

US00D493344S1

(12) **United States Design Patent** (10) Patent No.: **US D493,344 S**  
**Watson** (45) Date of Patent: **\*\* Jul. 27, 2004**

(54) **IMPACT DRIVER**  
 (75) Inventor: **James B. Watson**, Fallston, MD (US)  
 (73) Assignee: **Black & Decker, Inc.**, Newark, DE (US)  
 (\*\*) Term: **14 Years**  
 (21) Appl. No.: **29/181,913**  
 (22) Filed: **May 15, 2003**  
 (51) **LOC (7) Cl.** ..... **08-05**  
 (52) **U.S. Cl.** ..... **D8/68**  
 (58) **Field of Search** ..... D8/14.1, 61, 62, D8/63, 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

D411,947 S 7/1999 Sugimoto et al.  
 D419,413 S 1/2000 Heun  
 D424,902 S 5/2000 Gildersleeve et al.  
 D428,320 S 7/2000 Ohi et al.  
 D431,766 S 10/2000 Zurwelle  
 D435,414 S 12/2000 Etter et al.  
 D437,761 S 2/2001 Okumura et al.  
 D446,704 S 8/2001 Shibata et al.  
 6,431,289 B1 \* 8/2002 Potter et al. .... 173/217  
 D462,594 S 9/2002 Flickinger  
 D466,777 S 12/2002 Watson  
 D467,147 S 12/2002 Watson  
 D467,148 S \* 12/2002 Flickinger ..... D8/68  
 D467,780 S 12/2002 Kaizumi  
 6,502,648 B2 \* 1/2003 Milbourne ..... 173/178  
 D477,205 S \* 7/2003 Sakai et al. .... D8/68

**FOREIGN PATENT DOCUMENTS**

DE M9003635 4/1991  
 DE M9301028 7/1993  
 DE M9300144 8/1993  
 DE M9402042 8/1994  
 DE 49808551 9/1999

(List continued on next page.)

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D156,319 S 12/1949 Bushnell  
 D159,044 S 6/1950 Bushnell  
 D295,714 S 5/1988 Sasaki et al.  
 D296,412 S 6/1988 Nelson et al.  
 D296,655 S 7/1988 Yonezawa et al.  
 D320,917 S 10/1991 Fushiya et al.  
 D329,580 S 9/1992 Sasaki et al.  
 D335,073 S 4/1993 Anthony et al.  
 D339,046 S 9/1993 Fushiya et al.  
 D340,394 S 10/1993 Okumura  
 D340,396 S 10/1993 Ichikawa  
 D342,430 S 12/1993 Saito et al.  
 D345,090 S 3/1994 Okumura  
 D345,682 S 4/1994 Sasaki et al.  
 D362,167 S \* 9/1995 Zurwelle ..... D8/68  
 D368,214 S 3/1996 Zurwelle  
 D376,969 S 12/1996 Kazamaki et al.  
 D378,268 S \* 3/1997 Schultz ..... D8/68  
 D392,863 S 3/1998 Sugimoto et al.  
 D400,416 S 11/1998 Zurwelle  
 D403,219 S 12/1998 Bosten et al.  
 D404,276 S 1/1999 Ghode et al.

*Primary Examiner*—James Gandy  
*Assistant Examiner*—T. Chase Nelson

(74) *Attorney, Agent, or Firm*—Michael P. Leary; Bruce S. Shapiro; Charles E. Yocum

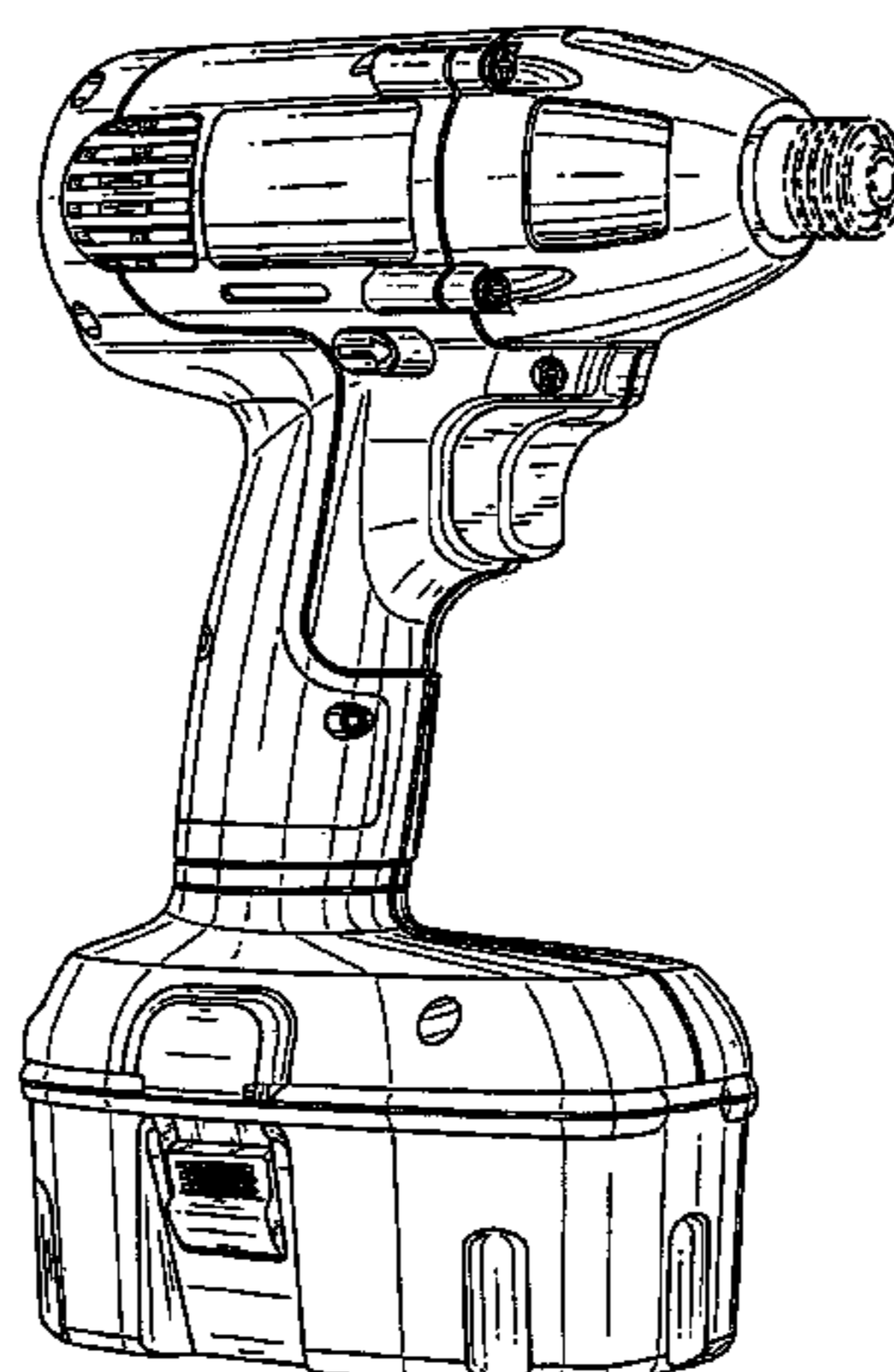
(57) **CLAIM**

The ornamental design for an impact driver, as shown and described.

**DESCRIPTION**

FIG. 1 is a right front perspective view of an impact driver showing my new design.  
 FIG. 2 is a front view of FIG. 1.  
 FIG. 3 is a rear view of FIG. 1.  
 FIG. 4 is a right side view of FIG. 1.  
 FIG. 5 is a left side view of FIG. 1.  
 FIG. 6 is a top view of FIG. 1; and,  
 FIG. 7 is a bottom view of FIG. 1.  
 The dashed lines and the areas within the dashed lines form no part of the claimed ornamental design.

**1 Claim, 7 Drawing Sheets**



FOREIGN PATENT DOCUMENTS					
			JP	1096121	7/1999
			JP	1054480	8/1999
DE	40005042	8/2000	JP	1060911	10/1999
DE	40009556	6/2001	JP	1102373	11/1999
JP	929563	7/1995	JP	1059154	1/2000
JP	941441	12/1995	JP	1068025	1/2000
JP	971900	10/1996	JP	1089085	8/2000
JP	974614	2/1997	JP	1109595	5/2001
JP	1000127	9/1997	JP	1123614	8/2001
JP	940467	11/1997	JP	1123929	8/2001
JP	978522	11/1997			
JP	929887	5/1998			
JP	941441	2/1999			

\* cited by examiner

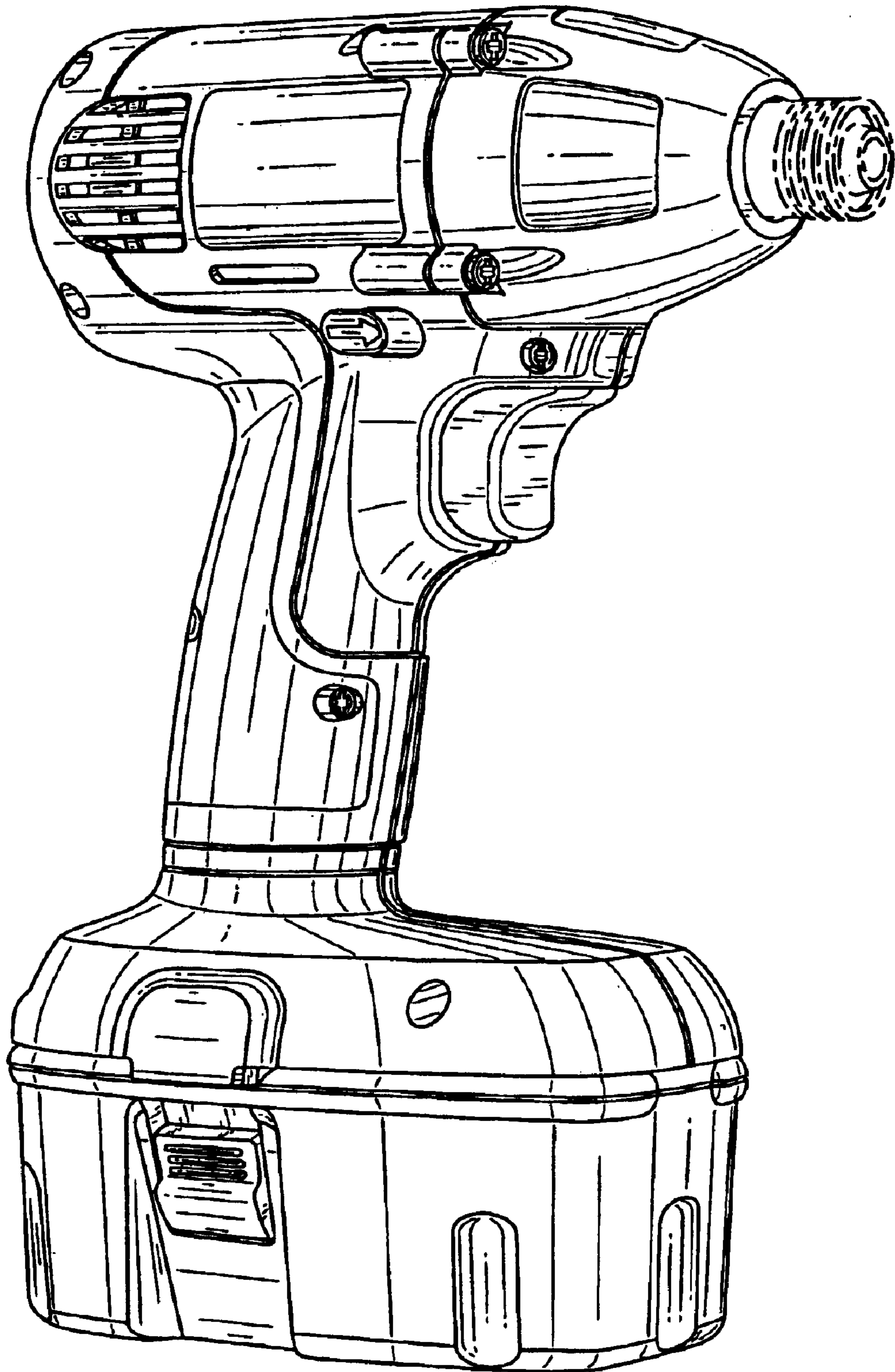


FIG. 1

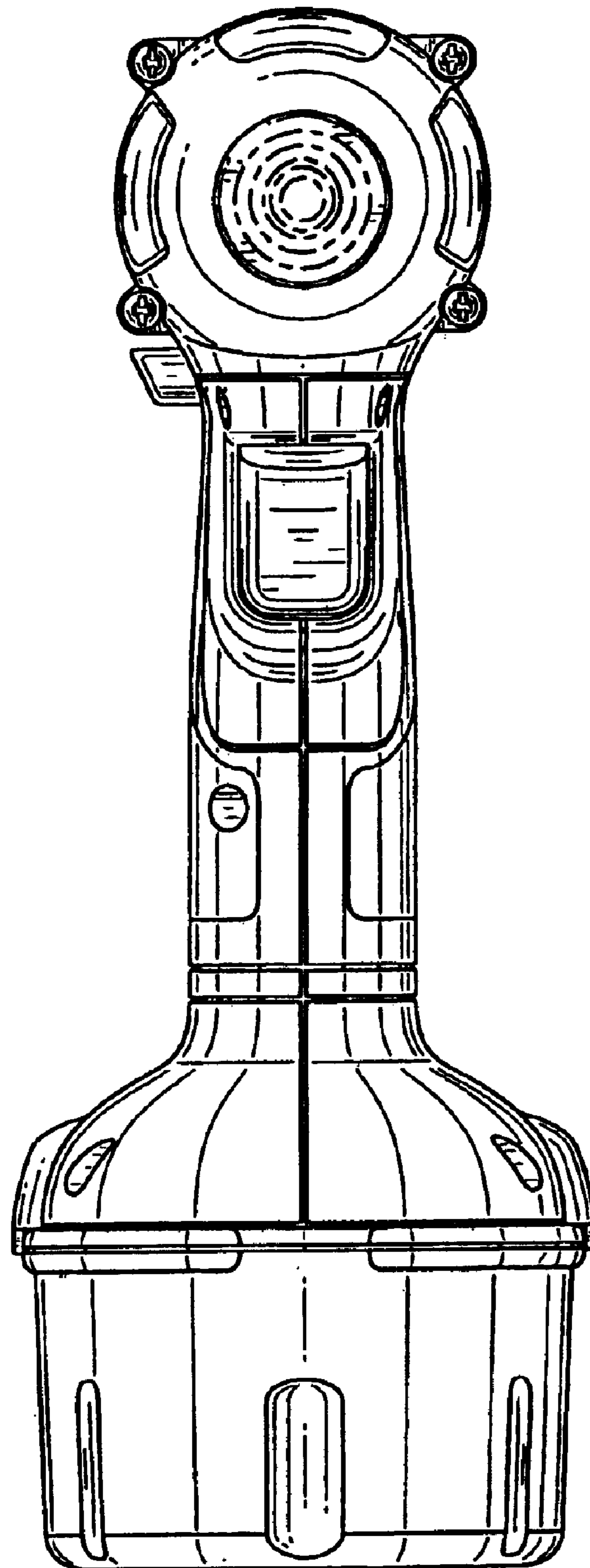


FIG. 2

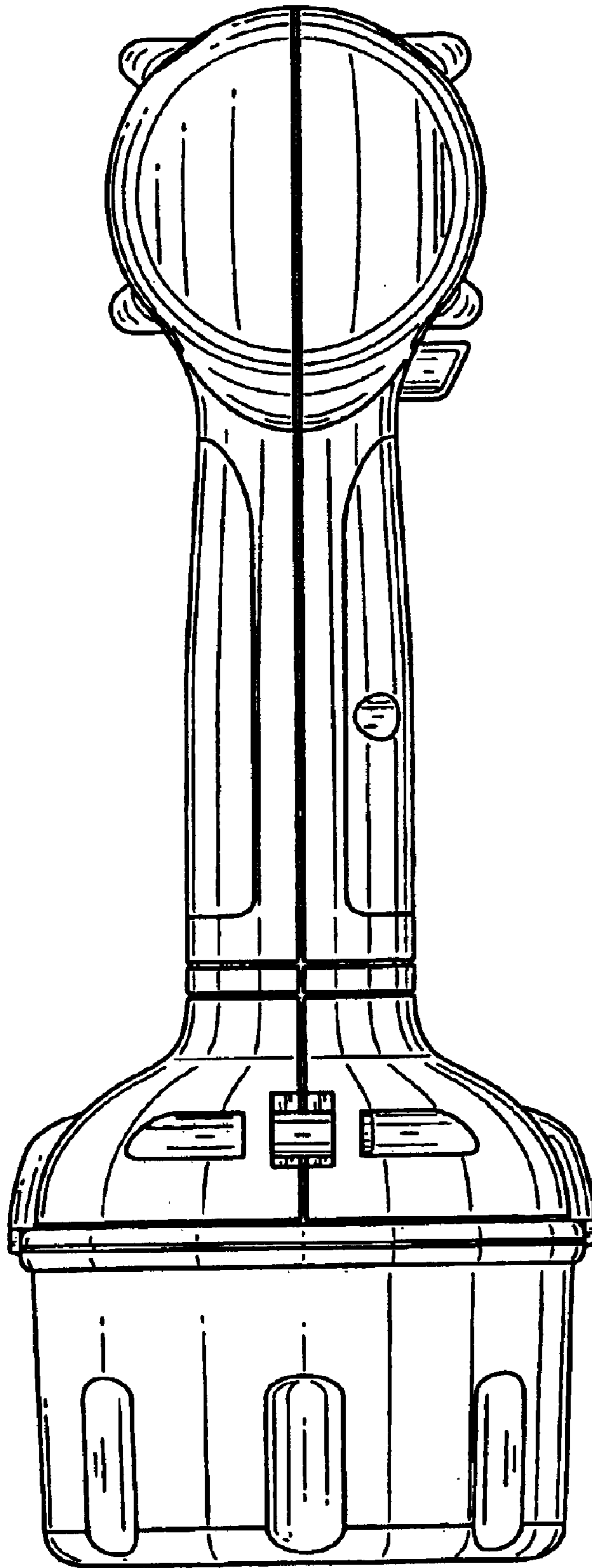


FIG. 3

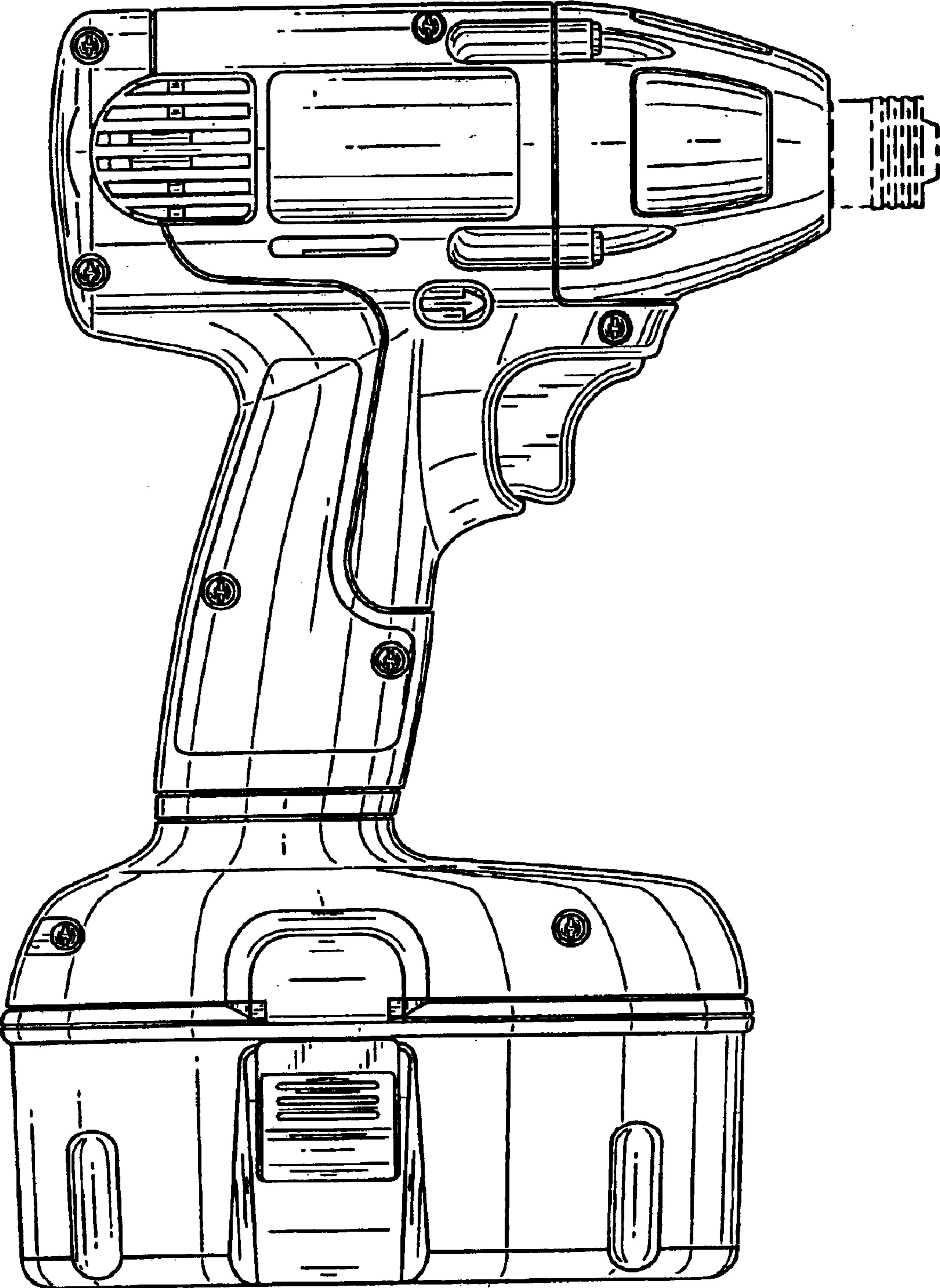


FIG. 4

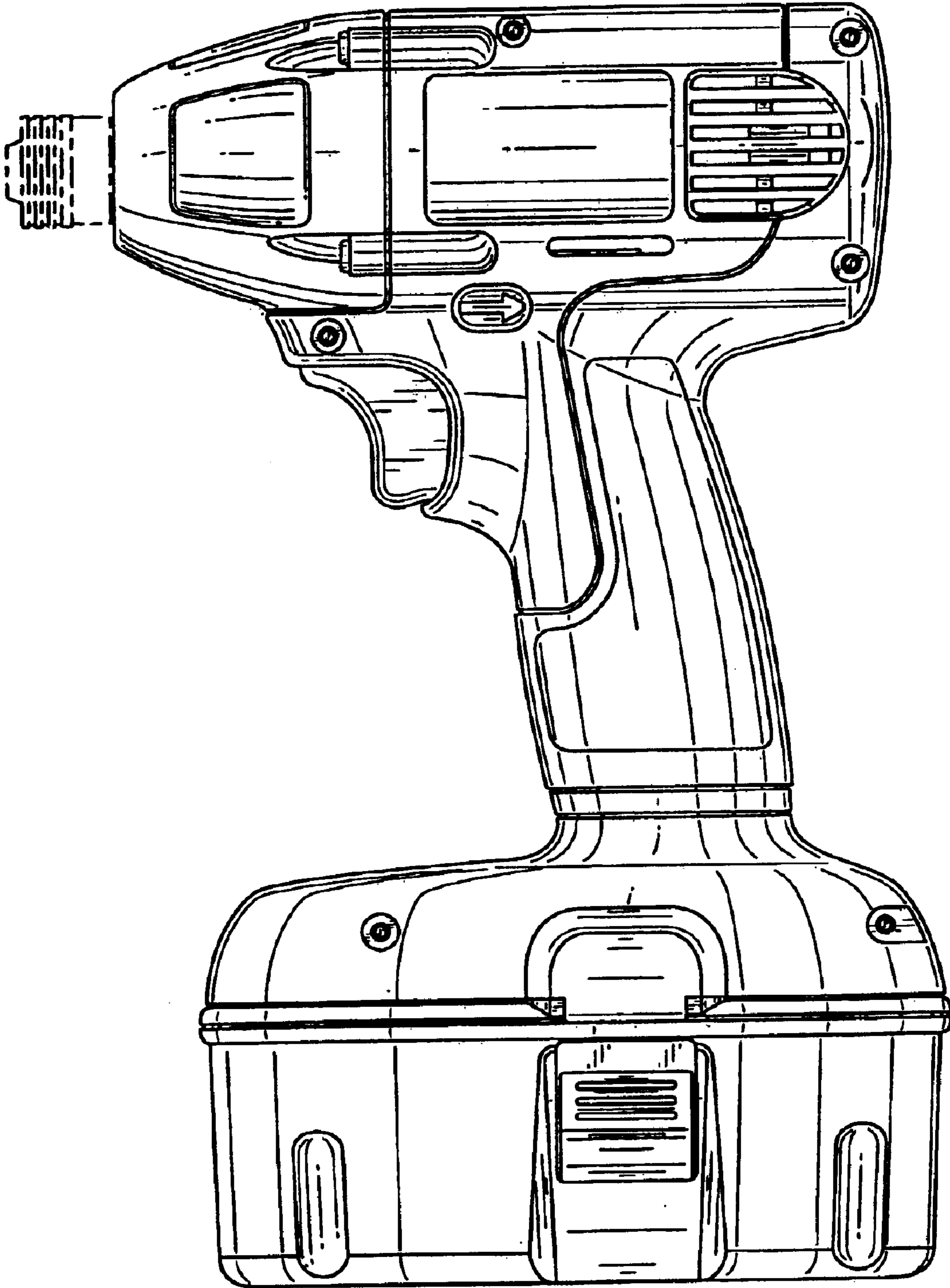


FIG. 5

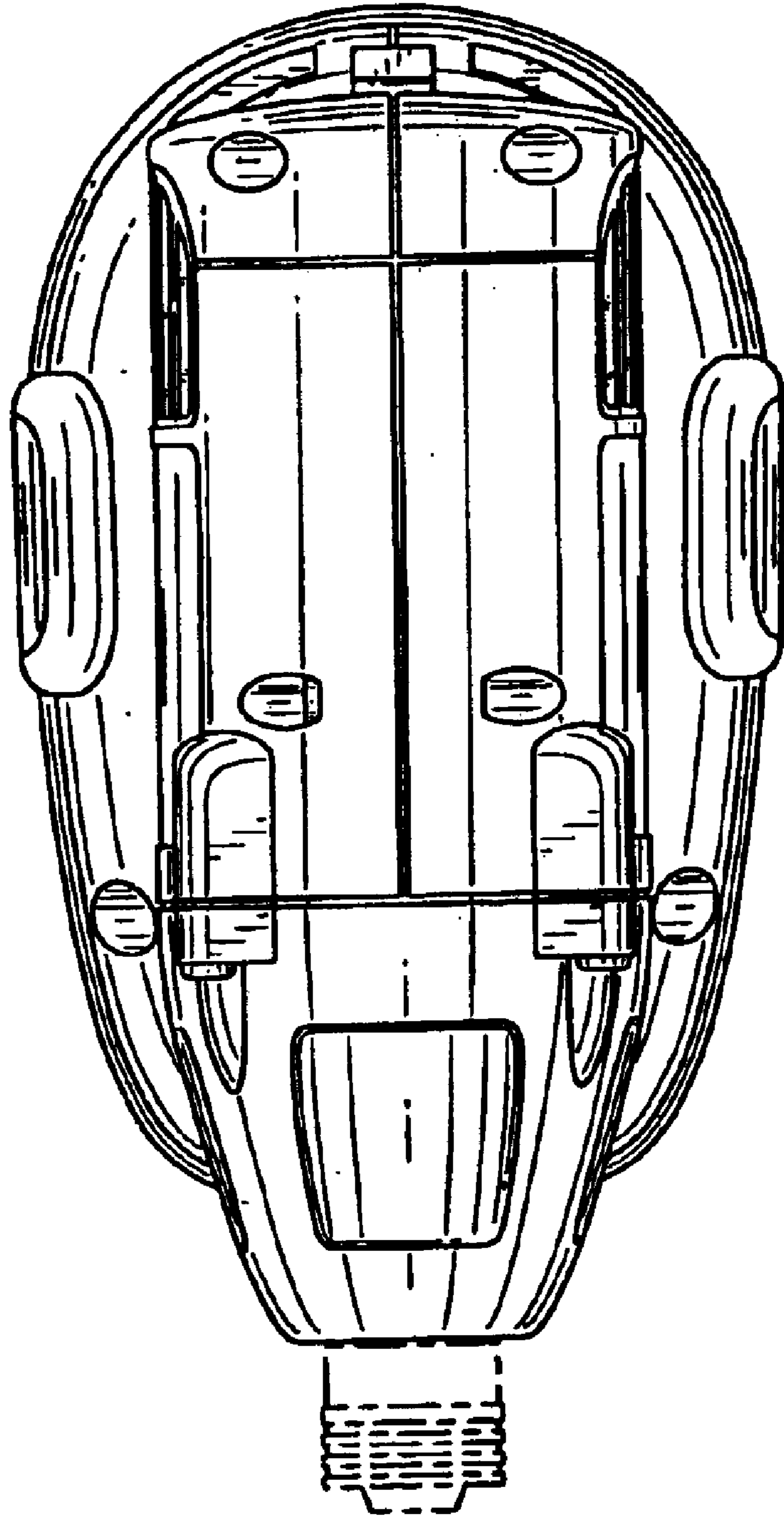


FIG. 6



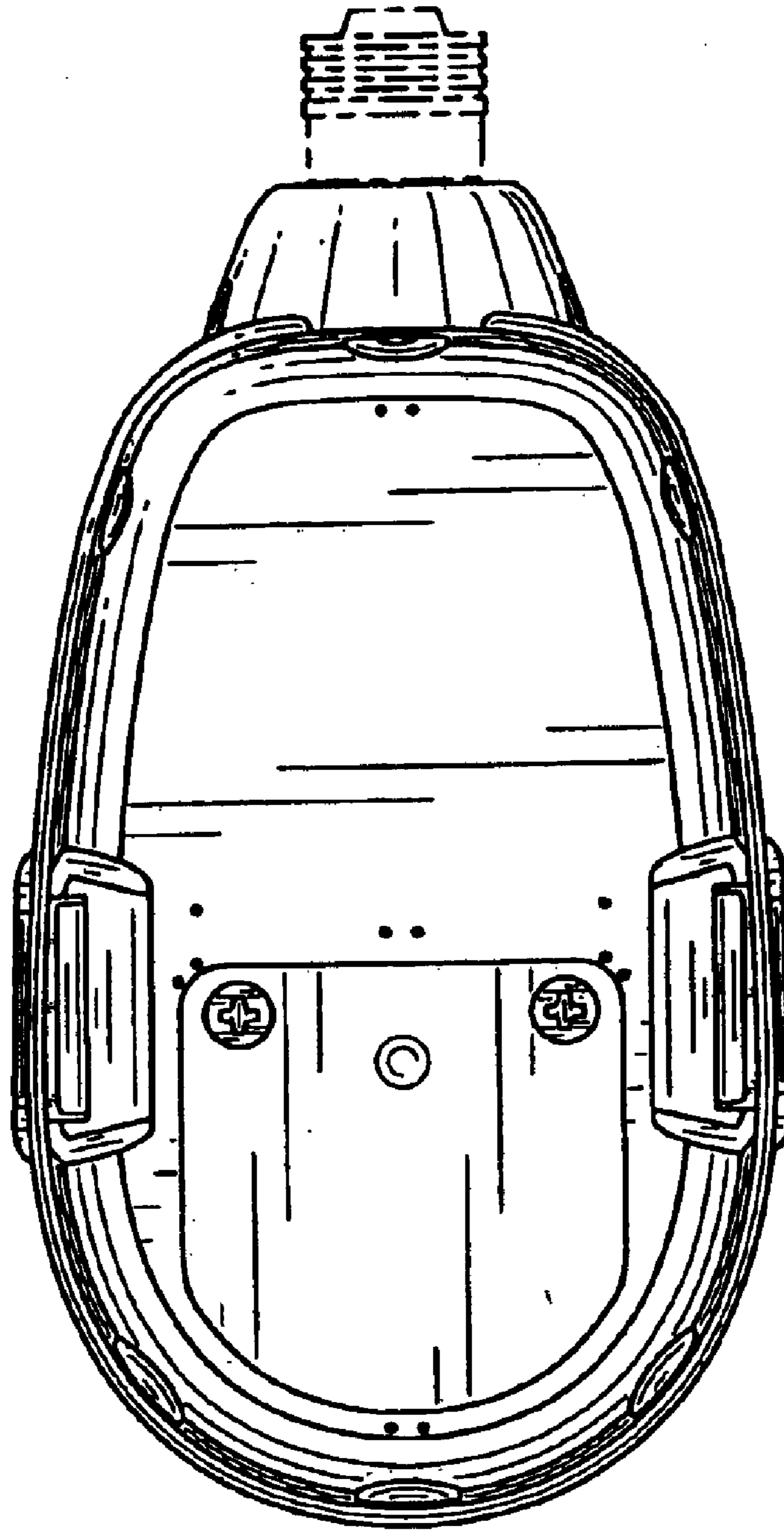


FIG. 7