



US00D477511S

(12) **United States Design Patent**
Izumisawa

(10) **Patent No.: US D477,511 S**

(45) **Date of Patent: ** *Jul. 22, 2003**

(54) **MICRO IMPACT WRENCH**

(76) Inventor: **Nobuyuki Izumisawa**, 1-29-14,
Akatsuka, Itabashi-ku, Tokyo (JP)

(*) Notice: This patent is subject to a terminal disclaimer.

(**) Term: **14 Years**

(21) Appl. No.: **29/152,837**

(22) Filed: **Dec. 28, 2001**

(51) **LOC (7) Cl. 08-05**

(52) **U.S. Cl. D8/68**

(58) **Field of Search** D8/61, 62, 63,
D8/64, 65, 66, 67, 68, 69, 70; 173/13, 169,
178, 213, 217; 227/8, 114, 120, 130, 136,
142; 310/50; 408/20, 124, 125, 234, 241 R;
451/358; 81/57.11, 429, 464, 465, 466,
469, 489

(56) **References Cited**

U.S. PATENT DOCUMENTS

D205,091 S	*	6/1966	Averitt	.....	D8/68
D218,086 S	*	7/1970	Rodstein	.....	D8/68
D280,883 S	*	10/1985	Sakamoto et al.	.....	D8/61
4,790,696 A	*	12/1988	Williams	.....	408/241 R
D325,858 S	*	5/1992	Saito et al.	.....	D8/61
D358,314 S		5/1995	Izumisawa	.....	D8/62
D364,544 S		11/1995	Izumisawa	.....	D8/62
D382,184 S	*	8/1997	Sung	.....	D8/61
D384,262 S	*	9/1997	Hayakawa et al.	.....	D8/68
D403,219 S	*	12/1998	Bosten et al.	.....	D8/68
D404,275 S	*	1/1999	Bunyea et al.	.....	D8/68
D410,830 S	*	6/1999	Pusateri et al.	.....	D8/61

D430,995 S	*	9/2000	Izumisawa	.....	D8/68
D441,628 S	*	5/2001	Bass et al.	.....	D8/68
D447,033 S	*	8/2001	Izumisawa	.....	D8/68

OTHER PUBLICATIONS

Wrenches, Sioux Professional Power Tools catalogue #871,
p. 67.*

* cited by examiner

Primary Examiner—Robert M. Spear

Assistant Examiner—T. Chase Nelson

(74) *Attorney, Agent, or Firm*—Greer, Burns & Crain, Ltd.

(57) **CLAIM**

The ornamental design for a micro impact wrench, as shown
and described.

DESCRIPTION

FIG. 1 is a perspective view of the micro impact wrench
showing my new design;

FIG. 2 is a left side view of the micro impact wrench of FIG.
1;

FIG. 3 is a front view of the micro impact wrench of FIG.
1;

FIG. 4 is a right side view of the micro impact wrench of
FIG. 1;

FIG. 5 is a rear view of the micro impact wrench of FIG. 1;

FIG. 6 is a top view of the micro impact wrench of FIG. 1;
and,

FIG. 7 is a bottom view of the micro impact wrench of FIG.
1.

The broken line shown in FIGS. 1-7 is for illustrative
purposes only and forms no part of the claimed design.

1 Claim, 4 Drawing Sheets

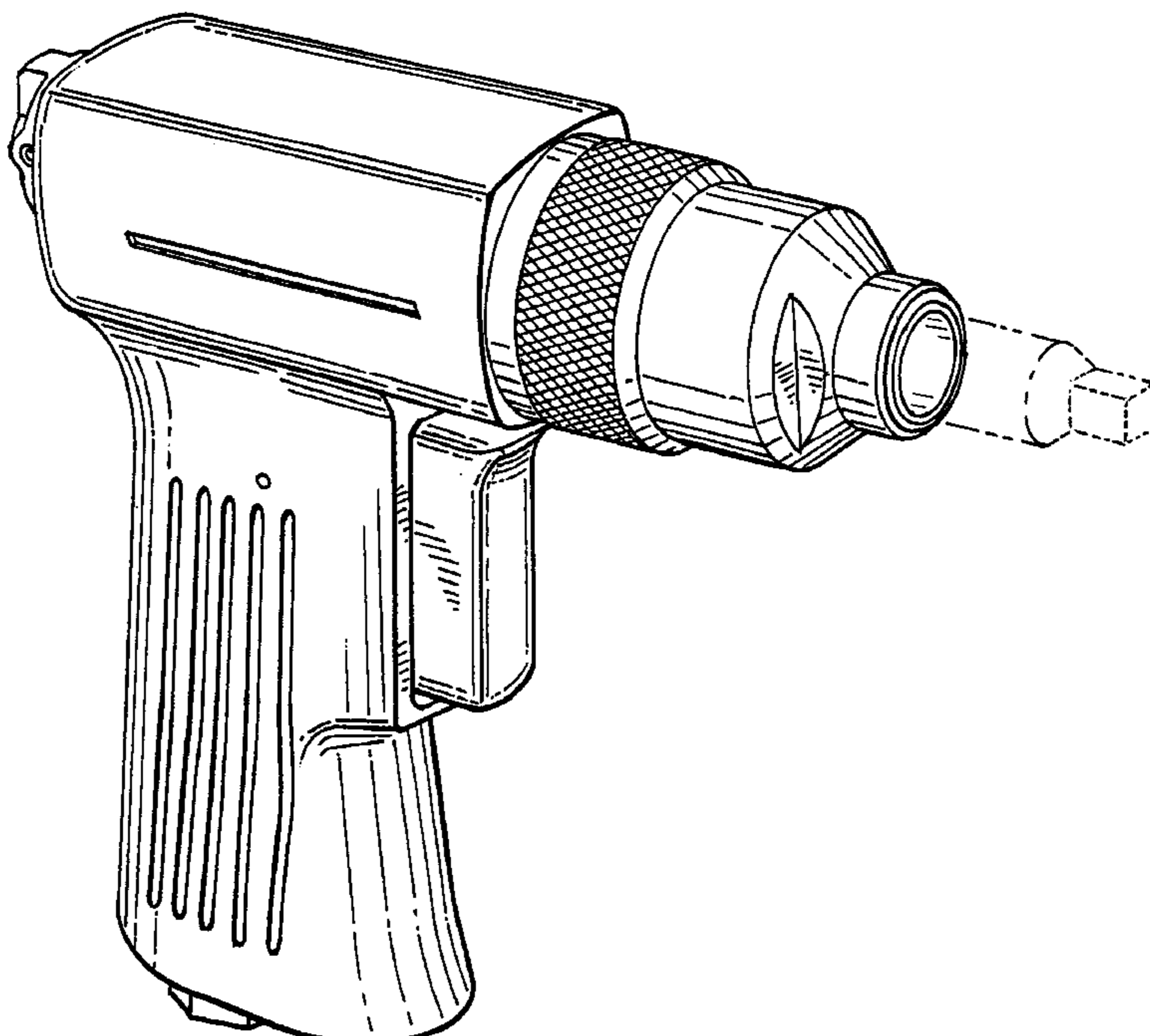


FIG. 1

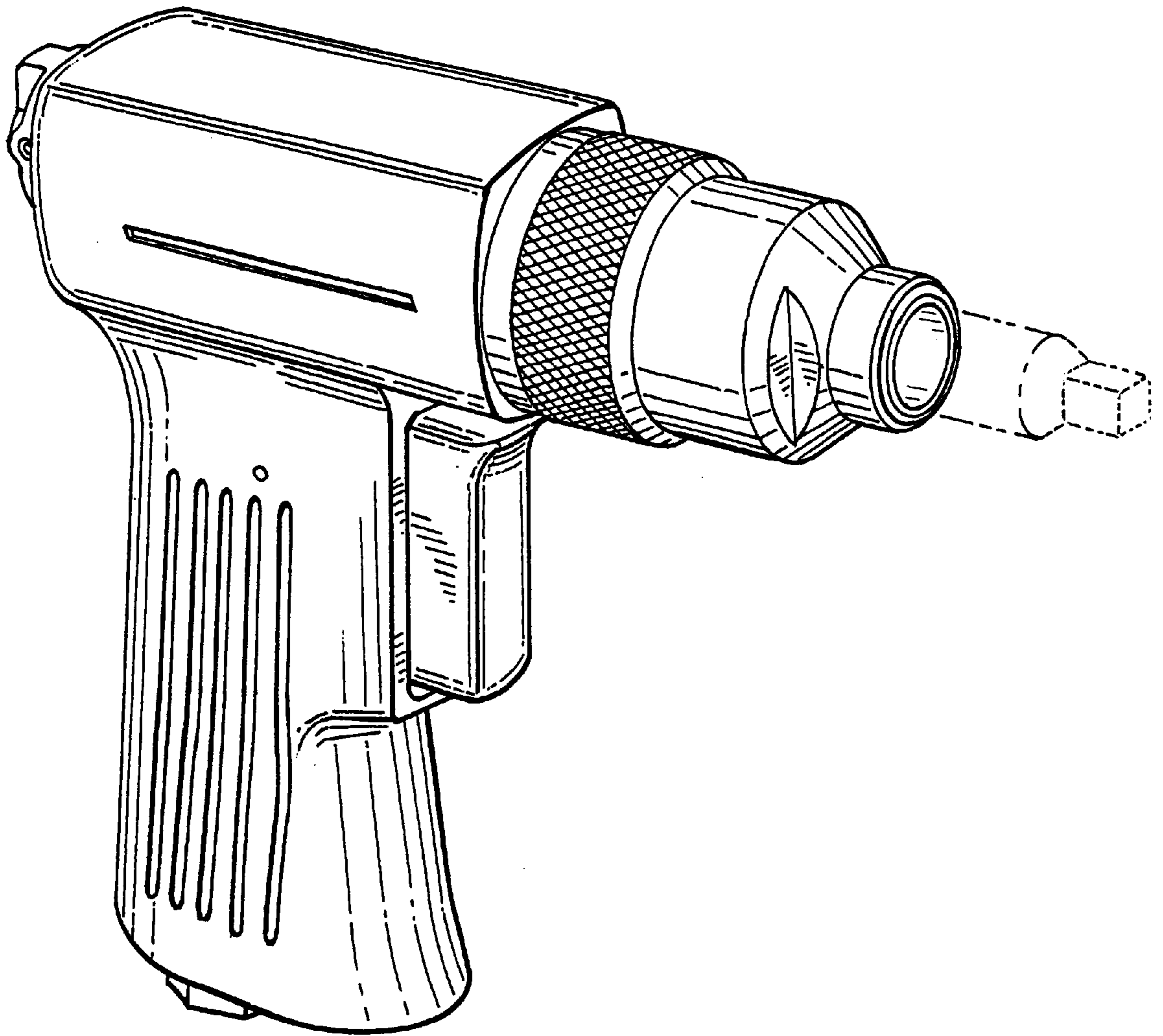


FIG. 3

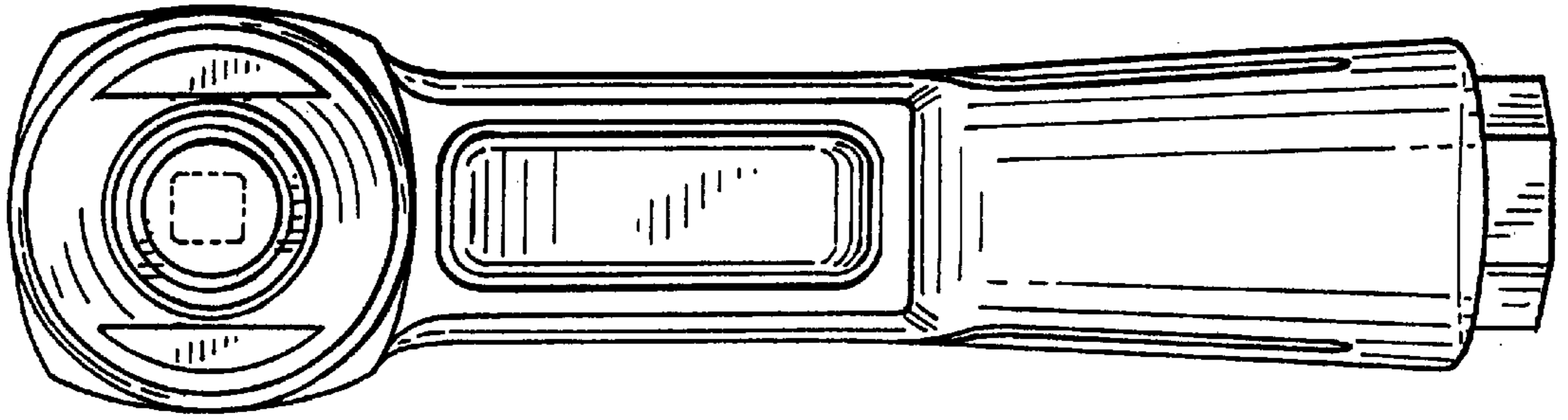


FIG. 2

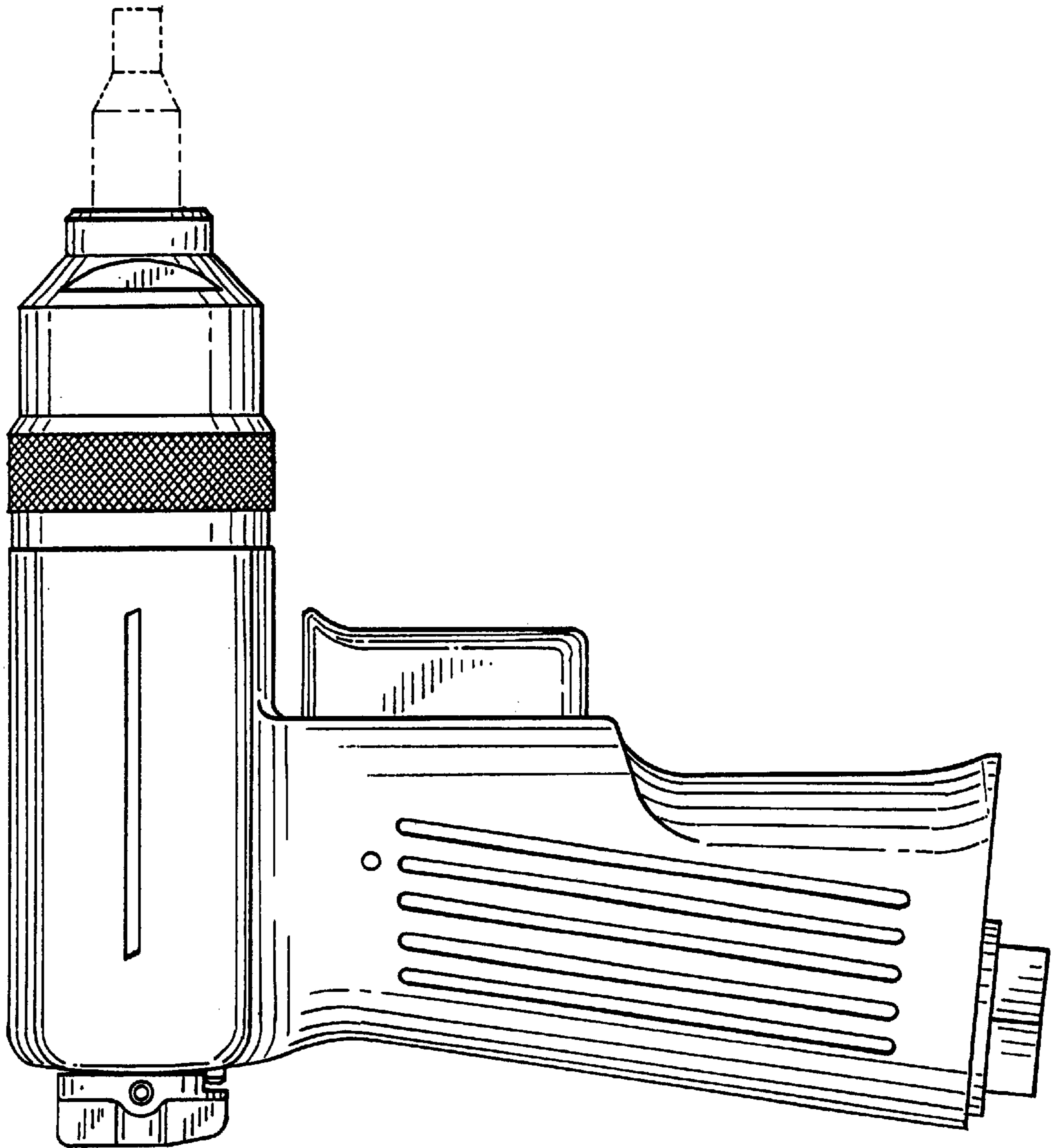


FIG.5

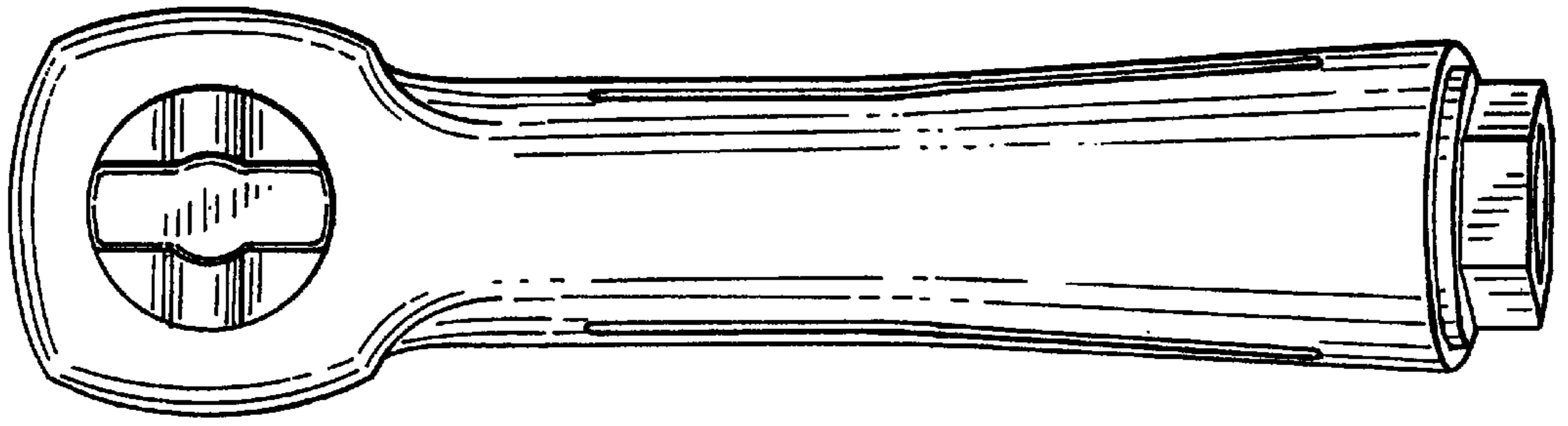


FIG.4

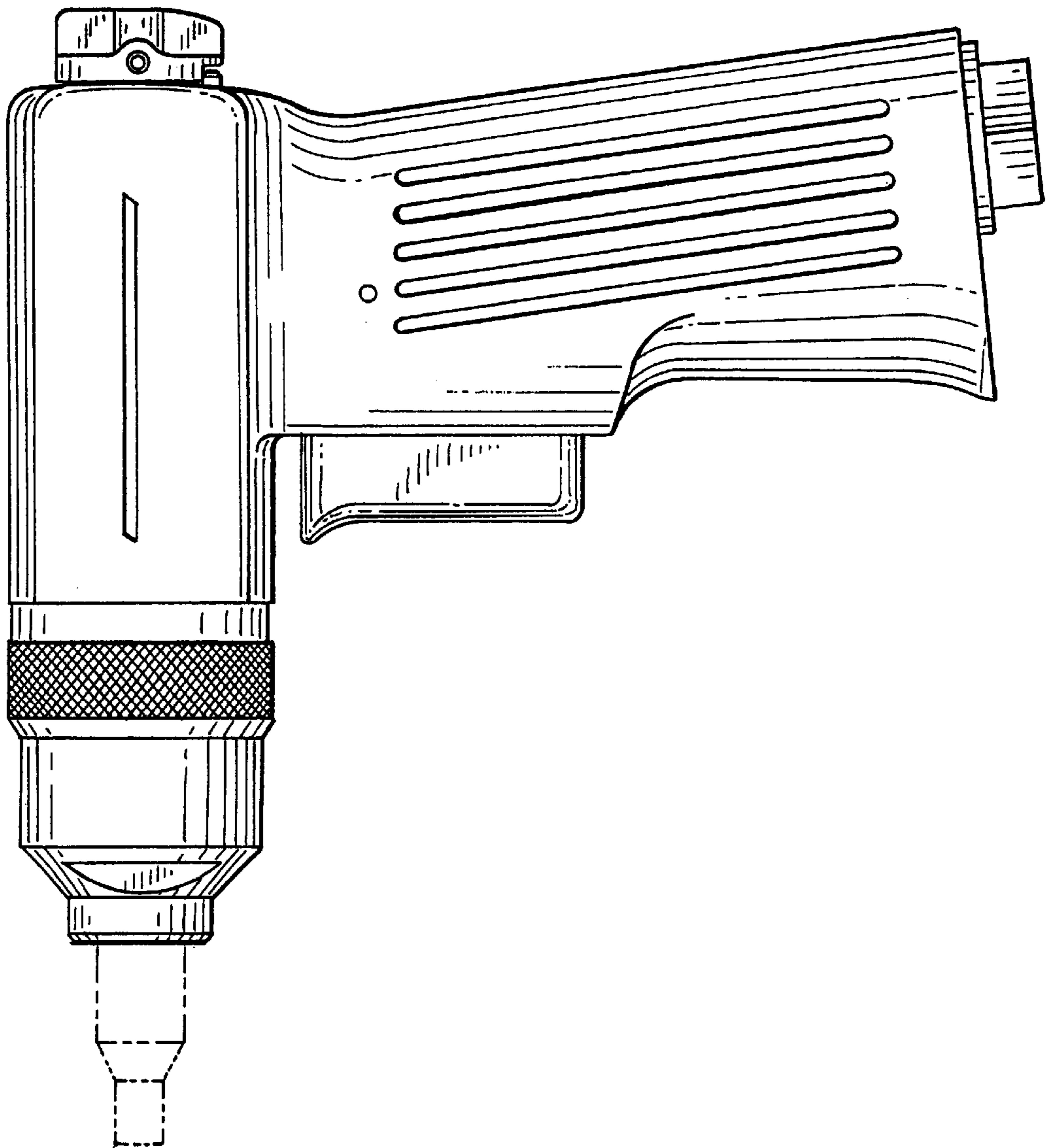


FIG. 6

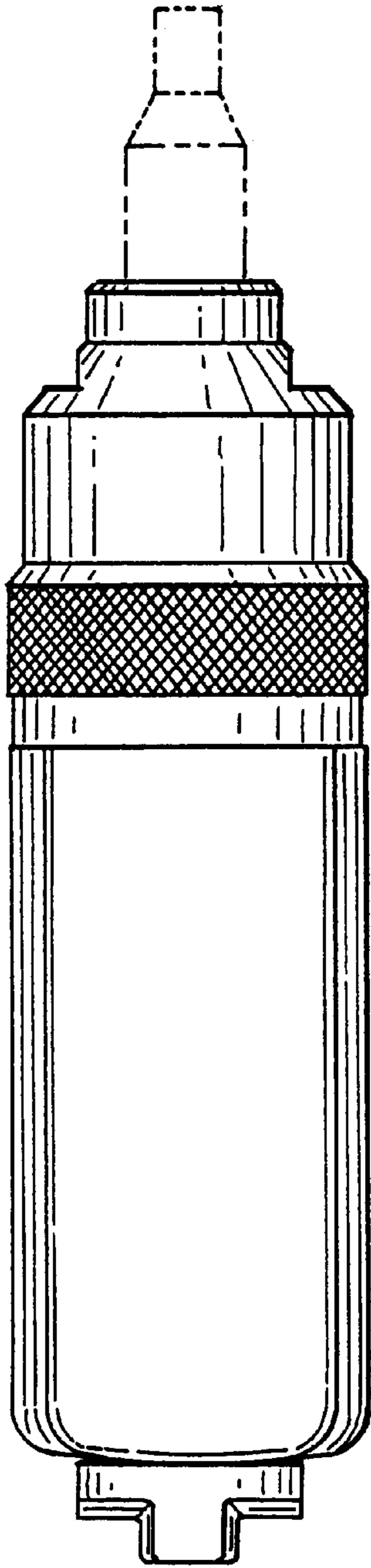


FIG. 7

