



US00D716124S

(12) **United States Design Patent**
Kamijyo

(10) **Patent No.:** **US D716,124 S**
(45) **Date of Patent:** **** Oct. 28, 2014**

(54) **BATTERY OPERATED OIL HYDRAULIC
CRIMPING TOOL AND MIDDLE PORTION
OF THE SAME**

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(JP)

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(72) Inventor: **Keiichiro Kamijyo**, Matsumoto (JP)

Izumi Product Catalog "Tools for Electrical Wiring" (2009).

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Primary Examiner — Austin Murphy

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

(74) *Attorney, Agent, or Firm* — Merchant & Gould P.C.

(21) Appl. No.: **29/486,366**

(22) Filed: **Mar. 28, 2014**

(57) **CLAIM**

I claim, the ornamental design for a battery operated oil hydraulic crimping tool and middle portion of the same, as shown and described.

(30) **Foreign Application Priority Data**

DESCRIPTION

Sep. 30, 2013 (JP) 2013-022875

(51) **LOC (10) Cl.** **08-01**

(52) **U.S. Cl.**
USPC **D8/61**

(58) **Field of Classification Search**

CPC B25B 27/10; B25B 27/146; B25B 7/12;
B25B 7/126; B25B 27/00; B25B 28/00;
H01R 43/0428

USPC D8/61, 62, 67, 69; 81/57, 57.11, 57.14,
81/57.26, 429, 464, 469; 173/2, 170, 176,
173/181

See application file for complete search history.

FIG. 1 is a front top perspective view, showing the left side of a middle portion of the battery operated oil hydraulic crimping tool,

FIG. 2 is a rear top perspective view, showing the right side thereof,

FIG. 3 is a front bottom perspective view, showing left side thereof,

FIG. 4 is a rear bottom perspective view, showing the right side thereof,

FIG. 5 is a front view thereof,

FIG. 6 is a rear view thereof,

FIG. 7 is a top plan view thereof,

FIG. 8 is a bottom plan view thereof,

FIG. 9 is a right side view thereof; and,

FIG. 10 is a left side view of thereof.

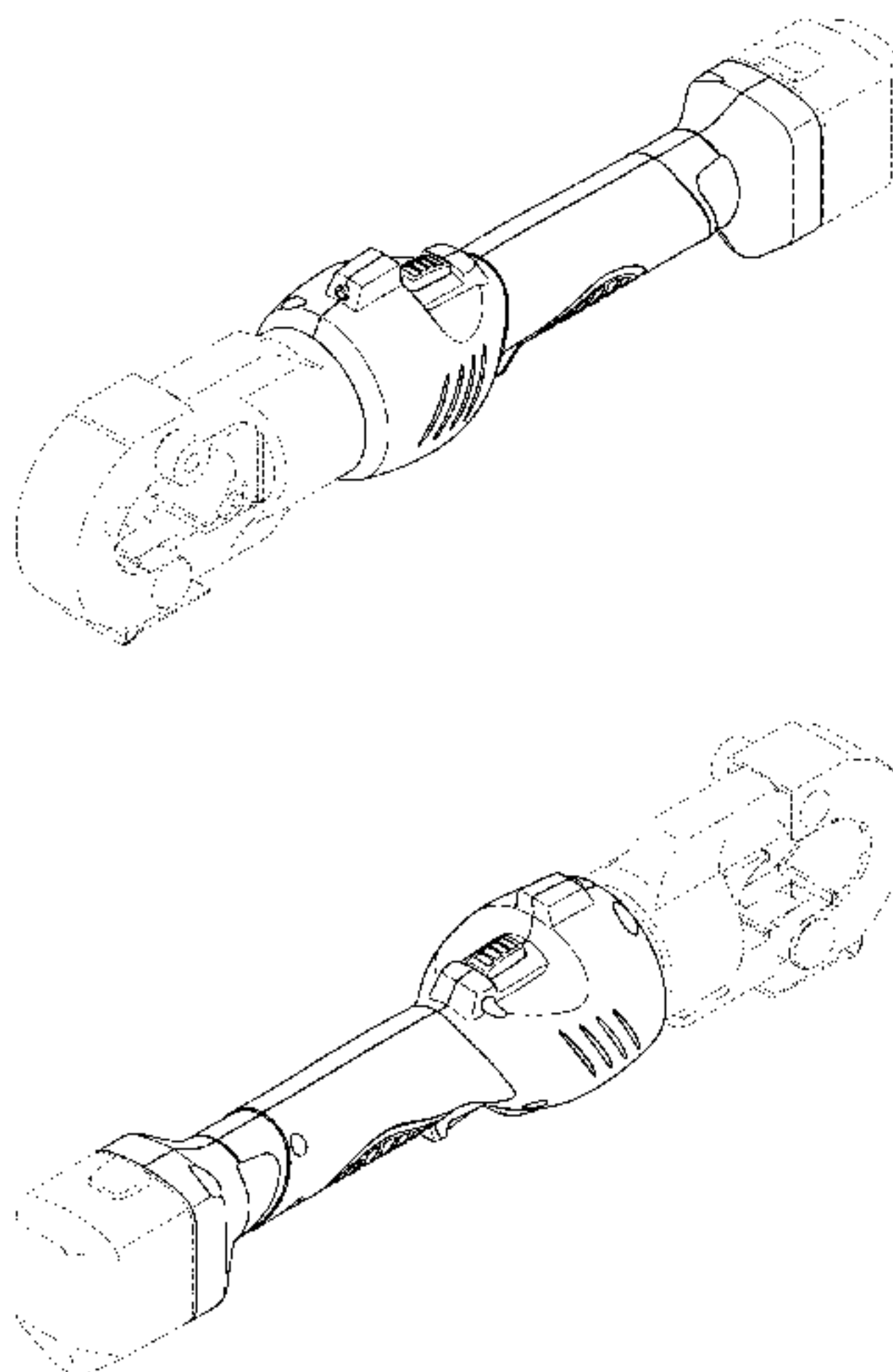
The broken lines shown of the battery operated oil hydraulic crimping tool is included for the purpose of illustrating environmental structure and forms no part of the claimed design. The battery operated oil hydraulic crimping tool is equipped with a rechargeable battery and used to hold and crimp a crimping terminal or sleeve stuck out inward on oil hydraulic pressure.

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1 Claim, 10 Drawing Sheets



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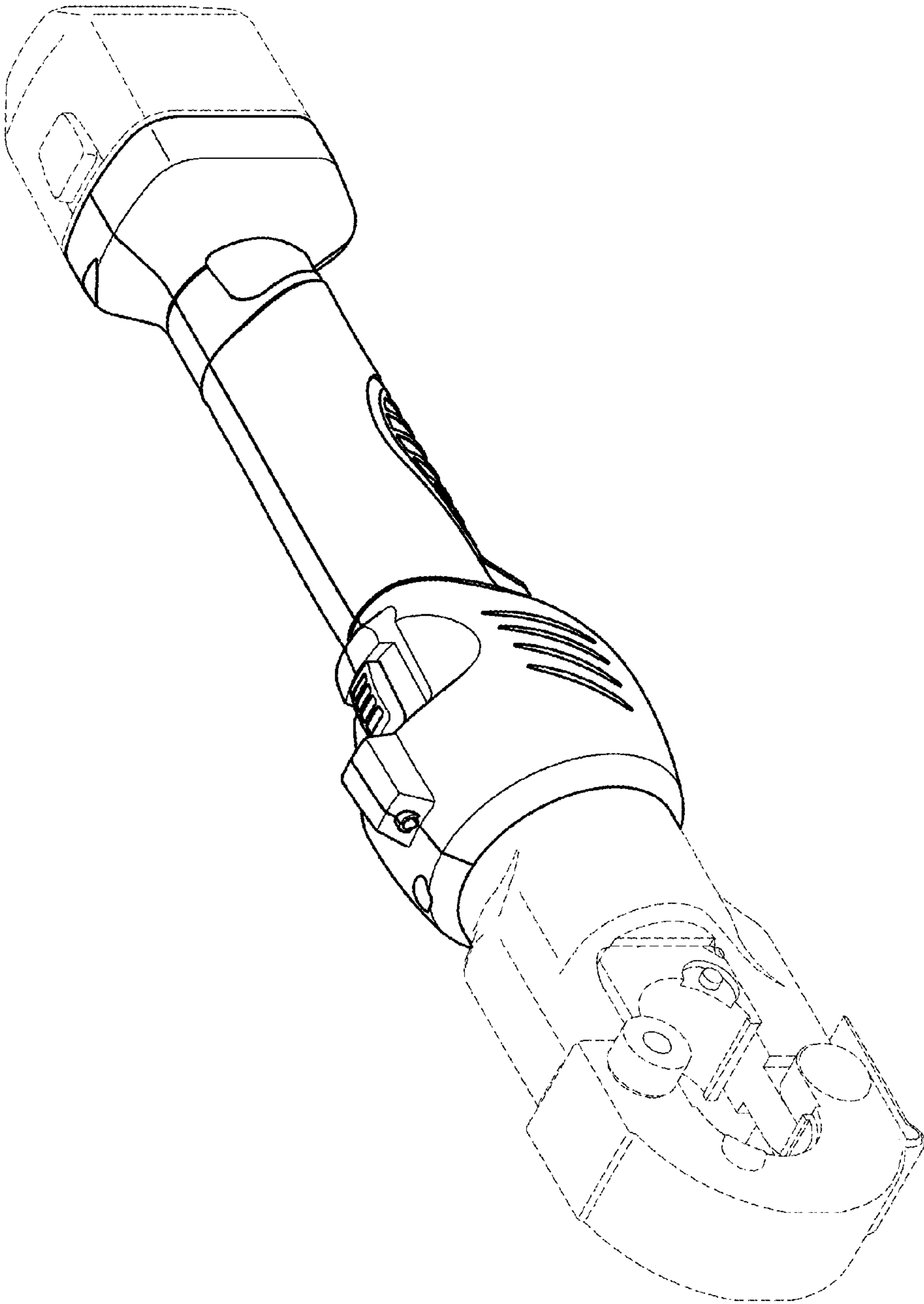
Naksen

D8/68

D8/61

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FIG . 1



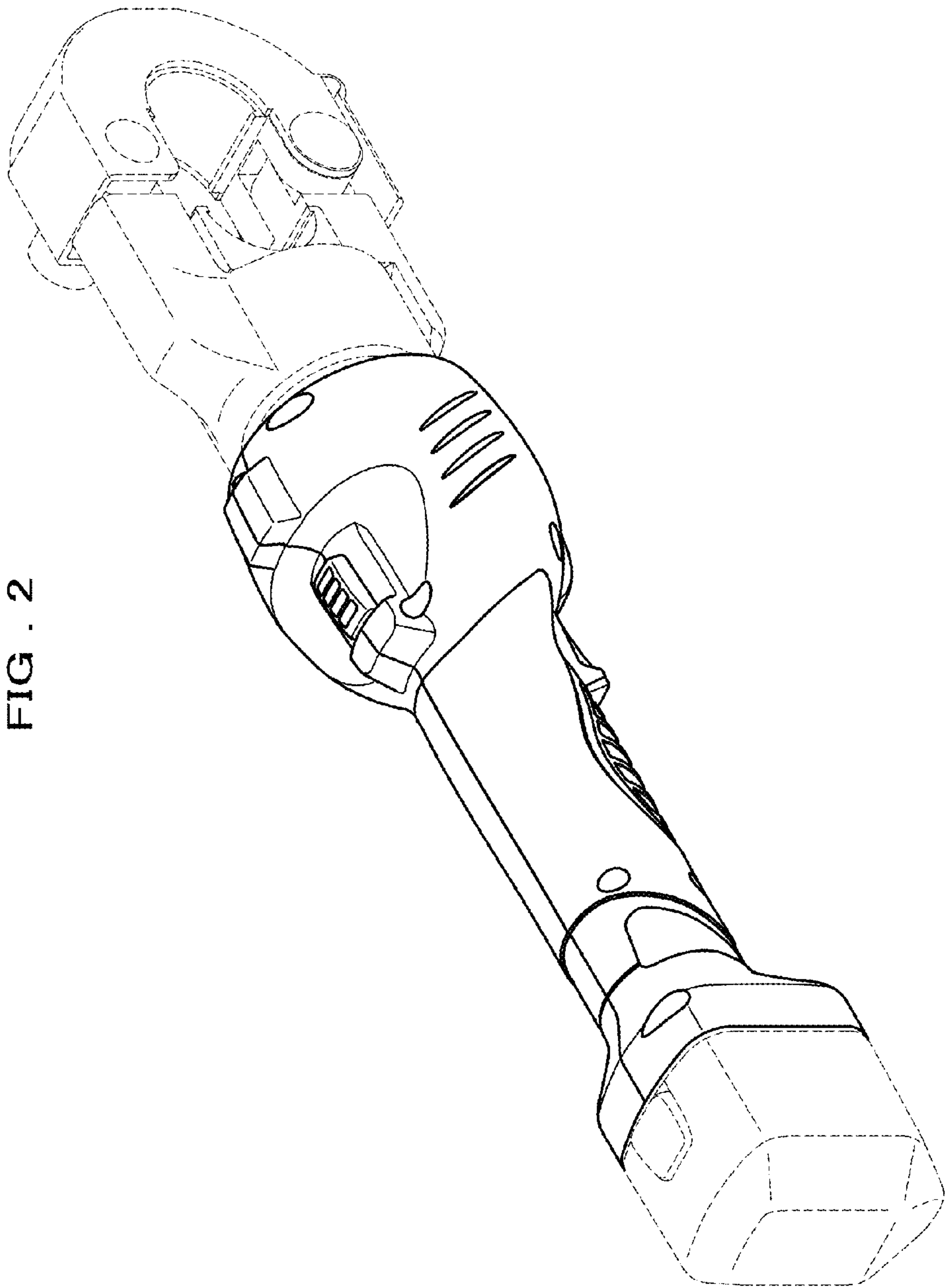


FIG. 2

FIG . 3

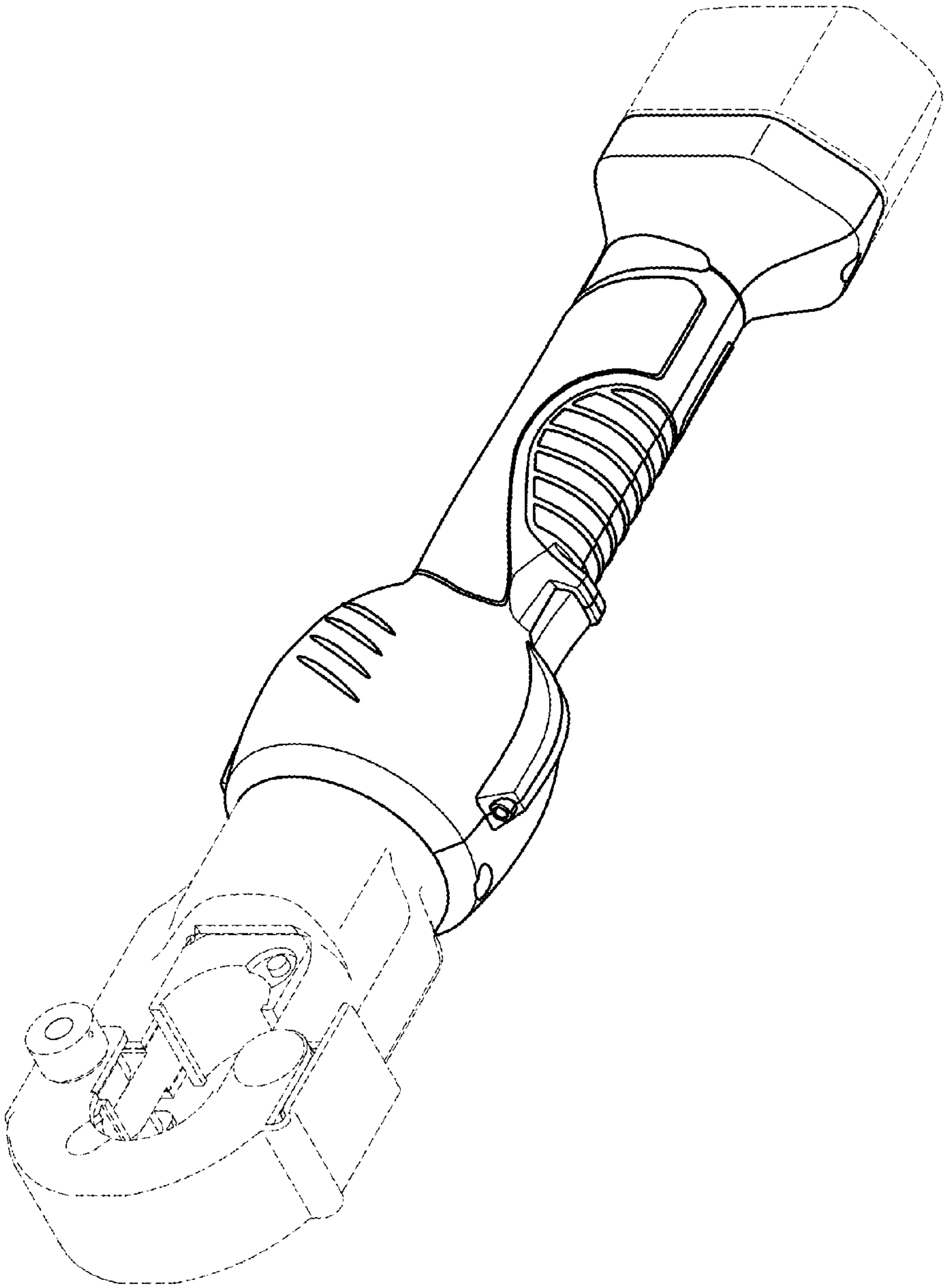


FIG . 4

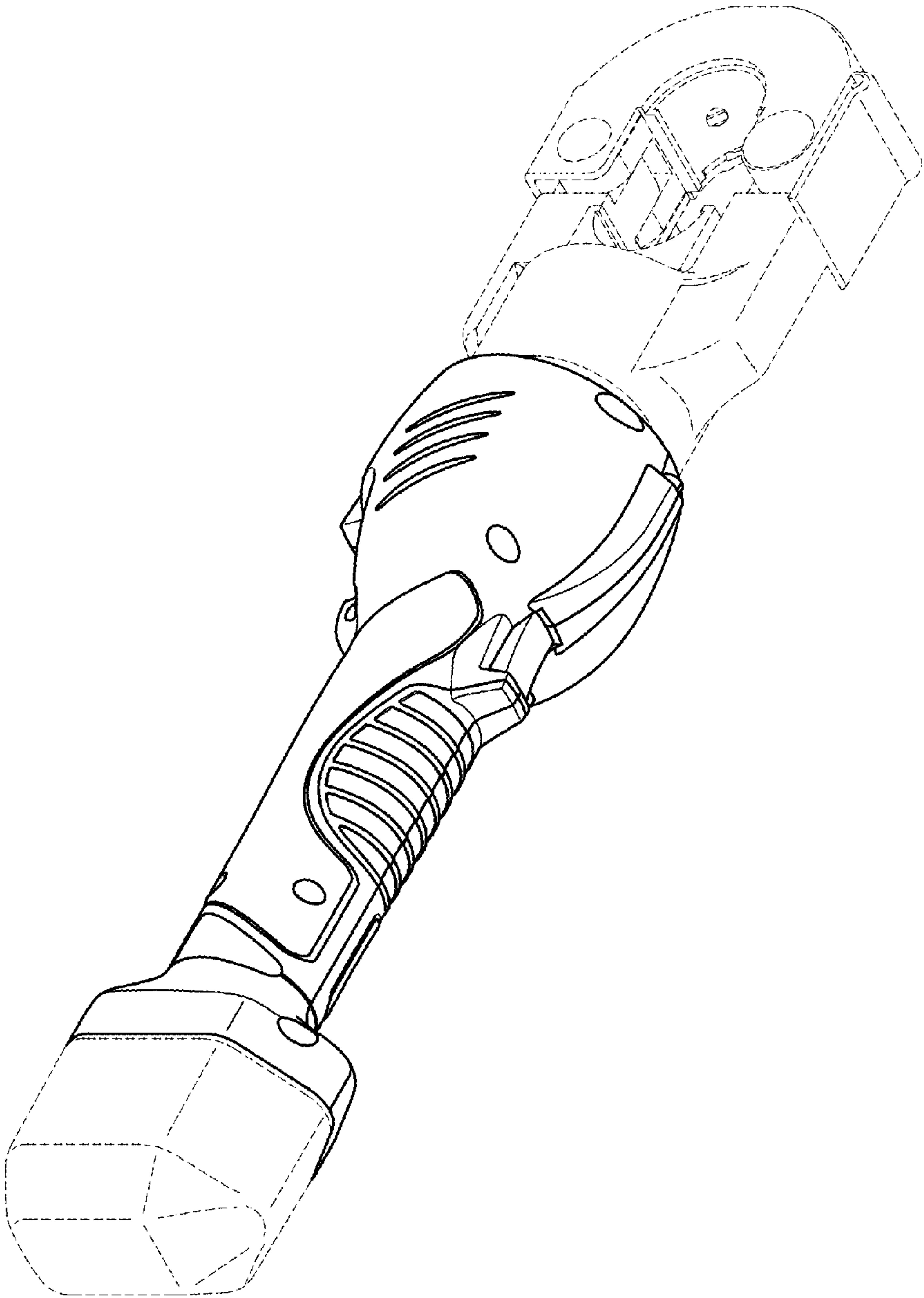


FIG . 5

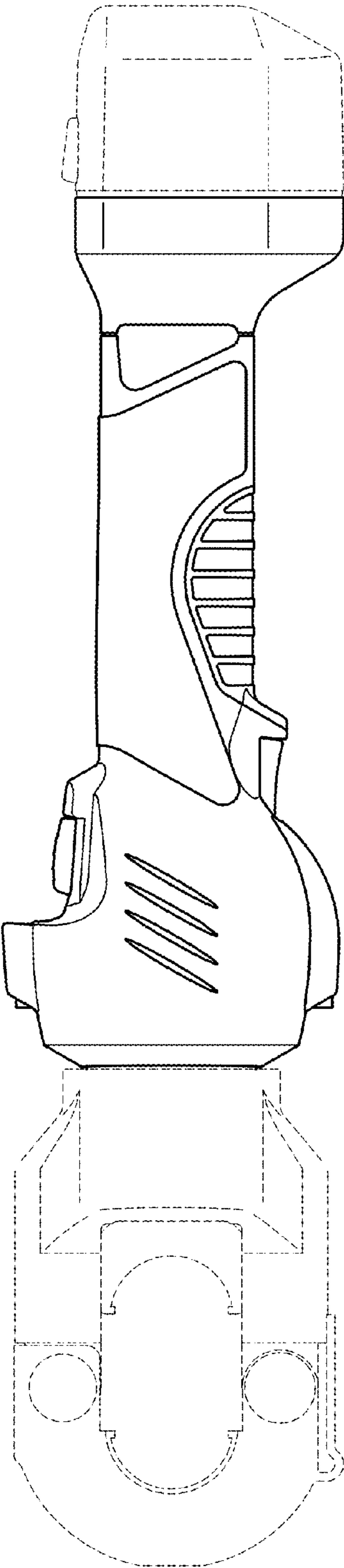


FIG . 6

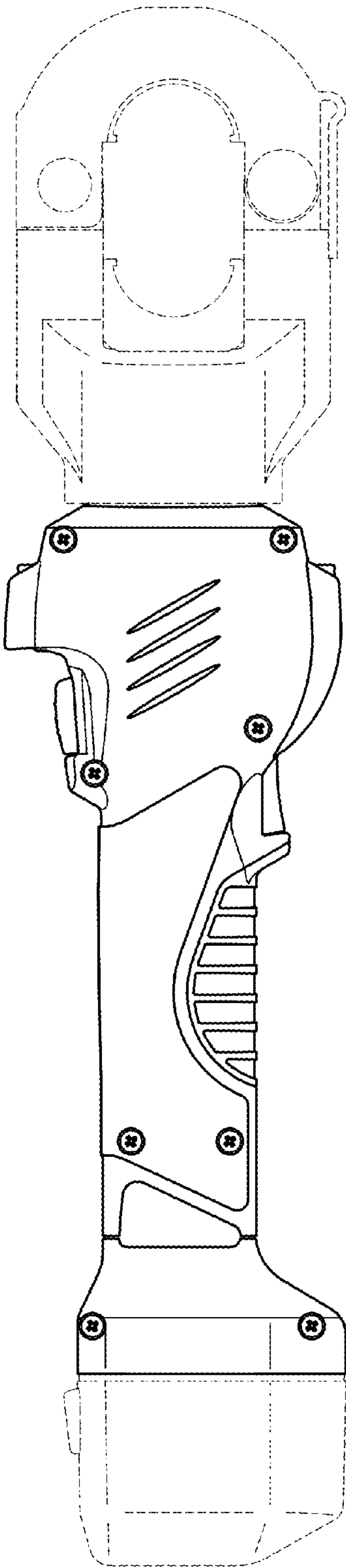


FIG . 7

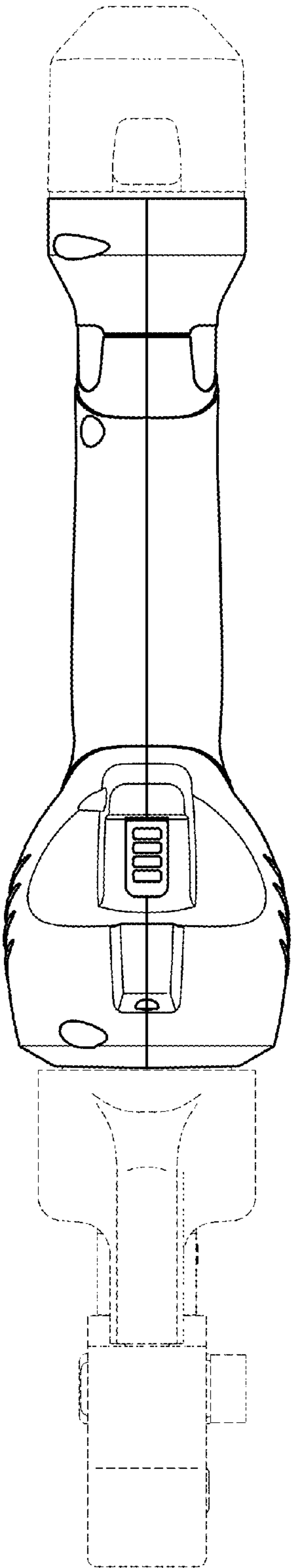


FIG . 8

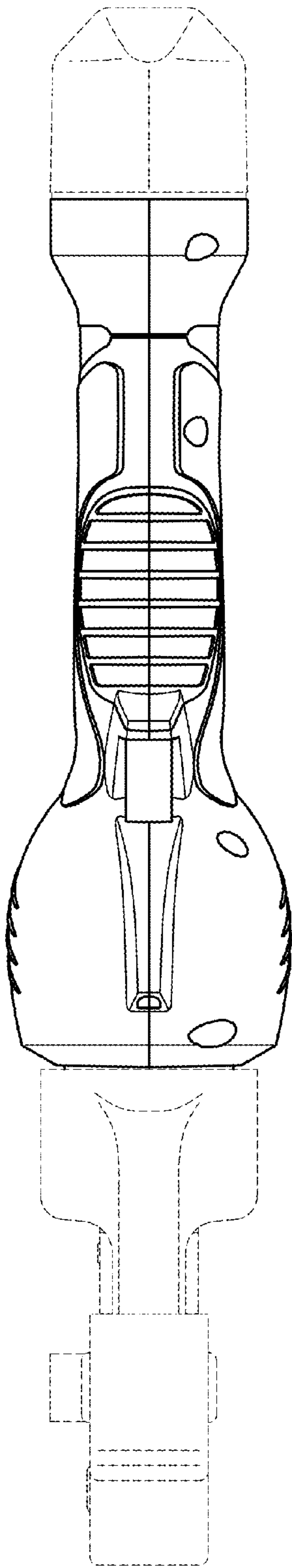


FIG . 9

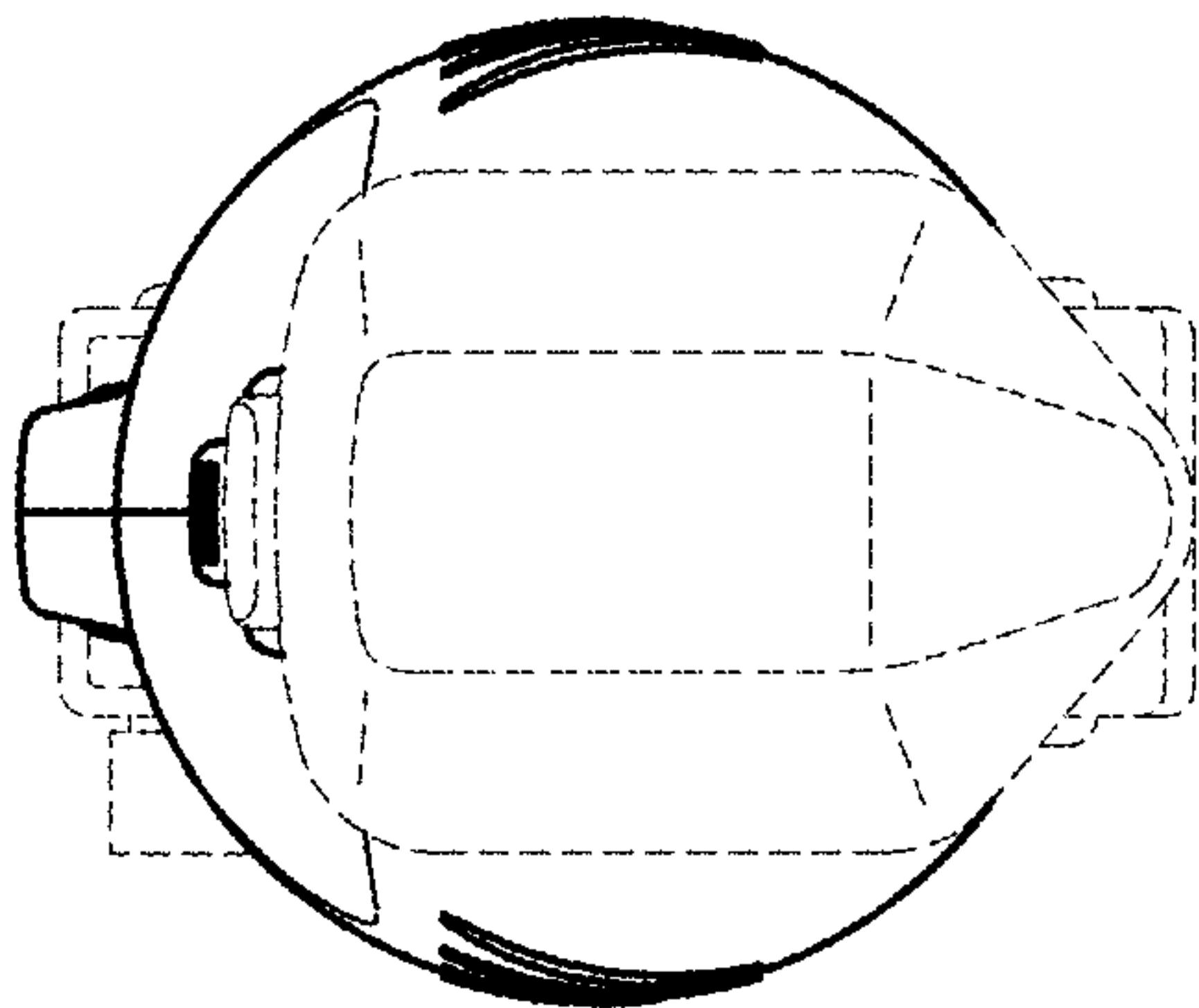


FIG . 10

