US00D832725S

(12) United States Design Patent

Hagerty et al.

(10) Patent No.: US D832,725 S
(45) Date of Patent: ** Nov. 6, 2018

(54) **HANDHELD SPECTROSCOPY ANALYZER**

(71) Applicant: **Thermo Scientific Portable Analytical Instruments Inc.**, Tewksbury, MA (US)

(72) Inventors: **Neil P. Hagerty**, Westford, MA (US); **Michael Bush**, Arlington, MA (US)

(73) Assignee: **Thermo Scientific Portable Analytical Instruments Inc.**, Tewksbury, MA (US)

(**) Term: **15 Years**

(21) Appl. No.: **29/606,595**

(22) Filed: **Jun. 6, 2017**

(51) **LOC (11) Cl.** **10-04**

(52) **U.S. Cl.**
USPC **D10/78**; D10/81

(58) **Field of Classification Search**
USPC D10/78, 81
CPC G01N 23/10; G01N 23/223; G01N 2223/076; G01N 29/226; G01N 2223/0763; G01N 2223/0766; H05G 1/02; H05G 1/06; H05G 1/023
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D264,191	S	5/1982	Jondrow	
D496,292	S	9/2004	Sowers	
6,909,770	B2	6/2005	Schramm et al.	
7,375,359	B1	5/2008	Grodzins	
8,759,791	B1	6/2014	Hug et al.	
9,176,080	B2 *	11/2015	Drummy	G01N 23/223
D760,101	S	6/2016	Bacon	
D763,108	S *	8/2016	Hagerty	D10/78
9,939,383	B2 *	4/2018	Day	G01N 21/718
2008/0205592	A1	8/2008	Connors et al.	
2011/0079734	A1	4/2011	Grodzins et al.	

(Continued)

OTHER PUBLICATIONS

Thermo Scientific Niton XRF Analyzers Datasheet, Jul. 2010, 12 pages.

Primary Examiner — Antoine D Davis
(74) *Attorney, Agent, or Firm* — William R. McCarthy, III

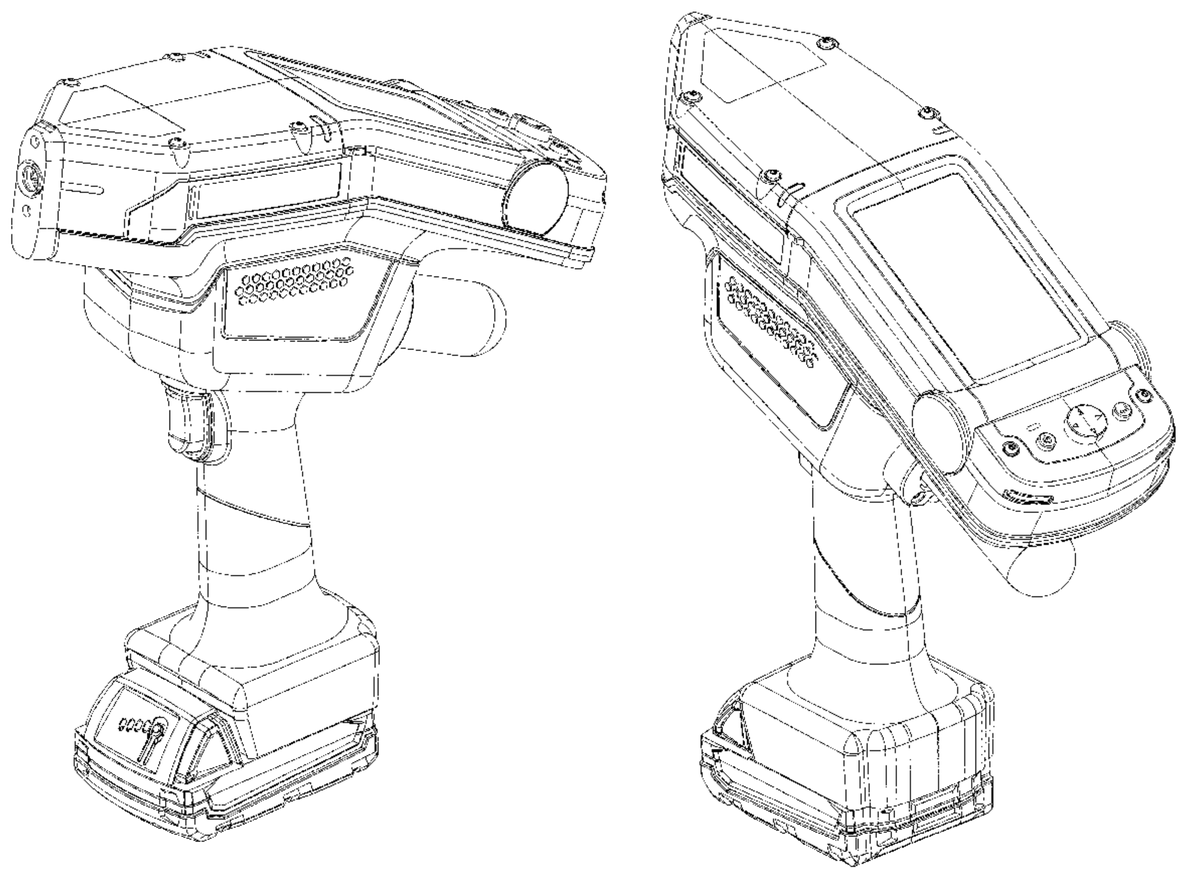
(57) **CLAIM**

The ornamental design for a handheld spectroscopy analyzer, substantially as shown and described.

DESCRIPTION

FIG. **1** is a left elevation view of a first embodiment of a handheld spectroscopy analyzer showing our new design;
FIG. **2** is a left elevation view of the first embodiment of the handheld spectroscopy analyzer, wherein a screen is in a tilted position;
FIG. **3** is a front, left perspective view of the first embodiment of the handheld spectroscopy analyzer;
FIG. **4** is a right elevation view of the first embodiment of the handheld spectroscopy analyzer;
FIG. **5** is a front elevation view of the first embodiment of the handheld spectroscopy analyzer;
FIG. **6** is a front elevation view of the first embodiment of the handheld spectroscopy analyzer, wherein the screen is in the tilted position;
FIG. **7** is a back elevation view of the first embodiment of the handheld spectroscopy analyzer;
FIG. **8** is a back, left perspective view of the first embodiment of the handheld spectroscopy analyzer;
FIG. **9** is a back, left perspective view of the first embodiment of the handheld spectroscopy analyzer, wherein the screen is in the tilted position;
FIG. **10** is a top plan view of the first embodiment of the handheld spectroscopy analyzer; and,
FIG. **11** is a bottom plan view of the first embodiment of the handheld spectroscopy analyzer.

1 Claim, 11 Drawing Sheets



(56) **References Cited**

U.S. PATENT DOCUMENTS

2013/0022166	A1	1/2013	Drummy
2013/0136238	A1	5/2013	Laws et al.
2014/0301530	A1	10/2014	Failla, Jr. et al.
2014/0307849	A1	10/2014	Cancre et al.
2014/0328468	A1	11/2014	Pomerantz et al.
2015/0036804	A1	2/2015	Dunham et al.
2015/0212018	A1	7/2015	Shields et al.

* cited by examiner

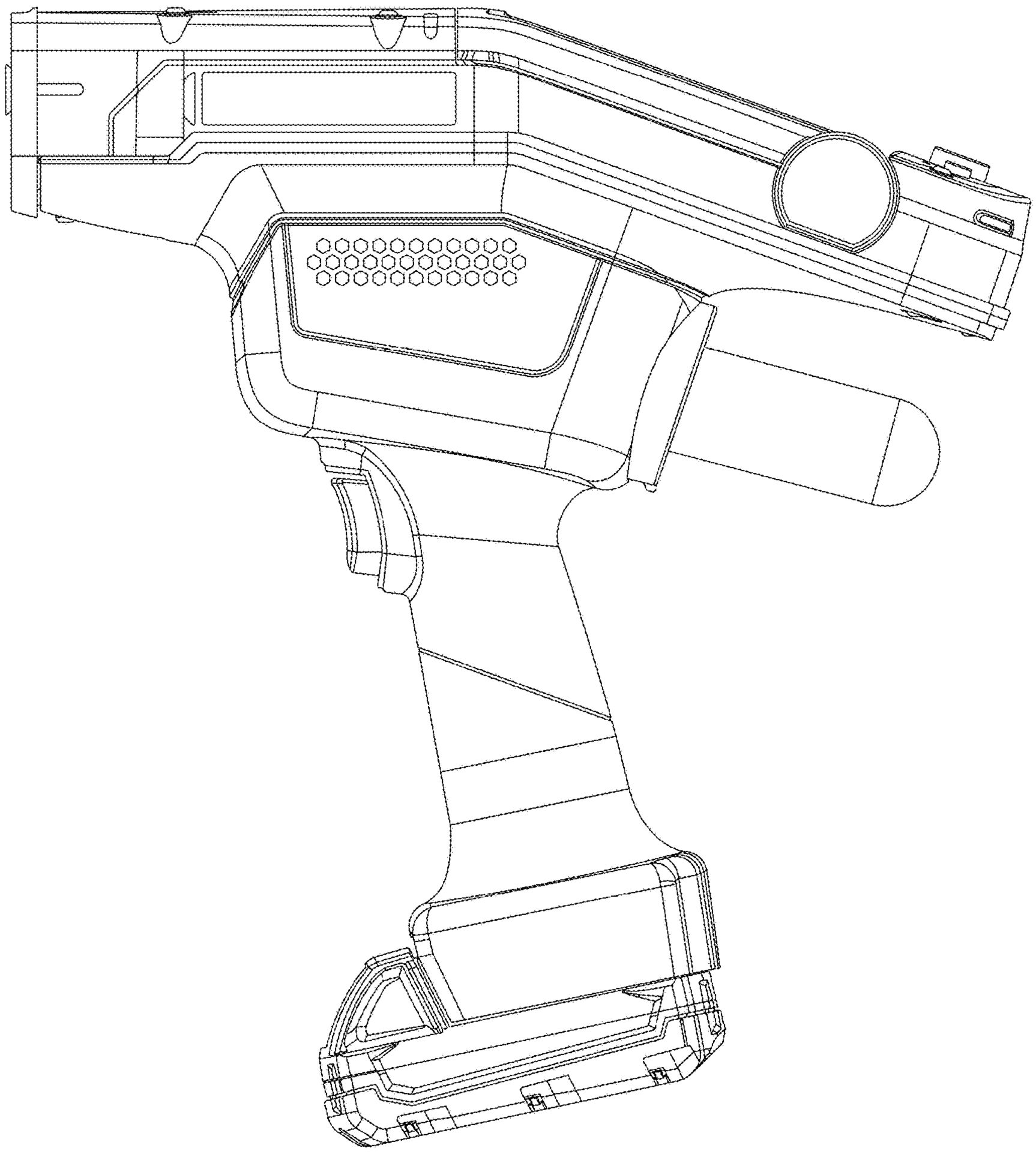


FIG. 1

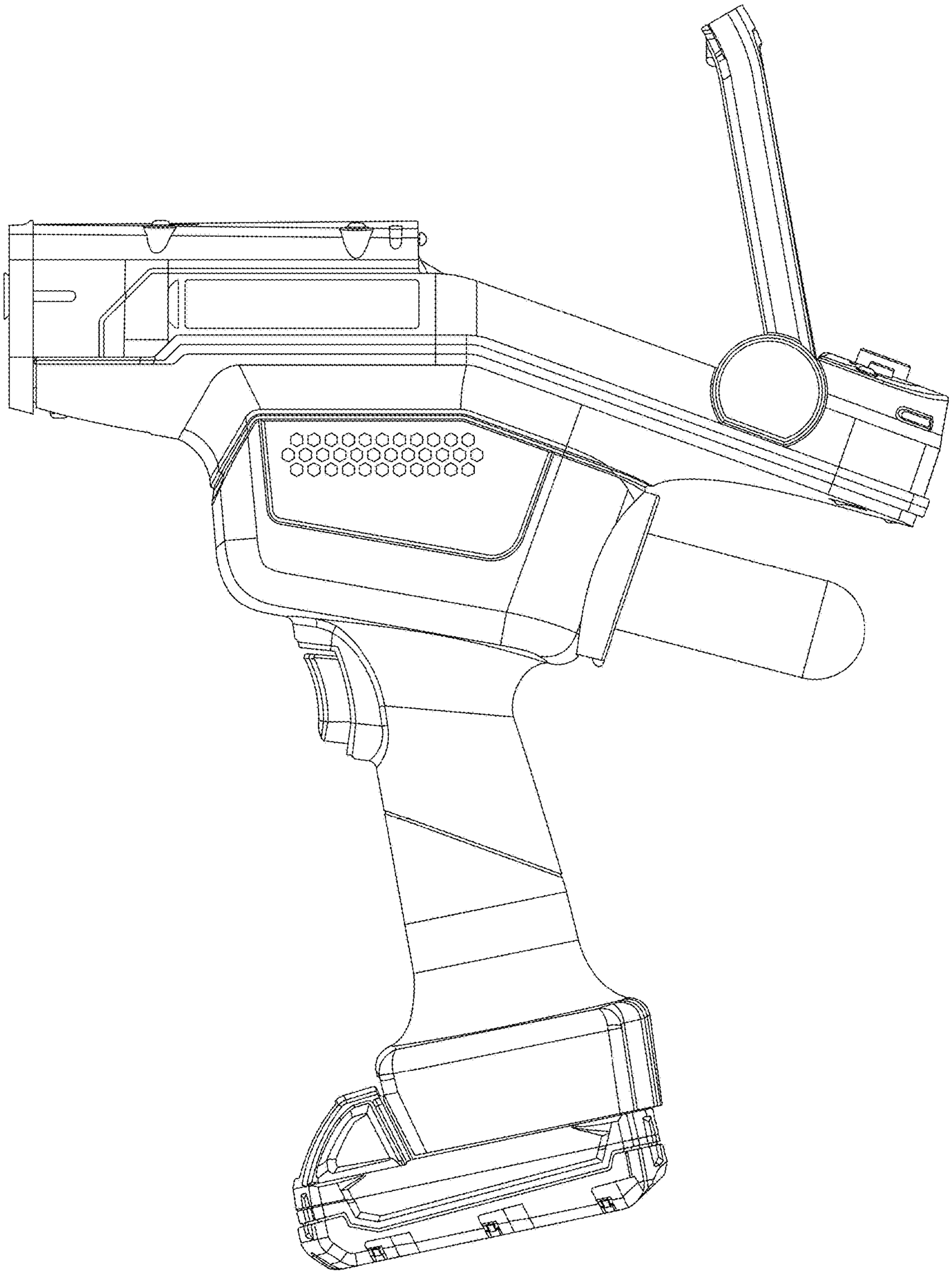


FIG. 2

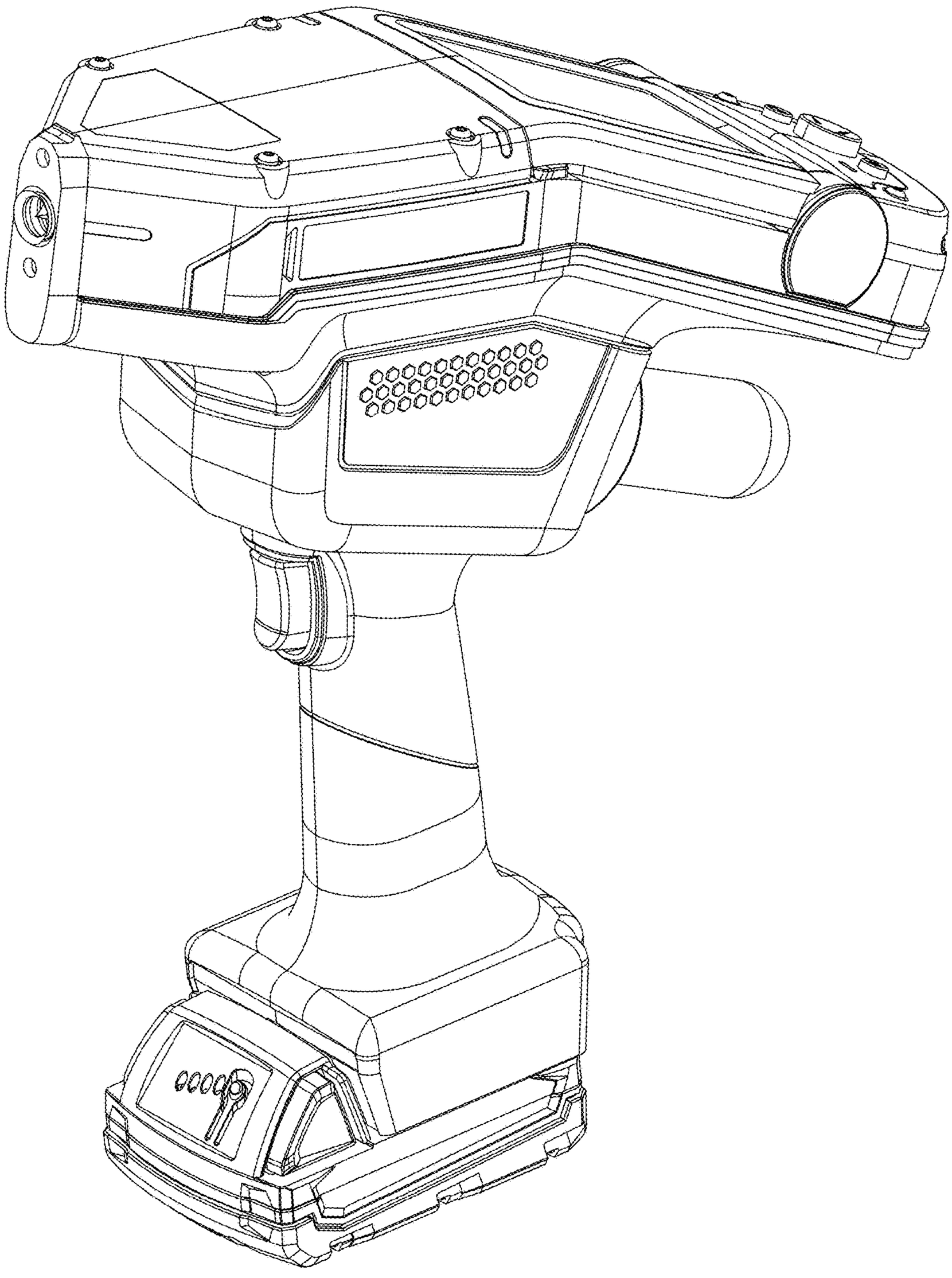


FIG. 3

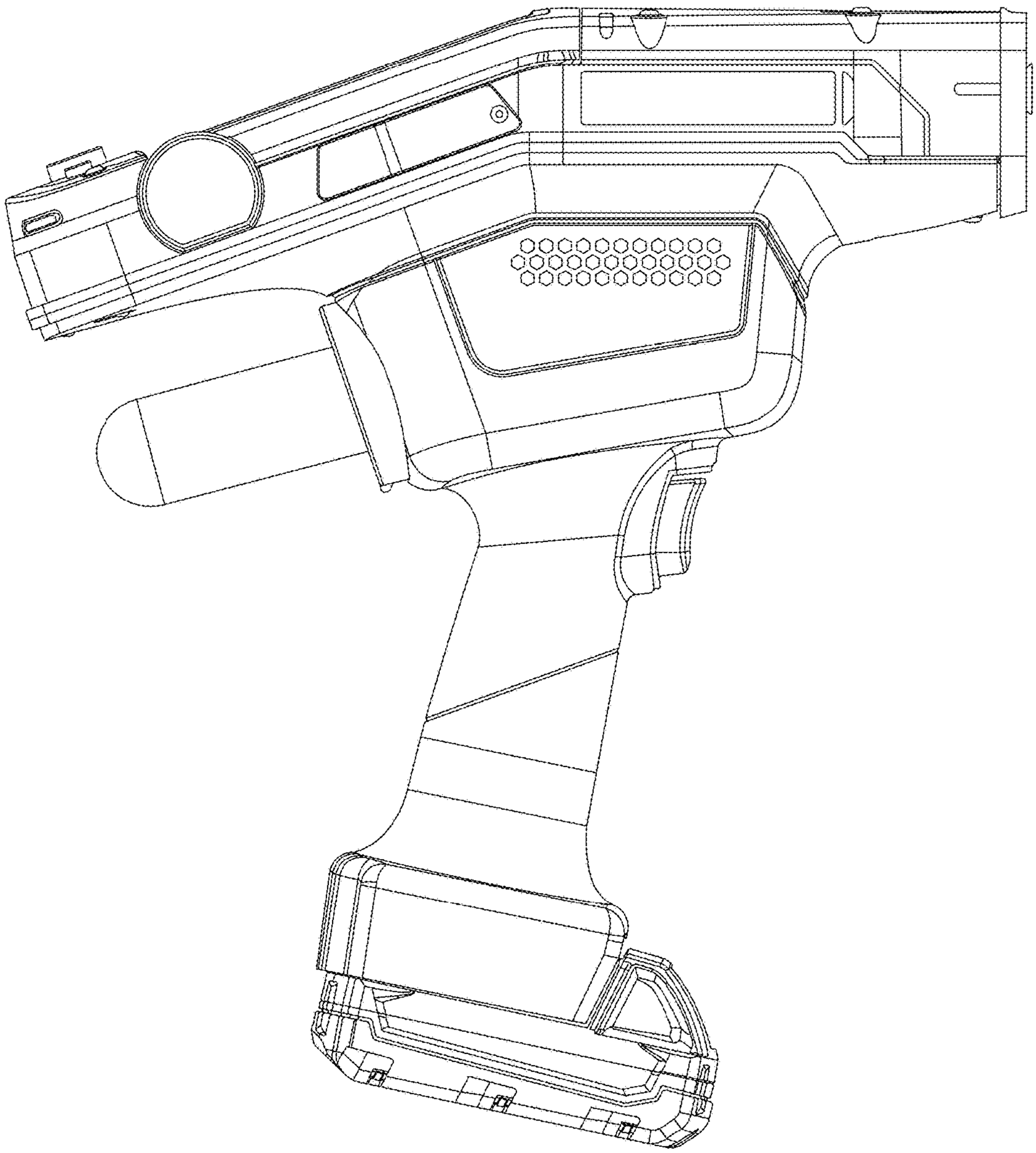


FIG. 4

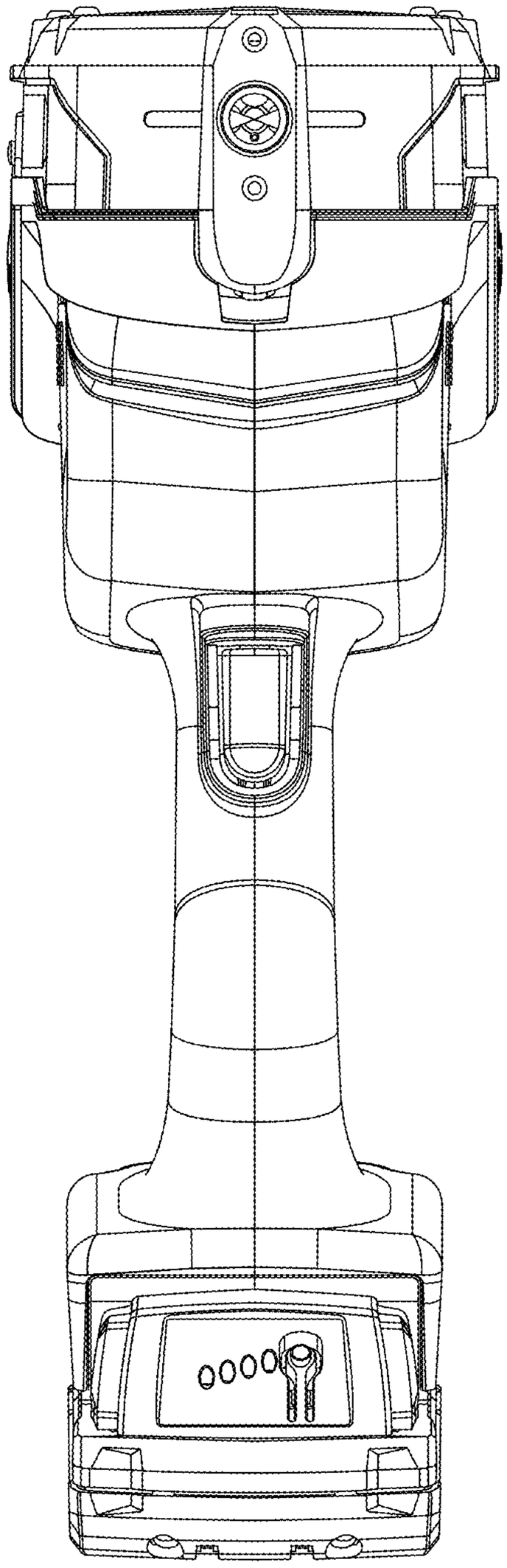


FIG. 5

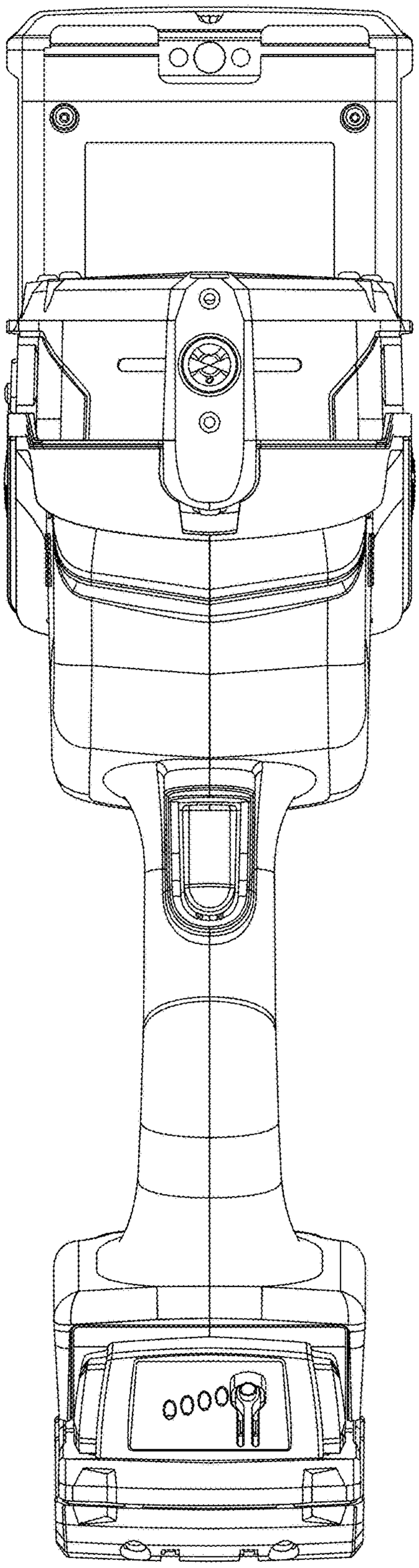


FIG. 6

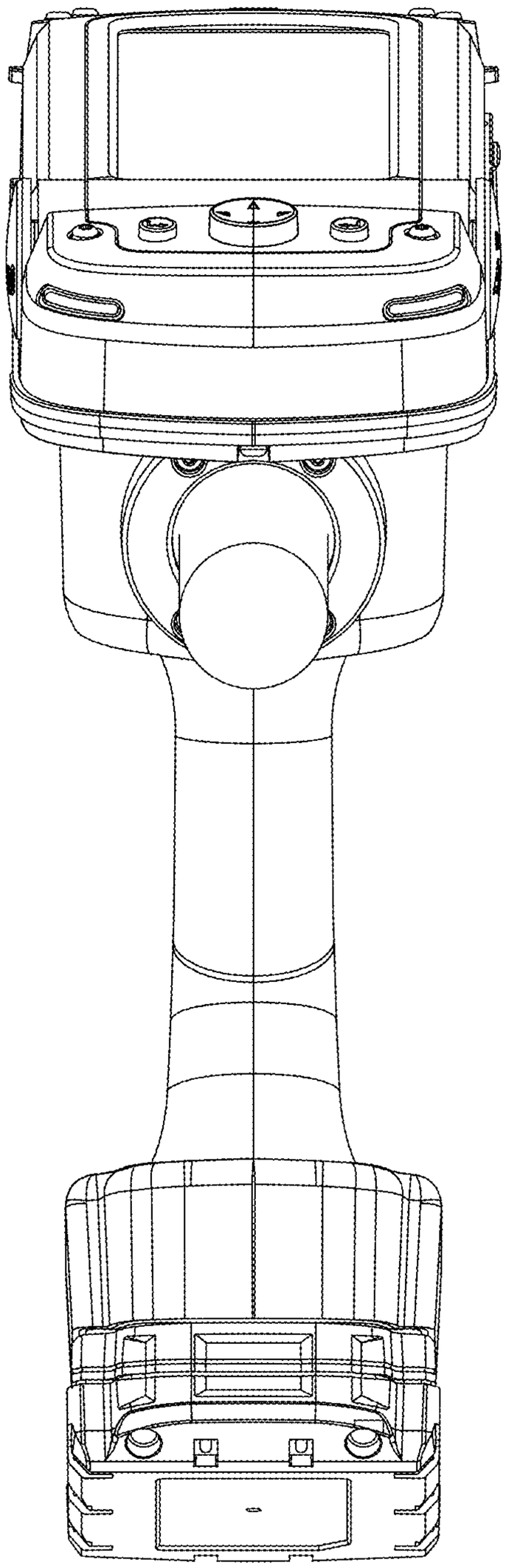


FIG. 7

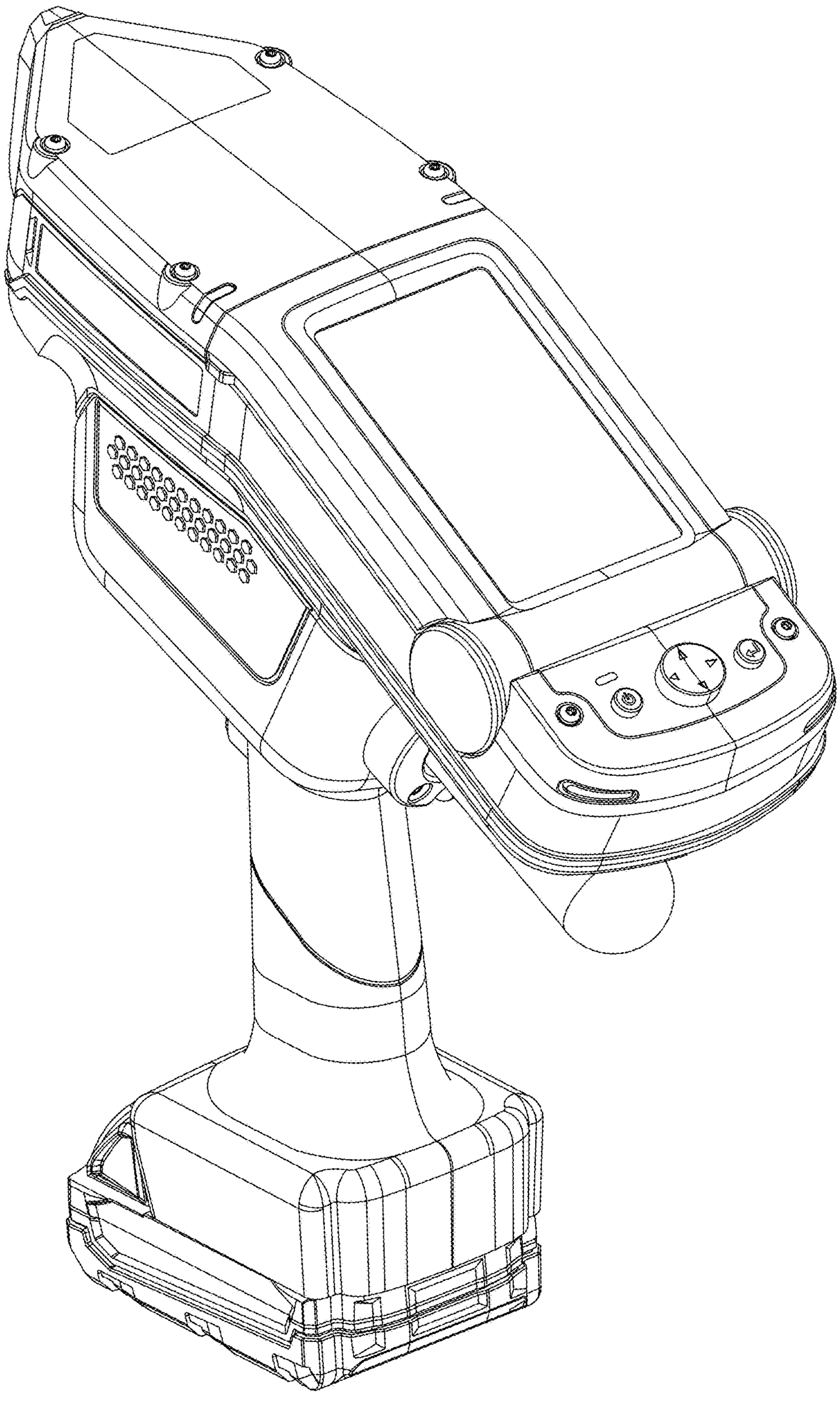


FIG. 8

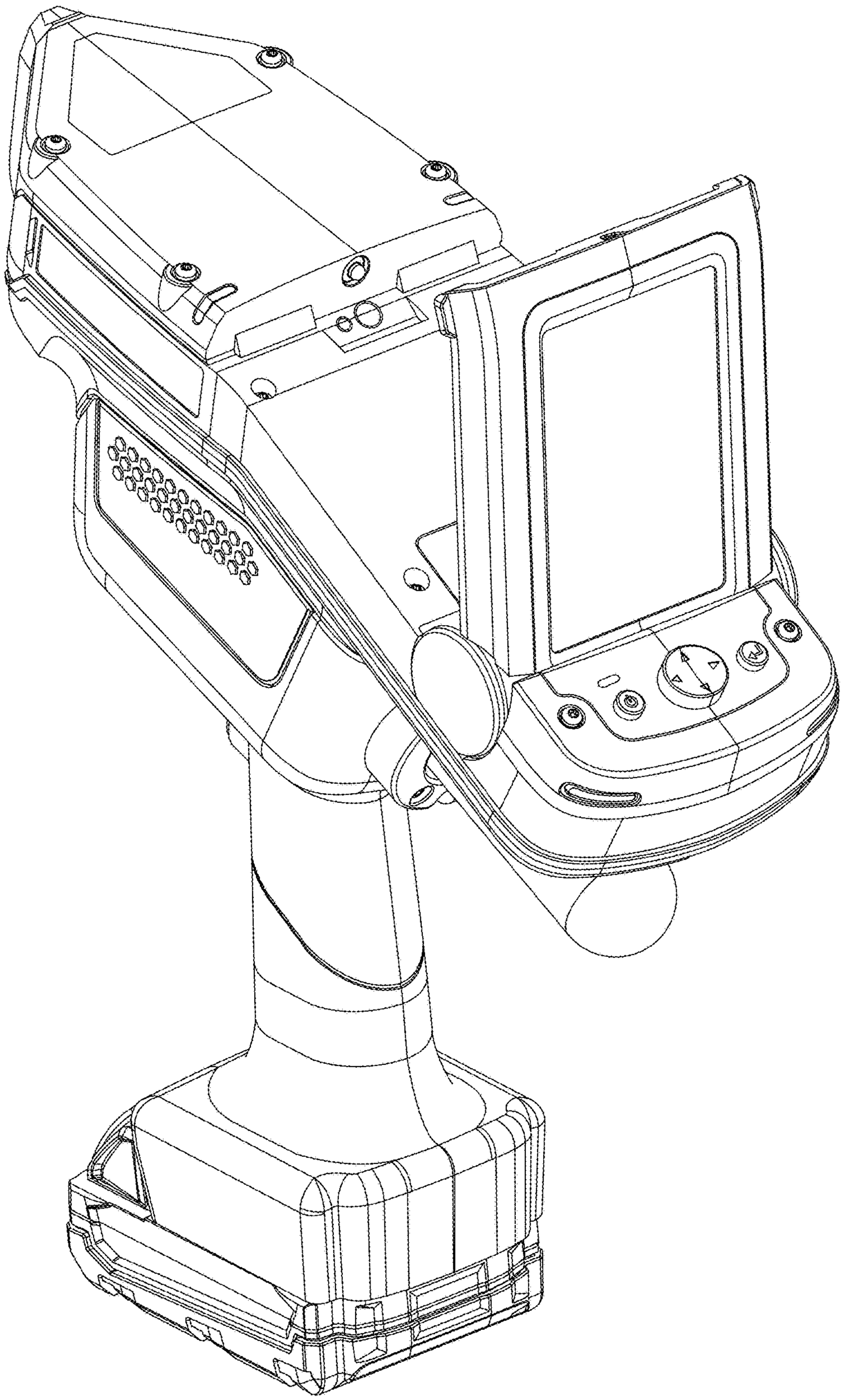


FIG. 9

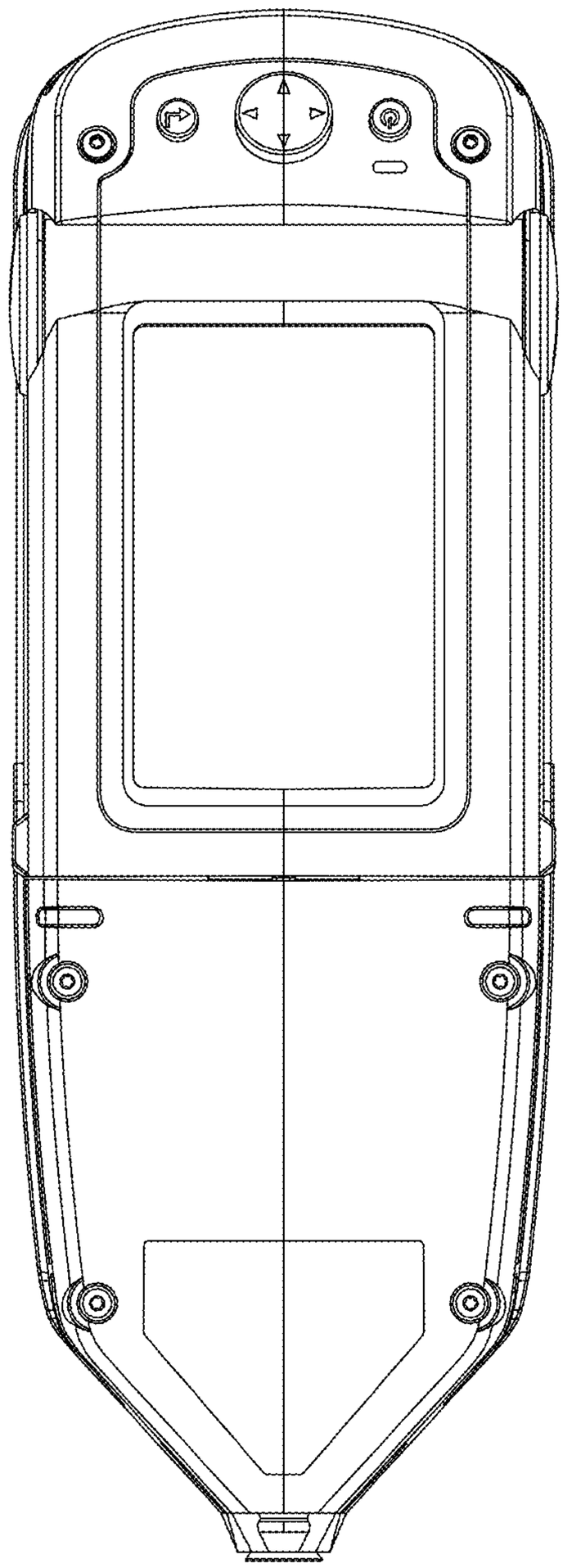


FIG. 10

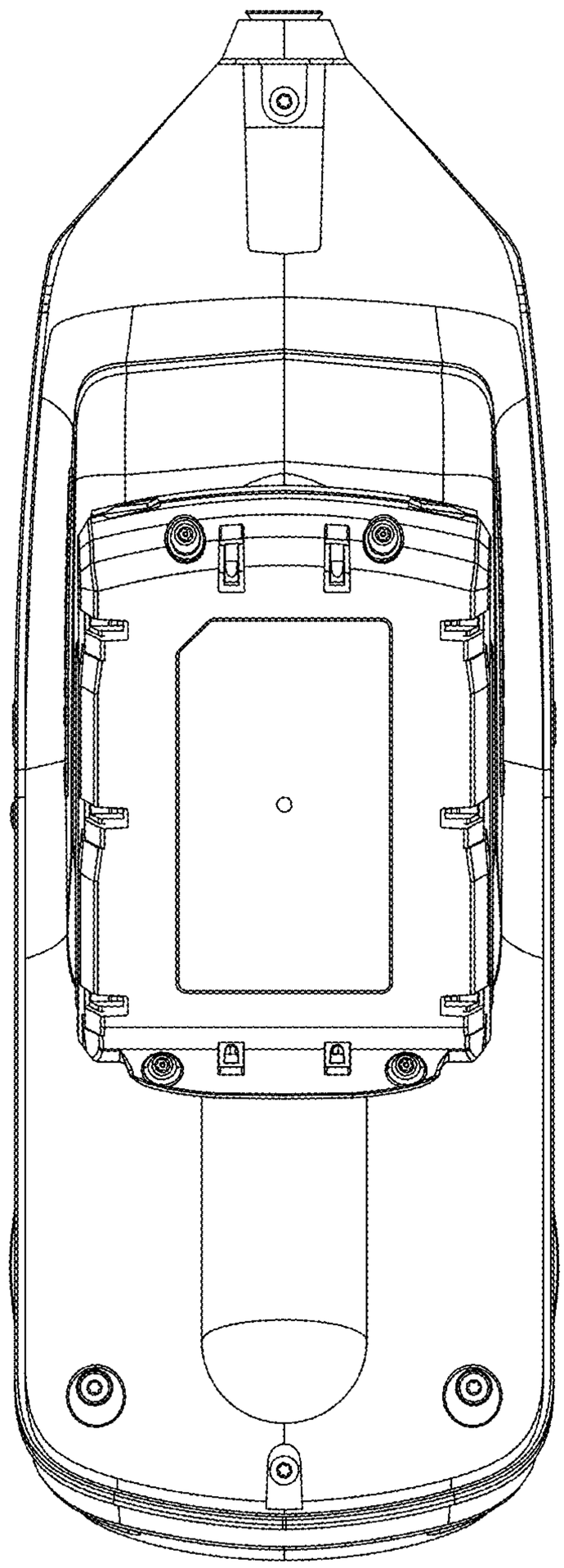


FIG. 11