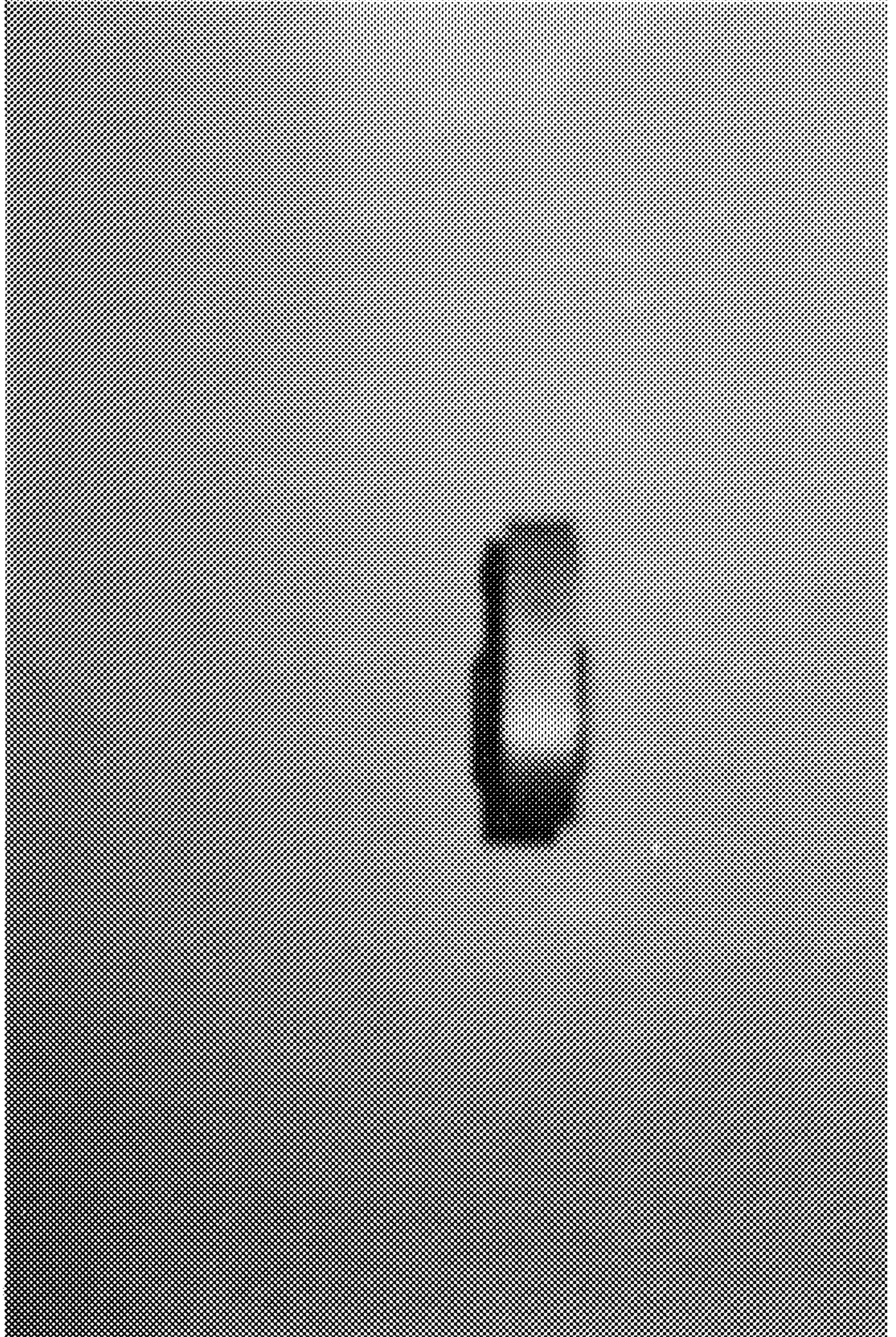




FIG. 28

FIG. 29

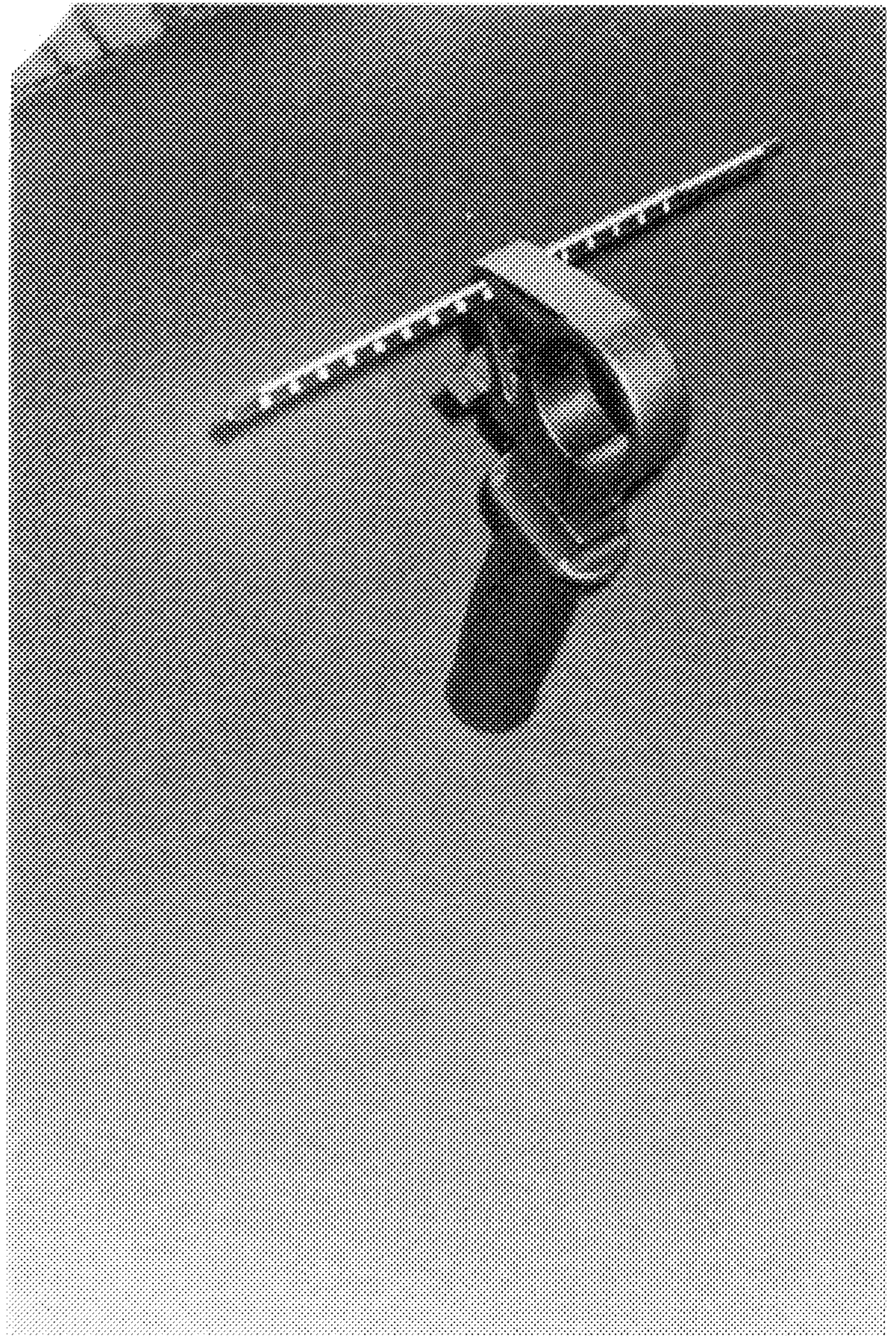


FIG. 30

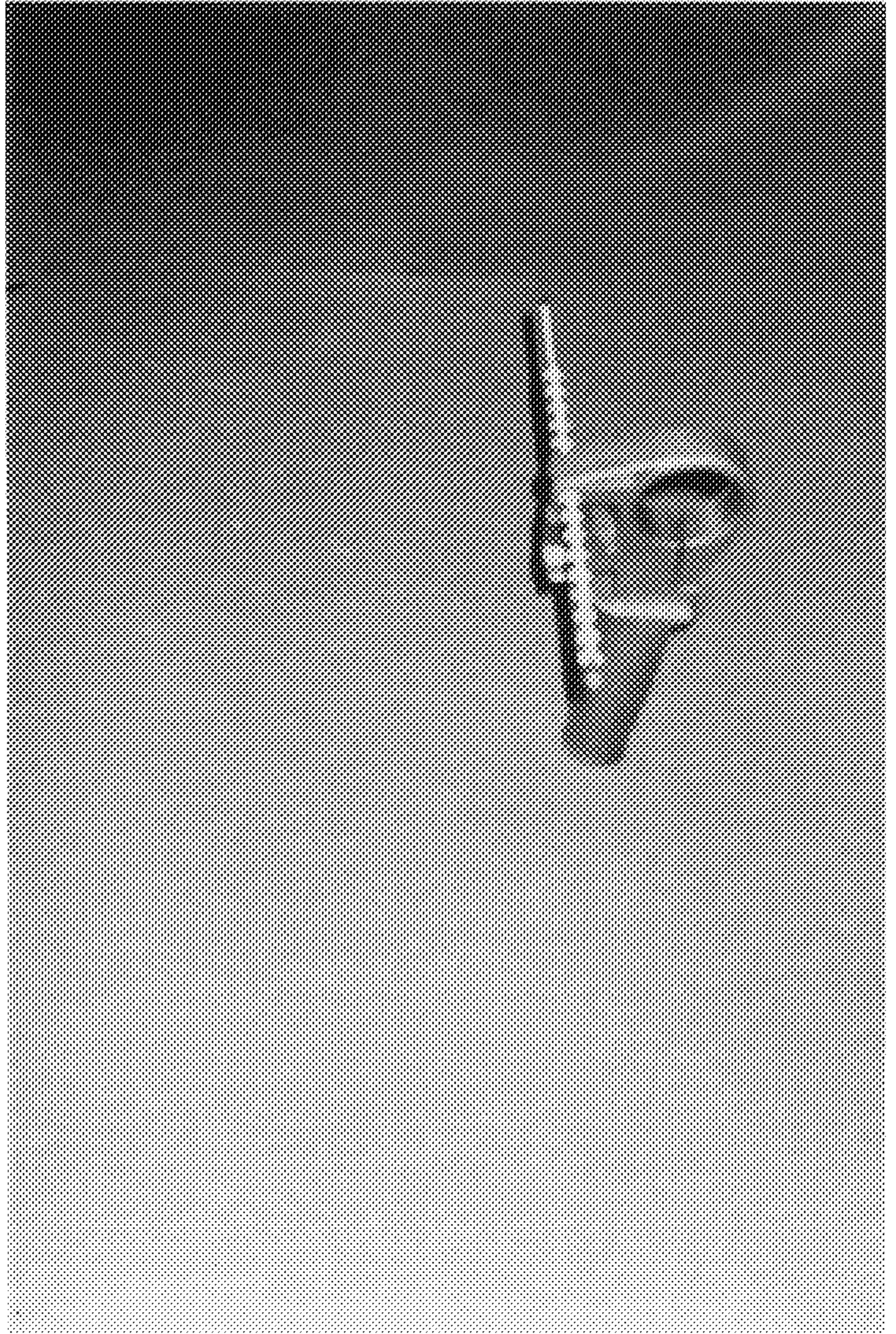




FIG. 31



FIG. 32