



US00D470028S

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

(10) **Patent No.:** **US D470,028 S**

(45) **Date of Patent:** **\*\* Feb. 11, 2003**

(54) **DRILL**

(75) **Inventor:** **Vincent P. Cooper**, Baltimore, MD  
(US)

(73) **Assignee:** **Black & Decker Inc.**, Newark, DE  
(US)

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

(21) **Appl. No.:** **29/163,317**

(22) **Filed:** **Jul. 2, 2002**

(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**

|             |   |         |                  |       |        |
|-------------|---|---------|------------------|-------|--------|
| 4,190,781 A | * | 2/1980  | Sauerwein et al. | ..... | 310/50 |
| D314,698 S  | * | 2/1991  | Zurwelle         | ..... | D8/68  |
| D326,400 S  |   | 5/1992  | Fushiya et al.   |       |        |
| D332,208 S  | * | 1/1993  | Sakamoto et al.  | ..... | D8/68  |
| D333,960 S  | * | 3/1993  | Somers           | ..... | D8/68  |
| D339,727 S  |   | 9/1993  | Kikuchi          |       |        |
| D340,393 S  | * | 10/1993 | Okumura          | ..... | D8/68  |
| D342,878 S  | * | 1/1994  | Watanabe         | ..... | D8/68  |
| D345,090 S  |   | 3/1994  | Okumura          |       |        |
| D384,262 S  | * | 9/1997  | Hayakawa et al.  | ..... | D8/68  |
| D396,395 S  | * | 7/1998  | Zurwelle         | ..... | D8/68  |
| D400,415 S  | * | 11/1998 | Zurwelle         | ..... | D8/68  |
| D400,416 S  | * | 11/1998 | Zurwelle         | ..... | D8/68  |

|            |   |         |                |       |       |
|------------|---|---------|----------------|-------|-------|
| D402,872 S | * | 12/1998 | Clowers et al. | ..... | D8/68 |
| D404,275 S | * | 1/1999  | Bunyea et al.  | ..... | D8/68 |
| D406,511 S | * | 3/1999  | Zurwelle       | ..... | D8/68 |
| D406,740 S | * | 3/1999  | Zurwelle       | ..... | D8/68 |
| D406,741 S | * | 3/1999  | Zurwelle       | ..... | D8/68 |
| D418,730 S | * | 1/2000  | Main           | ..... | D8/68 |
| D426,126 S | * | 6/2000  | Schultz        | ..... | D8/68 |
| D429,134 S |   | 8/2000  | Schultz et al. |       |       |
| D437,759 S |   | 2/2001  | Breit et al.   |       |       |
| D440,850 S |   | 4/2001  | Ozawa et al.   |       |       |
| D452,639 S | * | 1/2002  | Zurwelle       | ..... | D8/68 |

**OTHER PUBLICATIONS**

Drills, pp. 22-23, DeWalt Tool catalogue, c. 1998.\*

\* cited by examiner

*Primary Examiner*—Doris V. Coles

*Assistant Examiner*—T. Chase Nelson

(74) *Attorney, Agent, or Firm*—Bruce S. Shapiro; John D. DelPonti; Michael P. Leary

(57) **CLAIM**

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

**DESCRIPTION**

FIG. 1 is a perspective view of a drill showing my new design.

FIG. 2 is a left side elevational view thereof.

FIG. 3 is a right side elevational view thereof.

FIG. 4 is a front elevational view thereof.

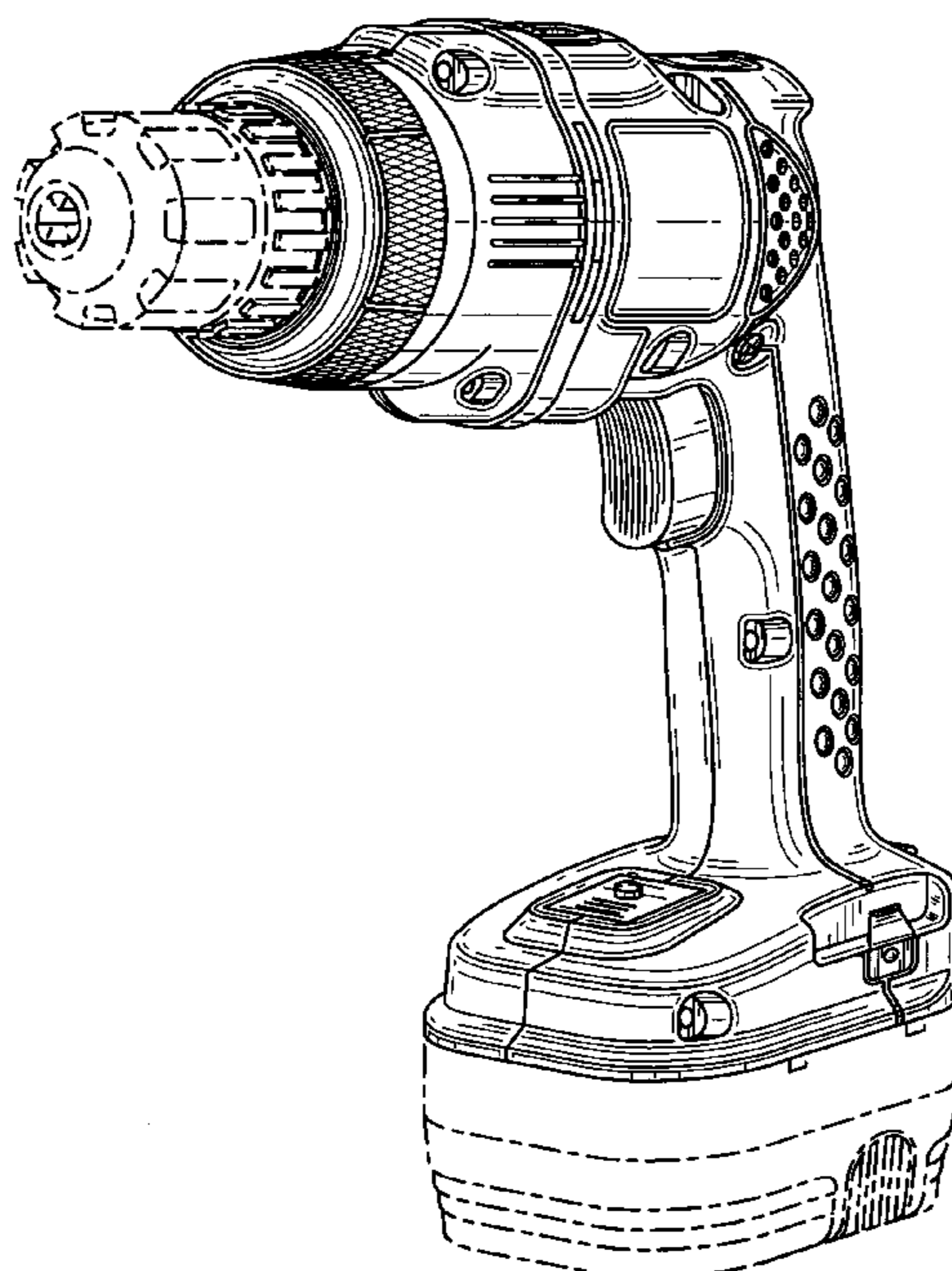
FIG. 5 is a rear elevational view thereof.

FIG. 6 is a top plan view thereof; and,

FIG. 7 is a bottom plan view thereof.

The broken line showing is for illustrative purposes only and forms no part of the claimed design.

**1 Claim, 7 Drawing Sheets**



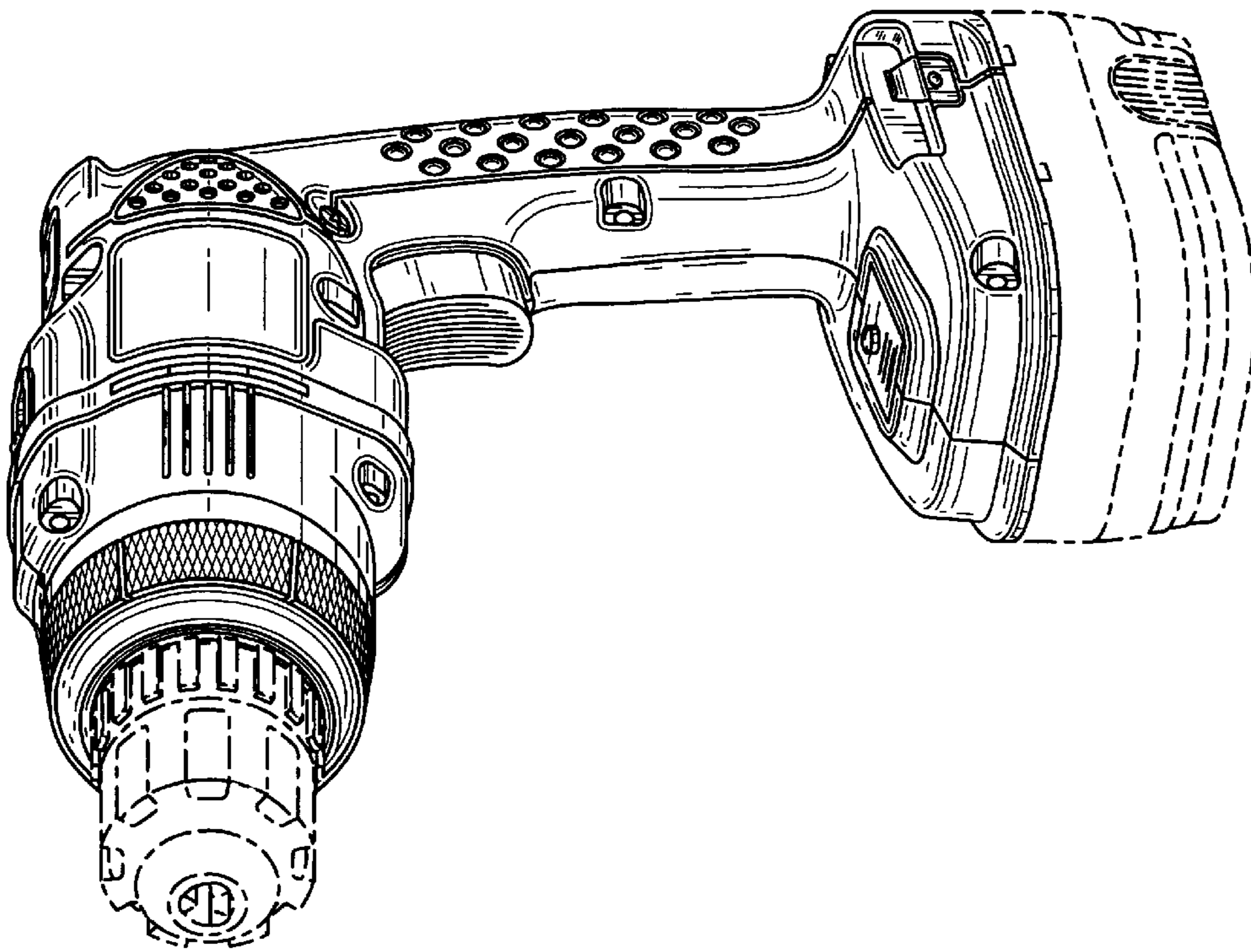


FIG. 1

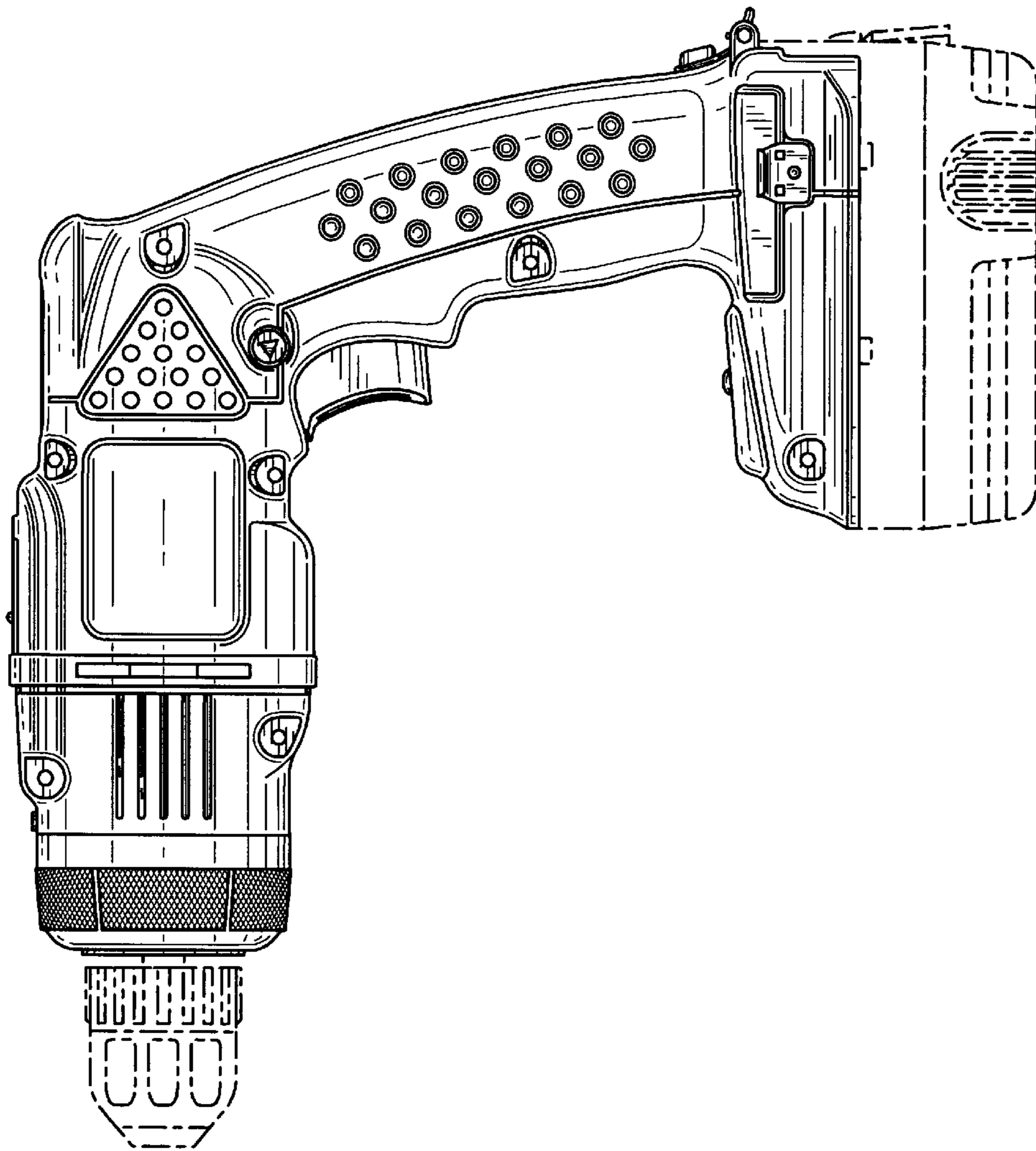


FIG. 2

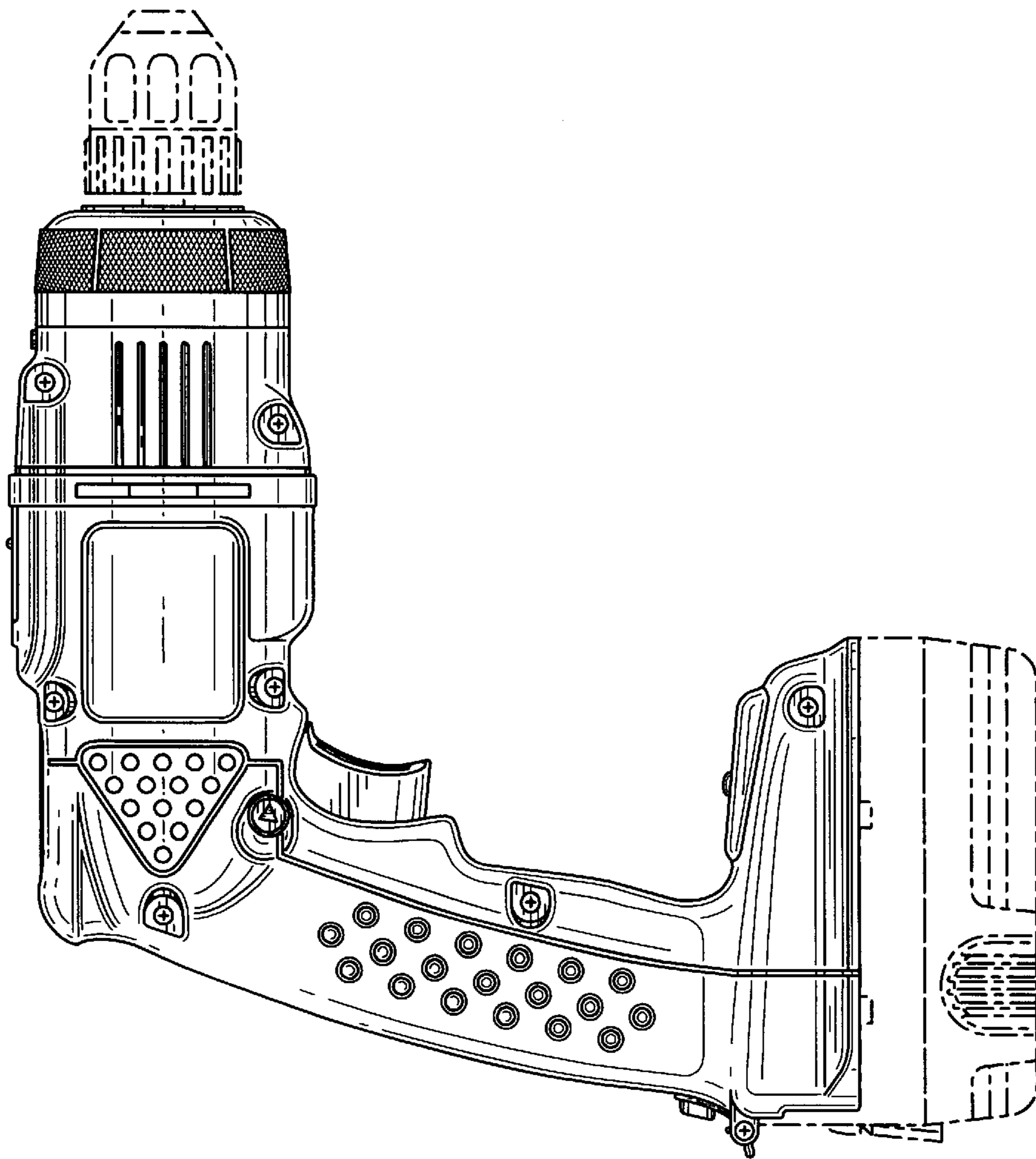


FIG. 3

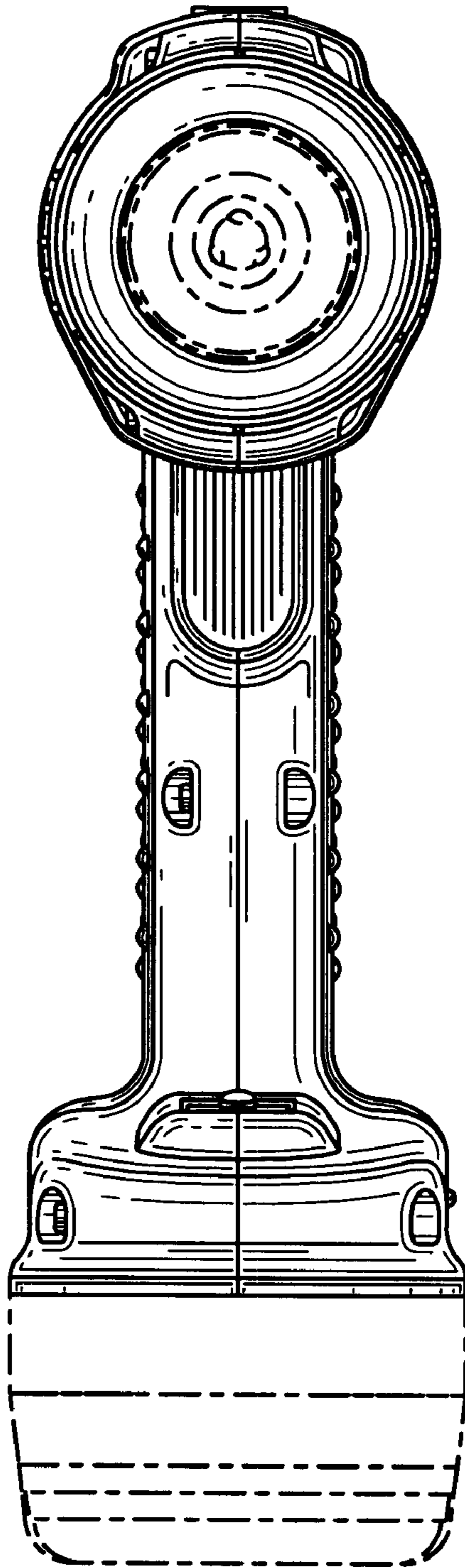


FIG. 4

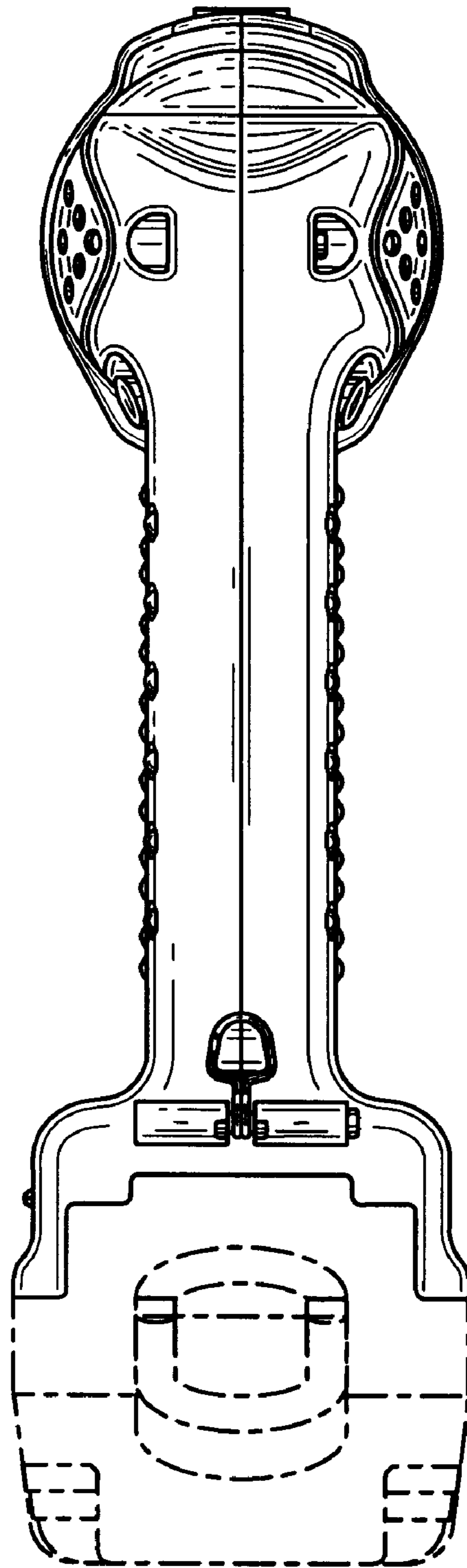


FIG. 5

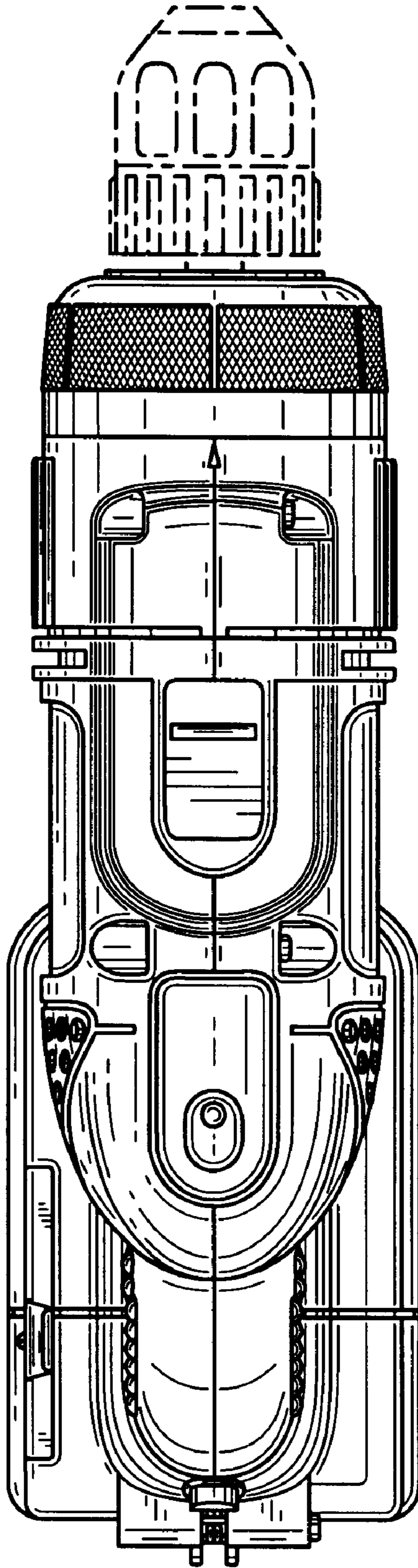


FIG. 6

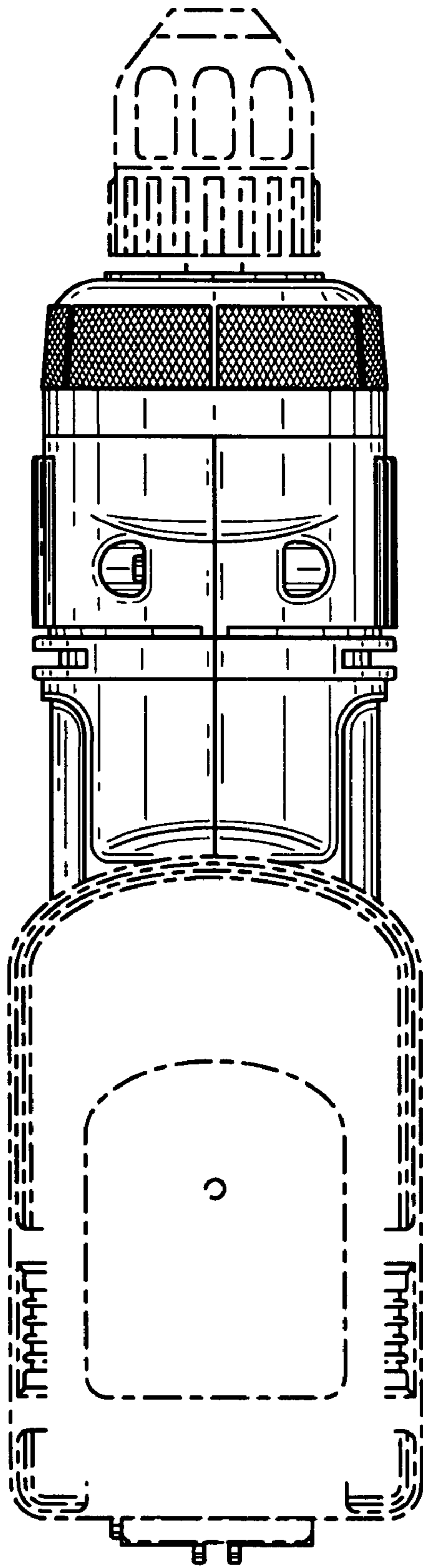


FIG. 7