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Huang et al.

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(54) **ELECTRIC IMPACT WRENCH WITH A RECHARGEABLE BATTERY**

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

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(51) **LOC (8) Cl.** **08-05**

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

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D8/61, 62, 63, 64, 65, 66, 67, 68, 69, 70;
81/57.11, 429, 464, 465, 466, 469, 489; 173/13,
173/104, 114, 168, 169, 170, 171, 178, 201,
173/211, 213, 217; 408/20, 124, 125, 234,
408/241 R; 451/358; 310/50; 227/8, 114,
227/120, 130, 136, 142

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D295,714 S	*	5/1988	Sasaki et al.	.....	D8/68
D340,396 S	*	10/1993	Ichikawa	.....	D8/68
D392,863 S	*	3/1998	Sugimoto et al.	.....	D8/68
D404,276 S	*	1/1999	Ghode et al.	.....	D8/68
D419,413 S	*	1/2000	Heun	.....	D8/68
D424,902 S	*	5/2000	Gildersleeve et al.	.....	D8/68
6,158,526 A	*	12/2000	Ghode et al.	.....	173/211

6,457,535 B1	*	10/2002	Tanaka	.....	173/178
D477,205 S	*	7/2003	Sakai et al.	.....	D8/68
D484,384 S	*	12/2003	Ghode et al.	.....	D8/68
6,729,415 B1	*	5/2004	Huang	.....	173/217
D493,344 S	*	7/2004	Watson	.....	D8/68
D499,945 S	*	12/2004	Sugawara et al.	.....	D8/68
6,840,335 B1	*	1/2005	Wu	.....	310/50
6,860,342 B1	*	3/2005	Wu et al.	.....	173/217
D508,837 S	*	8/2005	Andriolo	.....	D8/68
2005/0279197 A1	*	12/2005	Wottreng et al.	.....	81/469

FOREIGN PATENT DOCUMENTS

GB	3000904 S	*	1/2002
GB	3009344 S	*	12/2002

* cited by examiner

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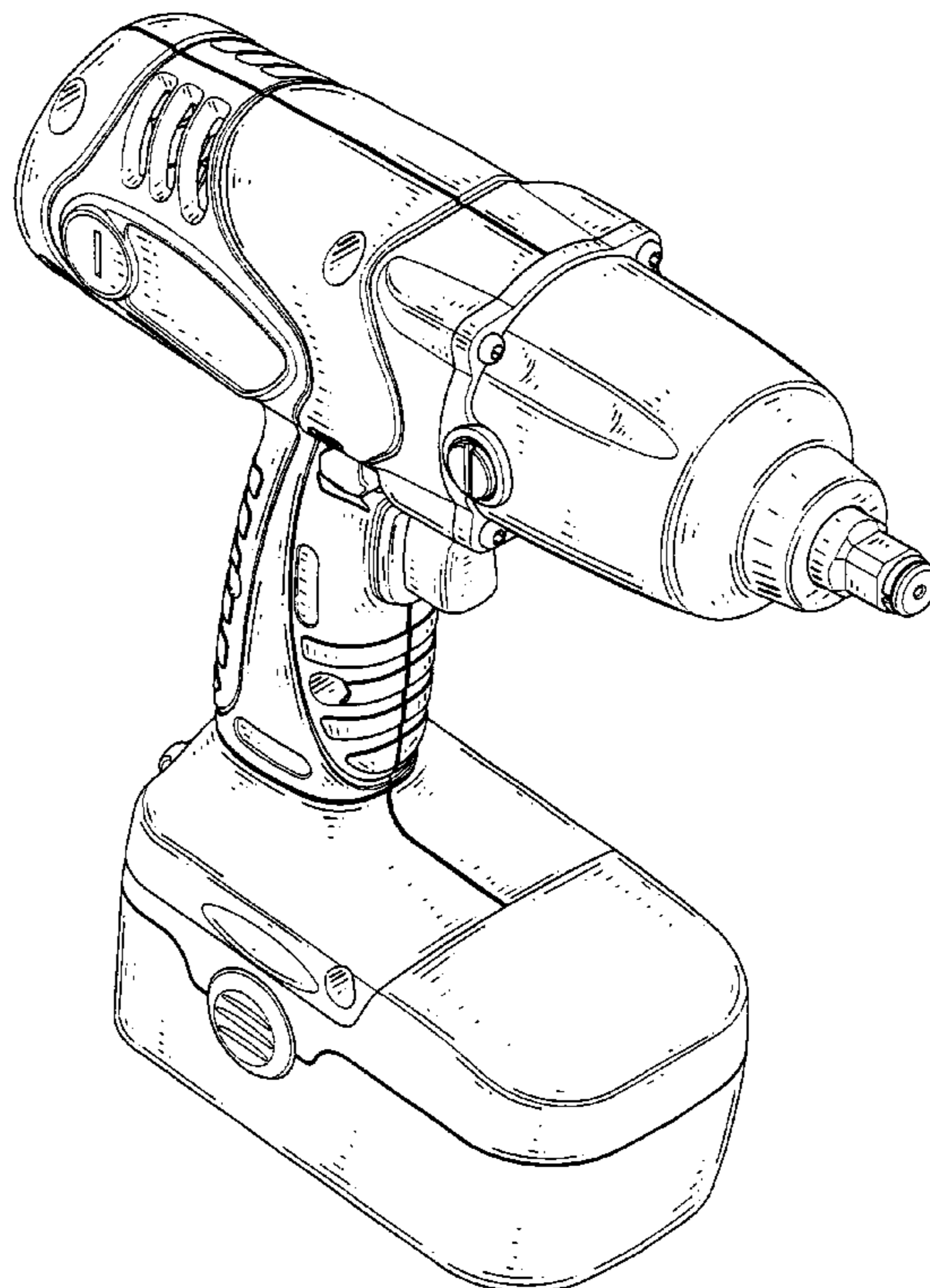
(57) **CLAIM**

The ornamental design for an electric impact wrench with a rechargeable battery, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of an electric impact wrench with a rechargeable battery, showing our new design; FIG. 2 is a front view thereof; FIG. 3 is a rear view thereof; FIG. 4 is a left side view thereof; FIG. 5 is a right side view thereof; FIG. 6 is a top view thereof; and, FIG. 7 is a bottom view thereof.

1 Claim, 5 Drawing Sheets



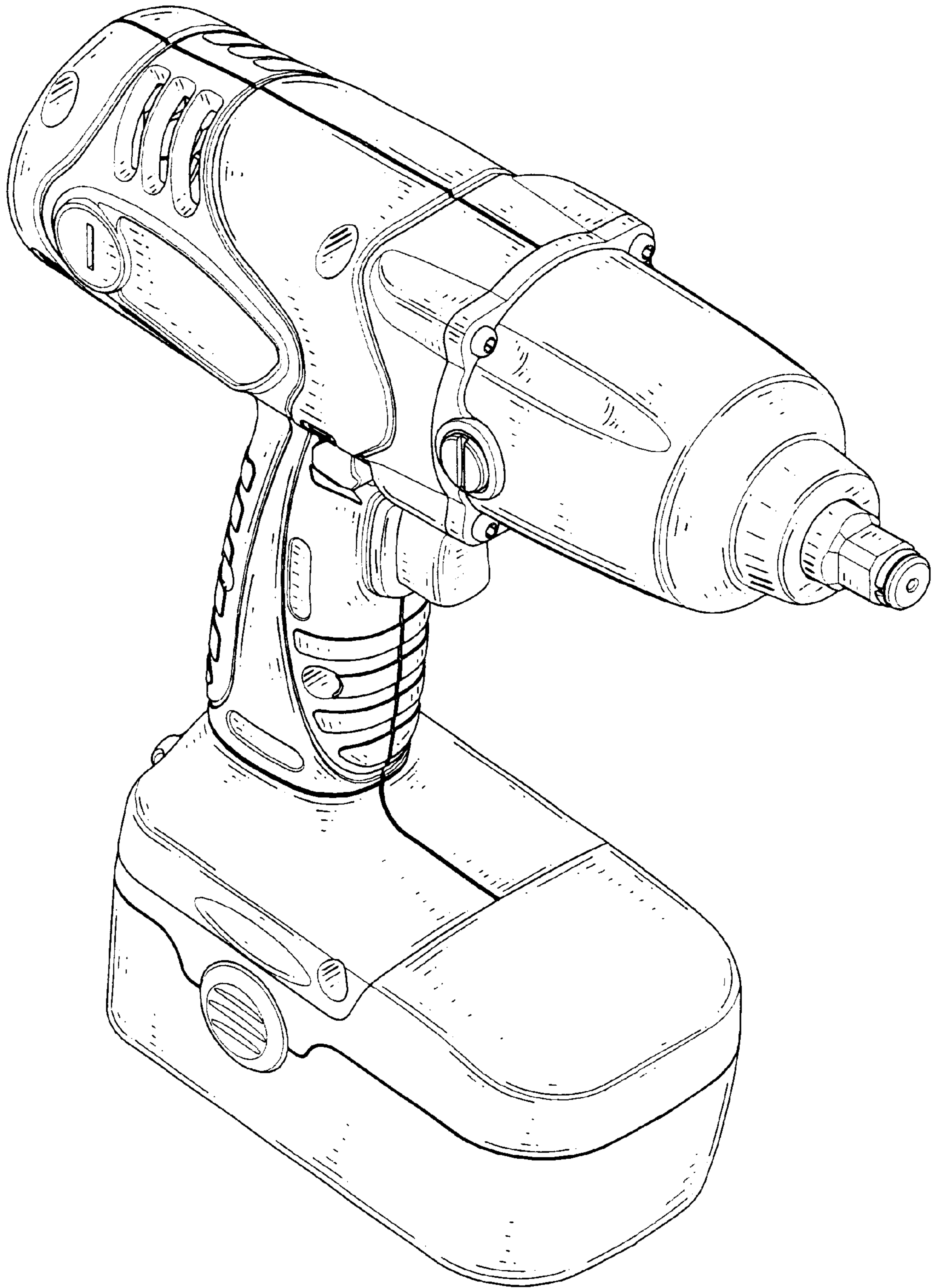


FIG.1

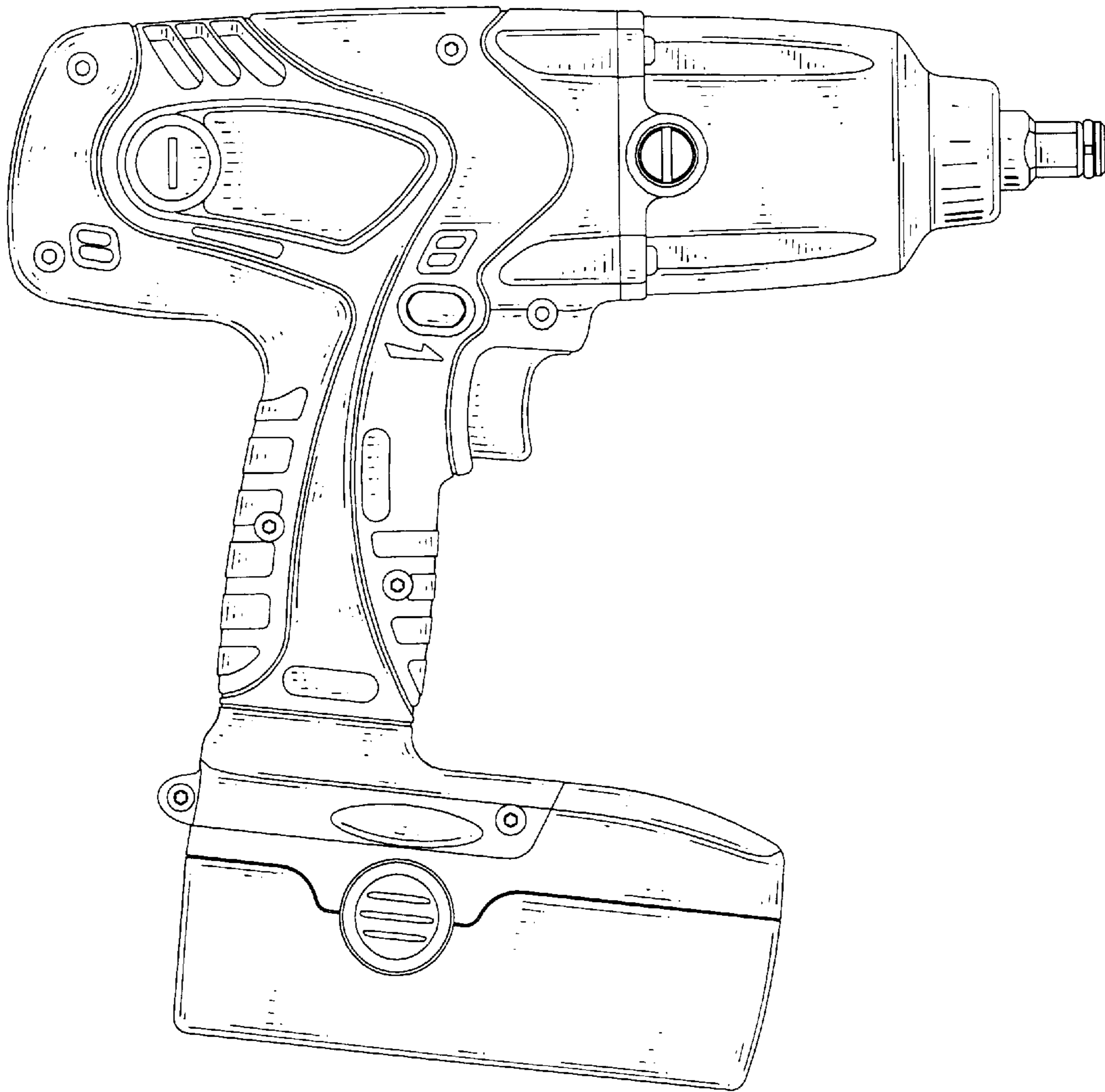


FIG.2

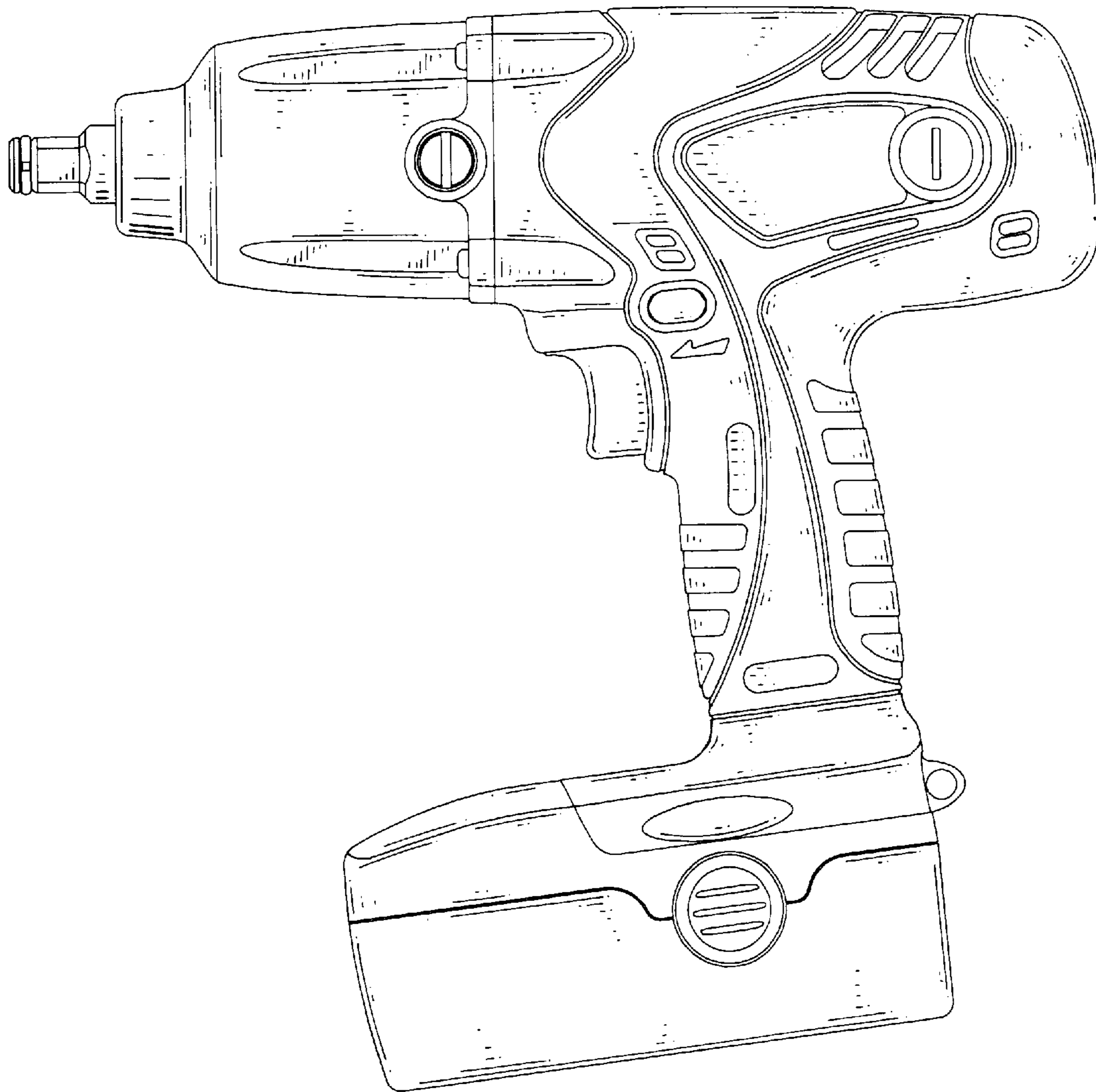


FIG.3

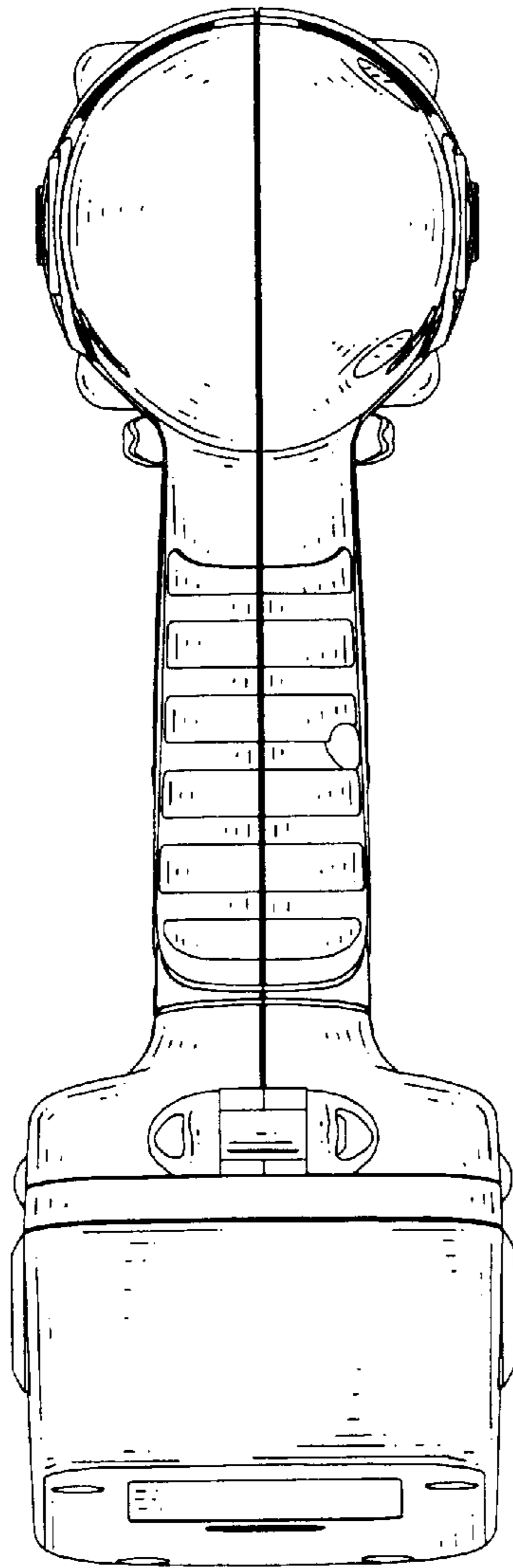


FIG.4

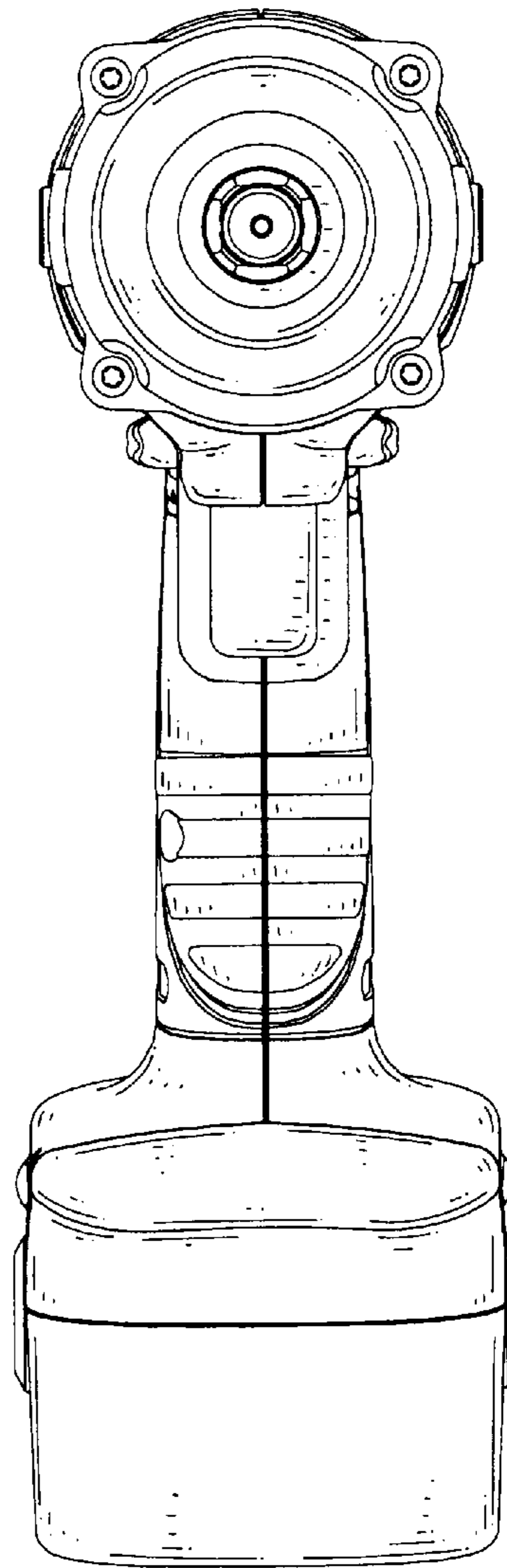


FIG.5

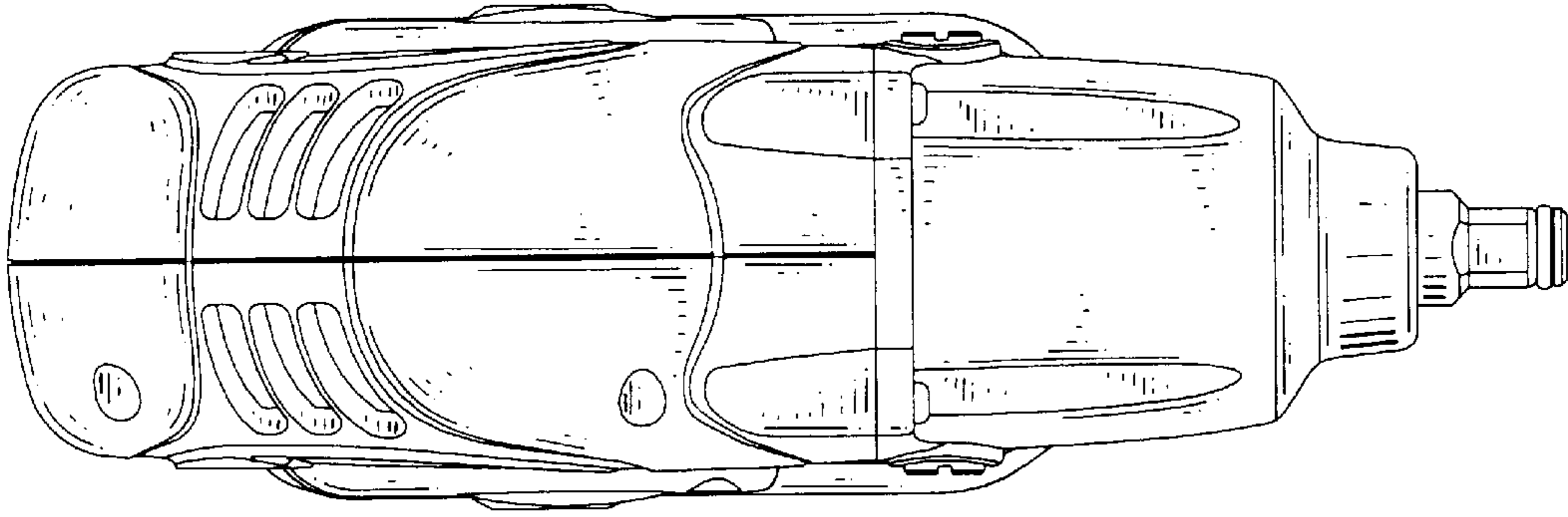


FIG. 6

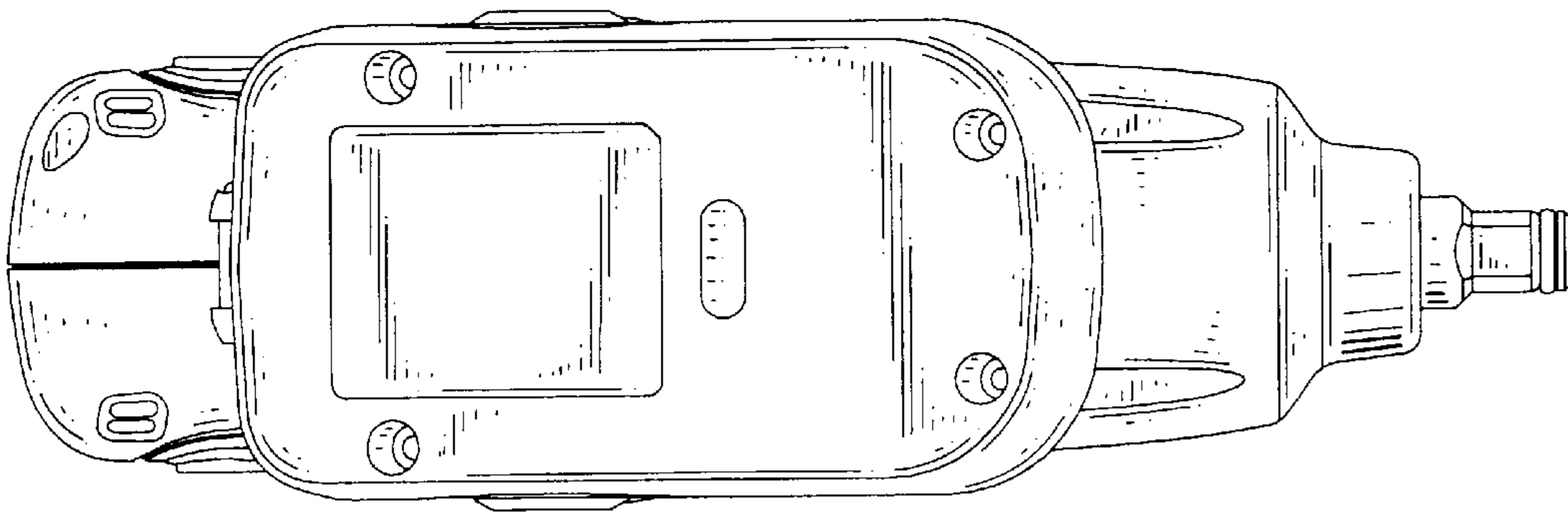


FIG. 7