



US00D467483S

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

(54) **ELECTRIC DRILL**

(75) **Inventor:** **Ping Hay Heun, Aberdeen (HK)**

(73) **Assignee:** **Choon Nang Electrical Appliance, Aberdeen (HK)**

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

(21) **Appl. No.:** **29/158,282**

(22) **Filed:** **Apr. 3, 2002**

(30) **Foreign Application Priority Data**

Jan. 31, 2002 (GB) 3001146

(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

| | | | | | |
|------------|---|---------|----------------|-------|-------|
| 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

Primary Examiner—Doris V. Coles

Assistant Examiner—T. Chase Nelson

(74) *Attorney, Agent, or Firm*—Leydig, Voit & Mayer, Ltd.

(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;

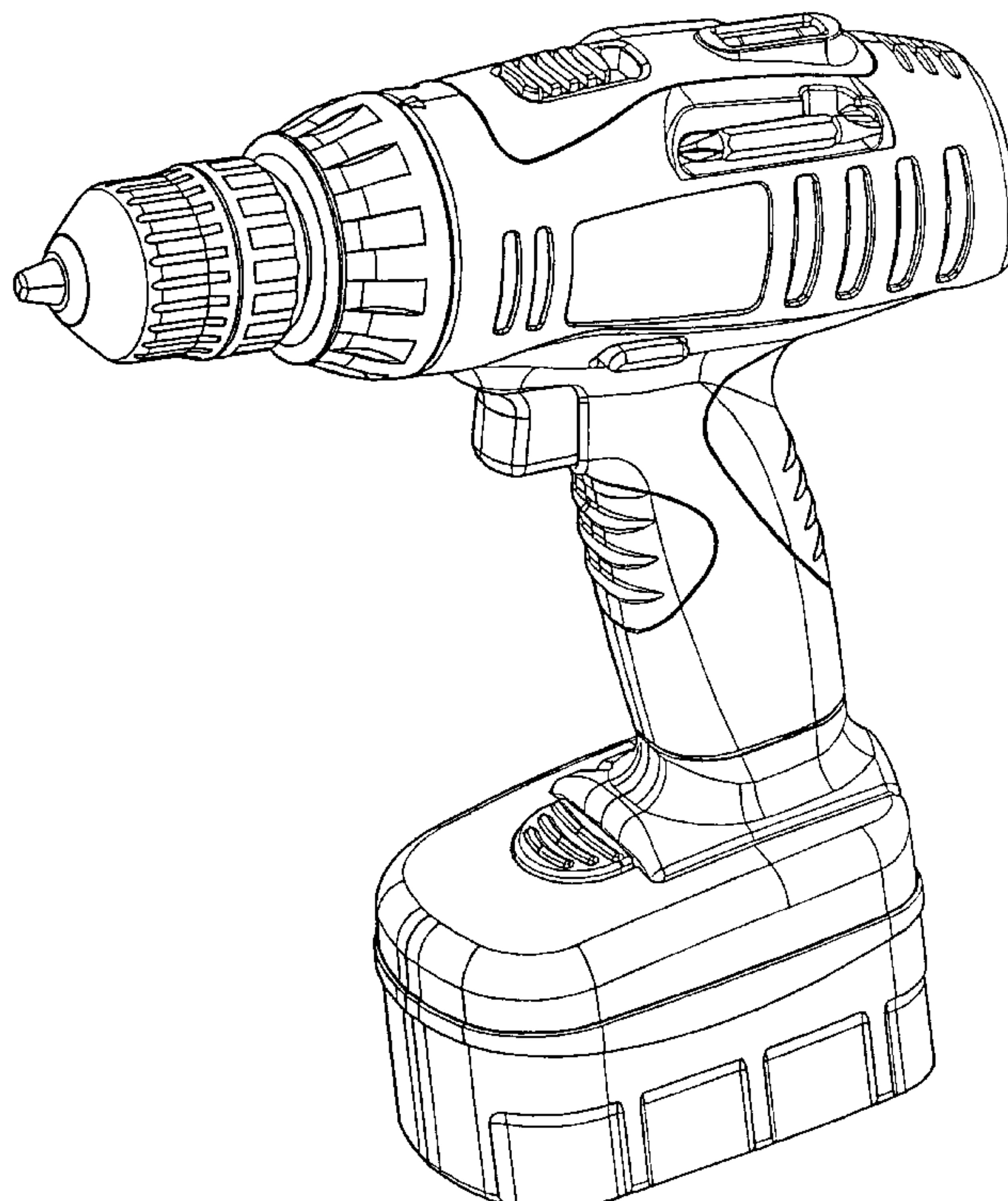
FIG. 5 is a front end elevational view thereof;

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



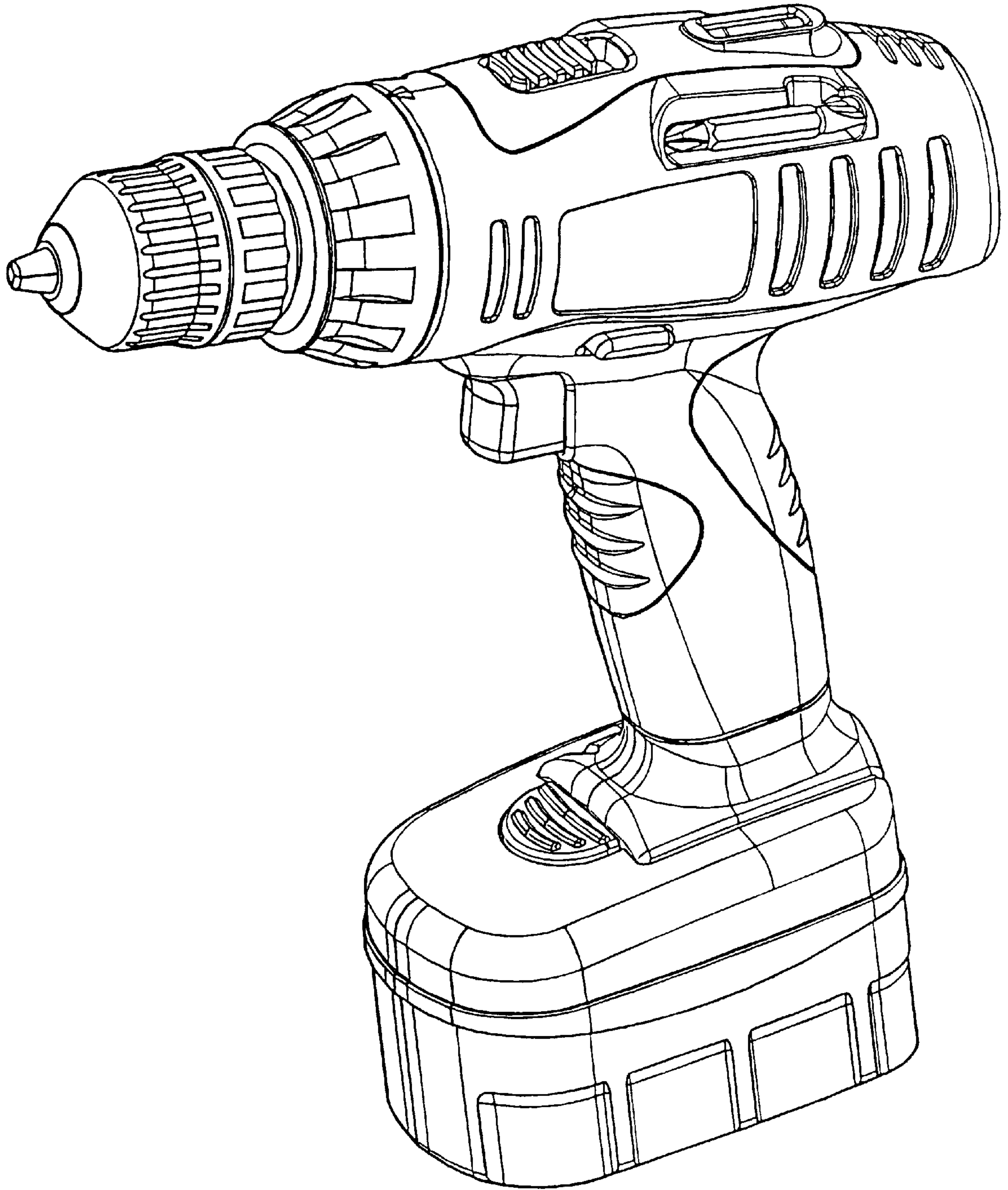


FIG. 1

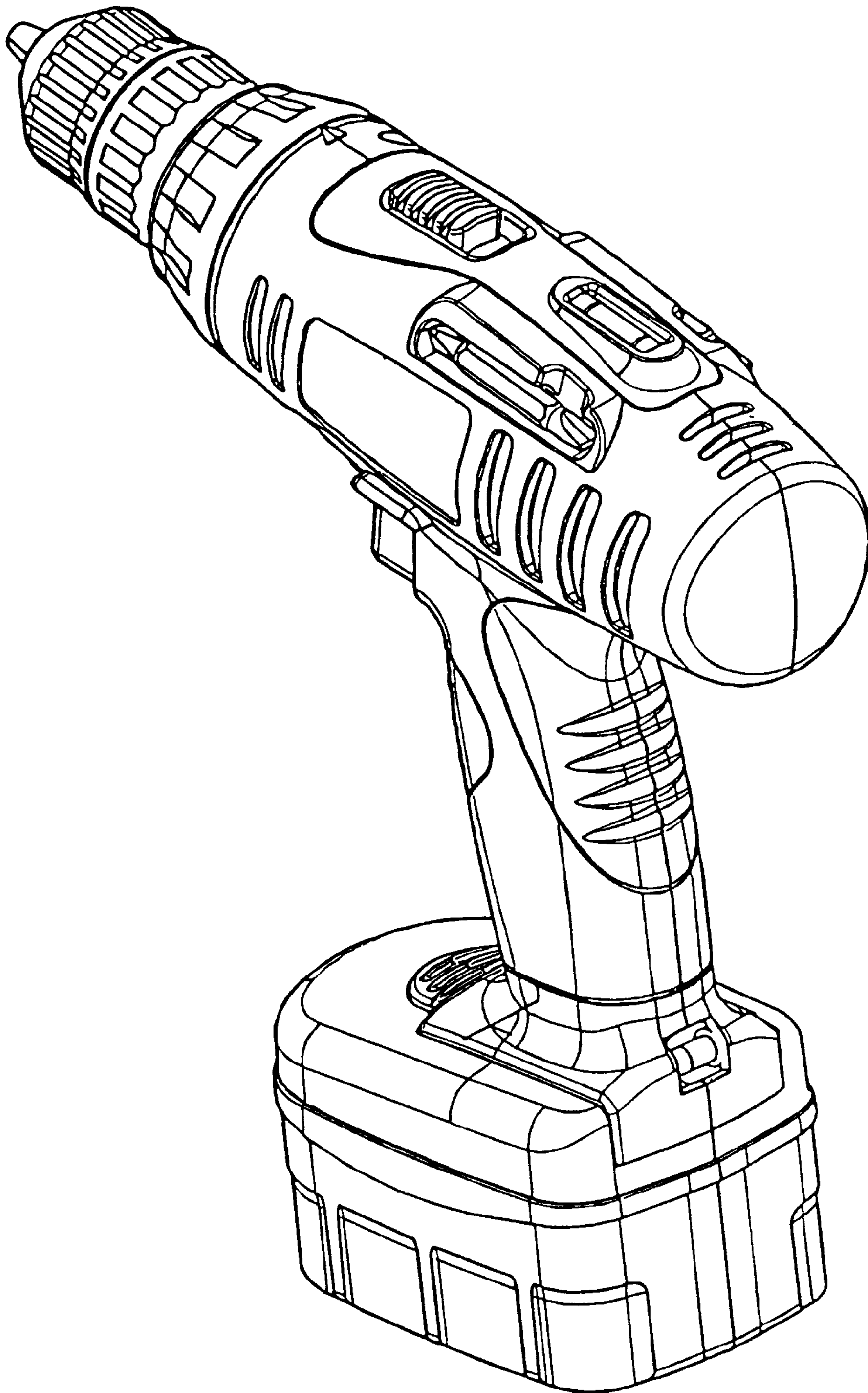


FIG. 2

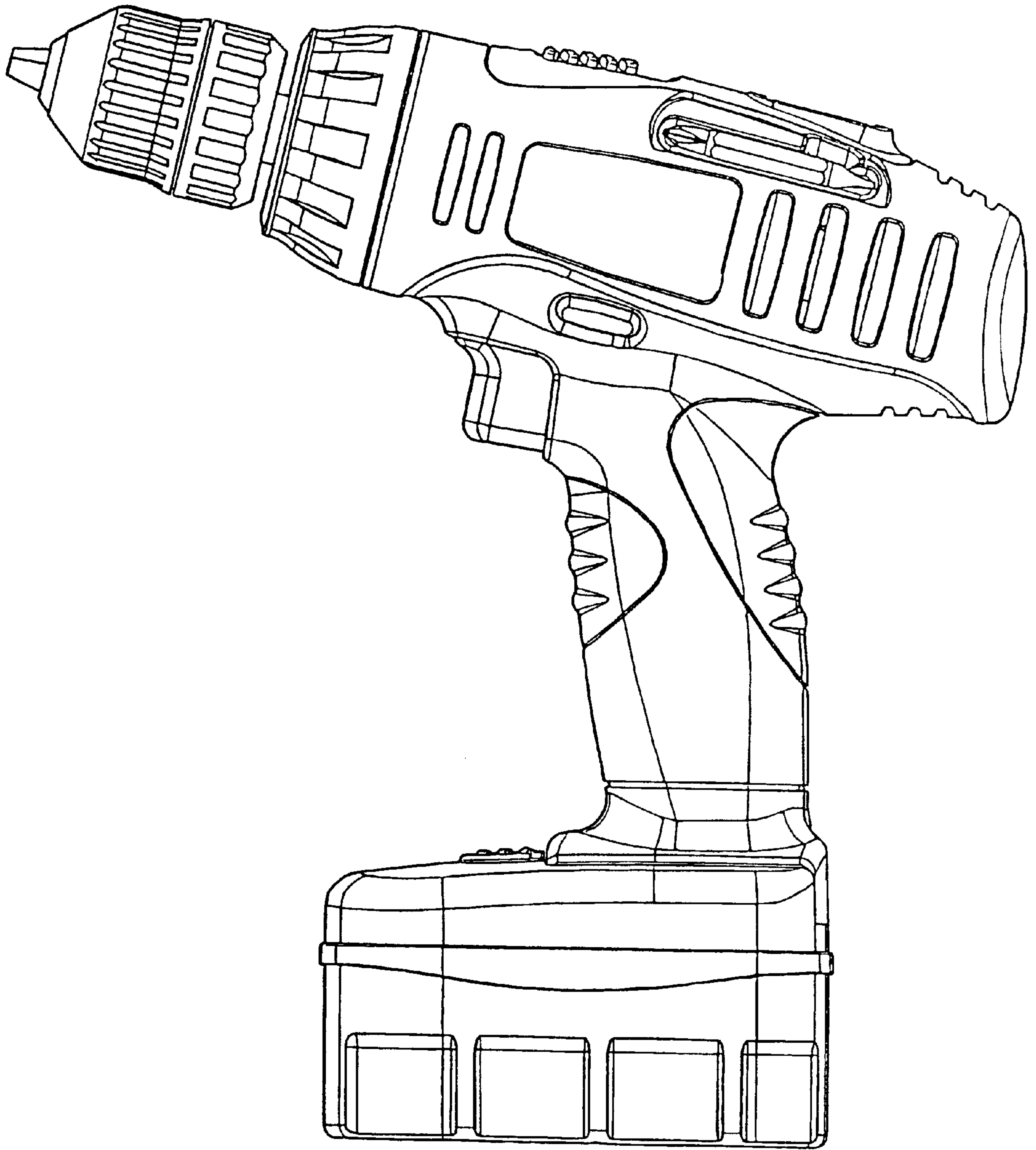


FIG. 3

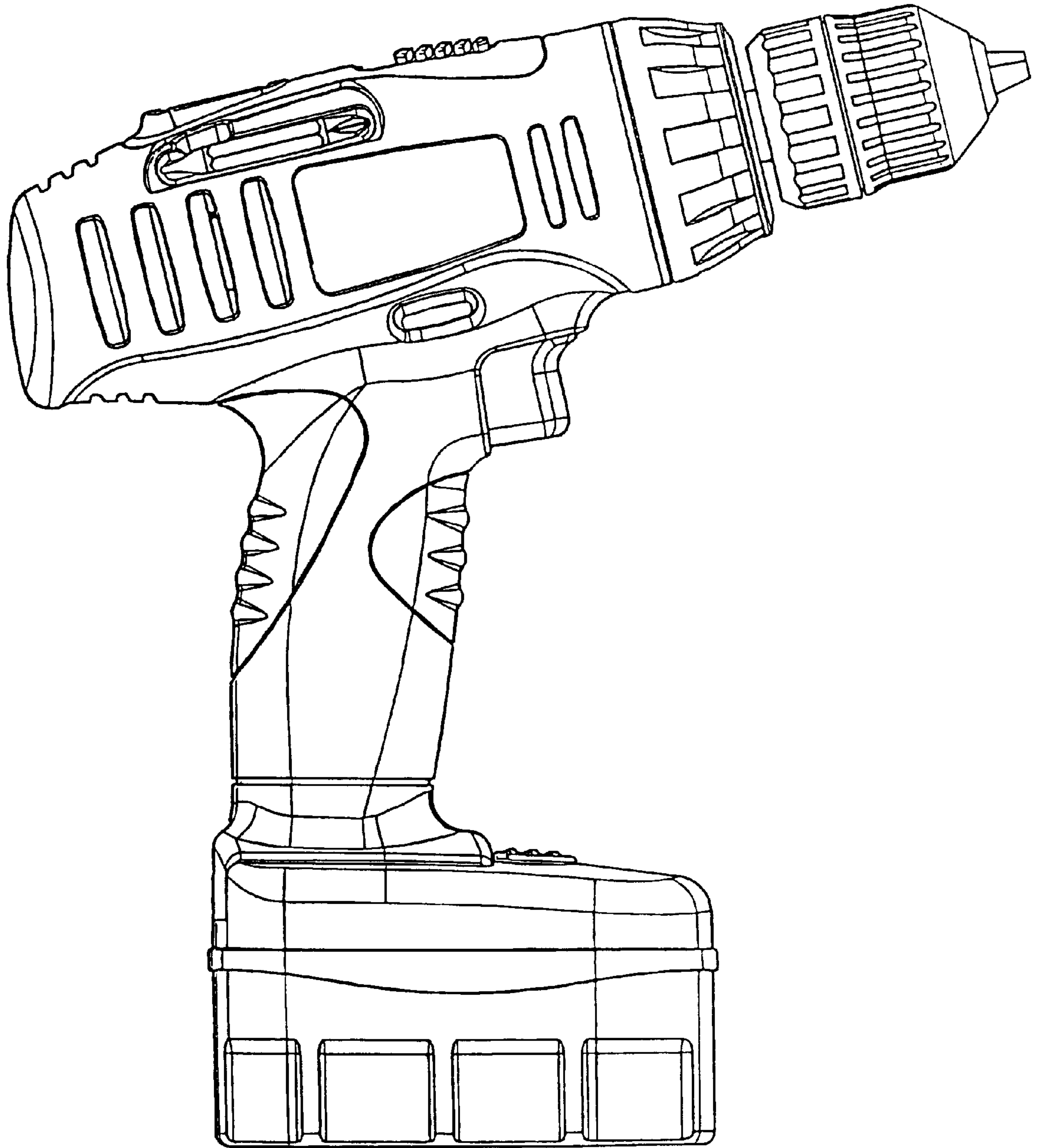


FIG. 4

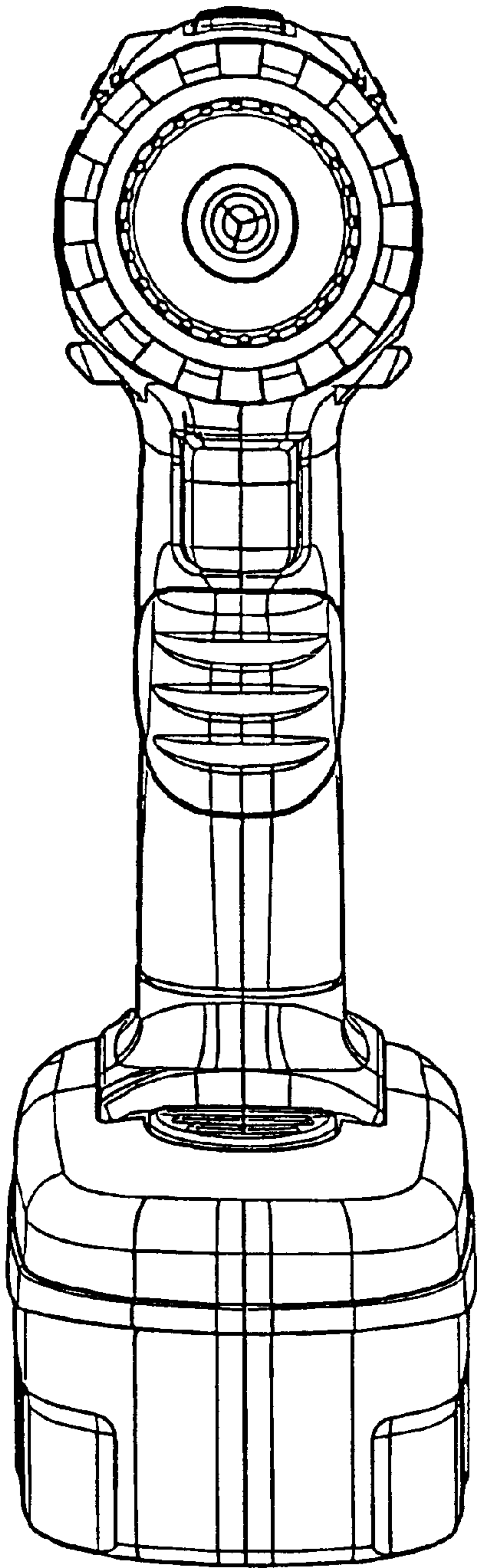


FIG. 5

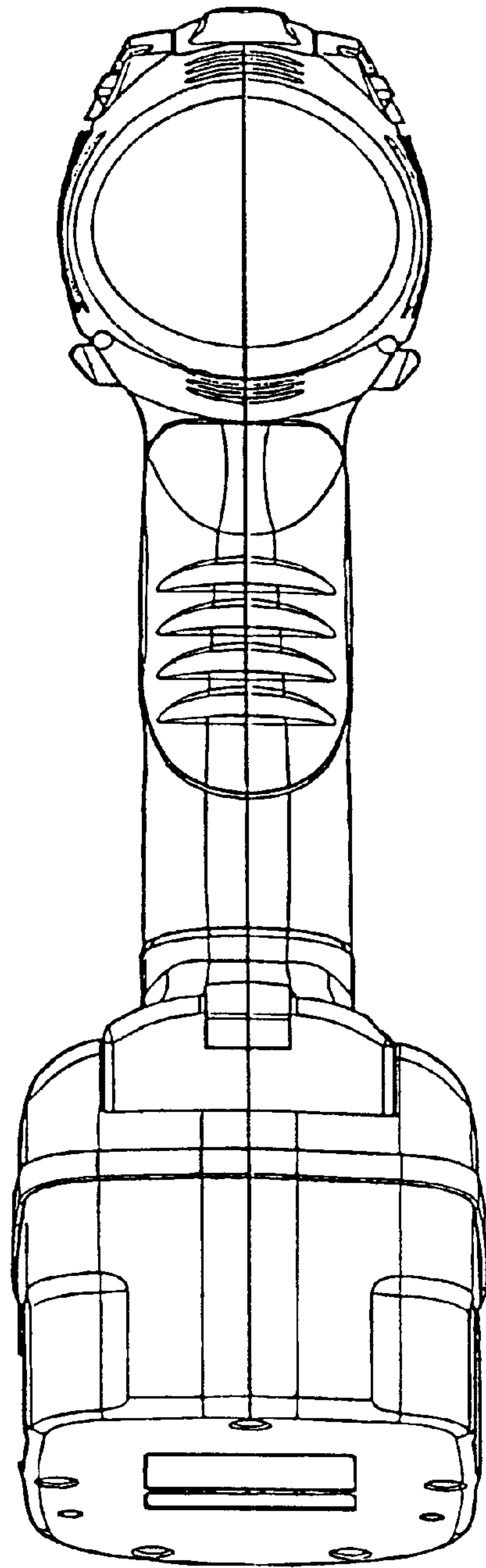


FIG. 6

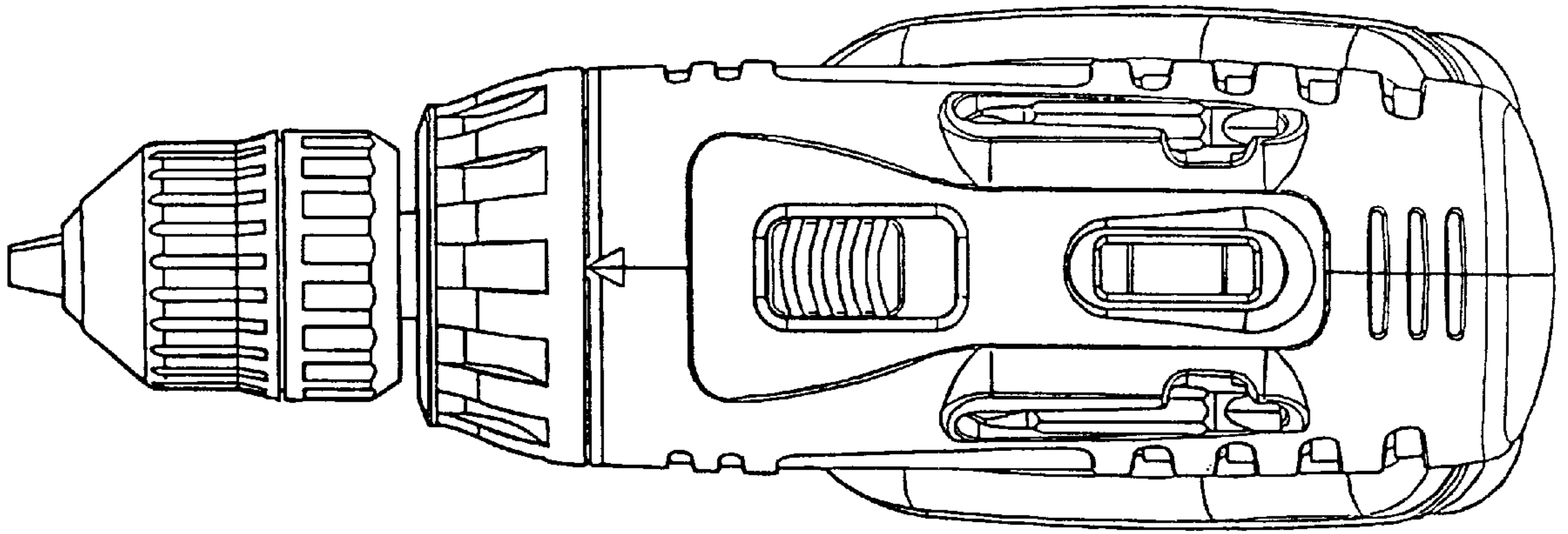


FIG. 7

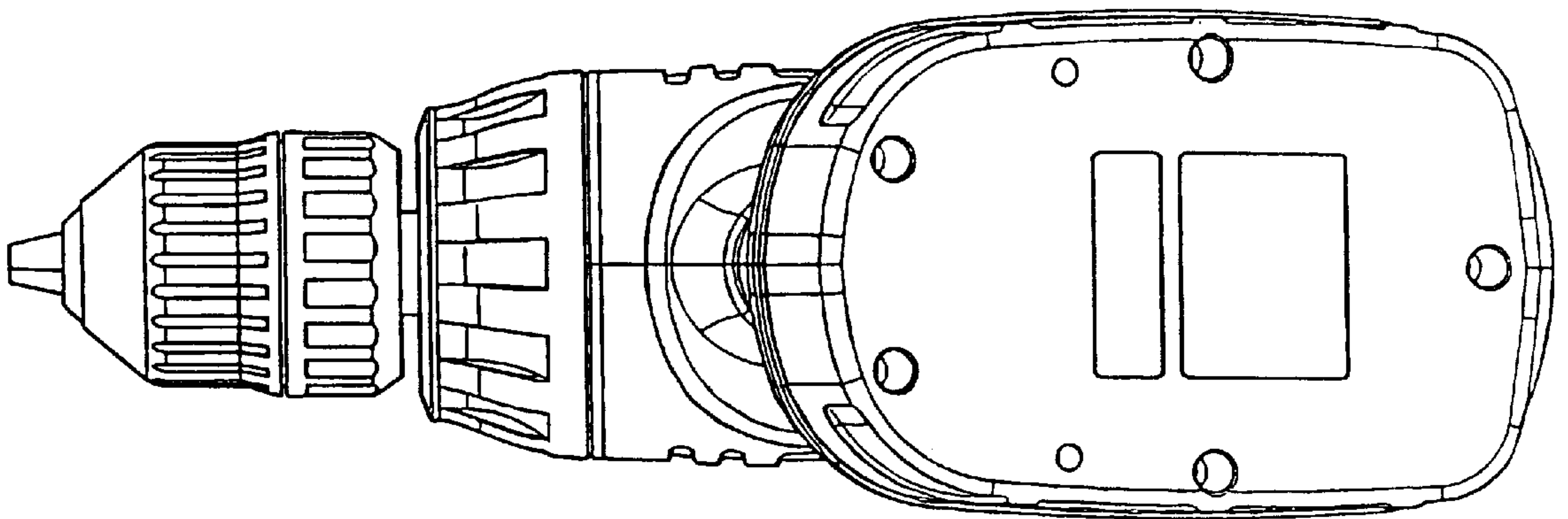


FIG. 8