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(12) **United States Design Patent** (10) **Patent No.:** **US D467,483 S**  
**Heun** (45) **Date of Patent:** **\*\* Dec. 24, 2002**

(54) **ELECTRIC DRILL**

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

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(30) **Foreign Application Priority Data**

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

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

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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**

D377,442 S	*	1/1997	Kikuchi	.....	D8/68
D378,268 S	*	3/1997	Schultz	.....	D8/68
D386,662 S	*	11/1997	Tozawa et al.	.....	D8/68
D396,177 S	*	7/1998	Schultz	.....	D8/68
D402,871 S	*	12/1998	Clowers et al.	.....	D8/68
D409,467 S	*	5/1999	Chung	.....	D8/68
D419,413 S	*	1/2000	Heun	.....	D8/68
D420,877 S	*	2/2000	Schultz	.....	D8/68

D421,883 S	*	3/2000	Watson et al.	.....	D8/68
D426,126 S	*	6/2000	Schultz	.....	D8/61
D428,320 S	*	7/2000	Ohi et al.	.....	D8/61
D429,134 S	*	8/2000	Schultz et al.	.....	D8/61
D436,511 S	*	1/2001	Hayakawa et al.	.....	D8/68
D437,759 S	*	2/2001	Breit et al.	.....	D8/68
6,308,378 B1	*	10/2001	Mooty et al.	.....	310/50
6,364,580 B1	*	4/2002	Dils et al.	.....	408/241 R
6,401,837 B1	*	6/2002	Pan	.....	173/178
D460,673 S	*	7/2002	Heun	.....	D8/68
D460,674 S	*	7/2002	Heun	.....	D8/68

\* cited by examiner

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(57) **CLAIM**

The ornamental design for an electric drill, as shown and described.

**DESCRIPTION**

FIG. 1 is a front end, left side and top perspective view of an electric drill showing my new design;

FIG. 2 is a rear end, left side and top perspective view thereof;

FIG. 3 is a left side elevational view thereof;

FIG. 4 is a right side elevational view thereof;

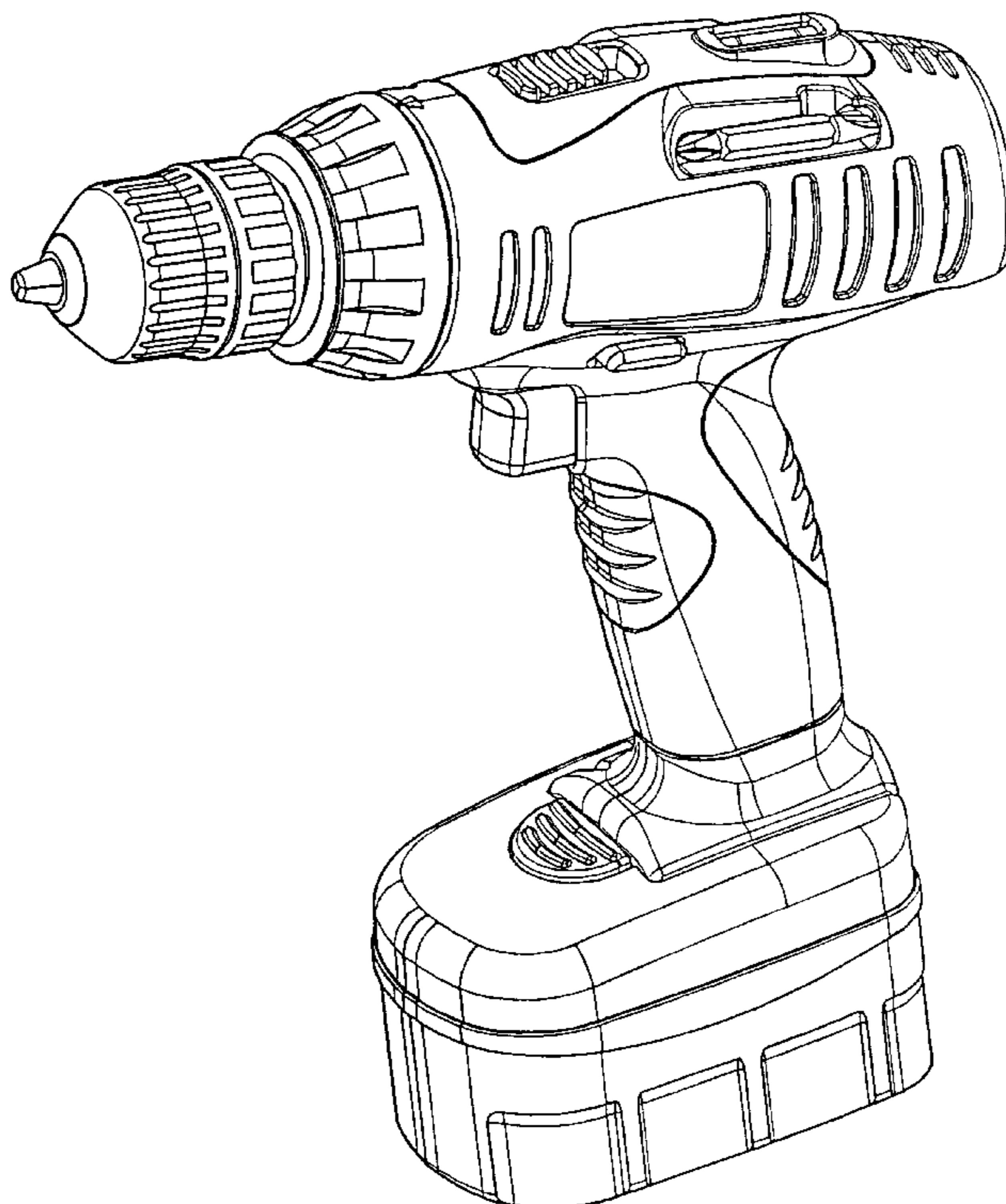
FIG. 5 is a front end elevational view thereof;

FIG. 6 is a rear end elevational view thereof;

FIG. 7 is a top plan view thereof; and,

FIG. 8 is a bottom plan view thereof.

**1 Claim, 6 Drawing Sheets**



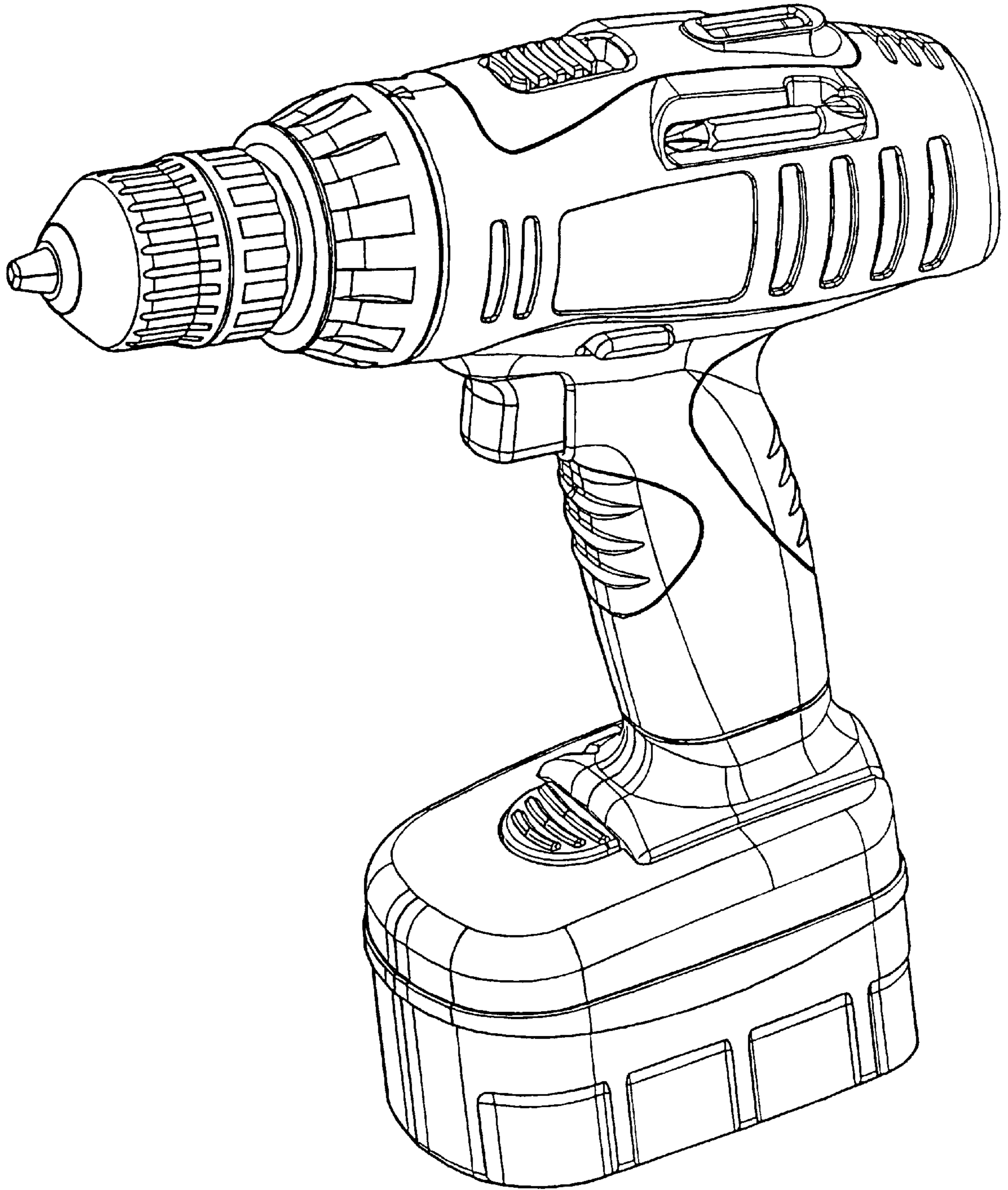


FIG. 1

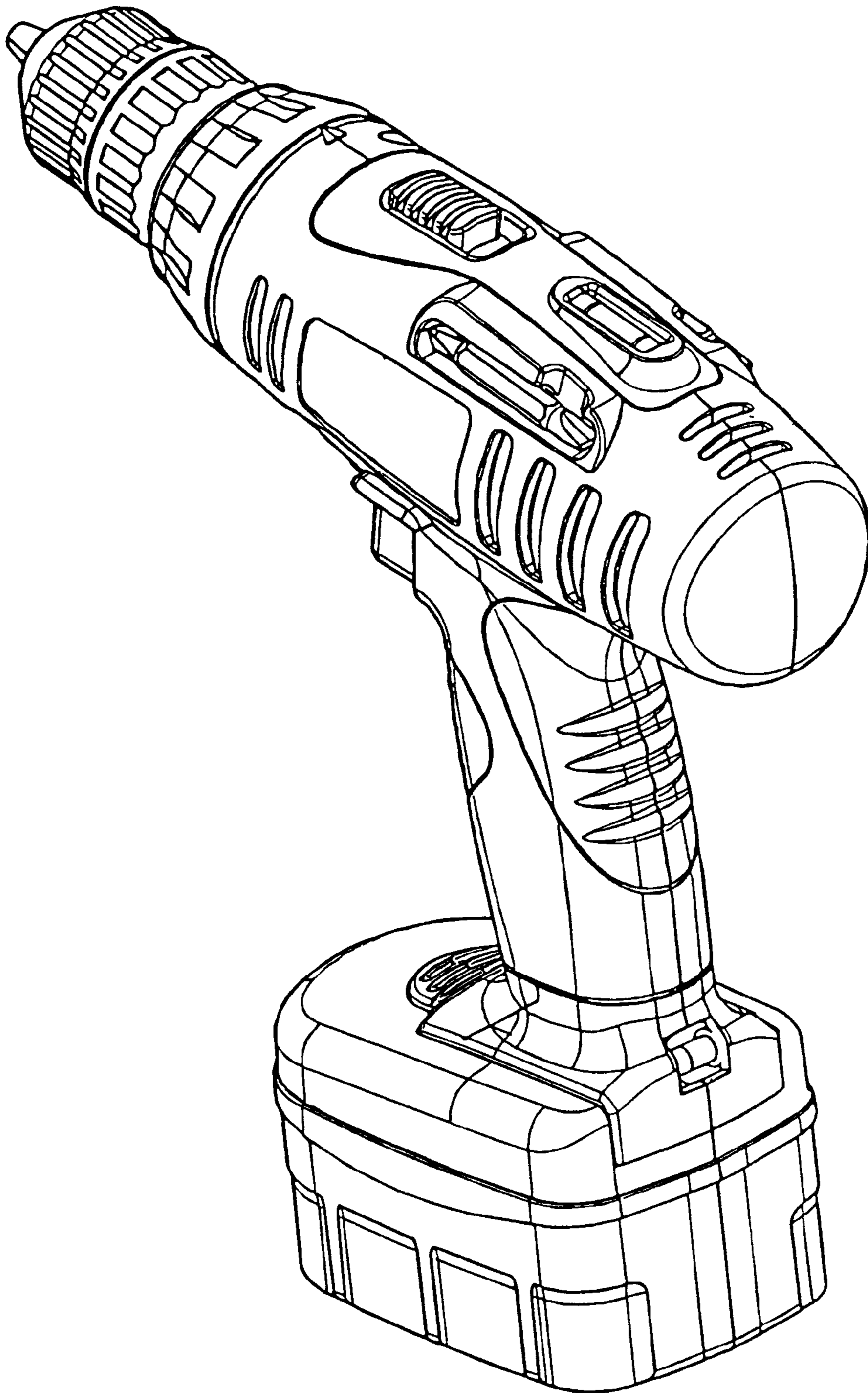


FIG. 2

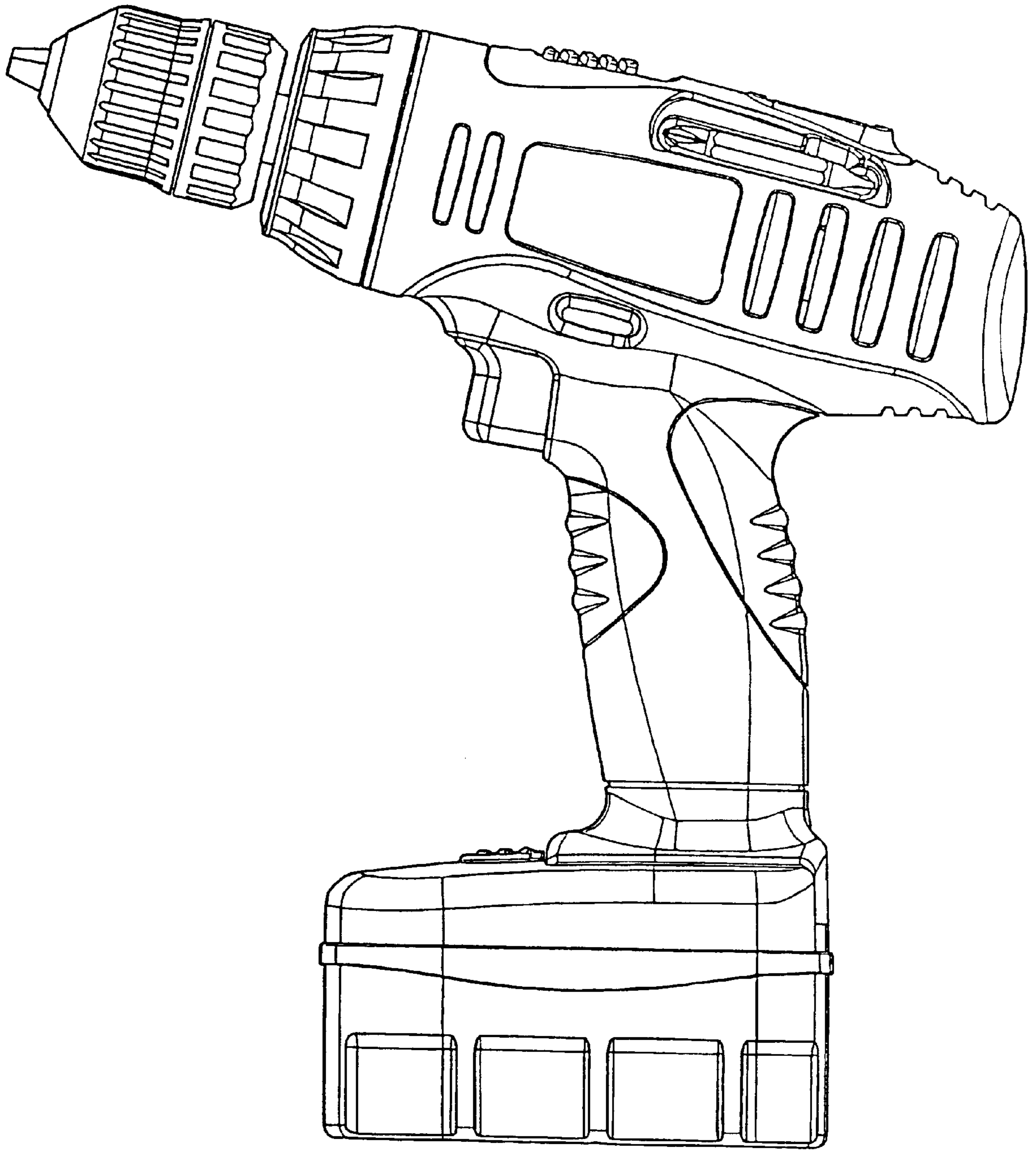


FIG. 3

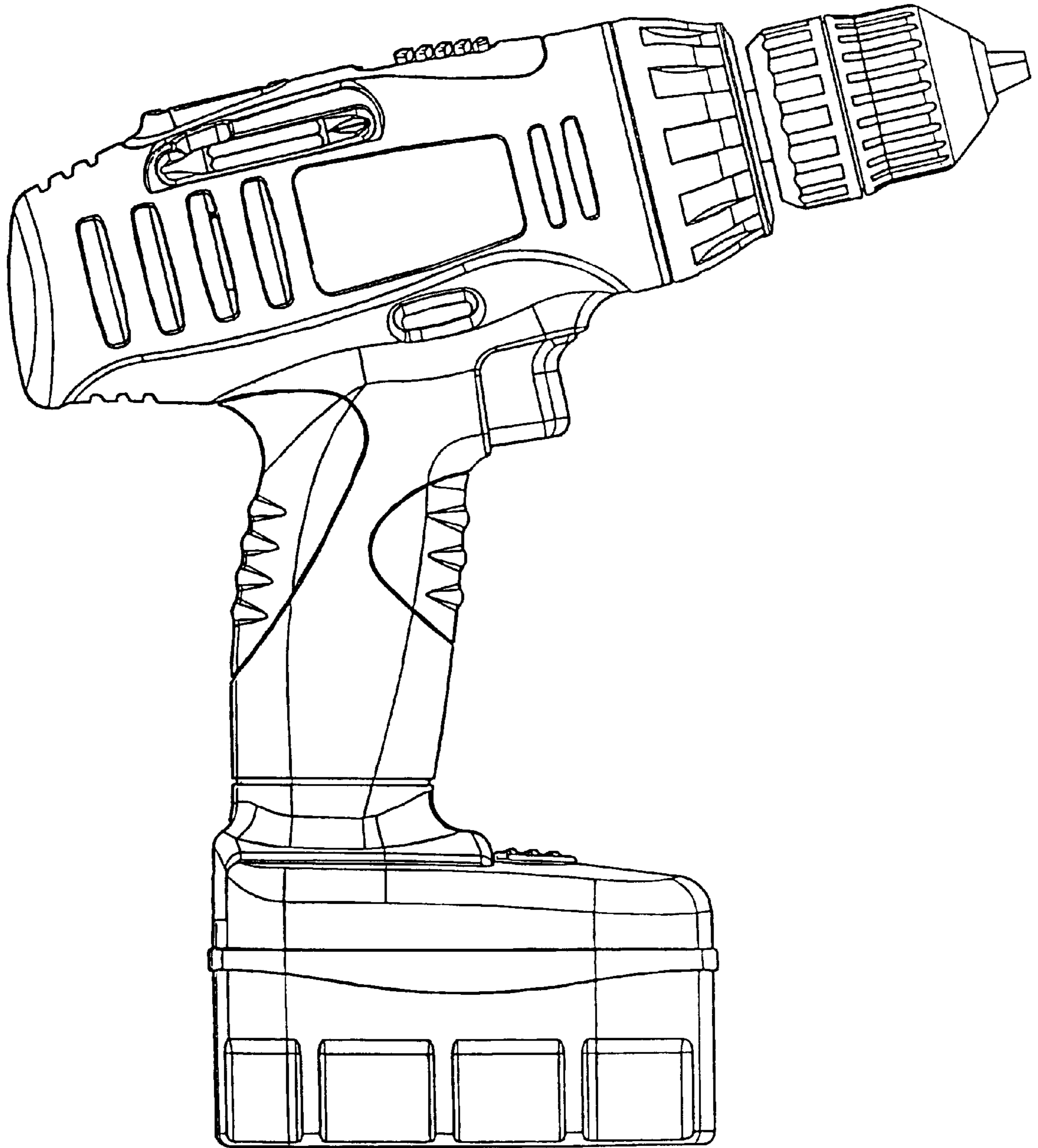


FIG. 4

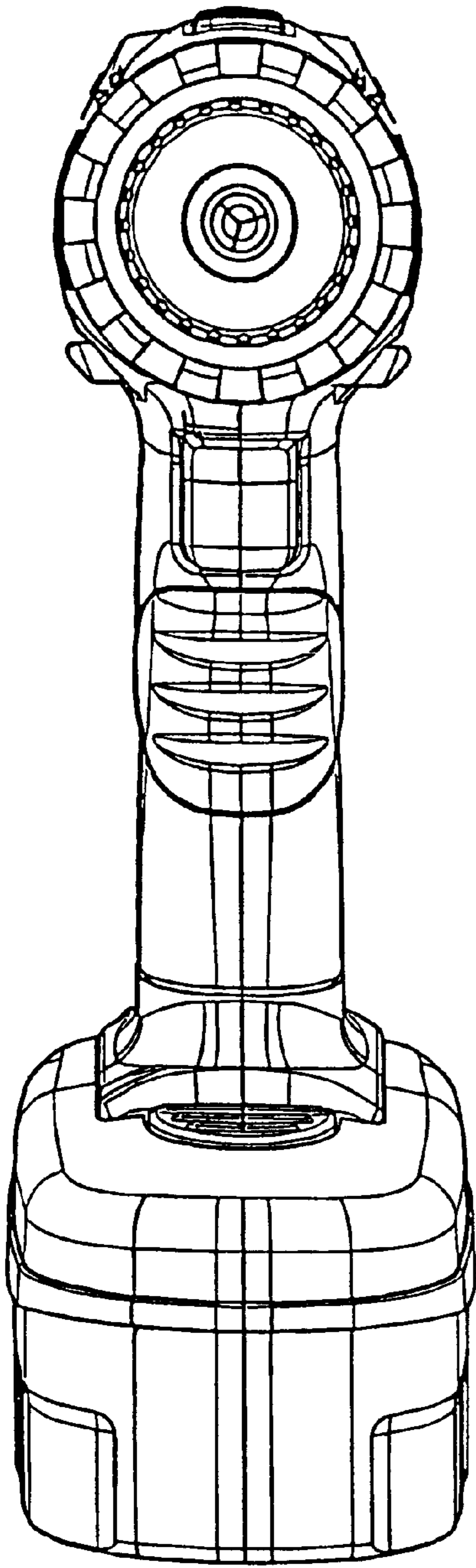


FIG. 5

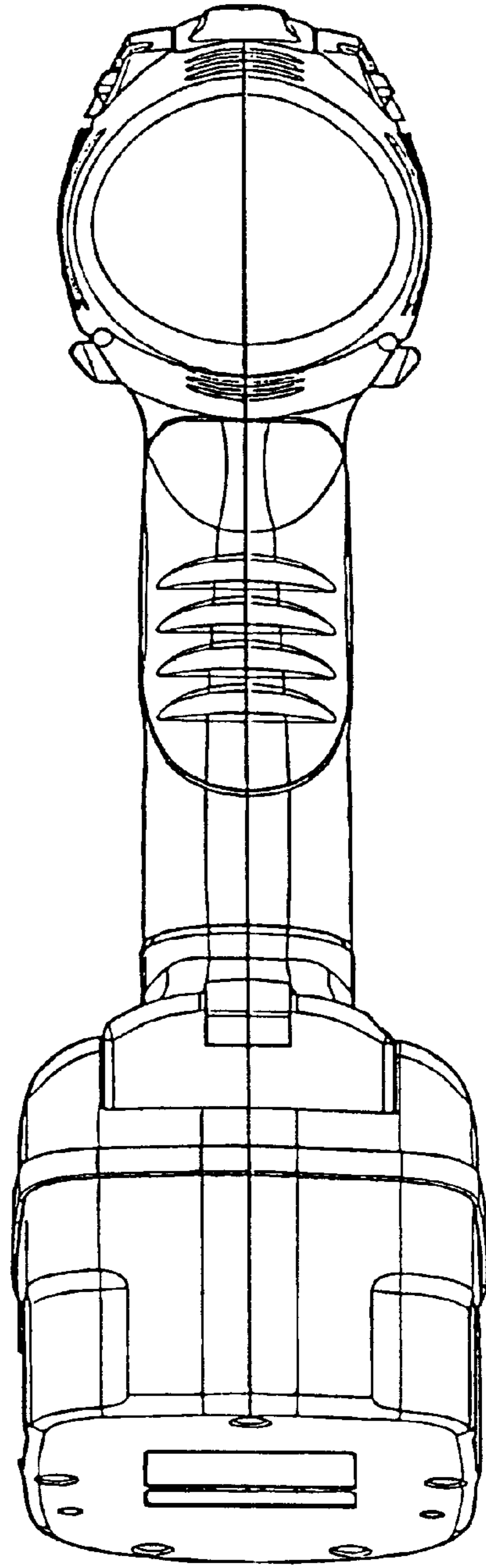


FIG. 6

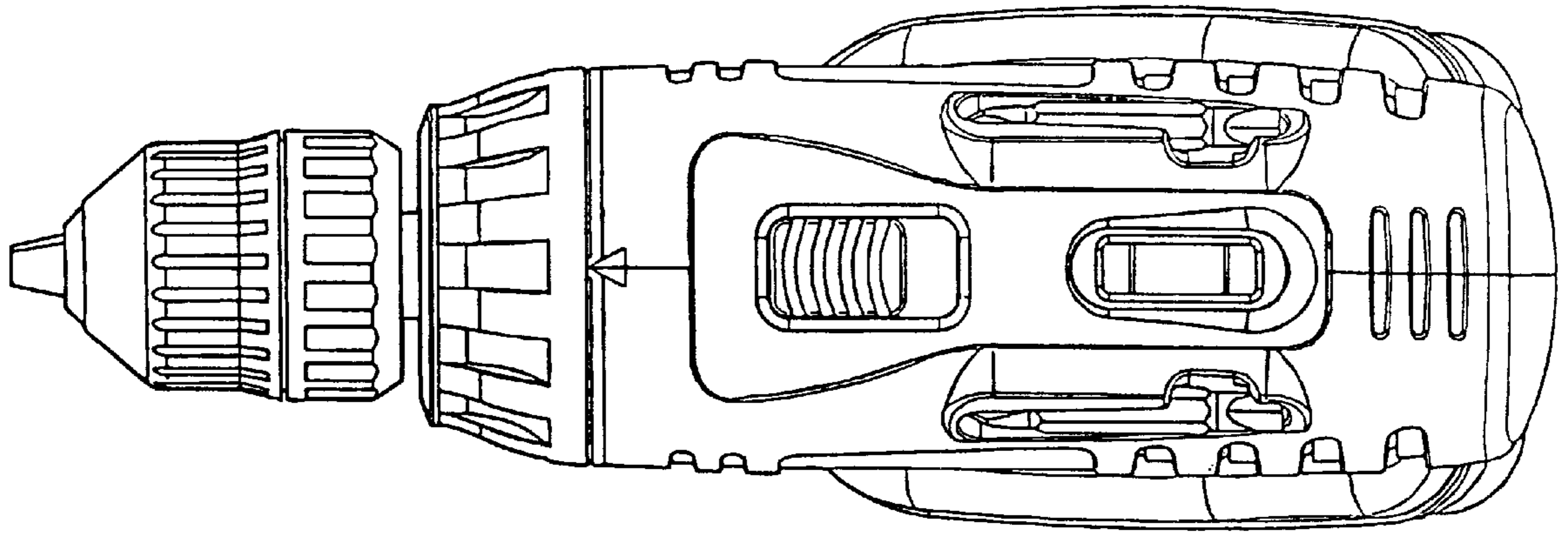


FIG. 7

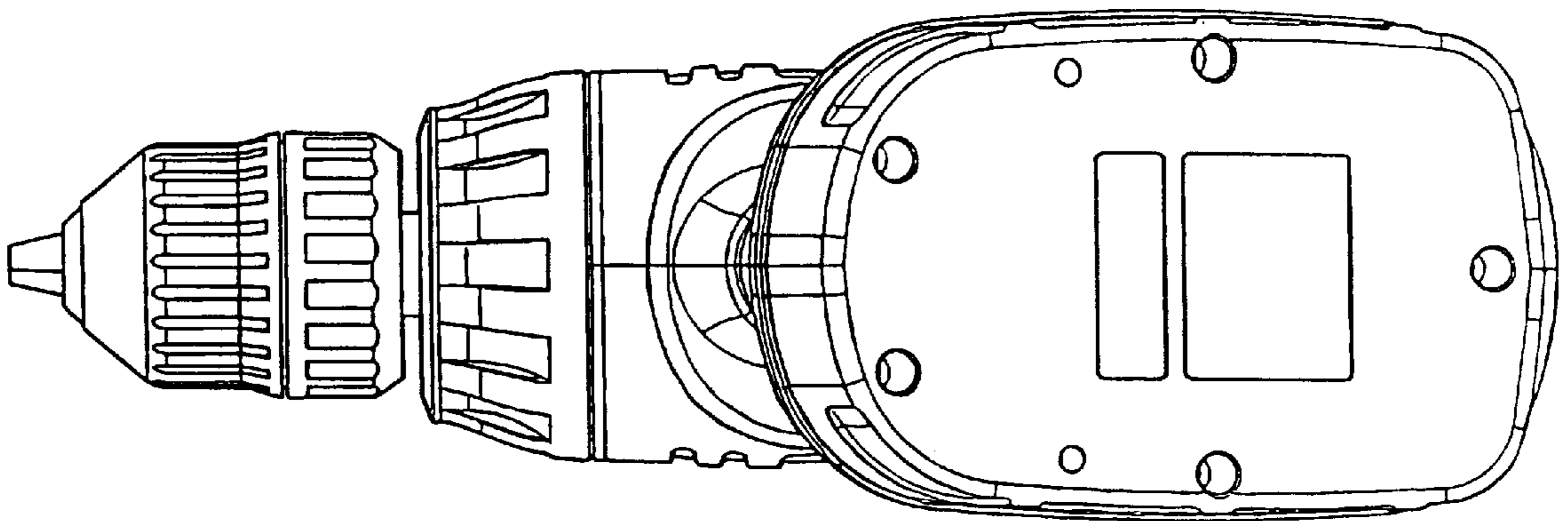


FIG. 8