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(12) **United States Design Patent**
Concari et al.

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(54) **IMPACT DRIVER**

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

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(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

- D419,413 S * 1/2000 Heun D8/68
- D420,877 S * 2/2000 Schultz D8/68
- D421,883 S * 3/2000 Watson et al. D8/68
- 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.
- 6,364,580 B1 * 4/2002 Dils et al. 408/241 R
- D460,674 S * 7/2002 Heun D8/68
- 6,431,289 B1 * 8/2002 Potter et al. 173/217
- D462,248 S * 9/2002 Cooper D8/68
- 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 Kolzumi
- 6,502,648 B2 * 1/2003 Milbourne 173/178
- D469,675 S * 2/2003 Chung D8/68
- D477,205 S * 7/2003 Sakai et al. D8/68

* cited by examiner

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(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.
- D320,917 S 10/1991 Fushiya 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.
- D359,215 S * 6/1995 Zurwelle D8/68
- 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
- D386,662 S * 11/1997 Tozawa et al. D8/68
- D392,863 S 3/1998 Sugimoto et al.
- D396,177 S * 7/1998 Schultz D8/68
- D403,219 S 12/1998 Bosten et al.
- D404,276 S 1/1999 Ghode et al.
- D411,947 S 7/1999 Sugimoto et al.

(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 left side view of FIG. 1.

FIG. 3 is a right side view of FIG. 1.

FIG. 4 is a front view of FIG. 1.

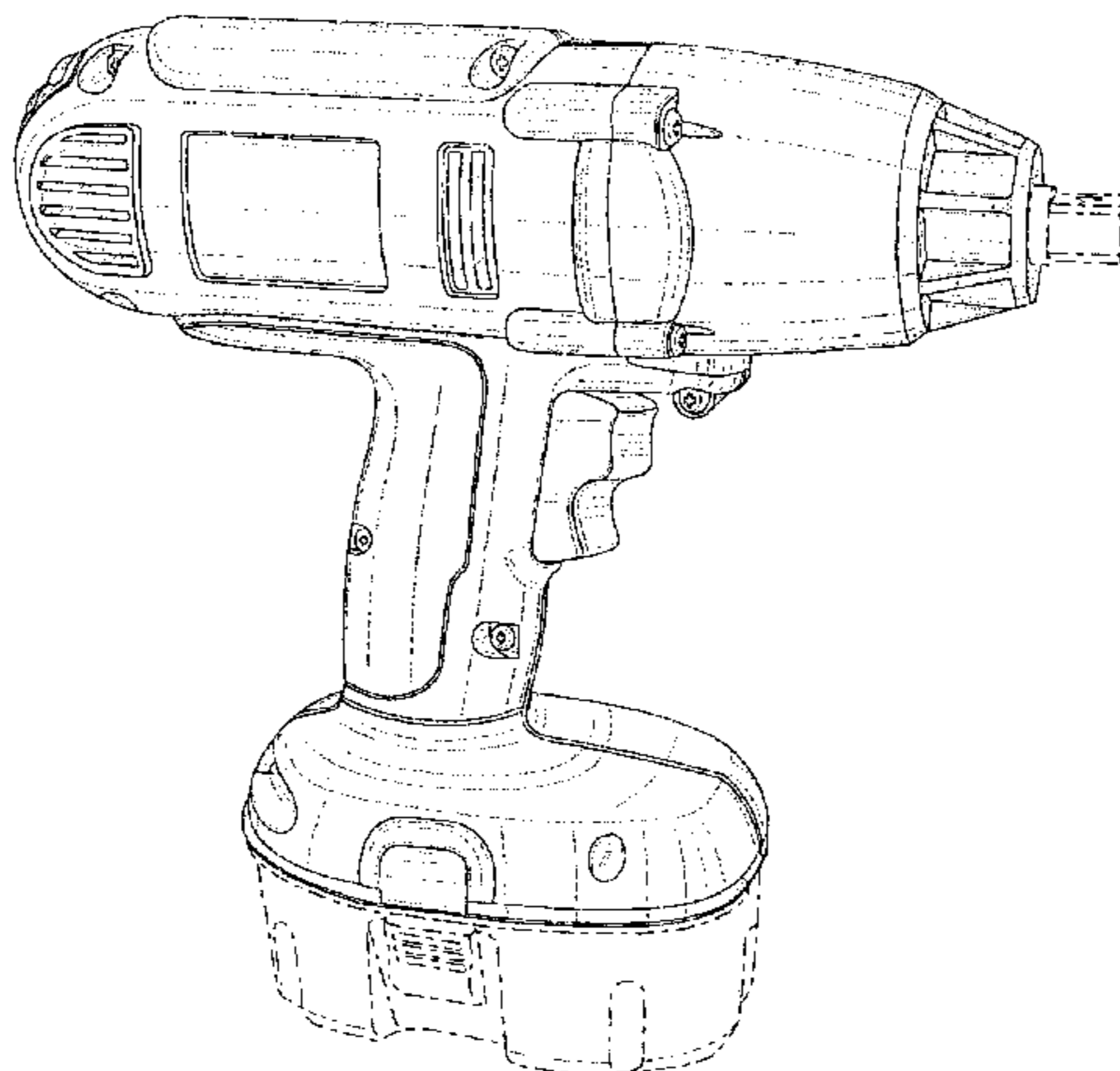
FIG. 5 is a rear view of FIG. 1.

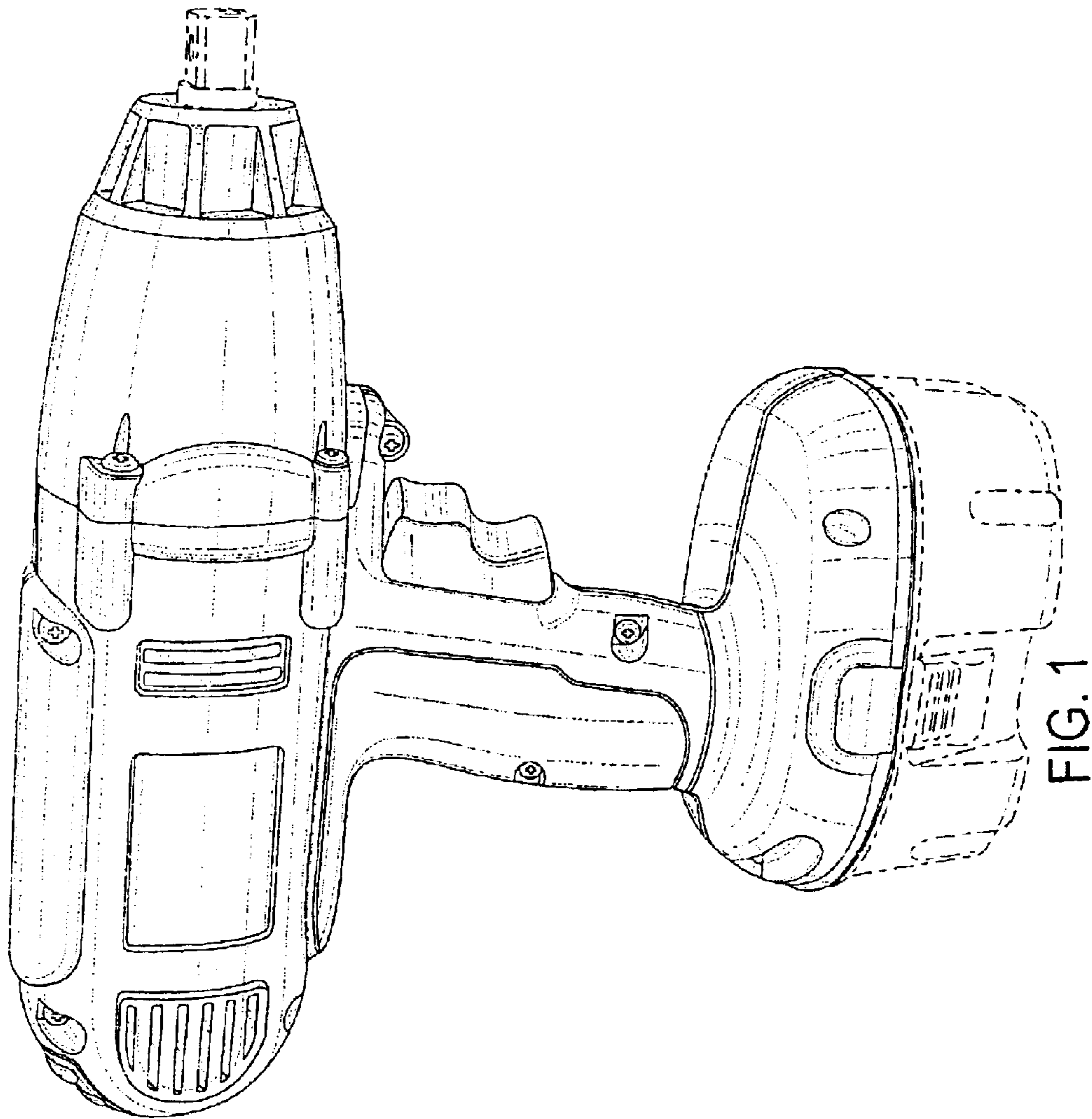
FIG. 6 is a top view of FIG. 1; and,

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, 5 Drawing Sheets





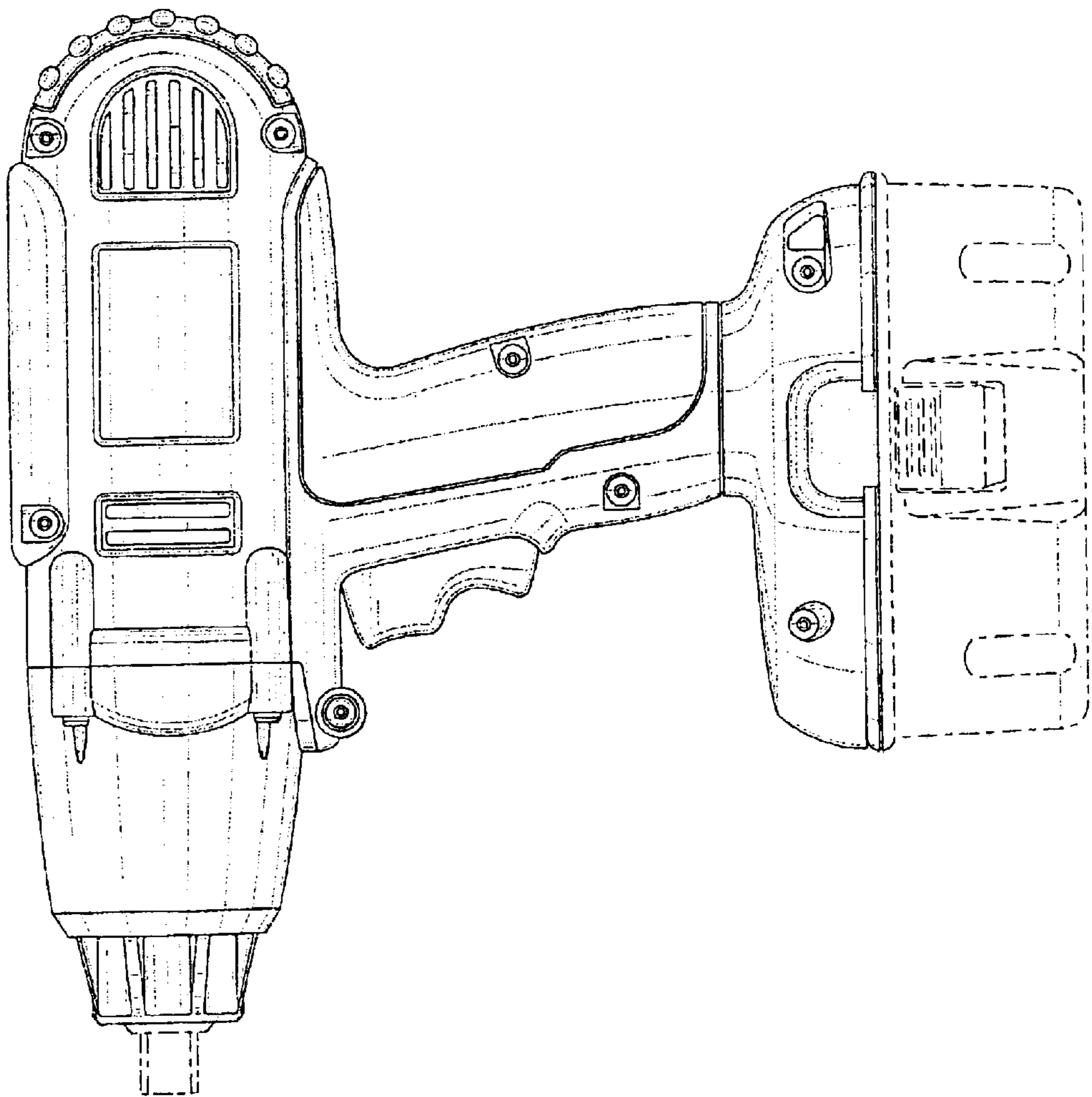


FIG. 2

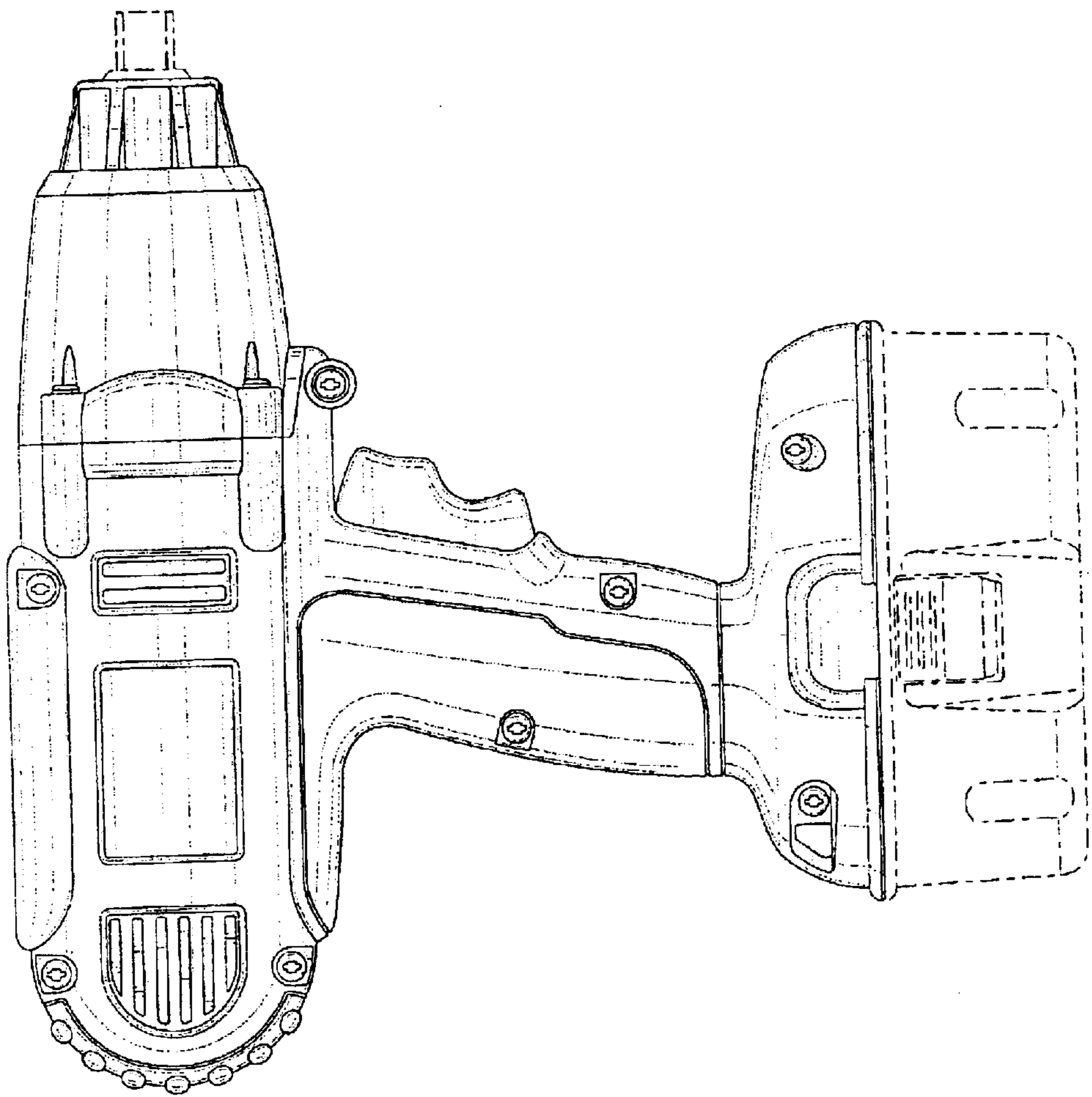


FIG. 3

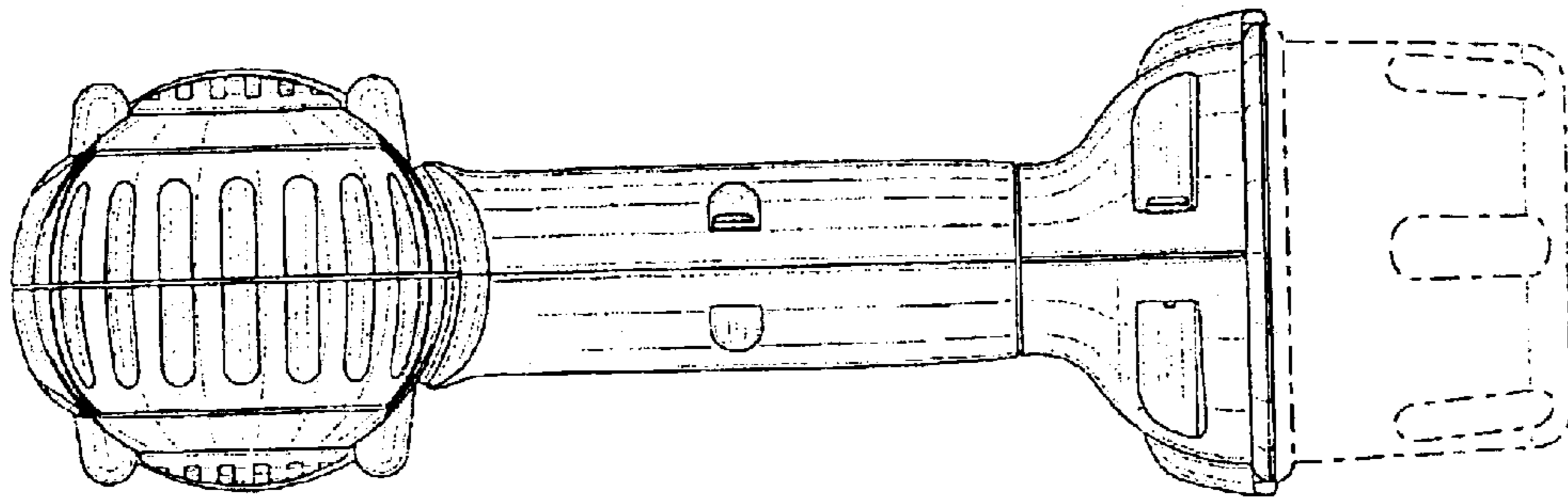


FIG. 5

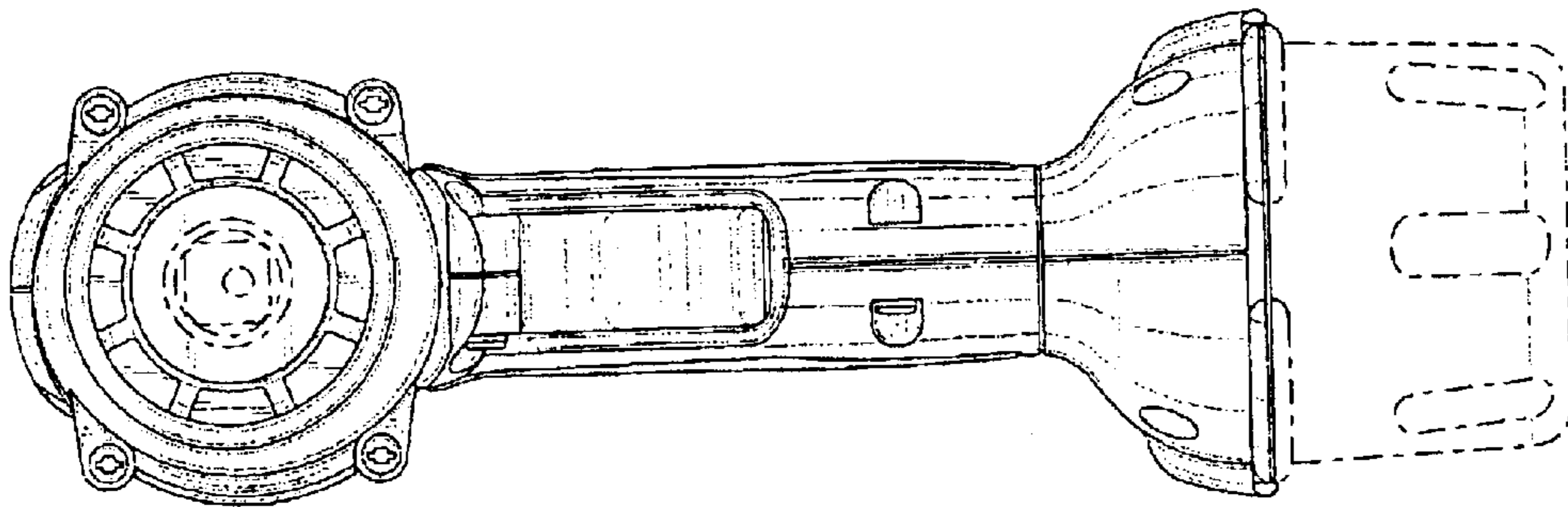


FIG. 4

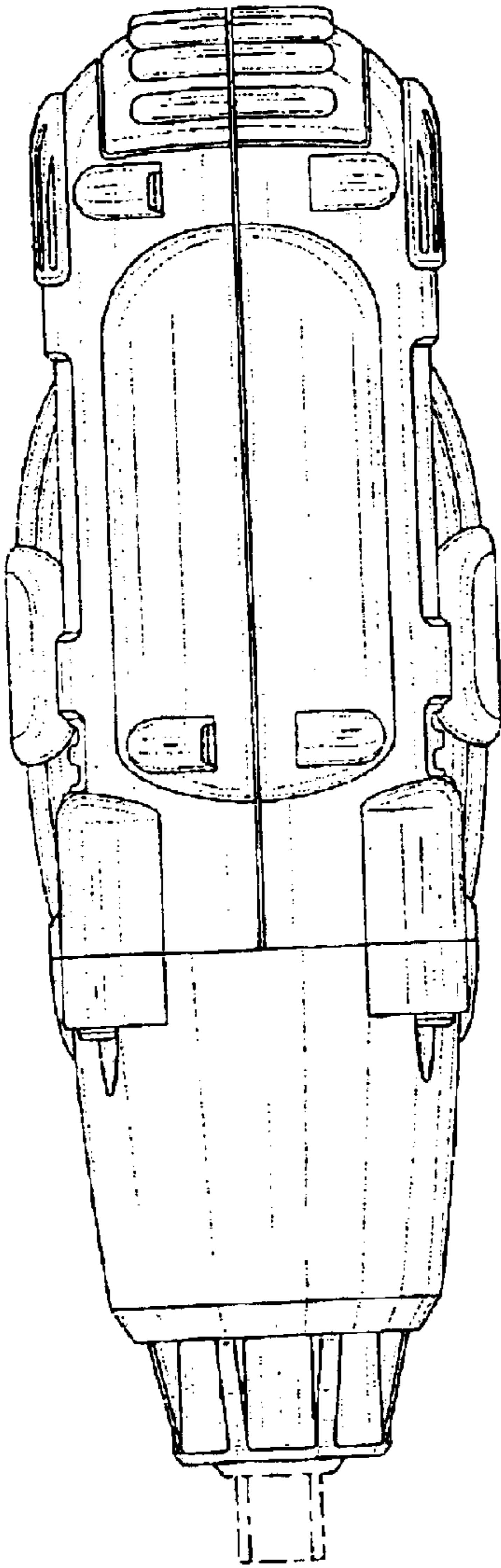


FIG. 6

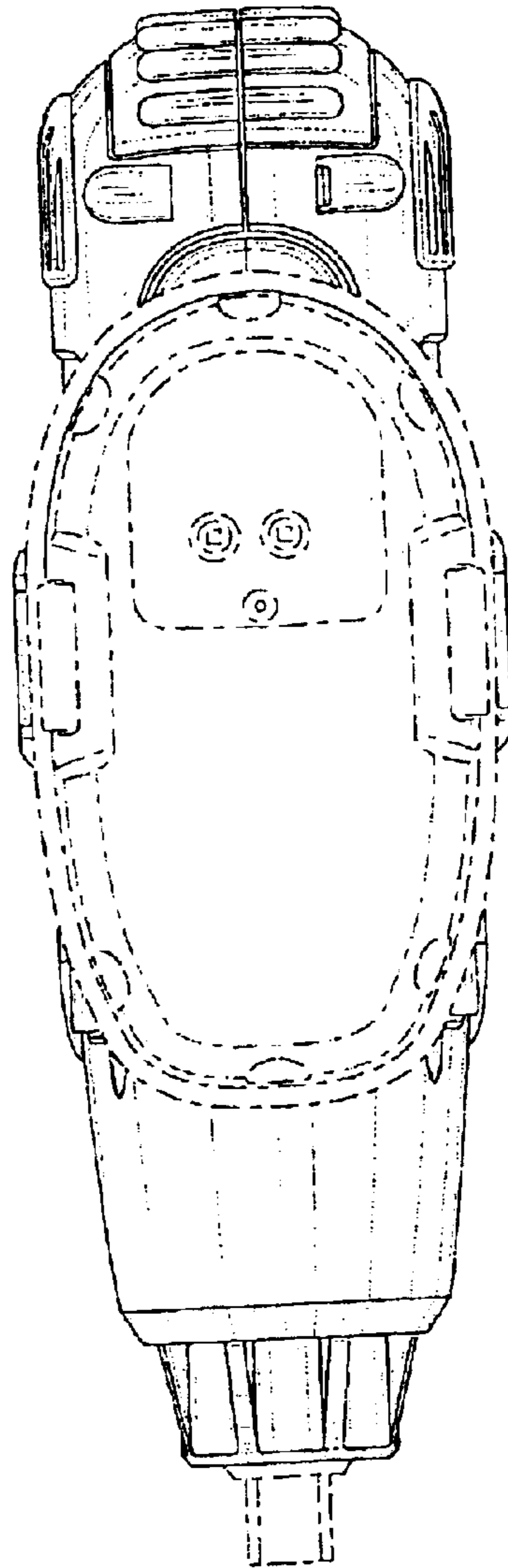


FIG. 7