



US00D482254S

(12) **United States Design Patent**
Tsuzuki et al.

(10) **Patent No.:** **US D482,254 S**
(45) **Date of Patent:** **** Nov. 18, 2003**

(54) **PORTABLE ELECTRIC DRILL**

(75) Inventors: **Hitoshi Tsuzuki**, Hitachinaka (JP);
Nobuhisa Sugawara, Hitachinaka (JP);
Kenji Kataoka, Hitachinaka (JP)

(73) Assignee: **Hitachi Koki Co., Ltd.**, Tokyo (JP)

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

D396,621	S	*	8/1998	Zurwelle	.....	D8/68
D400,415	S	*	11/1998	Zurwelle	.....	D8/68
D400,416	S	*	11/1998	Zurwelle	.....	D8/68
D403,565	S	*	1/1999	Chung	.....	D8/68
D406,742	S	*	3/1999	Schoen et al.	.....	D8/68
D439,123	S	*	3/2001	Sakai et al.	.....	D8/68
D441,268	S	*	5/2001	Heun	.....	D8/68
D466,386	S	*	12/2002	Zurwelle	.....	D8/68
D466,779	S	*	12/2002	Shibata et al.	.....	D8/68
6,536,537	B1	*	3/2003	Sasaki et al.	.....	173/178

(21) Appl. No.: **29/170,481**

(22) Filed: **Nov. 7, 2002**

(30) **Foreign Application Priority Data**

May 10, 2002 (JP) 2002-012377

(51) **LOC (7) Cl.** **08-01**

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

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

(56) **References Cited**

U.S. PATENT DOCUMENTS

D280,883	S	*	10/1985	Sakamoto et al.	.....	D8/68
D316,021	S	*	4/1991	Bunyea	.....	D8/68
D332,208	S	*	1/1993	Sakamoto et al.	.....	D8/68
D337,711	S	*	7/1993	Ogawa et al.	.....	D8/68
D339,727	S	*	9/1993	Kikuchi	.....	D8/68
D396,395	S	*	7/1998	Zurwelle	.....	D8/68

OTHER PUBLICATIONS

Drills, p. 84, Skil Power Tools & Accessories, c. 1995.*

* cited by examiner

Primary Examiner—Doris V. Coles
Assistant Examiner—T. Chase Nelson
(74) *Attorney, Agent, or Firm*—Sughrue Mion, PLLC

(57) **CLAIM**

The ornamental design for a portable electric drill, as shown.

DESCRIPTION

FIG. 1 is a perspective view of the top, front and one side of a portable electric drill showing our new design;
FIG. 2 is a side elevational view of said one side thereof;
FIG. 3 is a side elevational view of the opposite side thereof;
FIG. 4 is a front elevational view thereof;
FIG. 5 is a rear elevational view thereof;
FIG. 6 is a top plan view thereof; and,
FIG. 7 is a bottom plan view thereof.

1 Claim, 5 Drawing Sheets

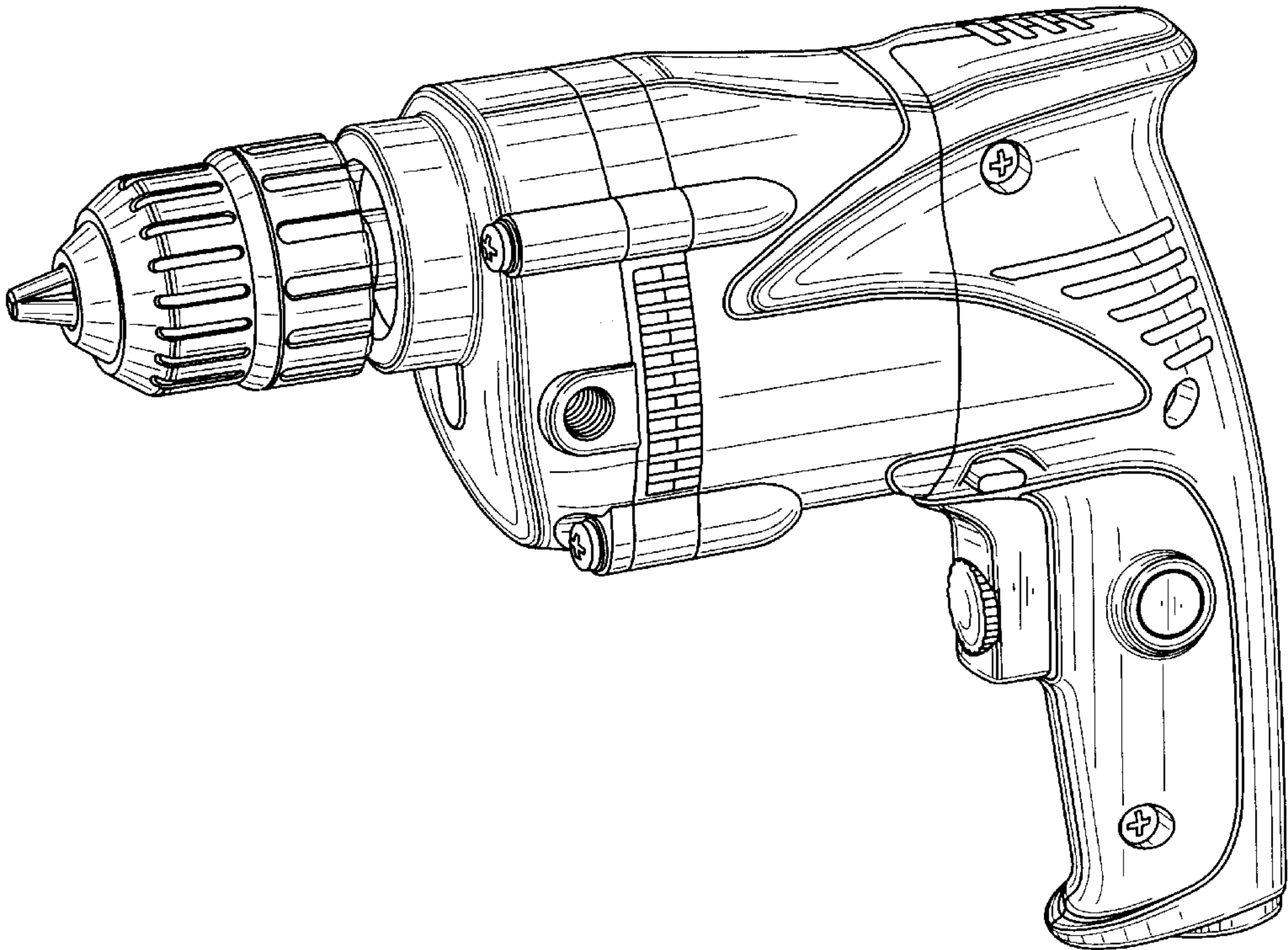


FIG. 1

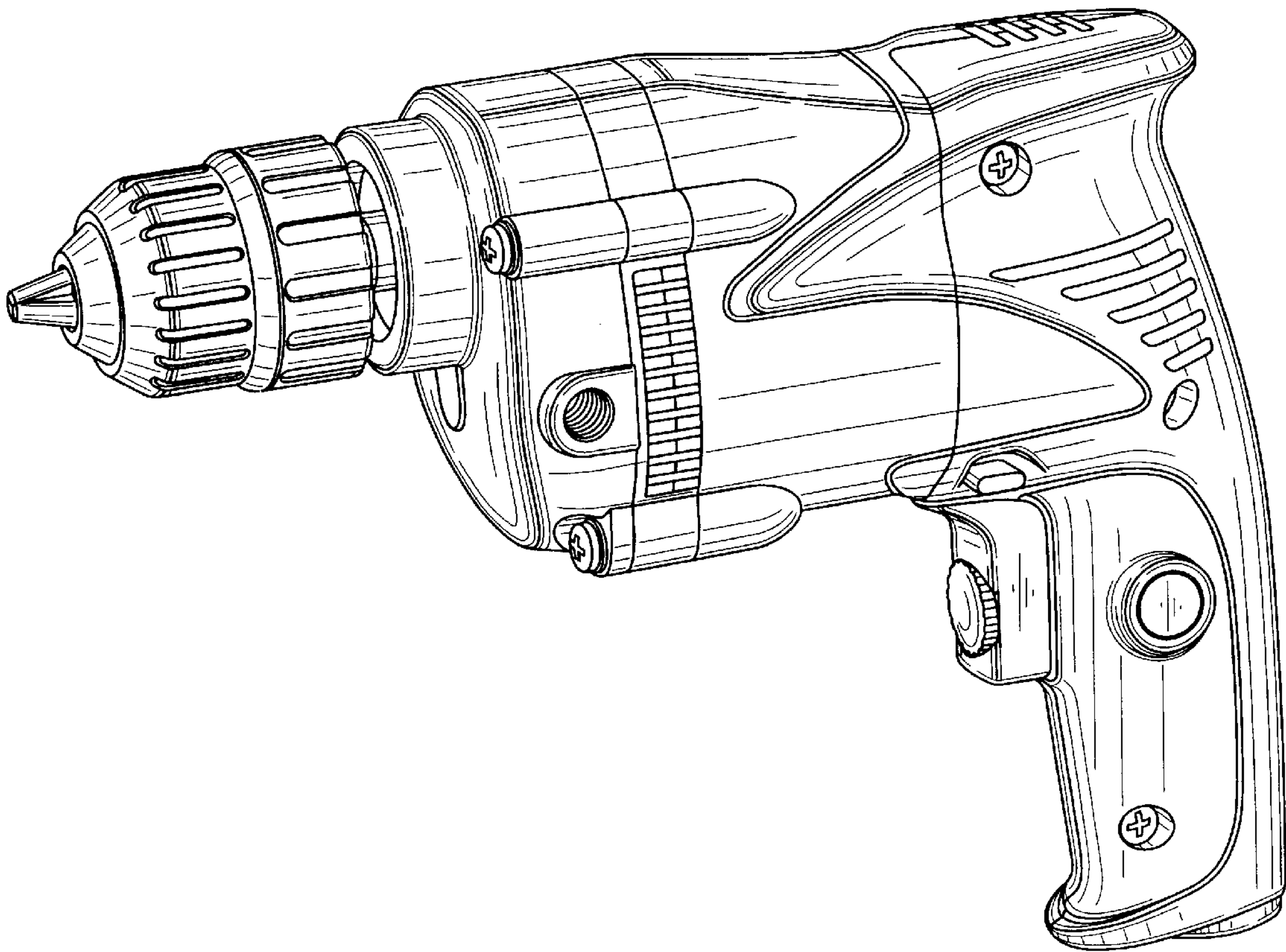


FIG. 2

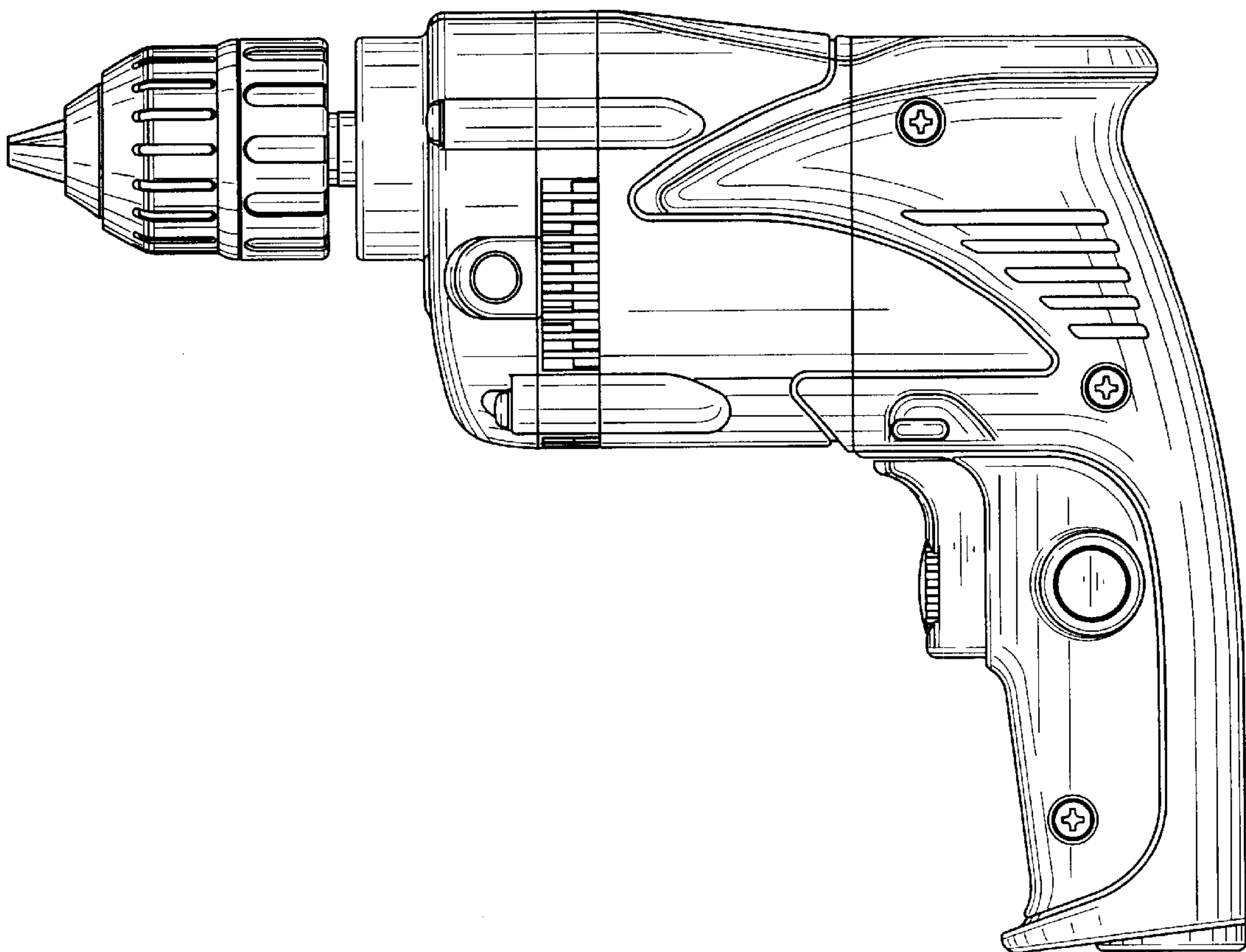


FIG. 3

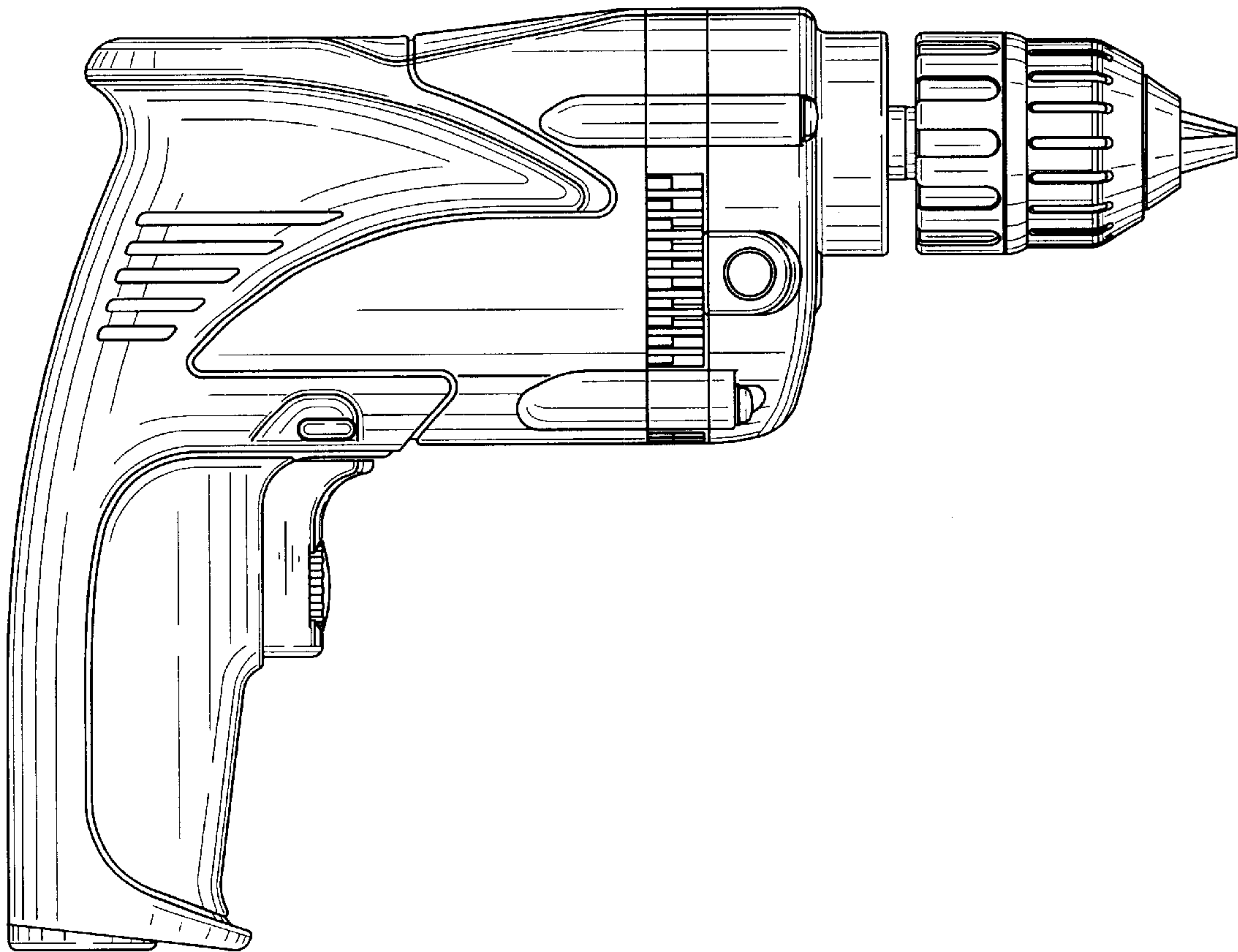


FIG. 4

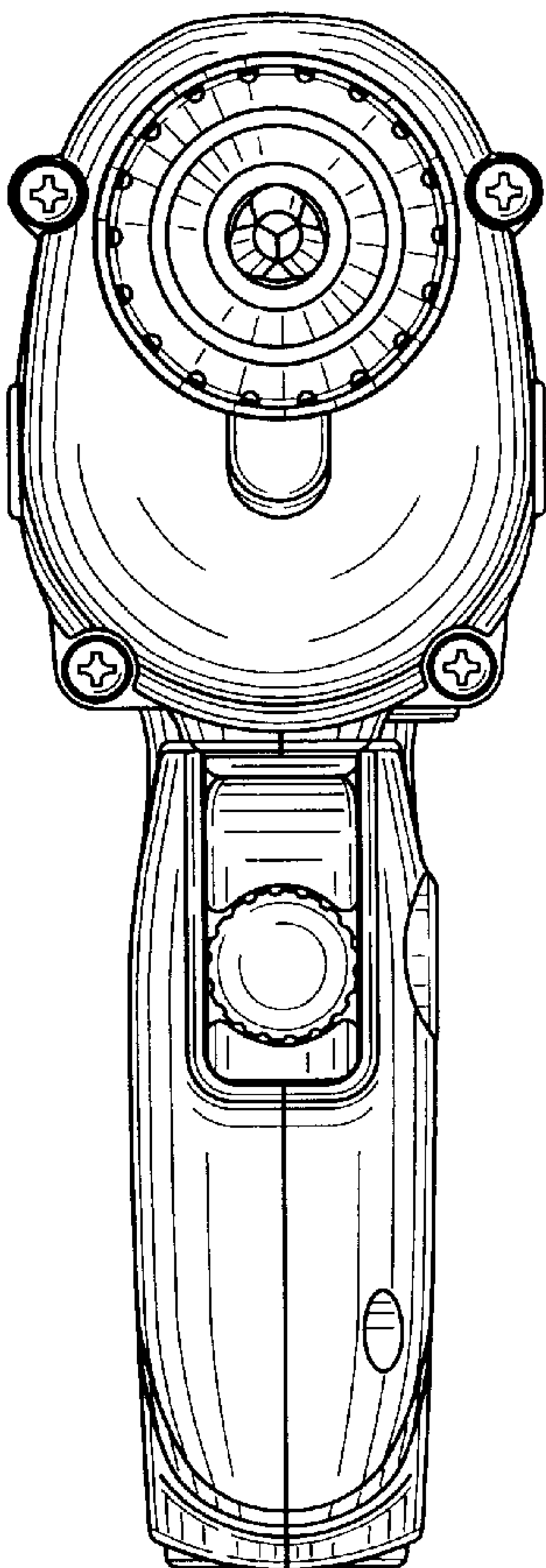


FIG. 5

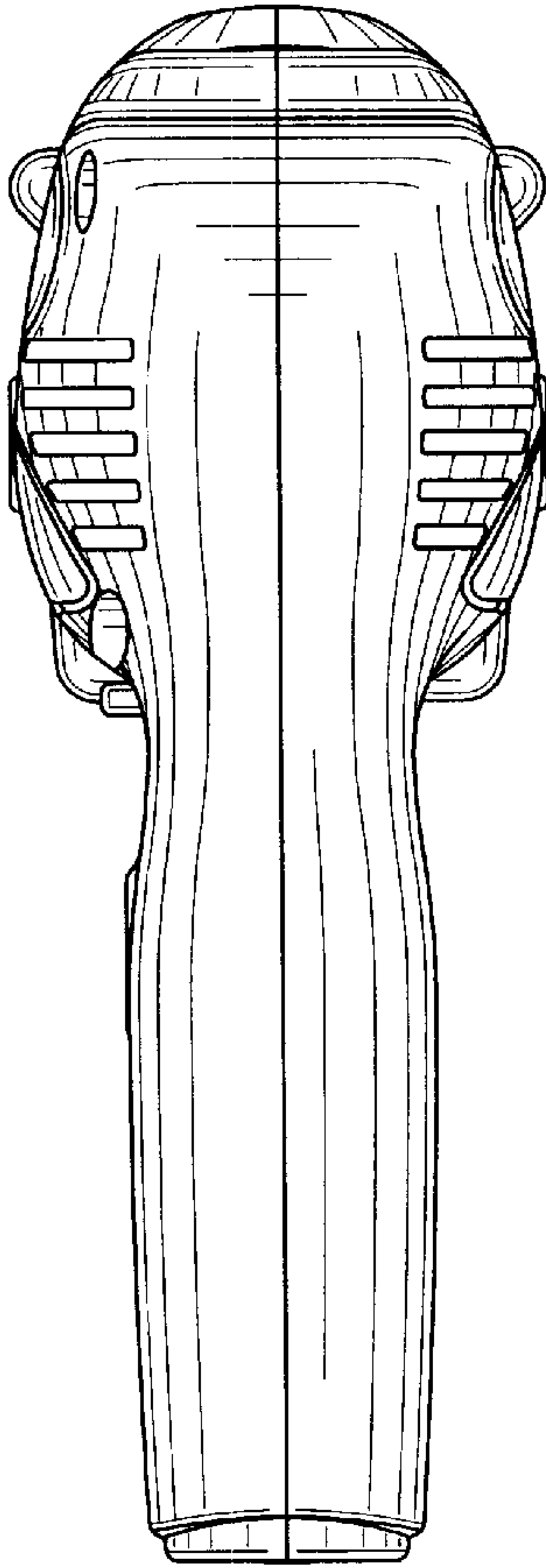


FIG. 6

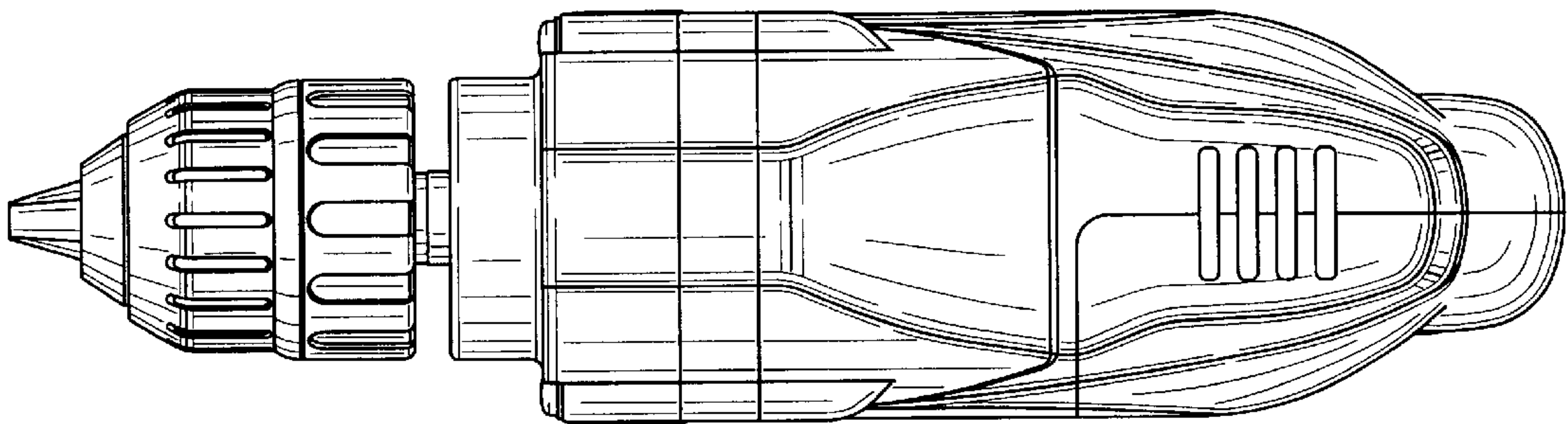


FIG. 7

