

US00D467147S

# (12) United States Design Patent (10) Patent No.:

Watson (45) Date of Patent:

o) Patent No.: US D467,147 S
5) Date of Patent: \*\* Dec. 17, 2002

(54)	MULTI-PURPOSE DRILL/DRIVER								
(75)	Inventor: James B. Watson, Fallston, MD (US)								
(73)	Assignee:	Black & Decker Inc., Newark, DE (US)							
(**)	Term:	14 Years							
(21)	Appl. No.:	29/146,835							
(22)	Filed:	Aug. 16, 2001							
(51)	LOC (7)	Cl 08-05							
(52)	U.S. Cl	D8/68							
` ′	Field of Search								
` /	D8/64, 65, 66, 67, 68, 69, 70, 107; 29/243.525;								
74/371; 81/52, 54, 55, 57, 57.11, 57.13,									
57.14, 57.42, 57.43, 177.1, 177.4, 177.6,									
177.85, 409, 429, 436, 463, 464, 466, 474,									
		900, 901, DIG. 12; 173/13, 15, 47, 48,							
		90, 91, 92, 93, 93.5, 93.6, 109, 112, 122,							
		164, 169, 170, 171, 176, 213, 216, 217;							
		227/51, 81, 138; 279/9.1, 19.3, 62, 137,							
	142	, 147, 149, 158; 310/50; 320/114; 408/20,							
		120, 122, 124, 125, 234, 241 R, 241 S,							

D362,167	S		9/1995	Zurwelle
D368,009	S		3/1996	Zurwelle
D368,214	S		3/1996	Zurwelle
D377,442	$\mathbf{S}$		1/1997	Kikuchi
D378,268	S		3/1997	Schultz
D382,457	S		8/1997	Ghode et al.
D384,639	S		10/1997	Kawakami et al.
D386,662	S		11/1997	Tozawa et al.
D387,728	S		12/1997	Kawakami et al.
D392,530	S		3/1998	Lui
D402,871	S		12/1998	Clowers et al.
D402,872	S		12/1998	Clowers et al.
D412,485	S		8/1999	Kato et al.
D417,648	S		12/1999	Clowers et al.
D419,413	S		1/2000	Heun
D420,877	S		2/2000	Schultz
D420,879	S		2/2000	Watson et al.
D421,883	$\mathbf{S}$		3/2000	Watson et al.
D424,902	S	*	5/2000	Gildersleeve et al D8/68
D428,320	S		7/2000	Ohi et al.
D431,766	S	*	10/2000	Zurwelle
D432,077	S		10/2000	Zurwelle et al.
D435,013	S		12/2000	Clowers et al.
D435,414	S		12/2000	Etter et al.
D436,511	S		1/2001	Hayakawa et al.
D437,759	S		2/2001	Breit et al.
D440,850	S		4/2001	Ozawa et al.
6,308,378	<b>B</b> 1	*	10/2001	Mooty et al 8/177.1

# (56) References Cited

## U.S. PATENT DOCUMENTS

D300,502	S	4/1989	Schultz
D300,503	S	4/1989	Schultz
D300,717	S	4/1989	Hasegawa et al.
D303,347	S	9/1989	Somers
D313,391	S	1/1991	Pudwill
D314,498	S	2/1991	Hoshino et al.
D314,698	S	2/1991	Zurwelle
D315,282	S	3/1991	Schmidt et al.
4,998,589	A	3/1991	Wiesendanger
D316,021	S	4/1991	Bunyea
5,083,620	A	1/1992	Fushiya et al.
D332,208	S	1/1993	Sakamoto et al.
D339,727	S	9/1993	Kikuchi
D340,394	S	10/1993	Okumura
D359.215	S	6/1995	Zurwelle

#### OTHER PUBLICATIONS

Black & Decker Firestorm High Performance Cordless Tools; Form No. LCPC99; 1999; cover page, pp. 5–8 and 17–22.

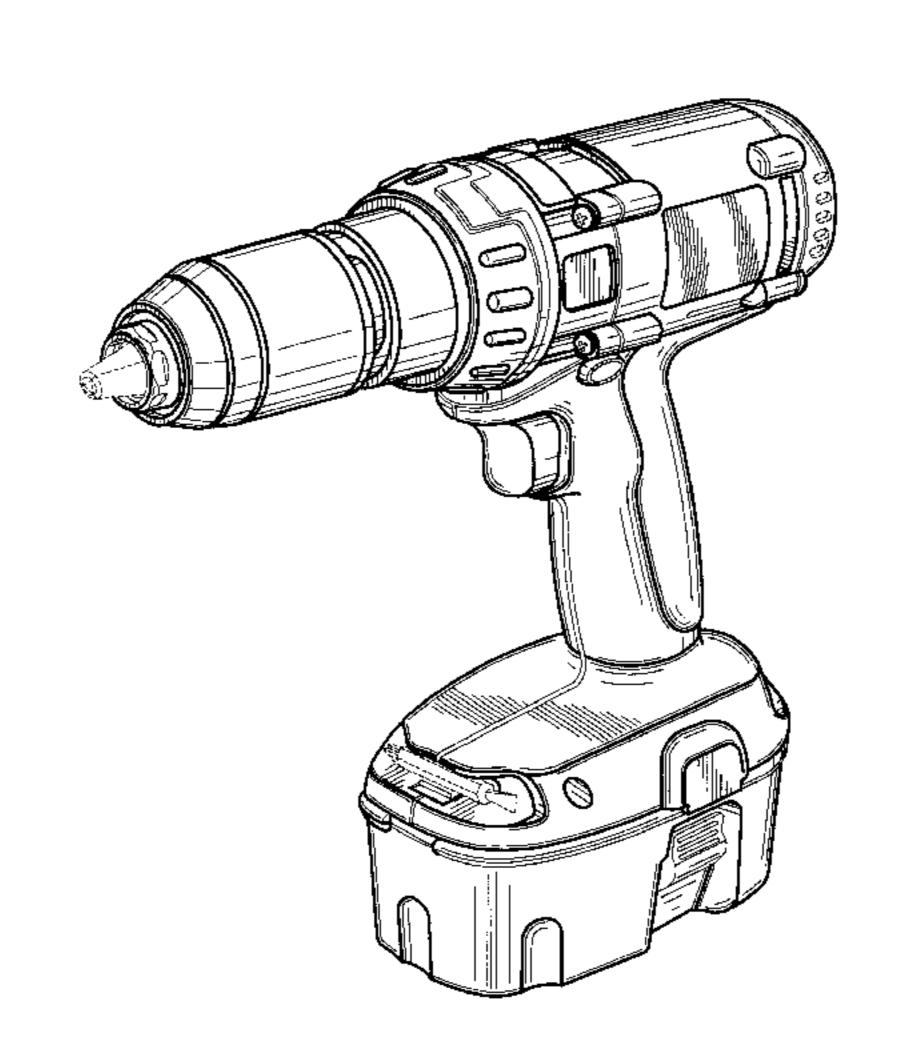
DeWalt High Performance Industrial Tools & Accessories Guaranteed Tough; Form No. LDWMC00 (Rev. 9/00); 2000; cover page, pp. 12–13, 17–18, 21–22, 25–26, 29–31, 37–39 and 42.

DeWalt High Performance Industrial Tools & Accessories 1996 Power Tools & Accessories Catalog; Form No. LDWC96; 1996; cover page and pp. 9–34.

DeWalt High Performance Industrial Tools & Accessories 1995 Power Tools & Accessories Catalog; Form No. LDWC95; 1995; cover page and pp. 10, 25 and 41.

DeWalt High Performance Industrial Tools & Accessores; Form No. 12847; 1992 DeWalt Industrial Tool Co.; 1992; cover page and pp. 6–8, 11–12 and 15–16.

\* cited by examiner



451

Primary Examiner—Doris V. Coles
Assistant Examiner—T. Chase Nelson
(74) Attorney, Agent, or Firm—Harness, Dickey & Pierce,
P.L.C.

# (57) CLAIM

The ornamental design for a multi-purpose drill/driver, as shown and described.

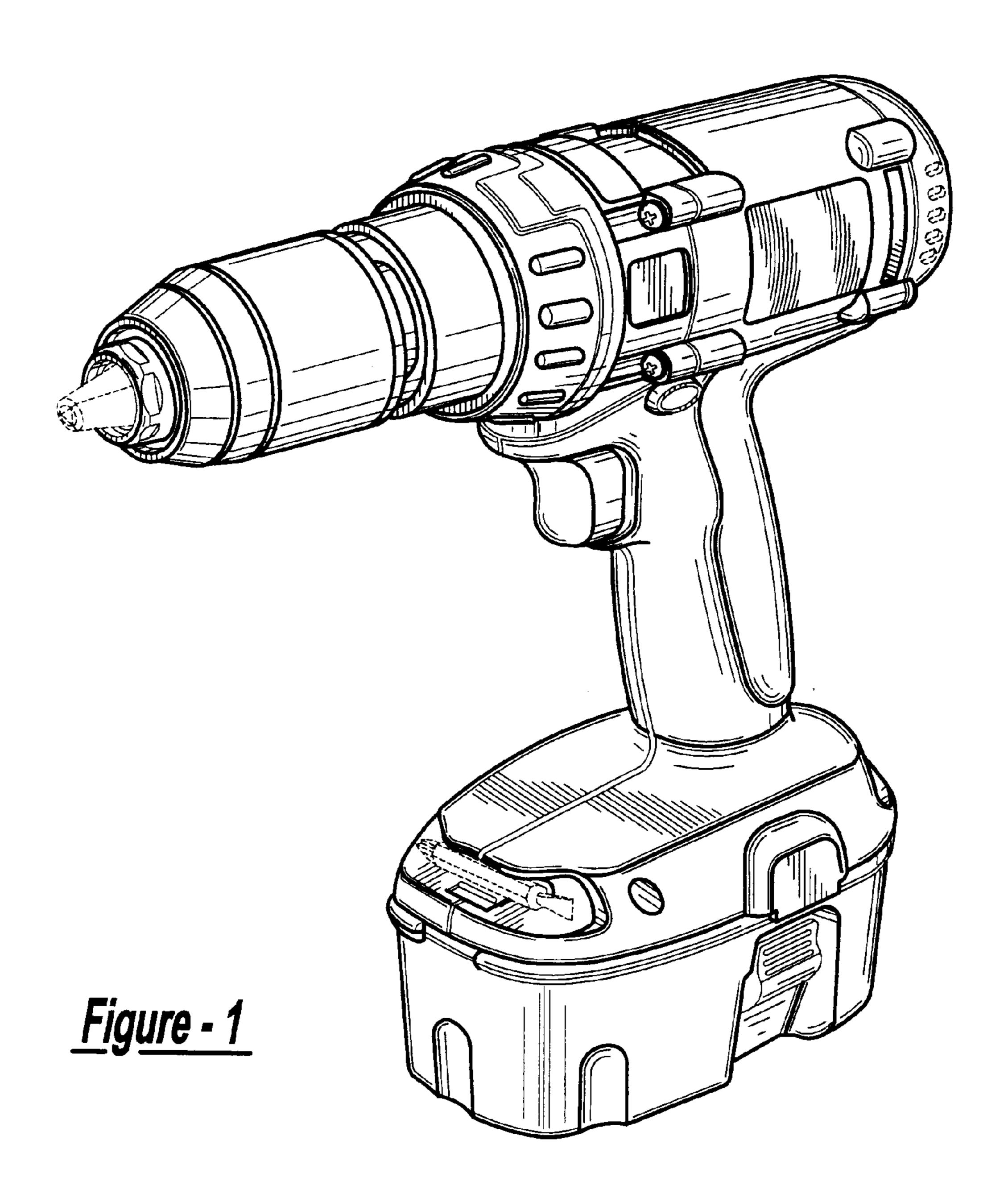
#### **DESCRIPTION**

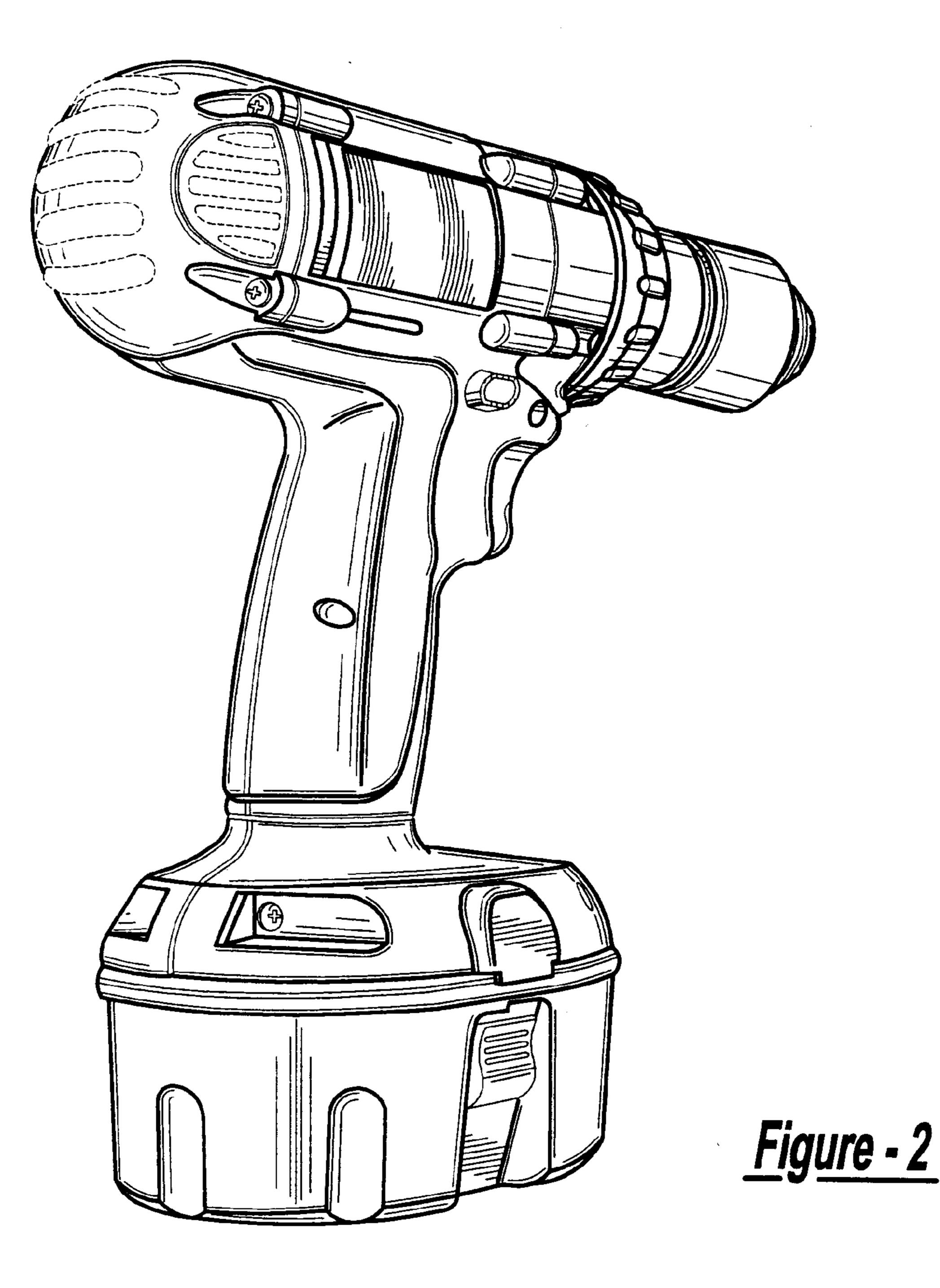
- FIG. 1 is a front perspective view of the multi-purpose drill/driver in accordance with a first embodiment of the present invention;
- FIG. 2 is a rear perspective view of the first embodiment of the present invention;
- FIG. 3 is a right side elevational view of the first embodiment of the present invention;
- FIG. 4 is a left side elevational view of the first embodiment of the present invention;
- FIG. 5 is a front elevational view of the first embodiment of the present invention;
- FIG. 6 is a rear elevational view of the first embodiment of the present invention;
- FIG. 7 is a top plan view of the first embodiment of the present invention;
- FIG. 8 is a bottom plan view of the first embodiment of the present invention;
- FIG. 9 is a front perspective view of the multi-purpose drill/driver in accordance with a second embodiment of the present invention;
- FIG. 10 is a rear perspective view of the second preferred embodiment of the present invention;
- FIG. 11 is a right side elevational view of the second preferred embodiment of the present invention;

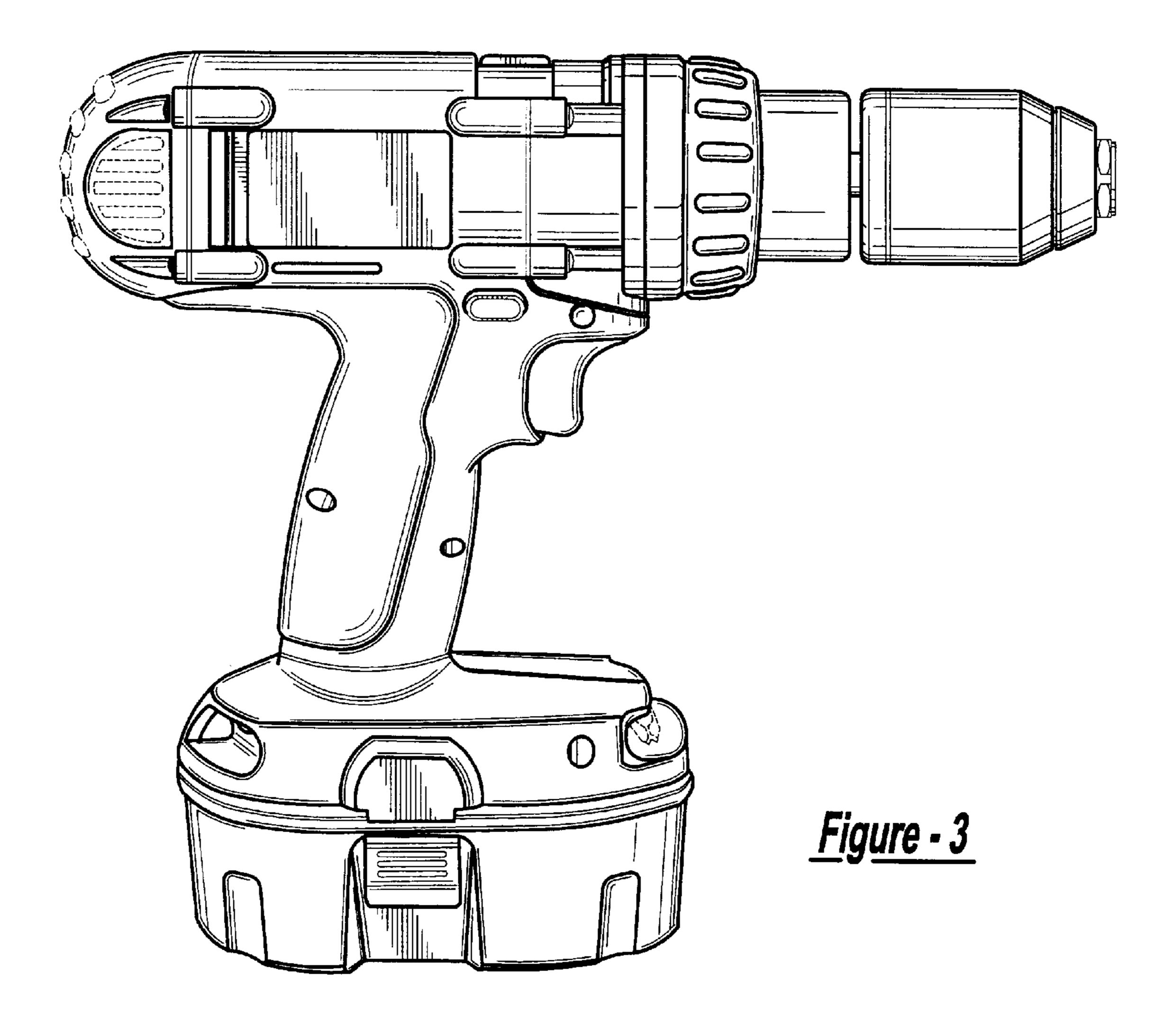
- FIG. 12 is a left side elevational view of the second preferred embodiment of the present invention;
- FIG. 13 is a front elevational view of the second preferred embodiment of the present invention;
- FIG. 14 is a rear elevational view of the second preferred embodiment of the present invention;
- FIG. 15 is a top plan view of the second preferred embodiment of the present invention;
- FIG. 16 is a bottom plan view of the second preferred embodiment of the present invention;
- FIG. 17 is a front perspective view of the multi-purpose drill/driver in accordance with a third preferred embodiment of the present invention;
- FIG. 18 is a rear perspective view of the third preferred embodiment of the present invention;
- FIG. 19 is a right side elevational view of the third preferred embodiment of the present invention;
- FIG. 20 is a left side elevational view of the third preferred embodiment of the present invention;
- FIG. 21 is a front elevational view of the third preferred embodiment of the present invention;
- FIG. 22 is a rear elevational view of the third preferred embodiment of the present invention;
- FIG. 23 is a top plan view of the third preferred embodiment of the present invention; and,
- FIG. 24 is a bottom plan view of the third preferred embodiment of the present invention.

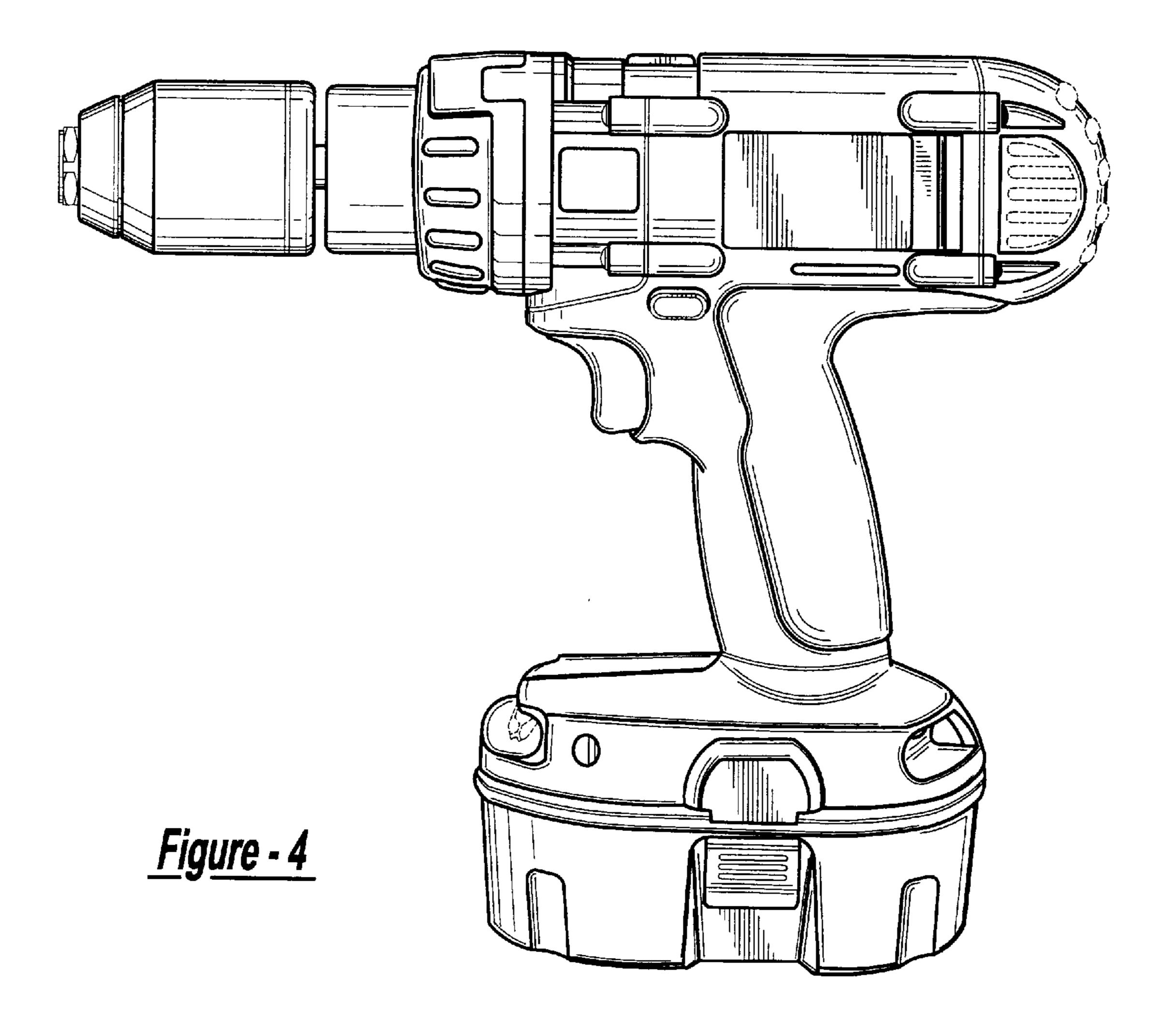
The use of broken lines in the figures described above are for illustrative purposes only and form no part of the claimed design.

### 1 Claim, 24 Drawing Sheets









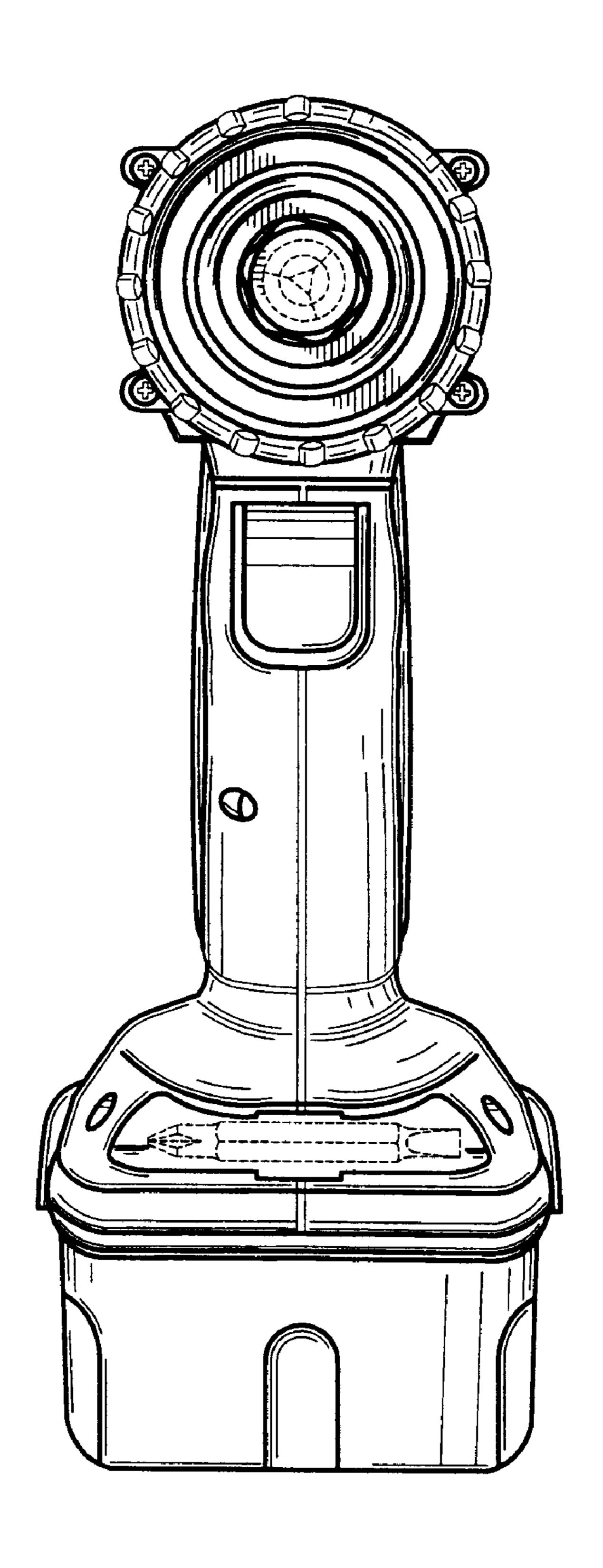


Figure - 5

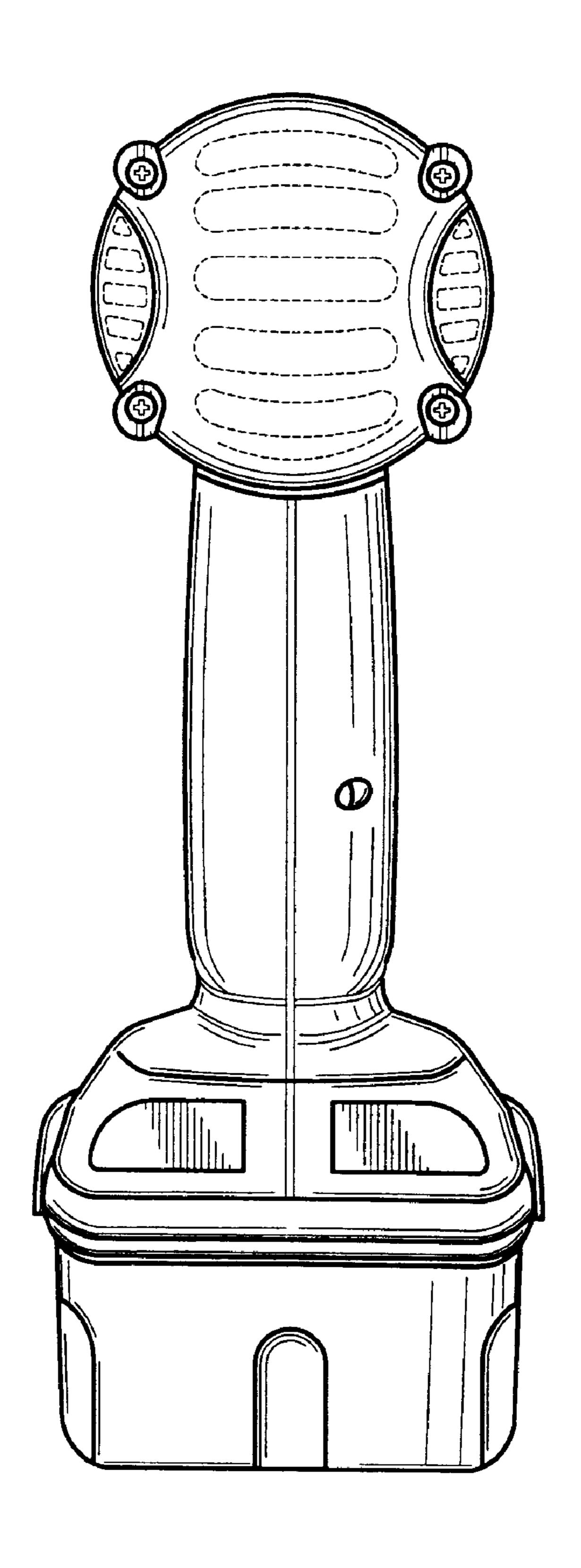
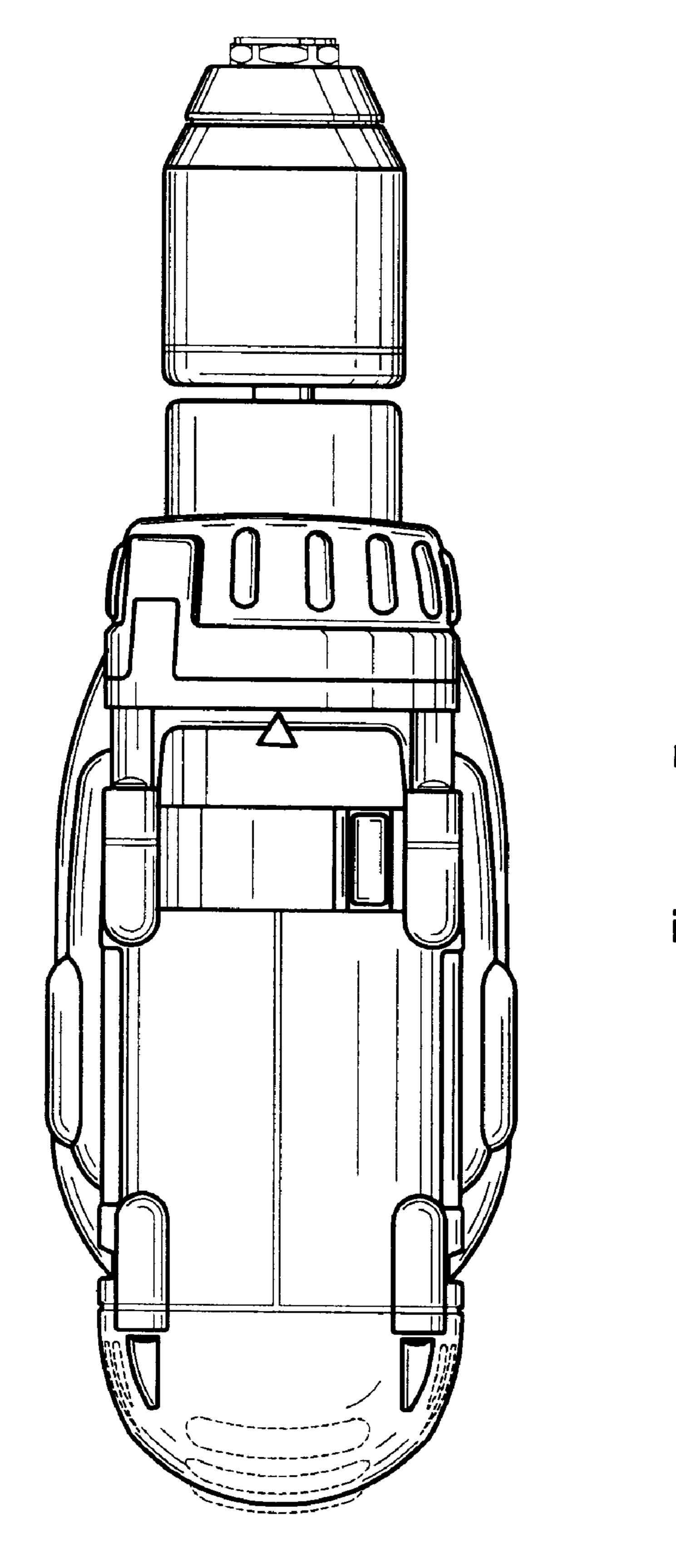
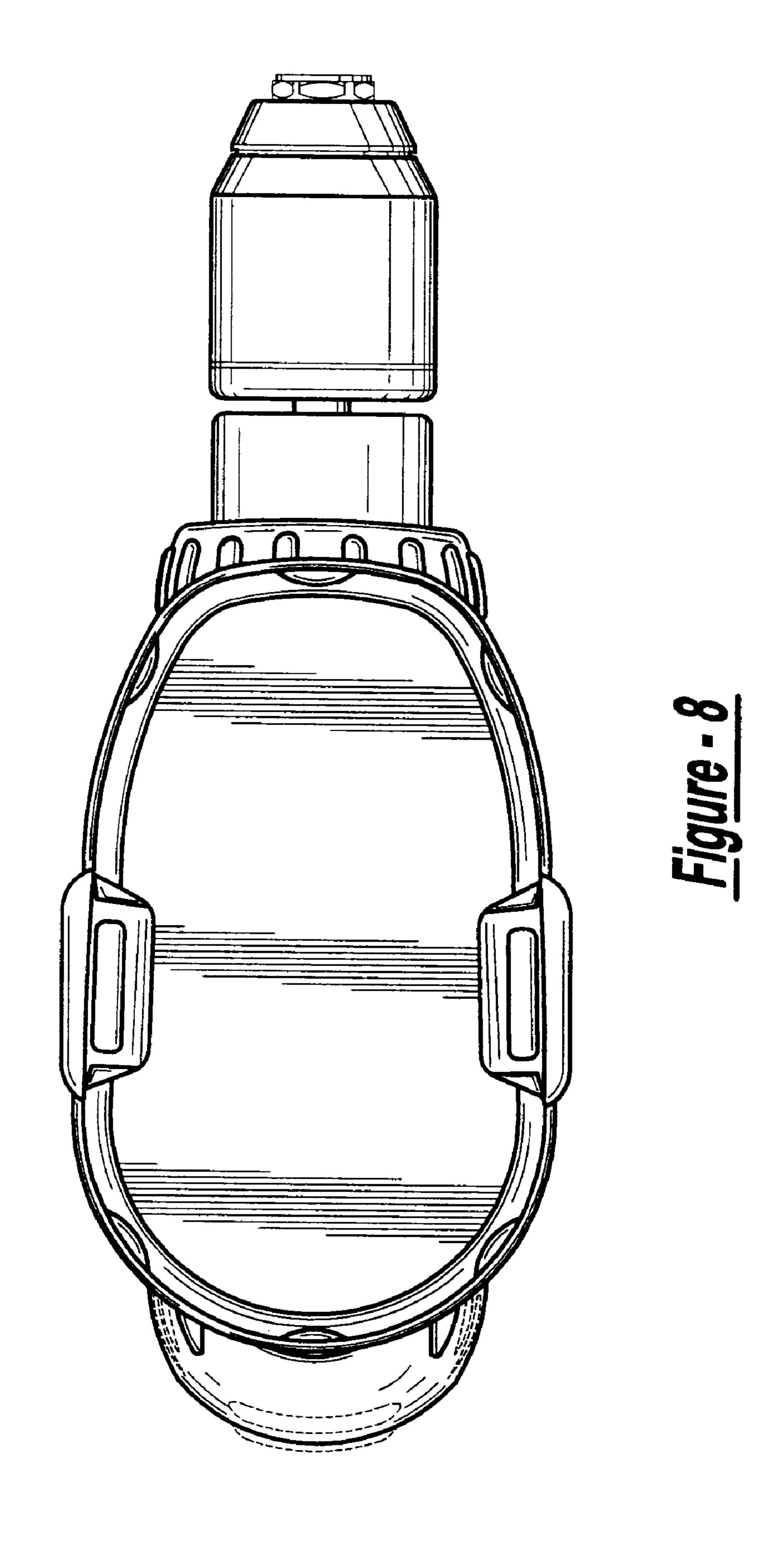
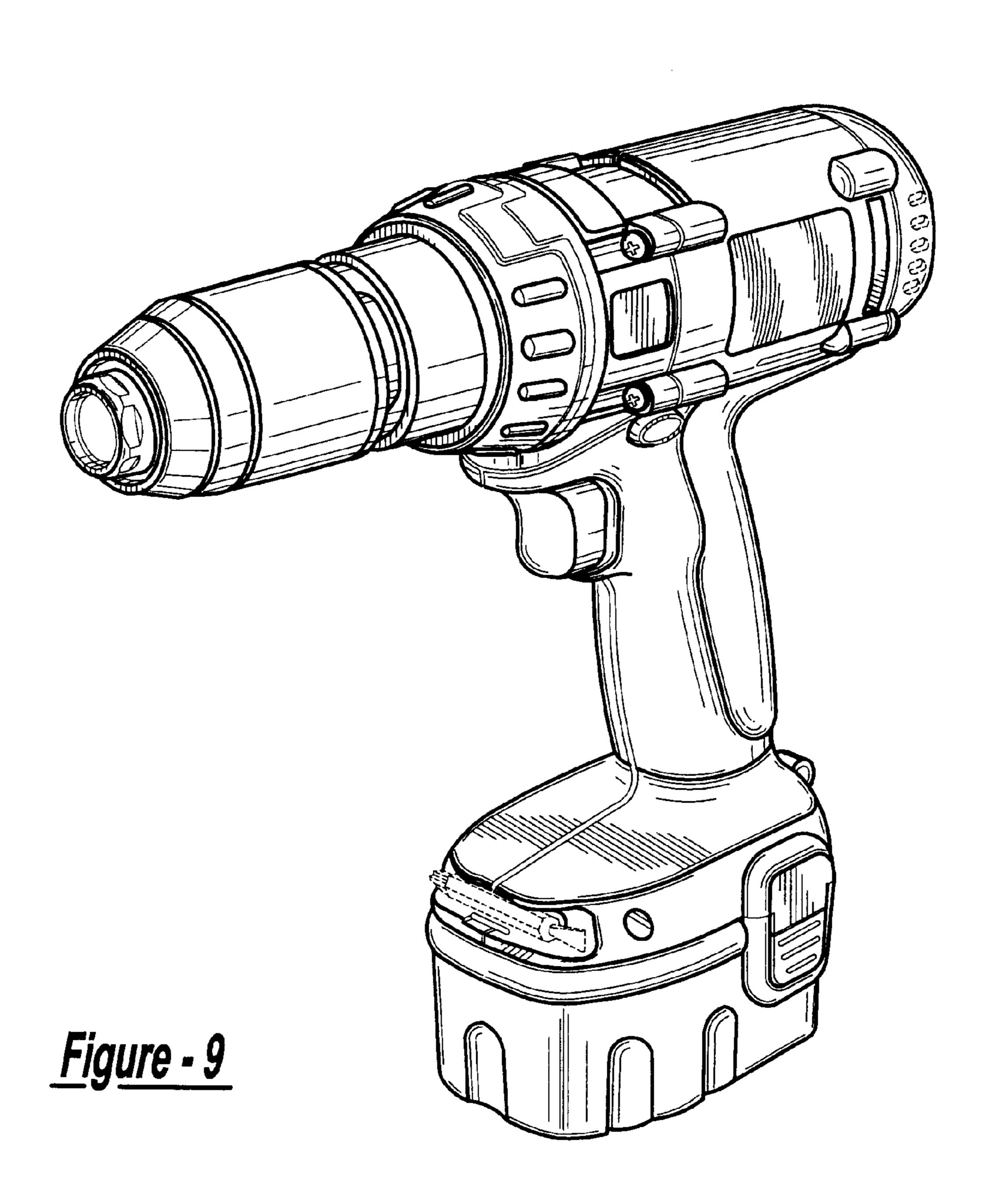


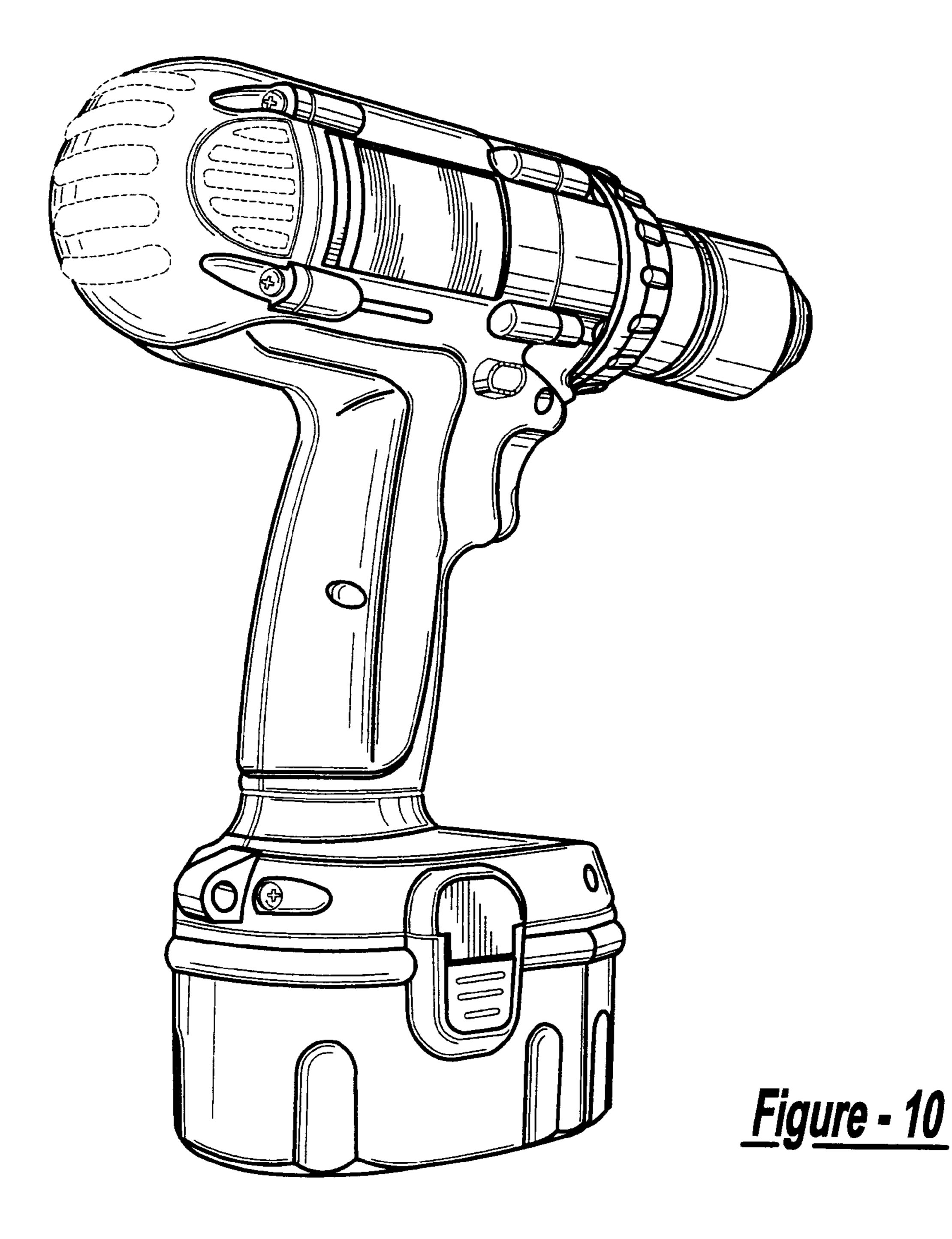
Figure - 6



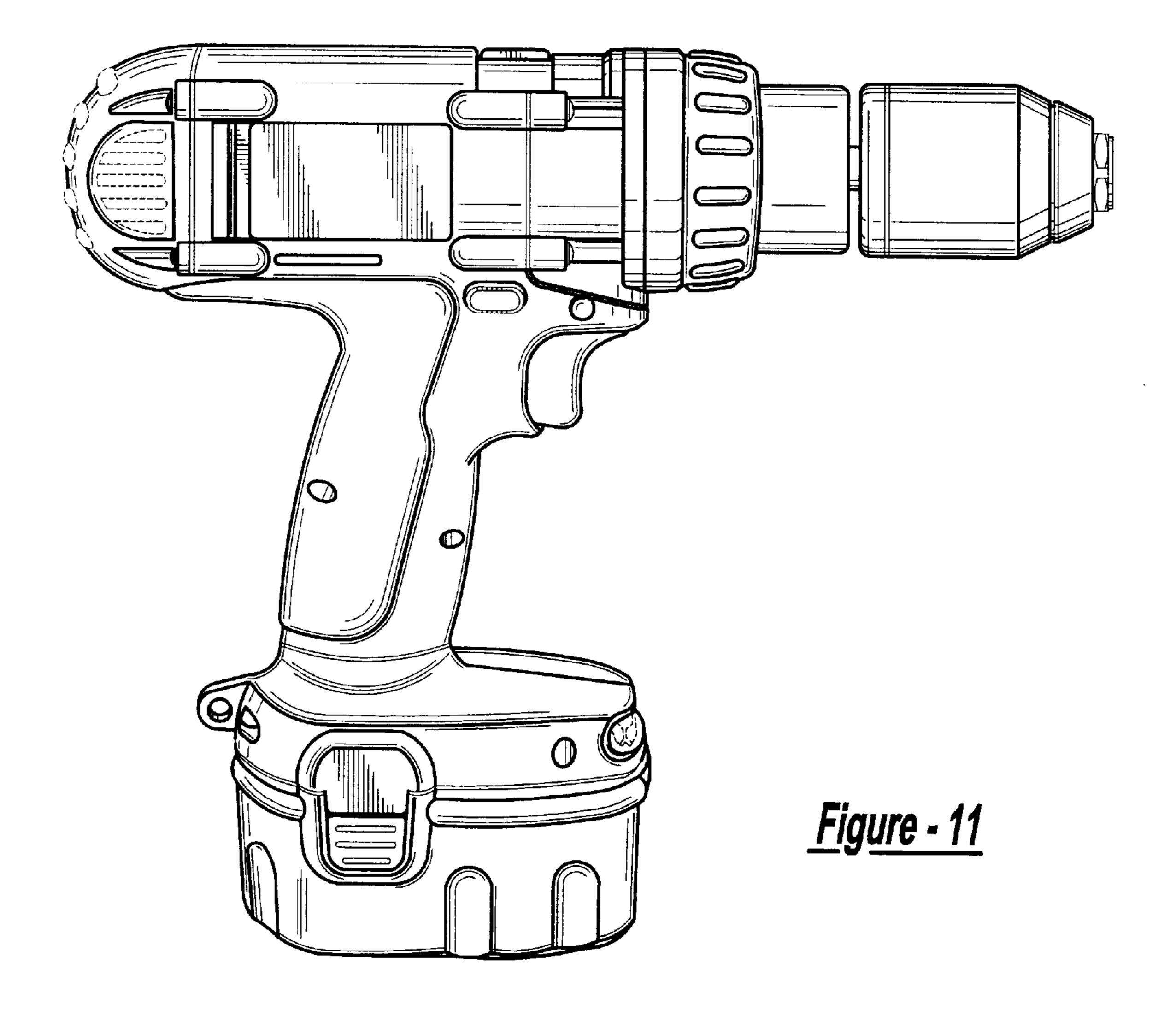
Ligue - /

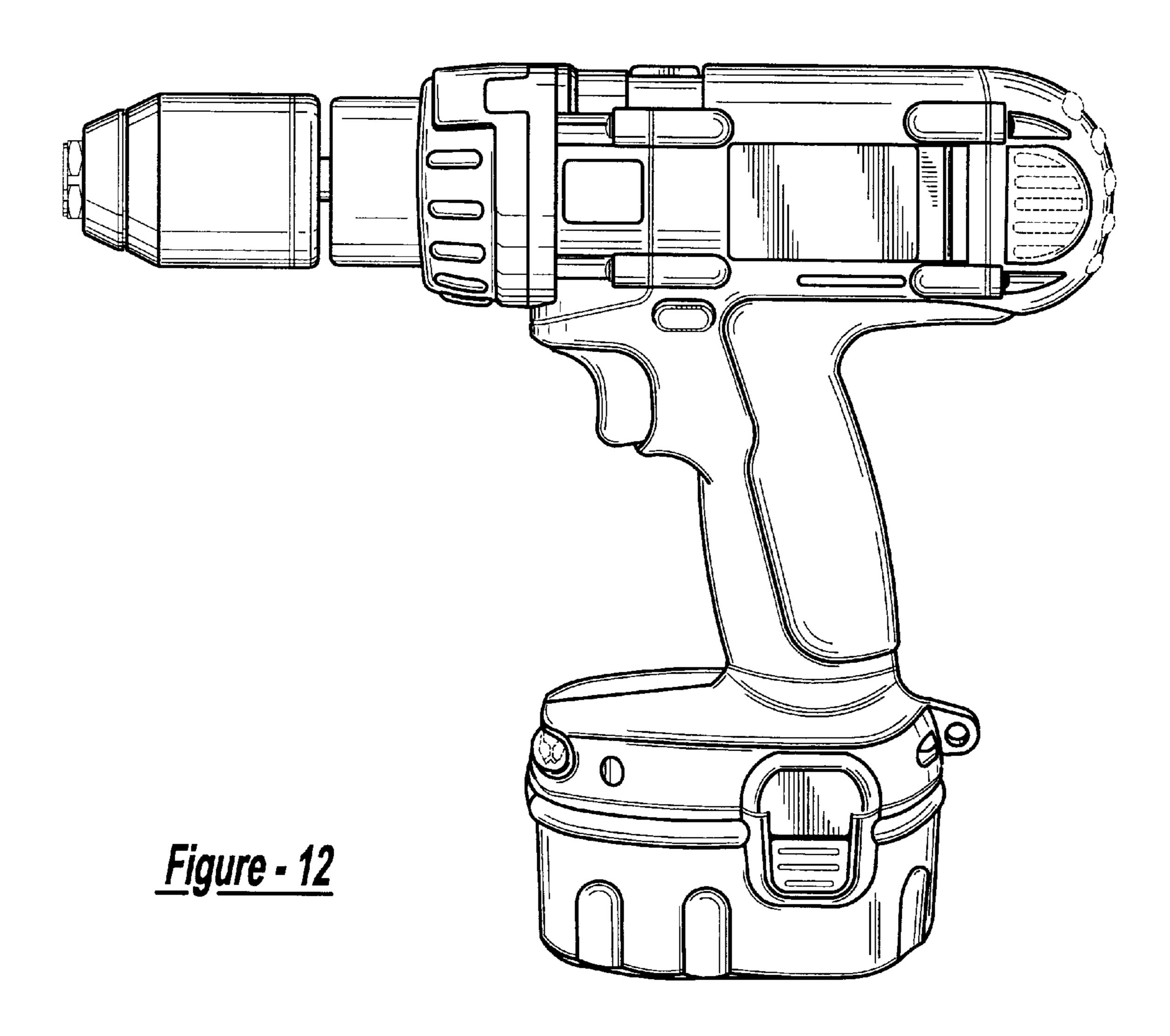






Dec. 17, 2002





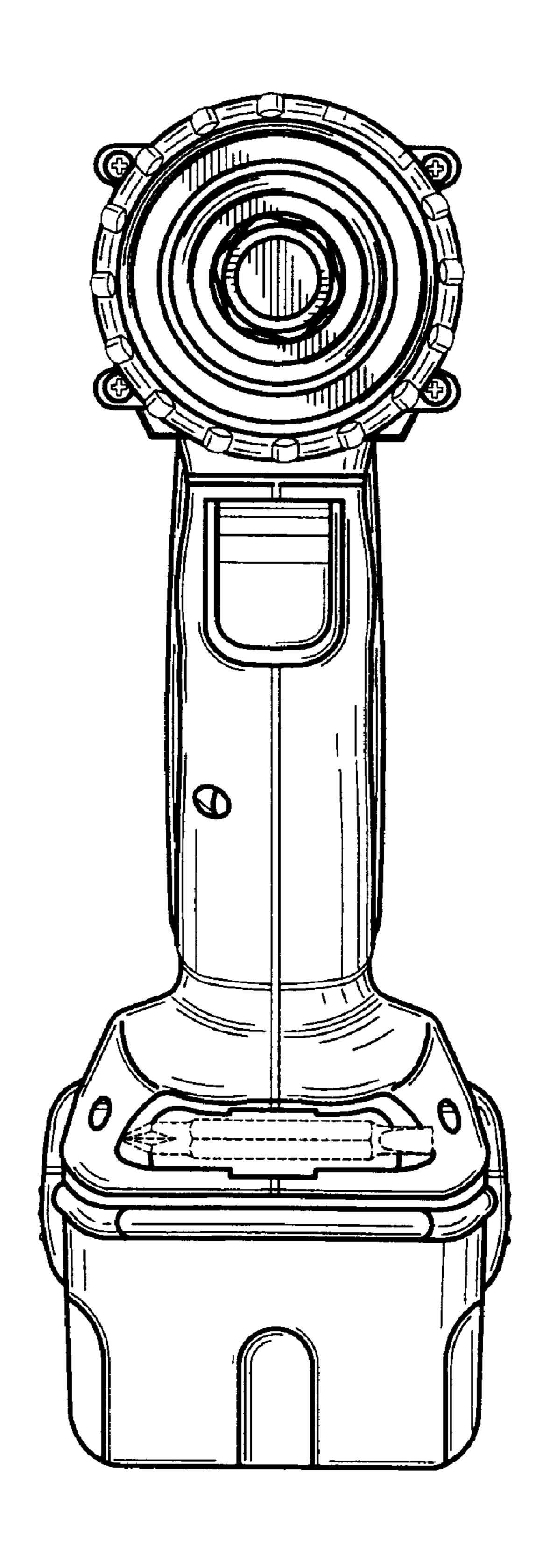


Figure - 13

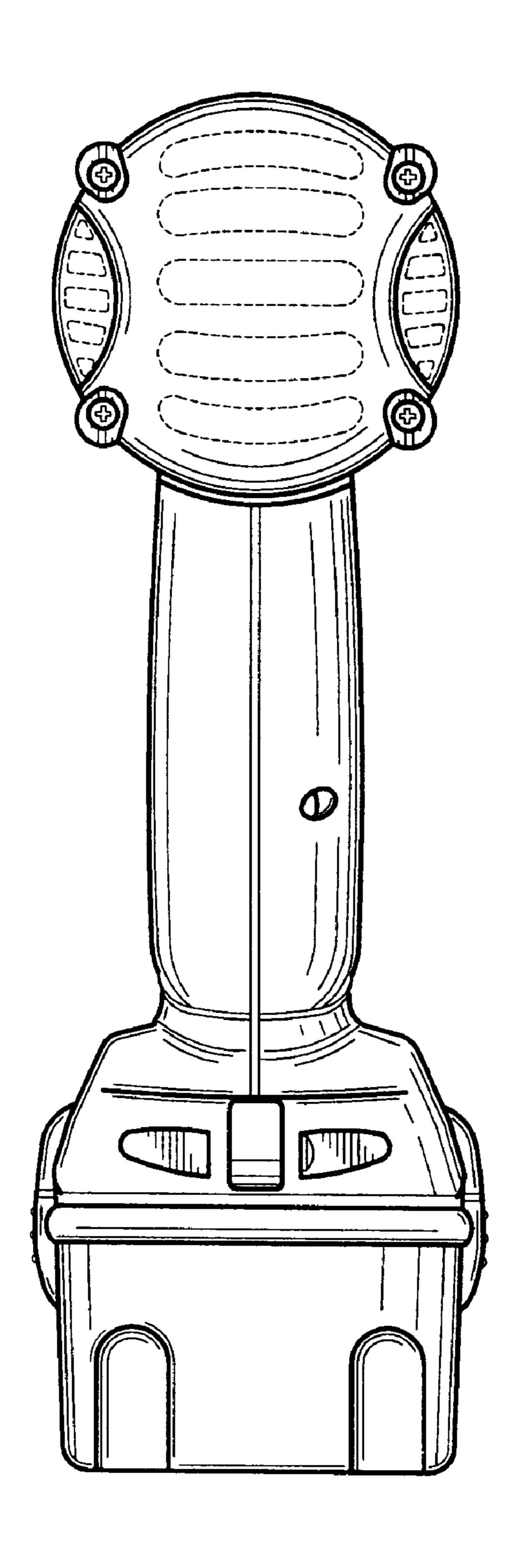
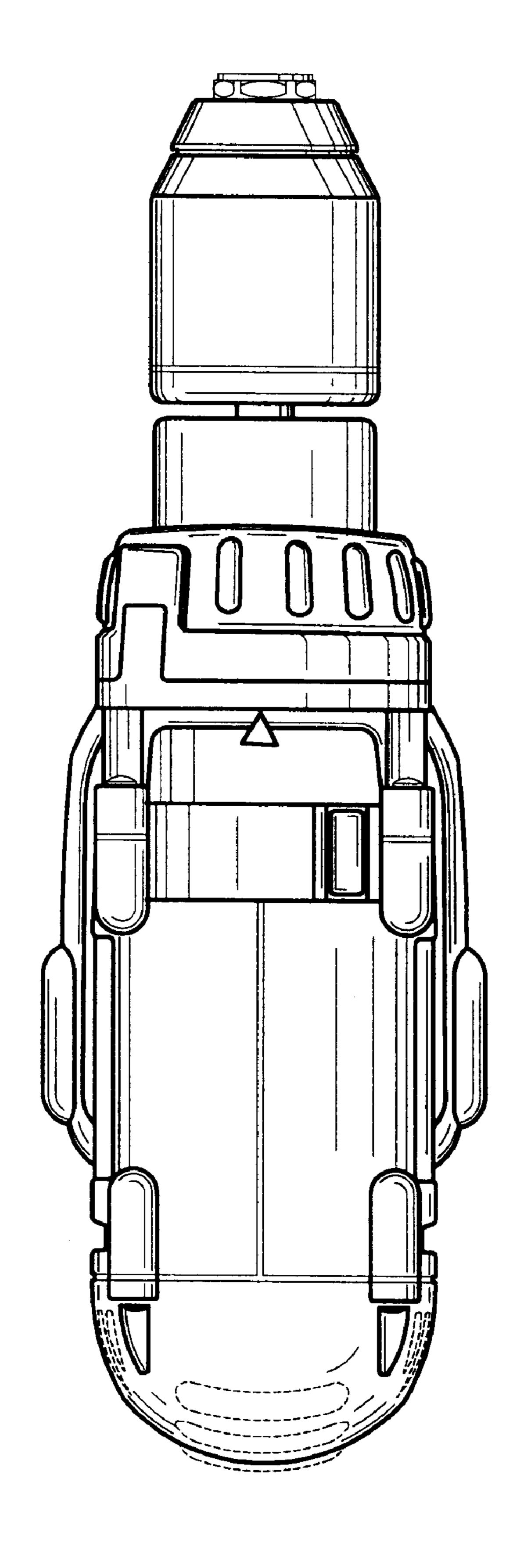
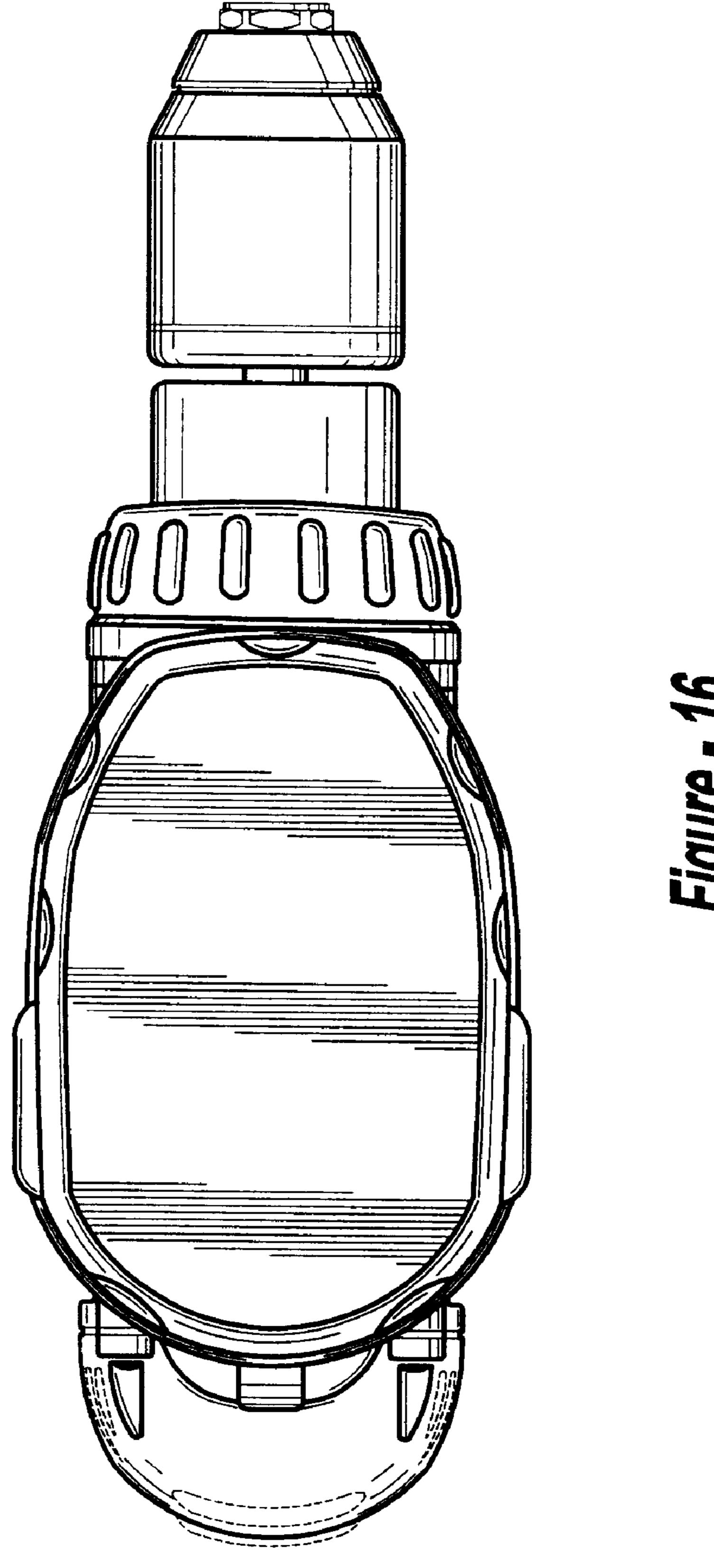
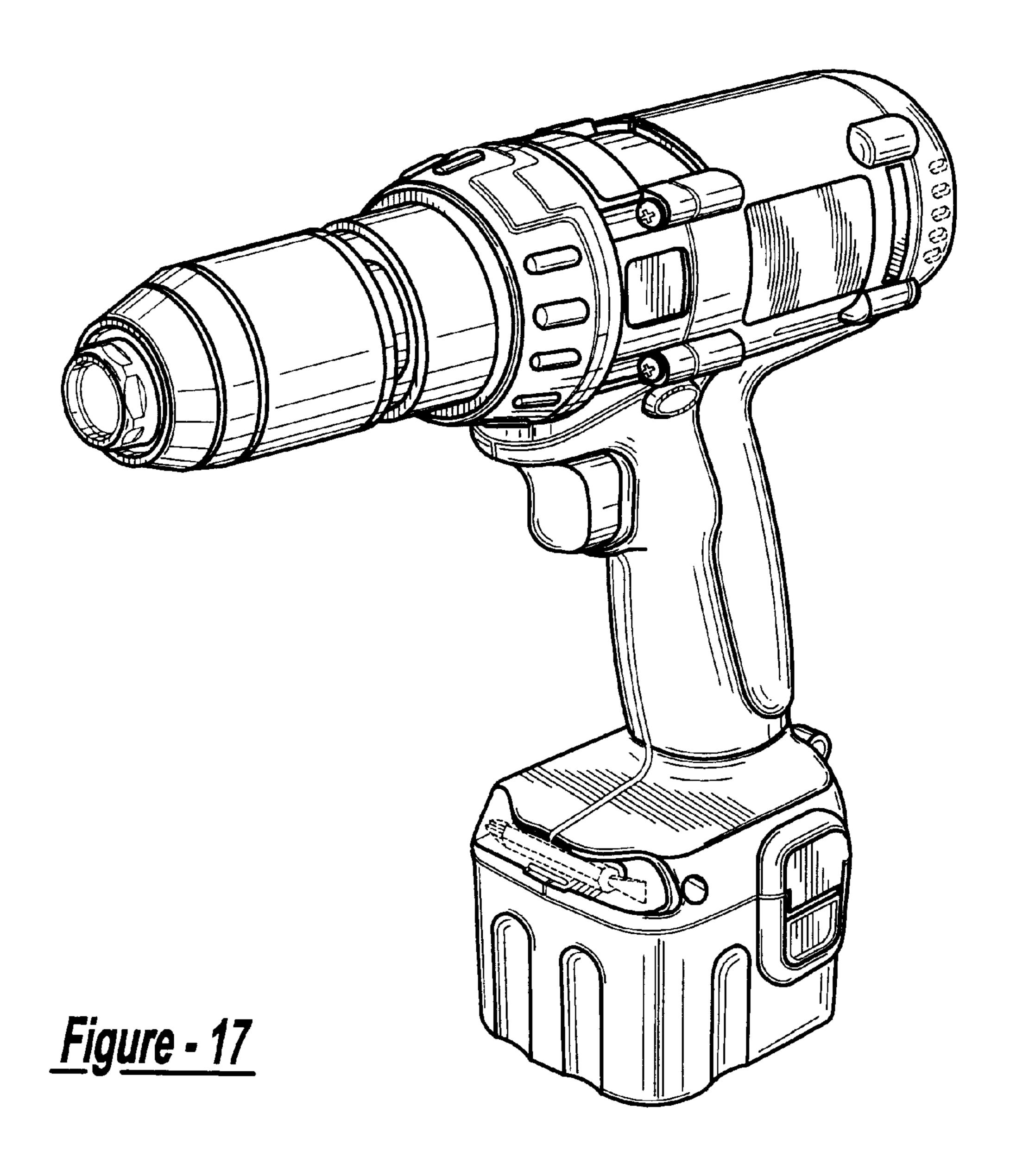


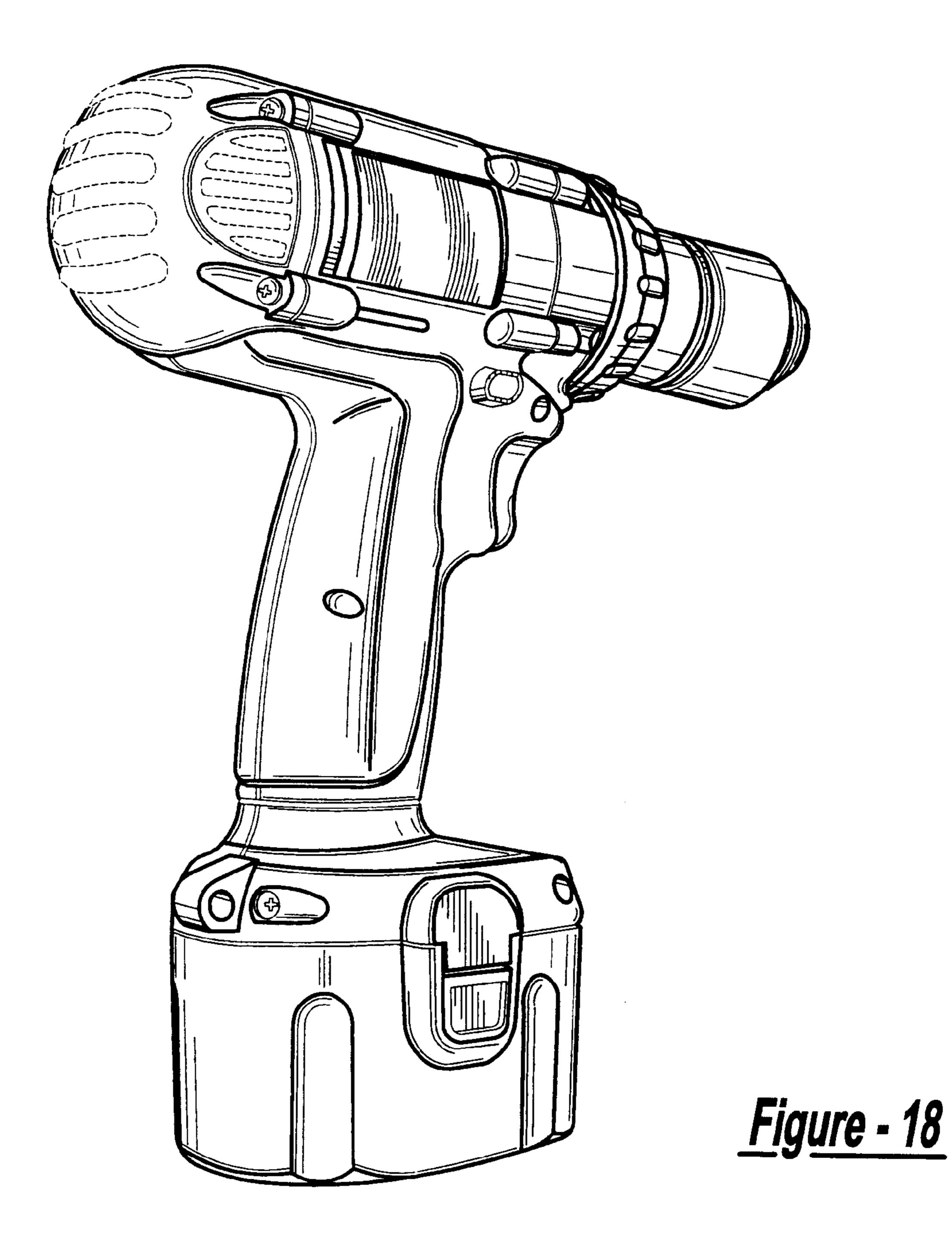
Figure - 14

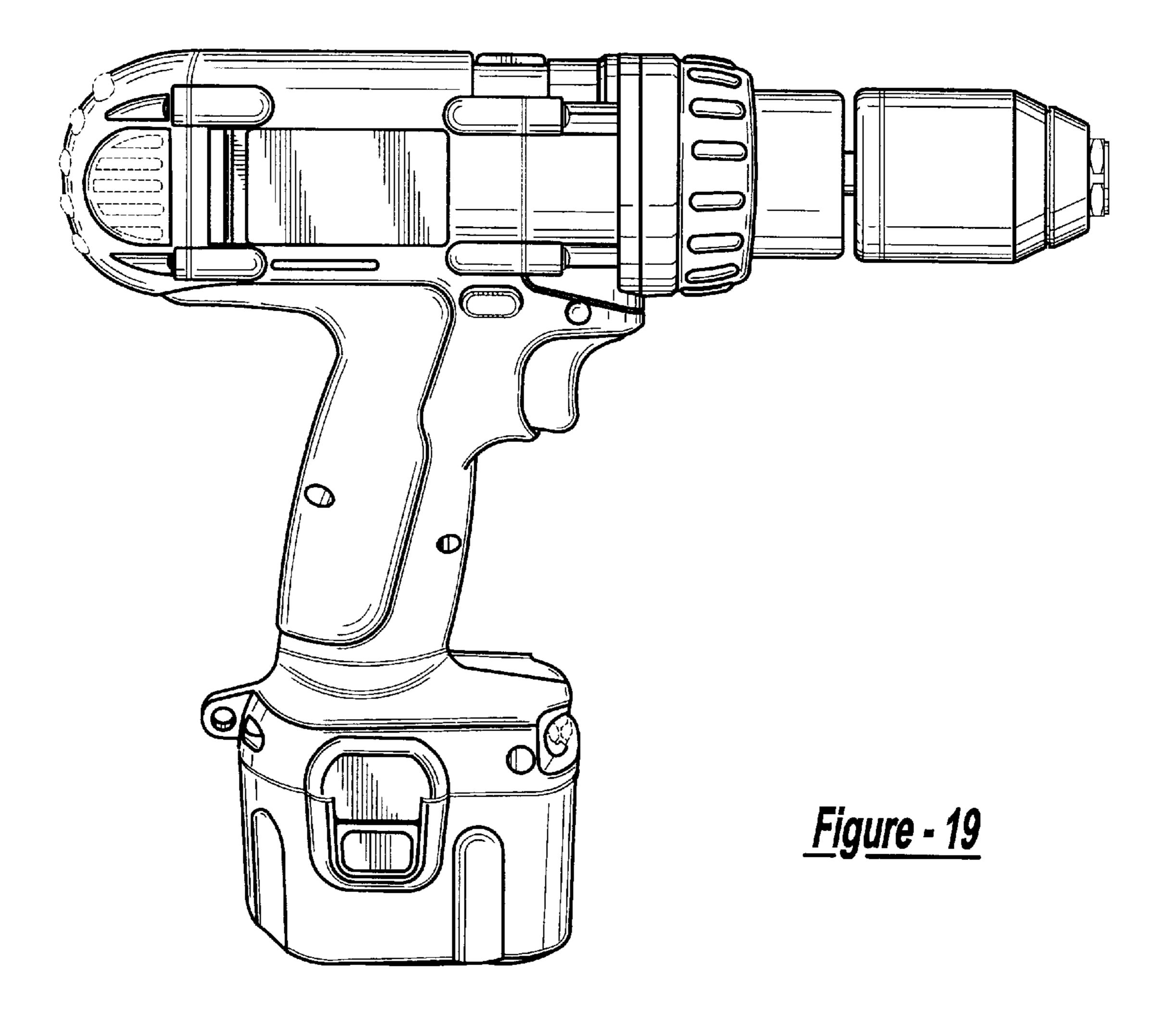


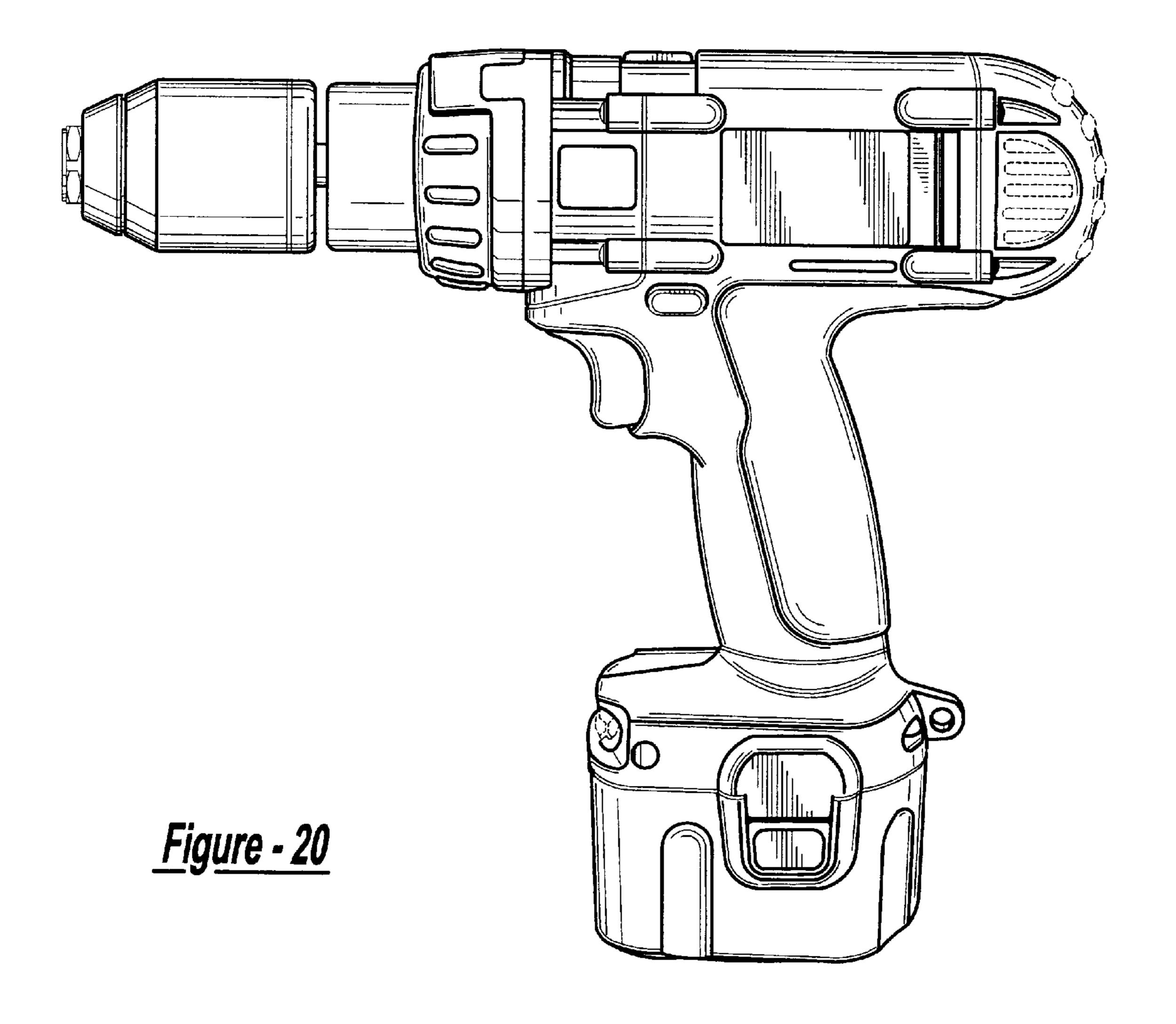
# Figure 15











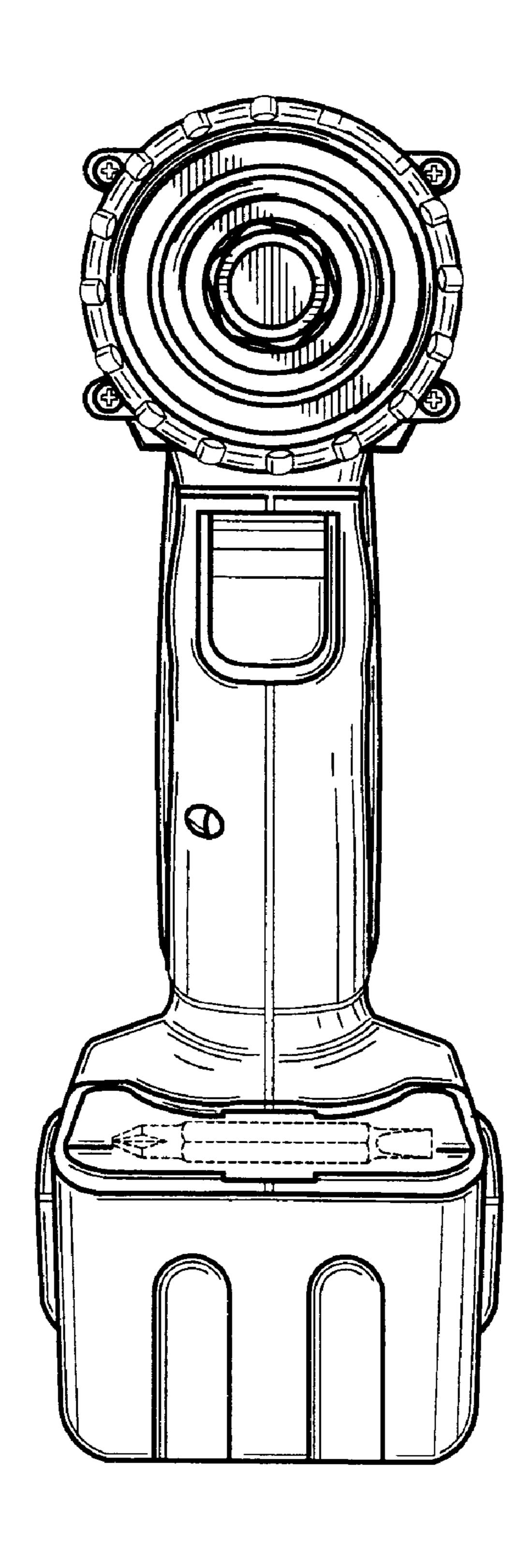


Figure - 21

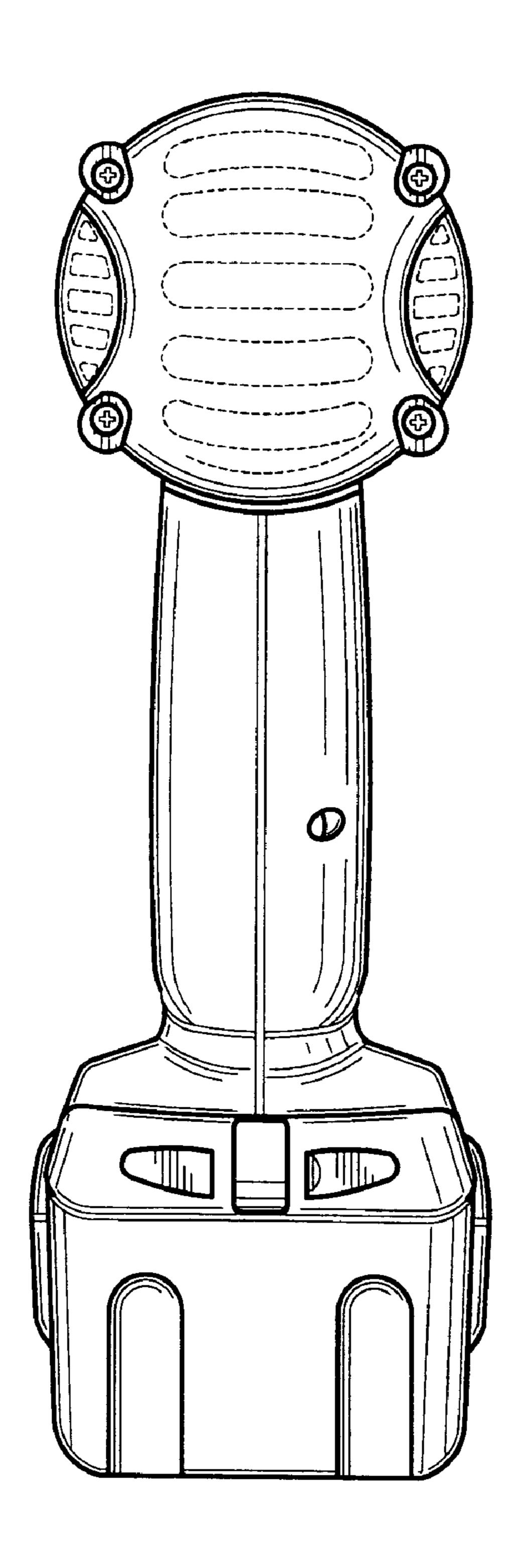


Figure - 22

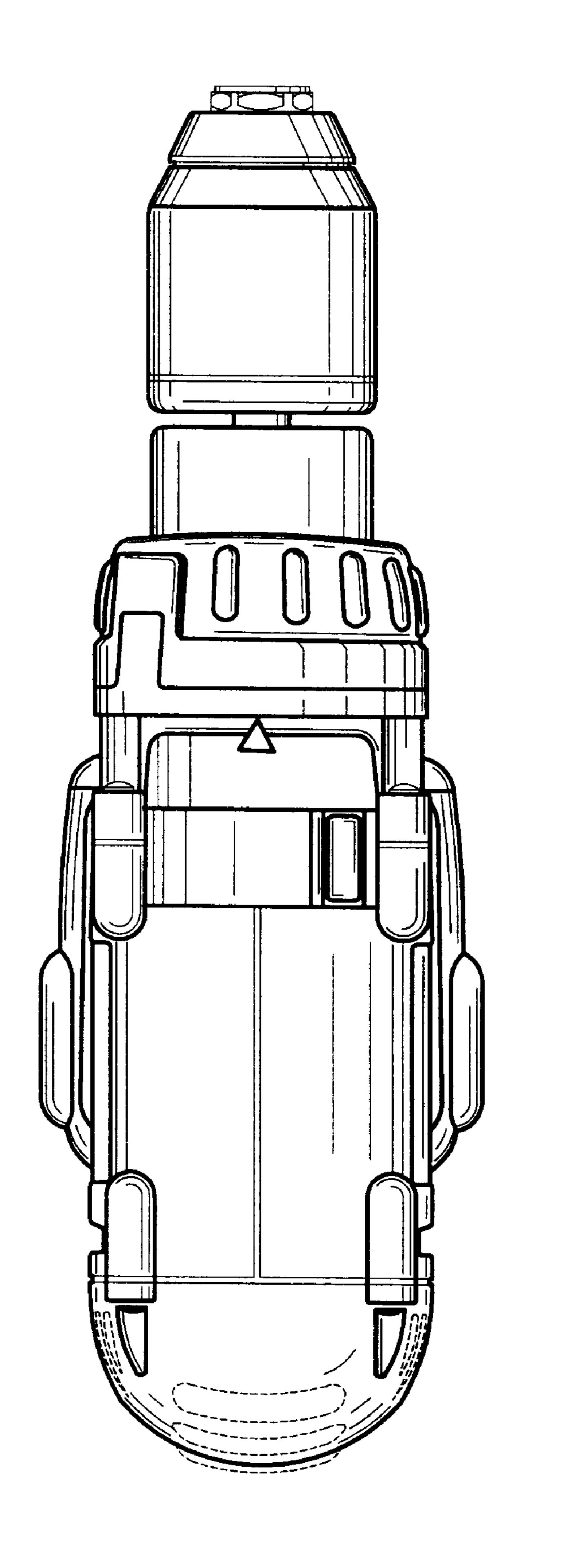


Figure - 23

