US00D677138S

(12) United States Design Patent

Yamamoto et al.

(10) Patent No.: US D677,138 S
(45) Date of Patent: ** Mar. 5, 2013

(54) **PORTABLE ELECTRIC HAMMER DRILL**

(75) Inventors: **Yuji Yamamoto**, Aichi (JP); **Shinji Onoda**, Aichi (JP); **Hitoshi Iida**, Aichi (JP)

(73) Assignee: **Makita Corporation**, Anjo-shi (JP)

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

(21) Appl. No.: **29/397,294**

(22) Filed: **Jul. 14, 2011**

(30) **Foreign Application Priority Data**

Mar. 16, 2011 (JP) 2011-006057

(51) **LOC (9) Cl.** **08-03**
(52) **U.S. Cl.** **D8/69**
(58) **Field of Classification Search** D8/68, D8/69; 81/429, 469; 173/2, 13, 48, 90, 104, 173/109, 114, 122, 162.2, 176, 201, 213, 173/217; 310/47, 50; 408/20, 124, 125
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D378,654	S	*	4/1997	Matsuoka et al.	D8/69
D380,132	S	*	6/1997	Matsunaga et al.	D8/69
D395,586	S	*	6/1998	Arakawa et al.	D8/69
6,412,572	B2	*	7/2002	Habedank et al.	173/217
D474,092	S	*	5/2003	Stirm	D8/69
D491,438	S	*	6/2004	Cheung et al.	D8/68
D509,120	S	*	9/2005	Okuda et al.	D8/69
6,971,456	B2	*	12/2005	Yamada et al.	173/217
D525,849	S	*	8/2006	Hayakawa et al.	D8/69
D526,179	S	*	8/2006	Hayakawa et al.	D8/69
D528,393	S	*	9/2006	Stirm	D8/69
7,182,150	B2	*	2/2007	Grossman	173/198
D543,082	S	*	5/2007	Stirm	D8/69
D555,451	S	*	11/2007	Okuda et al.	D8/69
D563,749	S	*	3/2008	Okuda et al.	D8/69
D575,606	S	*	8/2008	Okouchi et al.	D8/69
D586,639	S	*	2/2009	Yamamoto et al.	D8/69
D604,583	S	*	11/2009	Yamamoto et al.	D8/69
D610,426	S	*	2/2010	Hahn et al.	D8/69
D663,183	S	*	7/2012	Sell	D8/69
2006/0060365	A1	*	3/2006	Kunz	173/48
2011/0186318	A1	*	8/2011	Ichikawa	173/176

FOREIGN PATENT DOCUMENTS

JP	D1091614	S	11/2000

* cited by examiner

Primary Examiner — Philip S Hyder
Assistant Examiner — John T Applewhite
(74) *Attorney, Agent, or Firm* — Posz Law Group, PLC

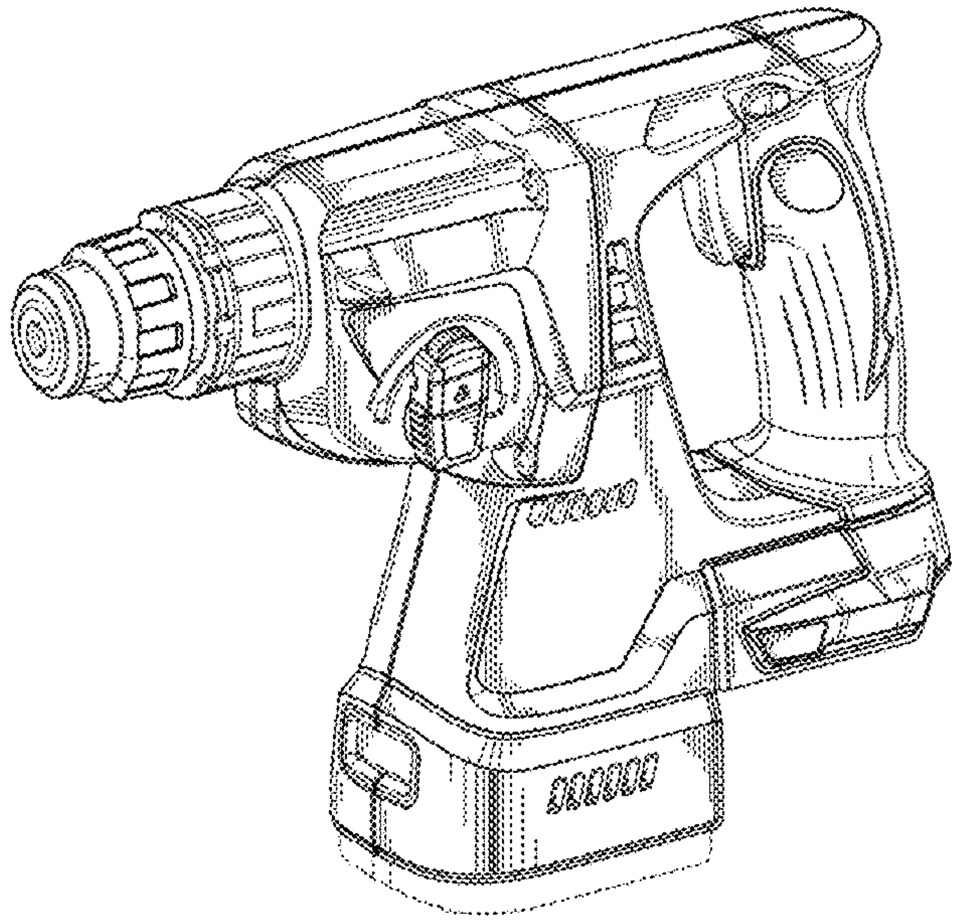
(57) **CLAIM**

The ornamental design for a portable electric hammer drill, as shown and described.

DESCRIPTION

FIG. **1** is a perspective view of top, front, and right side of a portable electric hammer drill showing our new design;
FIG. **2** is a front view thereof;
FIG. **3** is a rear view thereof;
FIG. **4** is a top view thereof;
FIG. **5** is a bottom view thereof;
FIG. **6** is a right side view thereof;
FIG. **7** is a left side view thereof;
FIG. **8** is an alternate perspective view thereof; and,
FIG. **9** is a perspective view of top, front, and right side of a portable electric hammer drill.
The broken line showing of a detachable battery and components is included for the purpose of illustrating the portable electric hammer drill and forms no part of the claimed design.

1 Claim, 9 Drawing Sheets



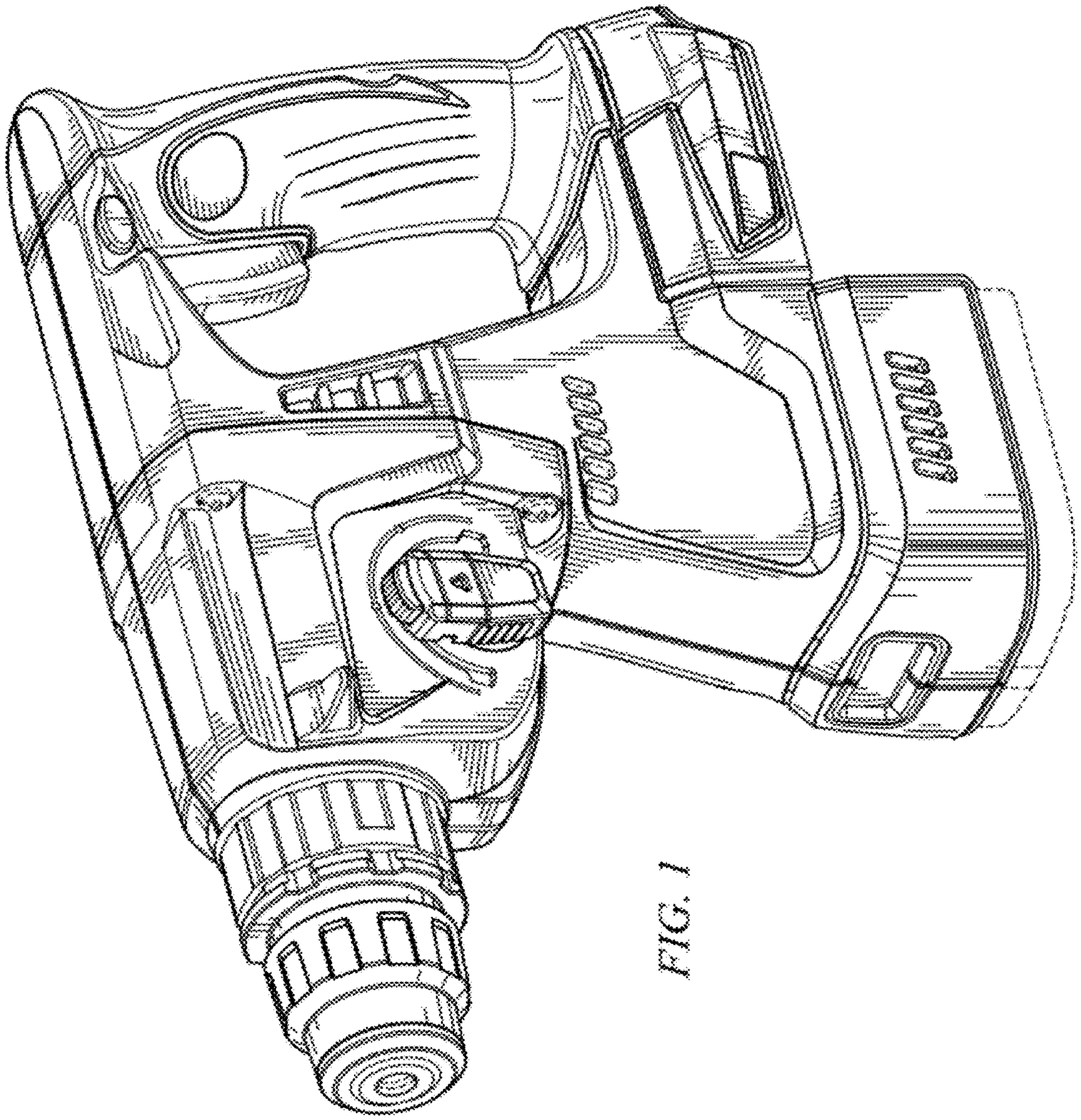


FIG. 1

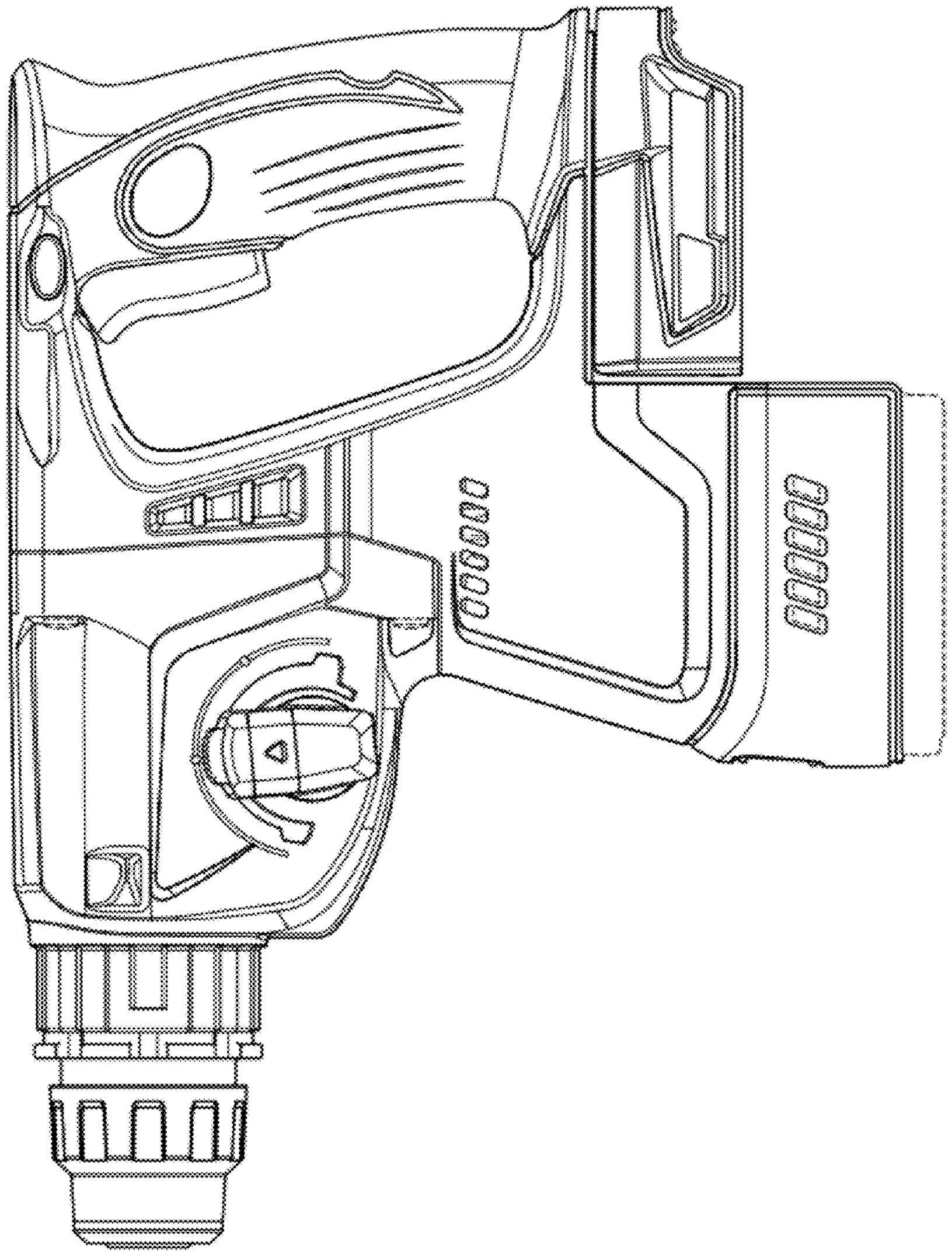


FIG. 2

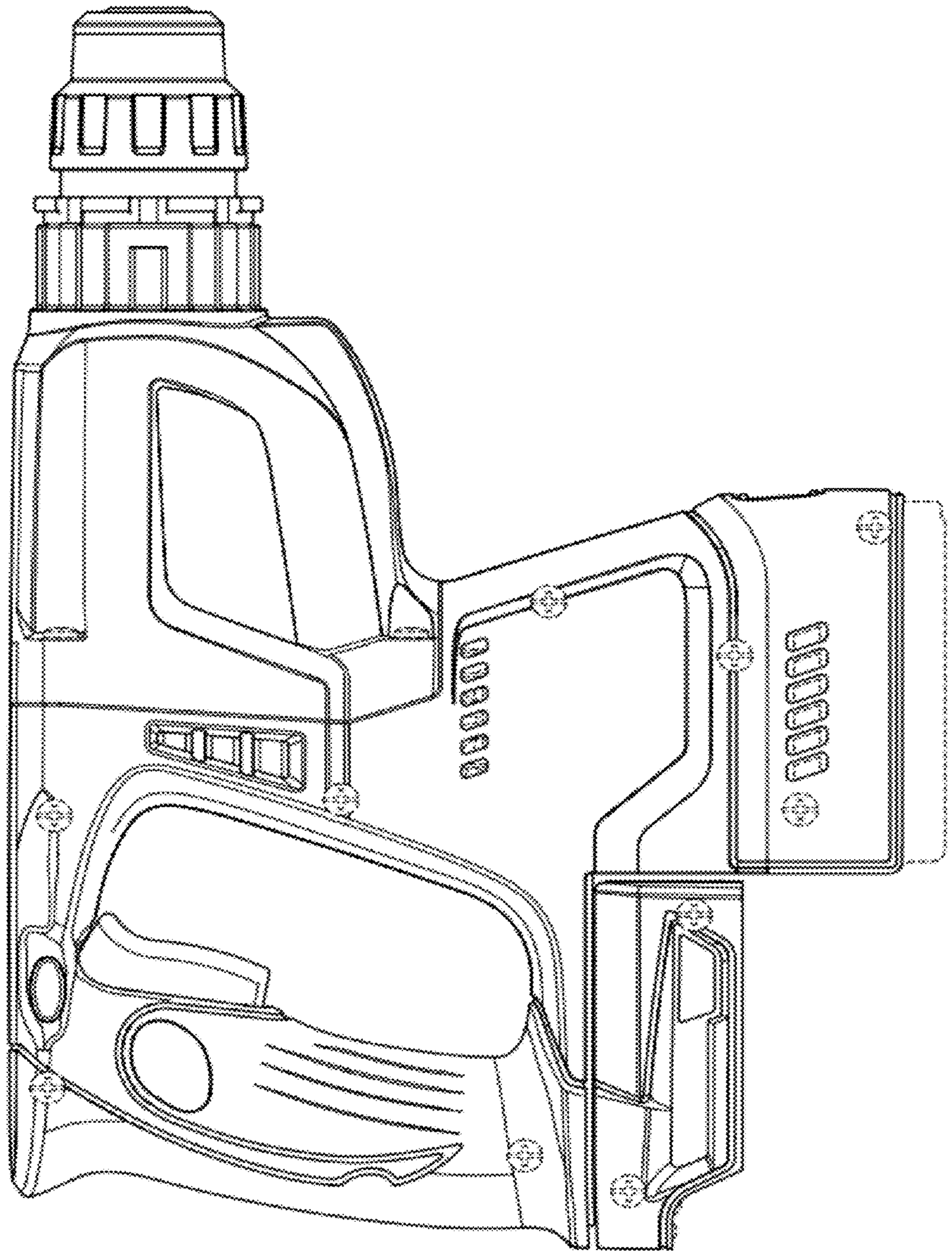


FIG. 3

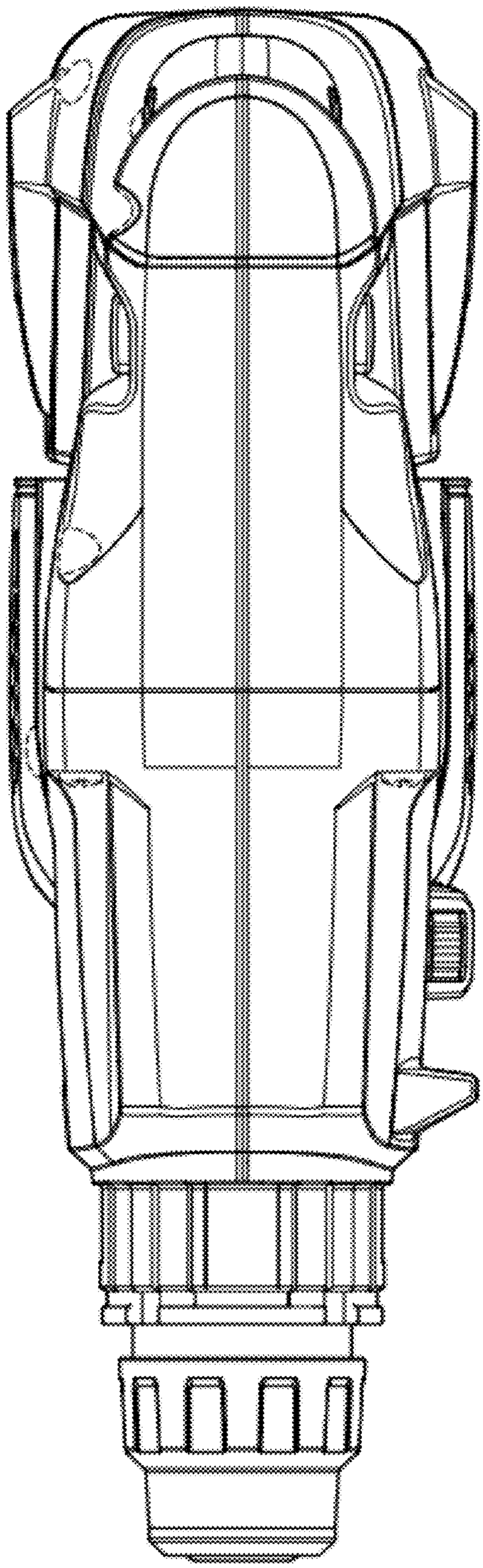


FIG. 4

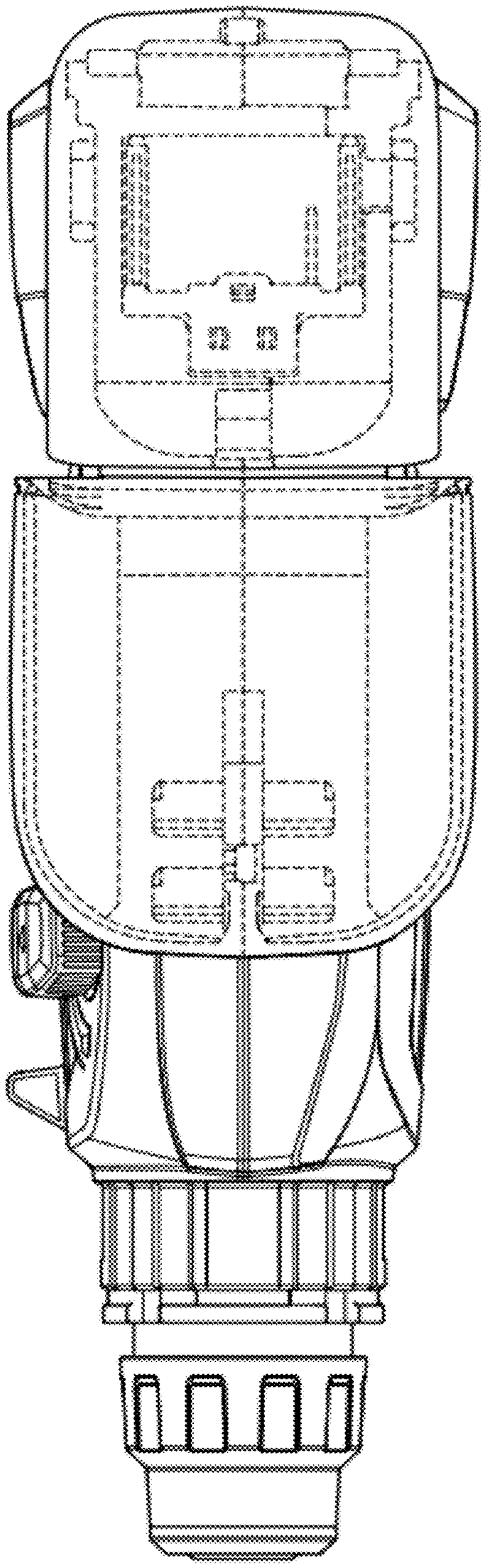


FIG. 5

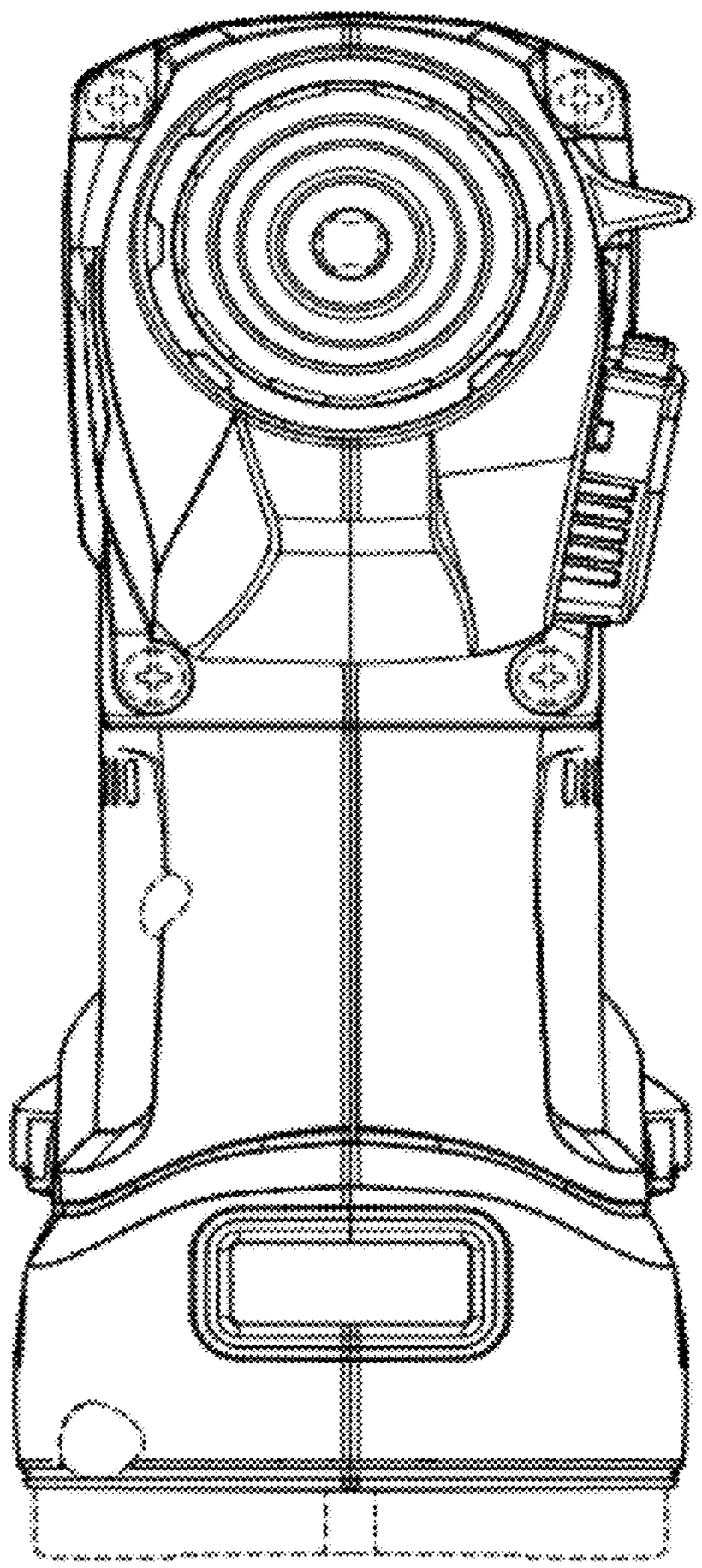


FIG. 6

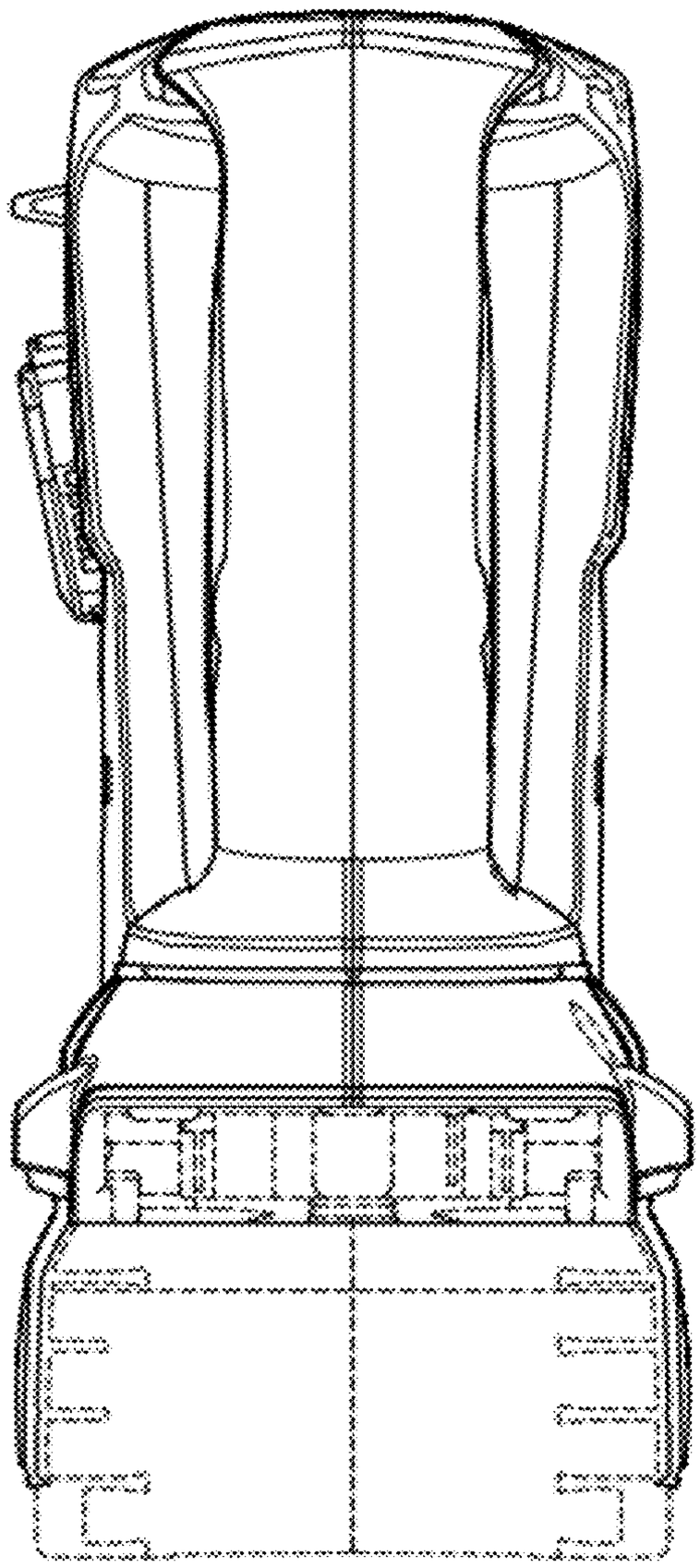


FIG. 7

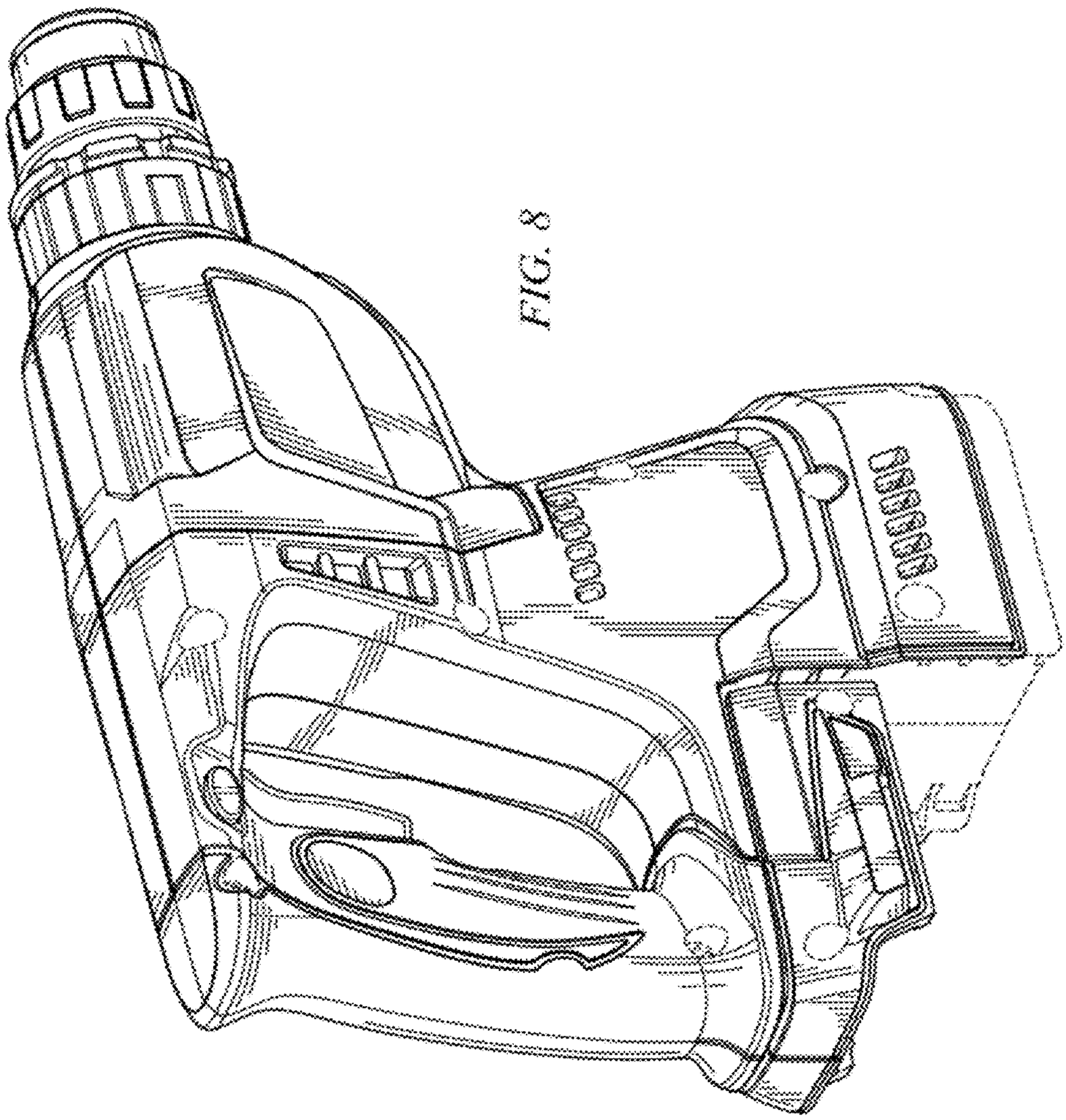


FIG. 8

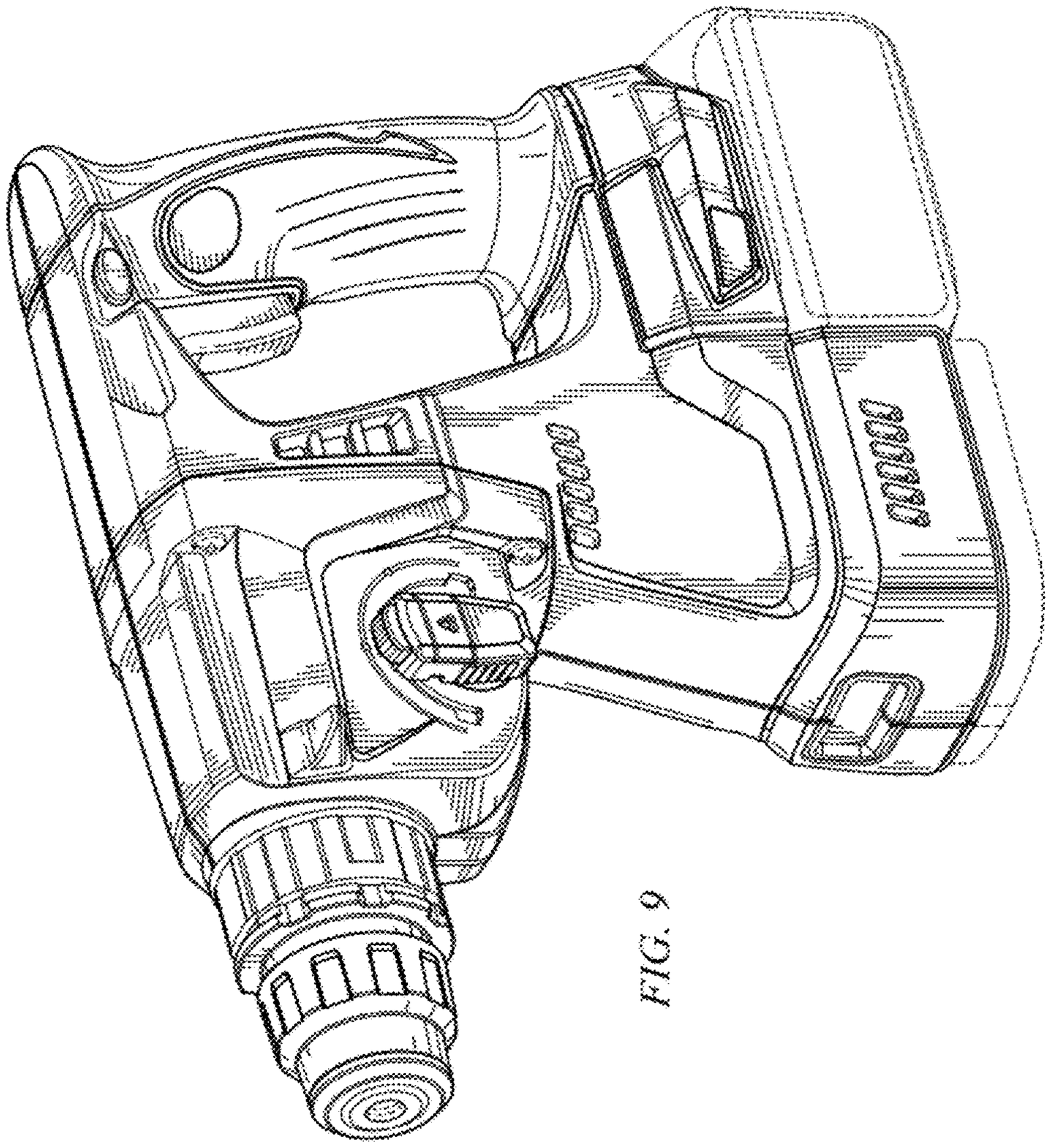


FIG. 9