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Taniguchi et al.

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(54) **PORTABLE ELECTRIC DRIVER**

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

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(30) **Foreign Application Priority Data**

Jun. 15, 2007 (JP) 2007-016045

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

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

(58) **Field of Classification Search** D8/14.1,
D8/61, 62, 63, 64, 65, 66, 67, 68, 69, 70;
81/57.11, 429, 454, 455, 456, 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, 113,
227/114, 120, 130, 136, 142

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D462,594 S * 9/2002 Flickinger D8/68
D484,385 S * 12/2003 Sakai et al. D8/68
D494,435 S * 8/2004 Hayakawa et al. D8/68

D512,891 S * 12/2005 Aglassinger D8/68
D514,910 S * 2/2006 Nagasaka et al. D8/68
D519,808 S * 5/2006 Otsuka et al. D8/68
D520,832 S * 5/2006 Ozawa et al. D8/68
D524,136 S * 7/2006 Taniguchi et al. D8/68
7,108,079 B2 * 9/2006 Sakai et al. 173/217
7,185,998 B2 * 3/2007 Oomori et al. 408/241 R
7,186,117 B2 * 3/2007 Chen 310/50
D562,663 S * 2/2008 Wang et al. D8/68
D567,615 S * 4/2008 Taniguchi et al. D8/68
2005/0121209 A1 * 6/2005 Shimizu et al. 173/170
2005/0155778 A1 * 7/2005 Ishida et al. 173/217
2007/0056760 A1 * 3/2007 Yoshimizu et al. 173/217

* cited by examiner

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(57) **CLAIM**

The ornamental design for a portable electric driver, as shown.

DESCRIPTION

FIG. 1 is a perspective view of the top, front and left side of a portable electric driver showing our new design;

FIG. 2 is a front elevational view thereof;

FIG. 3 is a rear elevational view thereof;

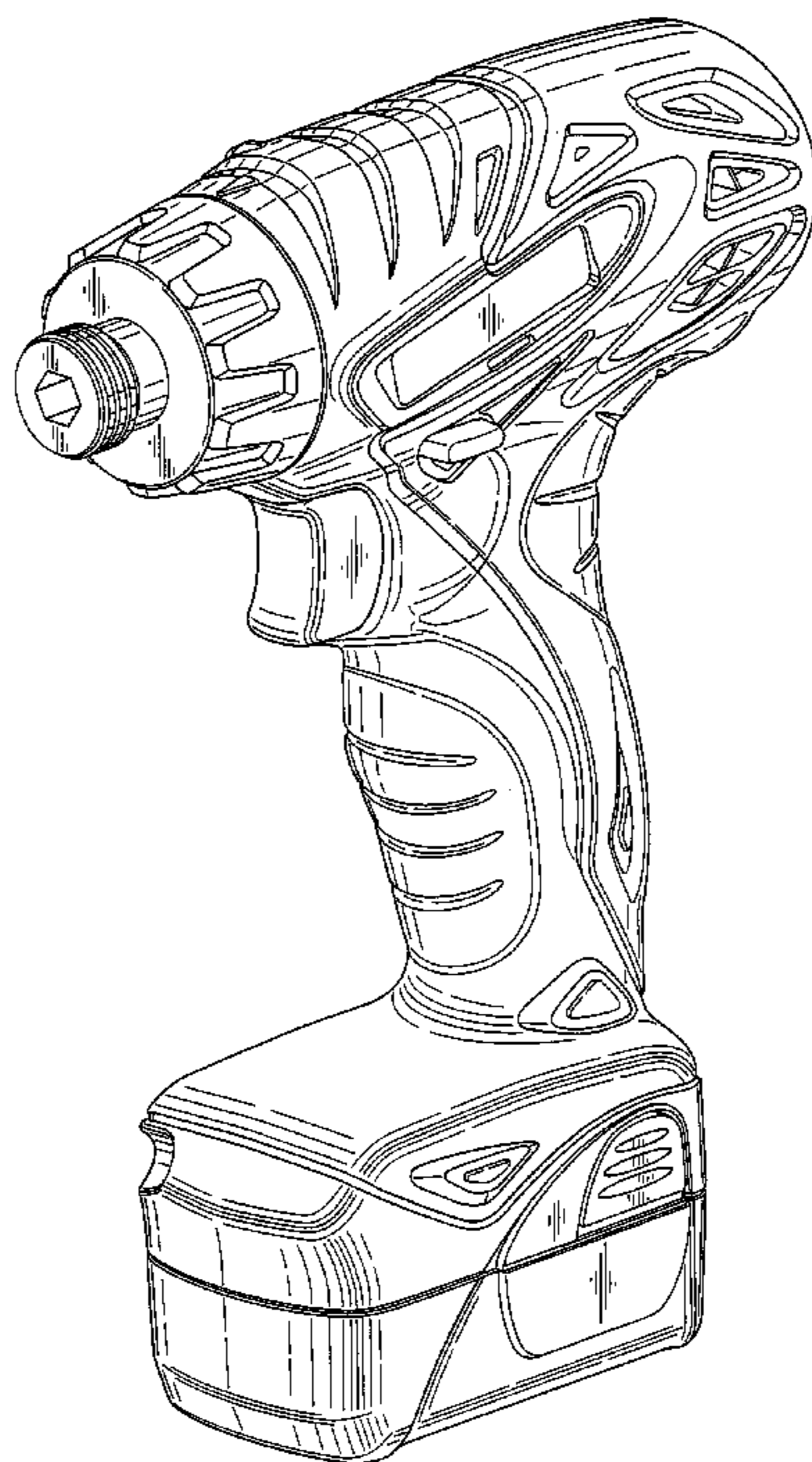
FIG. 4 is a left side elevational view thereof;

FIG. 5 is a right side elevational view thereof;

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

FIG. 7 is a bottom plan view thereof.

1 Claim, 5 Drawing Sheets



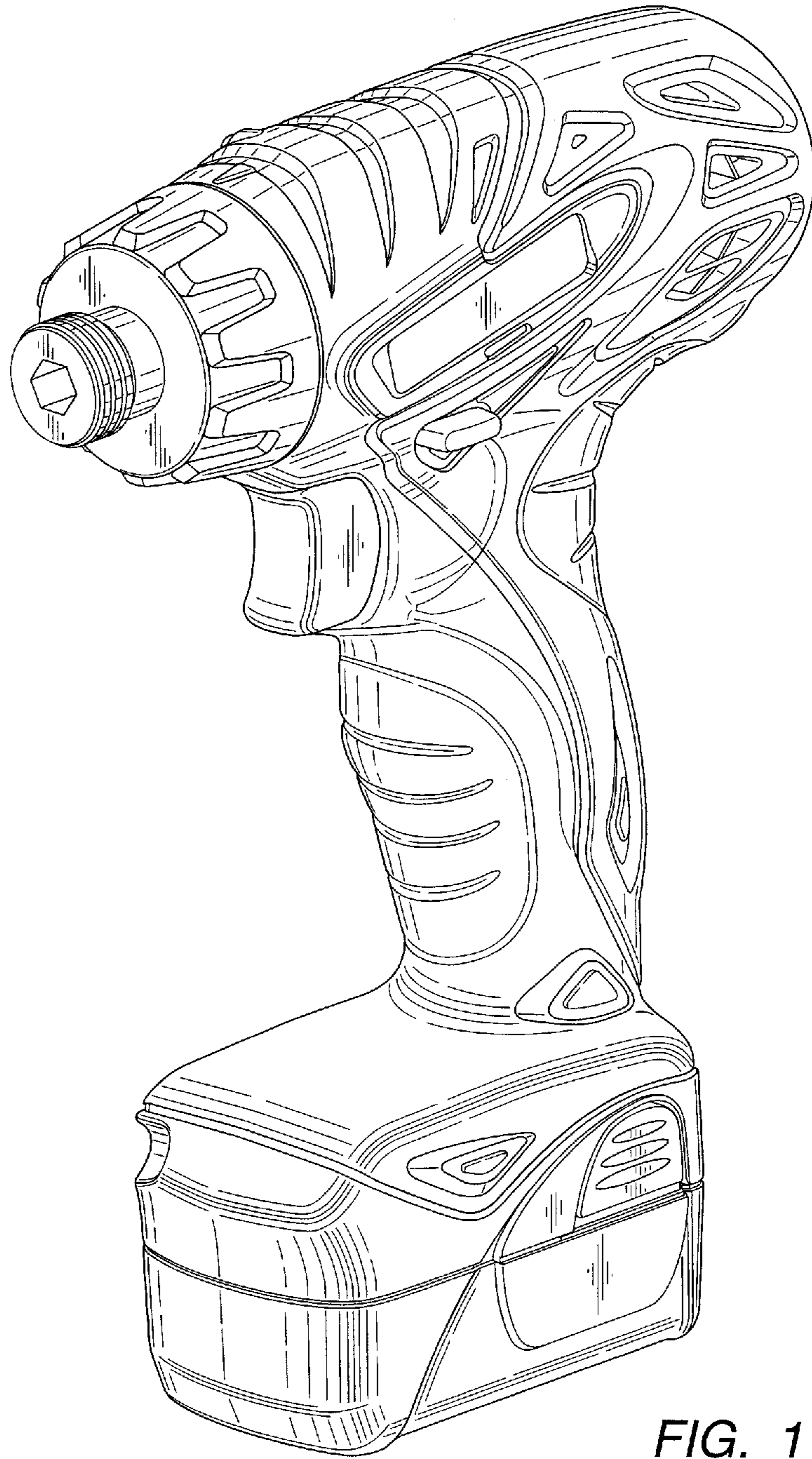


FIG. 1

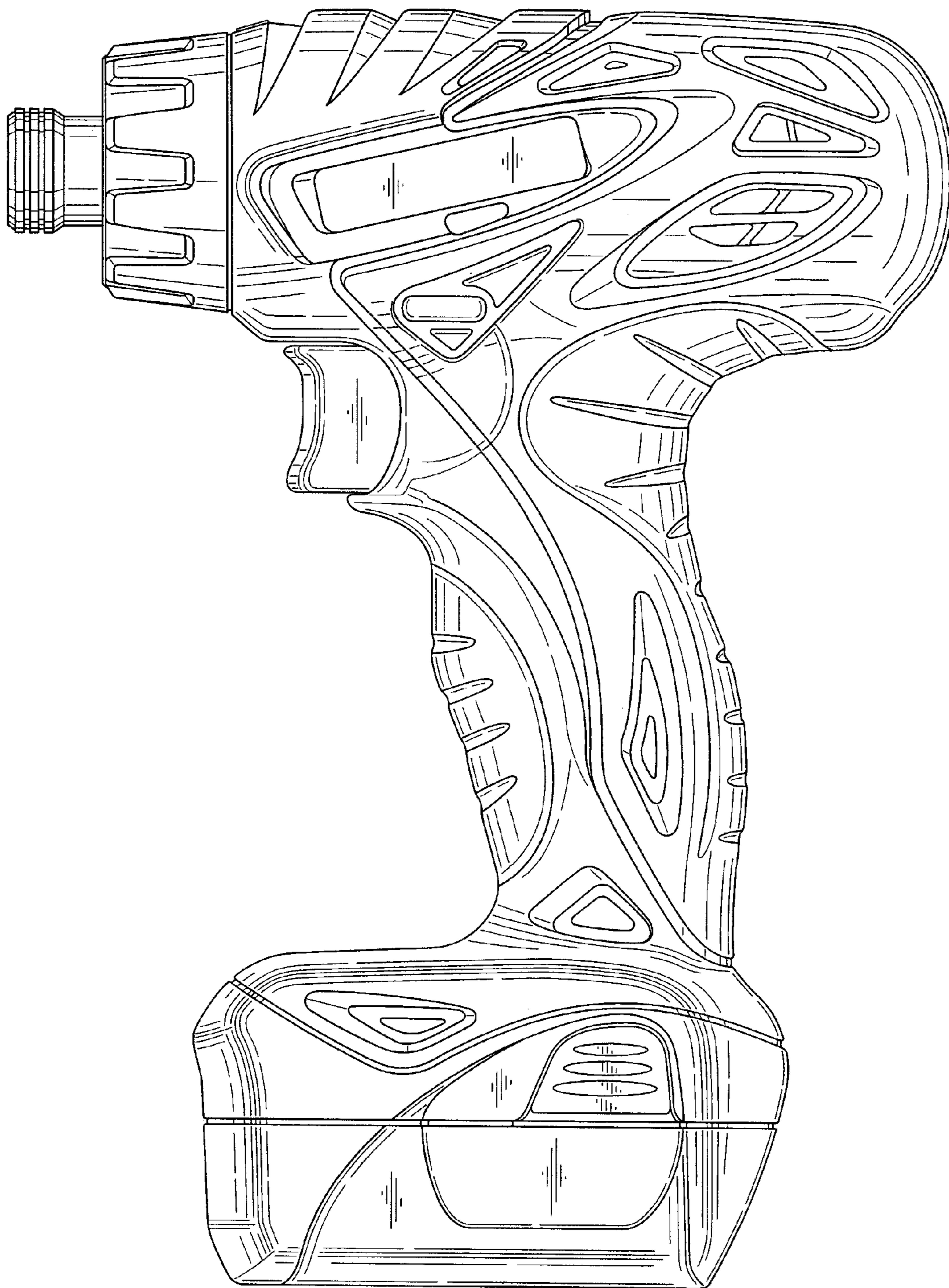


FIG. 2

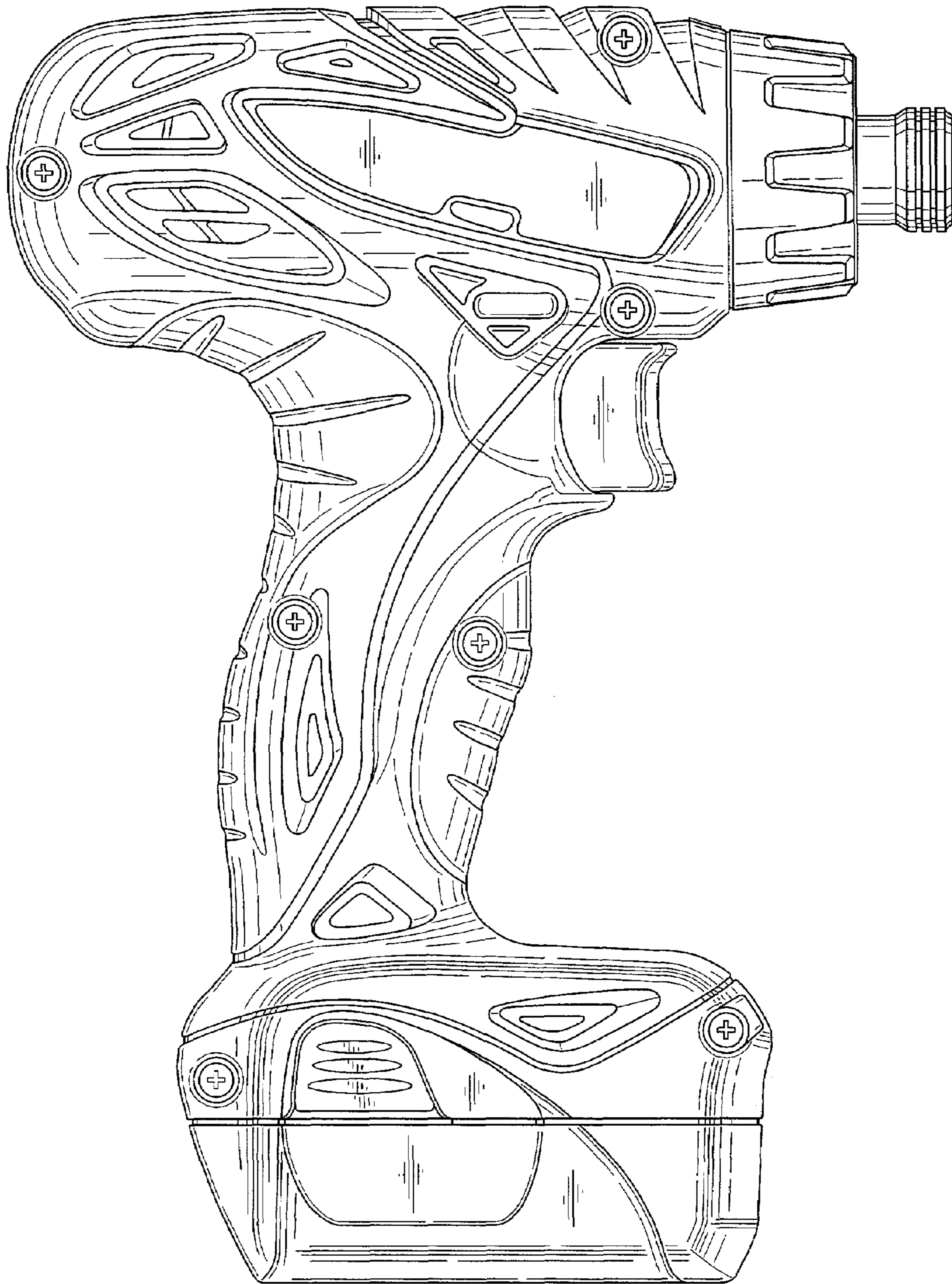


FIG. 3

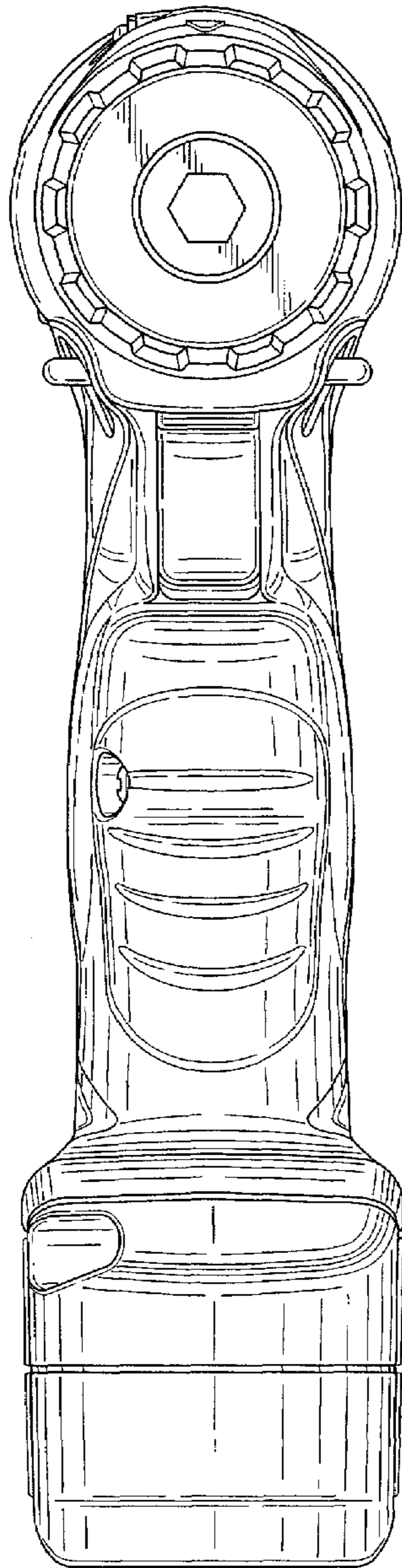


FIG. 4

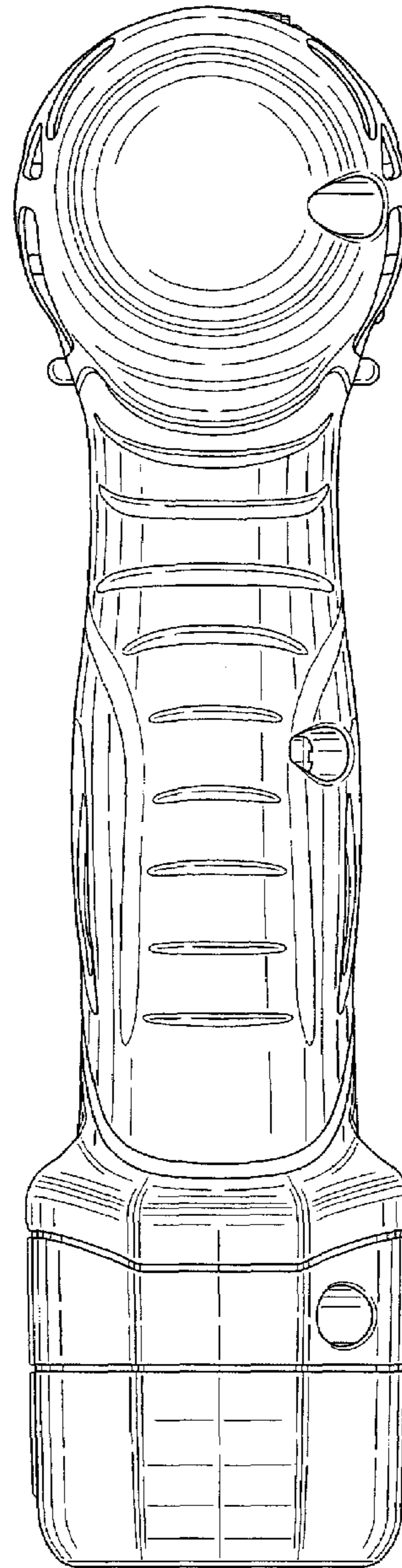


FIG. 5

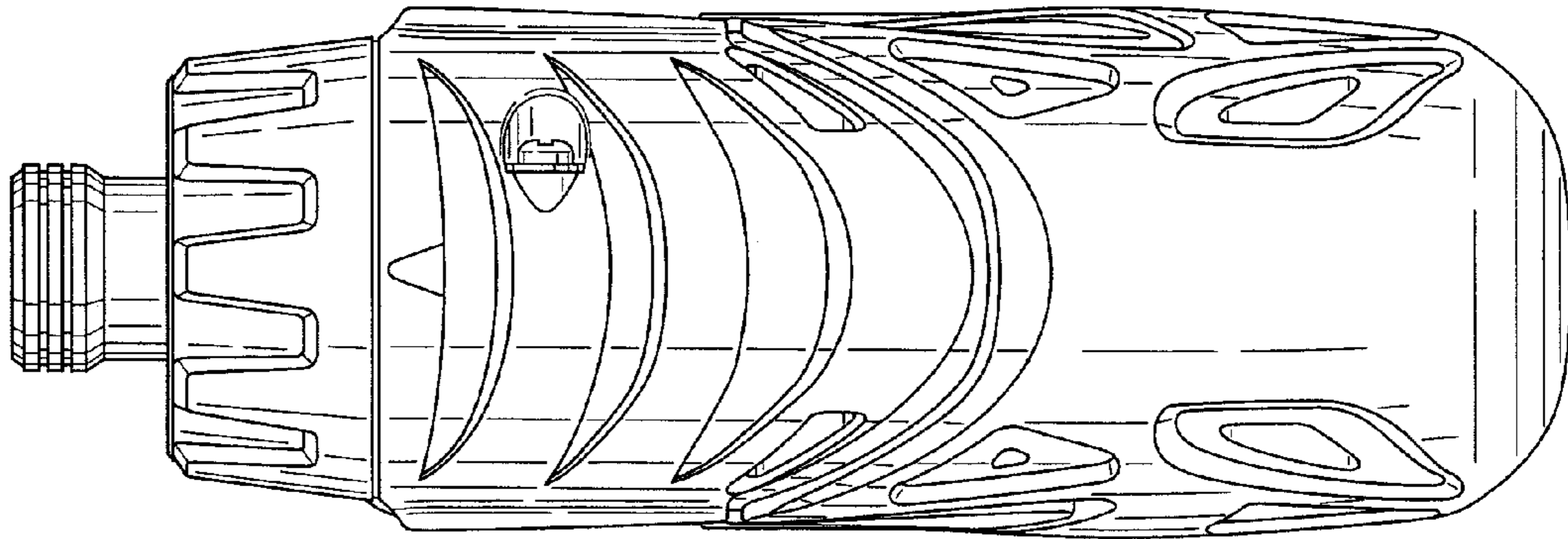


FIG. 6

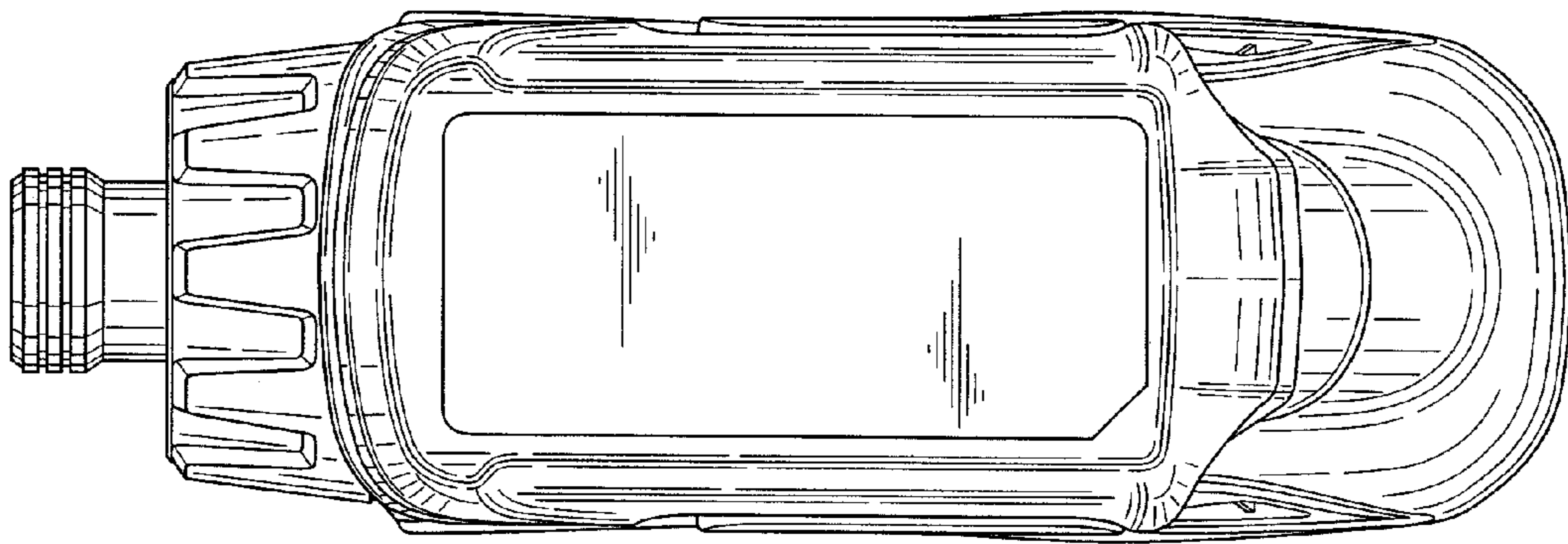


FIG. 7