US00D853319S

(12) United States Design Patent

Nommensen et al.

(10) Patent No.: US D853,319 S
(45) Date of Patent: ** Jul. 9, 2019

(54) **BATTERY**

(71) Applicant: **Briggs & Stratton Corporation**, Wauwtosa, WI (US)

(72) Inventors: **James Nommensen**, Oak Creek, WI (US); **Paul D. Kluck**, Belgium, WI (US); **Matthew Markowski**, Wauwatosa, WI (US); **Robert Koenen**, Pewaukee, WI (US); **Dale S. DiIulio**, Saukville, WI (US); **Bart Mayer**, Fond du Lac, WI (US); **Brian D. Neeley**, West Bend, WI (US)

(73) Assignee: **Briggs & Stratton Corporation**, Wauwatosa, WI (US)

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

(21) Appl. No.: **29/582,010**

(22) Filed: **Oct. 24, 2016**

Related U.S. Application Data

(62) Division of application No. 29/488,711, filed on Apr. 22, 2014, now Pat. No. Des. 776,610.

(51) **LOC (11) Cl.** **13-02**

(52) **U.S. Cl.**
USPC **D13/103**

(58) **Field of Classification Search**
USPC D13/102–110, 118–119, 184, 199; D14/356, 432, 251, 253, 434; 320/107–115, 135, 138, 140, 103–105
CPC Y02E 60/12; Y02E 60/122; Y02E 60/124; Y02E 60/50; H01M 2/02; H01M 2/022; H01M 2/0202; H01M 2/0207; H01M 2/0212; H01M 2/1061; H01M 2/1022; H01M 2/1055; H01M 2/1066; H01M 2/105; H01M 2/204; H01M 2/20; H01M 2/202; H01M 2/206; H01M 10/4257; H01M 10/0436; H01M 10/48; H01M 10/44; H01M
(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

2,457,023 A 12/1948 Zelt
D258,818 S 4/1981 Johnson et al.
(Continued)

Primary Examiner — Michelle E. Wilson
Assistant Examiner — Sanjeev Paul
(74) *Attorney, Agent, or Firm* — Foley & Lardner LLP

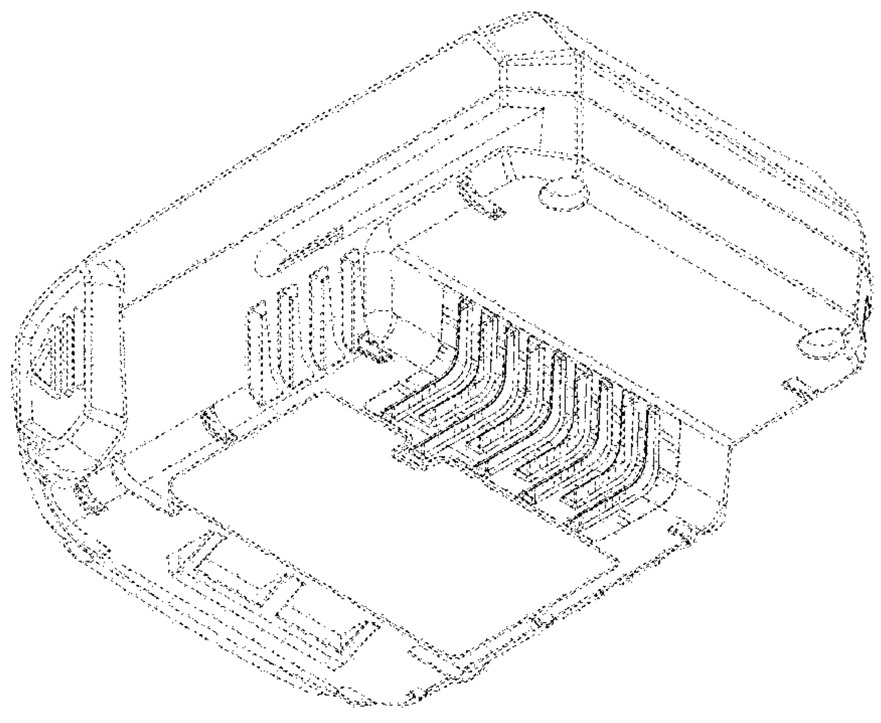
(57) **CLAIM**

We claim the ornamental design for a battery, as shown and described.

DESCRIPTION

FIG. **1** is a front perspective view from above of the claimed battery according to one embodiment;
FIG. **2** is a front perspective view from below of the claimed design of FIG. **1**;
FIG. **3** is a rear perspective view from above of the claimed design of FIG. **1**;
FIG. **4** is a rear perspective view from below of the claimed design of FIG. **1**;
FIG. **5** is a front view of the claimed design of FIG. **1**:
FIG. **6** is a rear view of the claimed design of FIG. **1**;
FIG. **7** is a right side view of the claimed design of FIG. **1**;
FIG. **8** is a left side view of the claimed design of FIG. **1**;
FIG. **9** is a top view of the claimed design of FIG. **1**; and,
FIG. **10** is a bottom view of the claimed design of FIG. **1**.
Any portion of the article depicted in broken lines forms no part of the claimed design. Broken lines formed by equal length dashes show unclaimed portions of the design. Broken lines formed of unequal length dashes (i.e., dash-dot) show boundaries between claimed and unclaimed portions of the design.

1 Claim, 10 Drawing Sheets



(58) **Field of Classification Search**
CPC .. 10/46; H01M 10/465; H01M 10/482; H01M 2200/30; H01M 2250/30; H01M 2250/40; H02J 7/00; H02J 7/0003; H02J 7/0011; H02J 7/0013; H02J 7/0054; H02J 7/0055; H02J 7/0057; H02J 2007/0062
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D265,899	S	8/1982	House, II	
D265,985	S	8/1982	House, II	
D299,640	S	1/1989	Price	
D300,920	S	5/1989	Gierke	
D302,971	S	8/1989	Gierke	
D303,205	S	9/1989	Gierke et al.	
D304,543	S	11/1989	Somers et al.	
D316,216	S	4/1991	Gierke et al.	
D347,822	S	6/1994	Tong	
D353,130	S	12/1994	Aldrich et al.	
D376,579	S	12/1996	Bunyea et al.	
D391,943	S	3/1998	Han	
D400,499	S	11/1998	Bunyea	
D401,901	S	12/1998	Bunyea et al.	
D409,976	S	5/1999	Buck	
D415,100	S	10/1999	Buck	
D418,811	S	1/2000	Bunyea et al.	
D432,077	S	10/2000	Zurwelle et al.	
D432,982	S	10/2000	Miyashita	
D433,994	S	11/2000	Jobs et al.	
D437,580	S	2/2001	Marshall et al.	
D438,170	S	2/2001	Hofbauer	
D439,217	S	3/2001	Melnicoff	
D439,561	S	3/2001	Lee, IV et al.	
D456,002	S	4/2002	Kato et al.	
D456,807	S	5/2002	Floyd	
D460,412	S	7/2002	Nawrozki	
D460,413	S	7/2002	Zurwelle et al.	
D461,447	S	8/2002	Nawrozki	
D463,359	S	9/2002	Nawrozki	
D463,774	S	10/2002	Buck	
D466,863	S	12/2002	Zurwelle et al.	
D475,679	S	6/2003	Cooper et al.	
D477,811	S	7/2003	Niwa et al.	
D480,376	S	10/2003	Ma	
D481,672	S	11/2003	Niwa et al.	
D484,850	S	1/2004	Johnson	
D486,789	S	2/2004	Santiago	
D487,059	S	2/2004	Glasgow et al.	
D487,426	S	3/2004	Johnson	
D488,438	S	4/2004	Zick et al.	
D491,130	S	6/2004	Welbes	
D496,038	S	9/2004	Floyd	
D501,823	S	2/2005	Johnson et al.	
D503,673	S	4/2005	Rosengrant	
D503,922	S	4/2005	Shimizu	
D504,395	S	4/2005	Zeiler et al.	
D506,725	S	7/2005	Watson	
D507,235	S	7/2005	Rozwadowski et al.	
D509,189	S	9/2005	Buck	
D511,744	S	11/2005	Hsu et al.	
D512,373	S	12/2005	Tsai et al.	
D513,730	S	1/2006	Johnson	
D515,027	S	2/2006	Groh et al.	
D516,504	S	3/2006	Okuda et al.	
D519,918	S	5/2006	Wilson et al.	
D519,920	S	5/2006	Zick et al.	
D523,807	S	6/2006	Murayama et al.	
D522,964	S	7/2006	Watson	
D524,243	S	7/2006	Lee	
D524,728	S	7/2006	Watson	
D526,613	S	8/2006	Zeiler et al.	
D529,439	S	10/2006	Glasgow et al.	
D534,122	S	12/2006	Buck	
D535,250	S	1/2007	Watson	
D535,253	S	1/2007	Buck	
D537,409	S	2/2007	Suzuki	
D538,613	S	3/2007	Murray	
D539,221	S	3/2007	Johnson et al.	
D545,759	S	7/2007	Ino et al.	
D545,760	S	7/2007	Concari et al.	
7,238,443	B2	7/2007	Sakakibara	
D549,169	S	8/2007	Watson	
D550,152	S	9/2007	Okuda et al.	
D550,614	S	9/2007	Fee et al.	
D555,084	S	11/2007	Sharma et al.	
D555,086	S	11/2007	Zhang	
D556,677	S	12/2007	Watson	
D556,680	S	12/2007	Matsumoto	
D558,670	S	1/2008	Ritterling et al.	
D559,175	S	1/2008	Houghton	
D562,226	S	2/2008	Uehlein-Proctor et al.	
D562,227	S	2/2008	Yamada et al.	
D562,230	S	2/2008	Houghton	
D564,444	S	3/2008	Johnson et al.	
D581,927	S	12/2008	Sumii	
D588,535	S	3/2009	Krieger et al.	
D588,985	S	3/2009	O'Hern	
D589,439	S	3/2009	Van Wambeke	
D589,440	S	3/2009	Van Wambeke	
D589,441	S	3/2009	Van Wambeke	
D590,391	S	4/2009	Sumii	
D594,403	S	6/2009	Yang	
D594,405	S	6/2009	Murray et al.	
D597,931	S	8/2009	Aglassinger	
D597,932	S	8/2009	Aglassinger	
D597,933	S	8/2009	Aglassinger	
D597,934	S	8/2009	Aglassinger	
D598,018	S	8/2009	Sumii	
D600,694	S	9/2009	Sumii	
D604,695	S	11/2009	Aglassinger	
D605,111	S	12/2009	Schoch	
D606,492	S	12/2009	Steinfels	
D606,935	S	12/2009	Murayama et al.	
D609,636	S	2/2010	Jensen	
D610,082	S	2/2010	Sweeney	
D610,085	S	2/2010	Sweeney	
D610,537	S	2/2010	Sweeney	
D614,125	S	4/2010	Tinius	
D615,557	S	5/2010	Mayer et al.	
D619,620	S	7/2010	Mayer et al.	
D620,772	S	8/2010	Crawley	
D622,661	S *	8/2010	Yamada	D13/103
D633,036	S	2/2011	Murray	
D633,037	S	2/2011	Tschopp	
D633,442	S	3/2011	Charleux	
D640,196	S	6/2011	Shuang et al.	
D640,197	S	6/2011	Park et al.	
D640,628	S	6/2011	Lopano et al.	
D640,975	S	7/2011	Okuda et al.	
D642,119	S	7/2011	Baetica et al.	
D643,809	S *	8/2011	Okuda	D13/103
D645,818	S	9/2011	Guccione et al.	
D652,793	S	1/2012	Tschopp	
D654,850	S	2/2012	Obata	
D656,096	S	3/2012	Sasada et al.	
8,138,942	B2	3/2012	Otsuka et al.	
D657,307	S	4/2012	Zhao	
D658,578	S	5/2012	Davis	
D659,093	S	5/2012	Schmid et al.	
D661,930	S	6/2012	Gebski	
D676,299	S	2/2013	Baron et al.	
D677,549	S	3/2013	Baron et al.	
D679,651	S	4/2013	Stratford	
D680,064	S	4/2013	Tirone et al.	
D682,192	S	5/2013	Corbin	
D682,194	S *	5/2013	Jiang	D13/103
D682,778	S	5/2013	Baumgartner et al.	
D684,528	S	6/2013	Murray	
D685,730	S *	7/2013	Hamm	D13/103
D686,981	S	7/2013	Koyabu et al.	
D687,380	S	8/2013	Tirone et al.	
D692,380	S	10/2013	Tirone	
D694,182	S	11/2013	Lee et al.	
D696,190	S	12/2013	Brandtman et al.	

(56) **References Cited**

U.S. PATENT DOCUMENTS

D697,475	S		1/2014	Regole
D698,313	S		1/2014	Buetow et al.
D699,670	S	*	2/2014	Cooper D13/103
D706,212	S		6/2014	Zwierstra et al.
8,741,461	B2	*	6/2014	Yoneda H01M 2/1055 429/100
8,741,474	B2		6/2014	Melnyk et al.
D710,794	S	*	8/2014	Busschaert D13/103
D712,826	S		9/2014	Marino et al.
D718,233	S		11/2014	Aumiller et al.
D718,234	S		11/2014	Rautiainen
D718,236	S		11/2014	Murray
D718,705	S		12/2014	Naksen
D718,712	S		12/2014	Aumiller et al.
D720,289	S		12/2014	Chiang et al.
D725,034	S		3/2015	Chen
D729,729	S		5/2015	Rabalais et al.
D731,409	S		6/2015	Erlich et al.
D731,411	S		6/2015	Nakaishi
D735,131	S		7/2015	Akana et al.
D738,303	S		9/2015	Symons
9,127,658	B2		9/2015	Koenen et al.
D740,750	S		10/2015	Mayden et al.
D741,256	S		10/2015	Murphy-Reinhertz et al.
D747,267	S		1/2016	Aumiller et al.
D749,504	S		2/2016	Jeong et al.
D757,014	S		5/2016	Hahn et al.
D761,412	S		7/2016	Strehle et al.
D762,571	S		8/2016	Lee et al.
D763,186	S		8/2016	Breitenbach et al.
D765,592	S		9/2016	Friend
D770,377	S	*	11/2016	Kondo D13/103
D776,052	S		1/2017	Nommensen et al.
D776,610	S	*	1/2017	Nommensen D13/103
D780,687	S	*	3/2017	Taniguchi D13/103
D780,688	S	*	3/2017	Elder D13/103
D788,696	S		6/2017	Yonishi et al.
9,673,648	B2		6/2017	Johnson et al.
D791,700	S		7/2017	Loewen
D801,917	S	*	11/2017	Jiang D13/103
D801,919	S	*	11/2017	Elder D13/103
D812,555	S	*	3/2018	Schoch D13/103
9,923,249	B2	*	3/2018	Rejman H01M 10/488
D818,948	S	*	5/2018	Waldron D13/103
D819,562	S	*	6/2018	Waldron D13/103
D820,784	S	*	6/2018	Imsand D13/110
D826,149	S	*	8/2018	Cooper D13/103
D826,150	S	*	8/2018	Cayon D13/103
D829,646	S	*	10/2018	Tse D13/103
D836,552	S	*	12/2018	Crowe D13/119
D838,239	S	*	1/2019	Stray D13/107
2003/0039880	A1		2/2003	Turner et al.
2004/0257038	A1		12/2004	Johnson et al.
2004/0263119	A1		12/2004	Meyer et al.
2009/0226816	A1		9/2009	Yoshida et al.
2013/0330576	A1		12/2013	Kolden et al.
2014/0106195	A1		4/2014	Milbourne et al.
2016/0013680	A1		1/2016	Liang et al.
2016/0043453	A1		2/2016	Ebner et al.
2016/0072106	A1	*	3/2016	Baumgartner H01M 2/1022 320/113
2016/0079631	A1		3/2016	Flitsch et al.
2016/0095487	A1		4/2016	Koura et al.
2016/0115933	A1		4/2016	Koenen et al.
2016/0156206	A1		6/2016	Yamaji et al.
2016/0226290	A1		8/2016	Johnson et al.
2016/0359151	A1	*	12/2016	Beyerl H01M 2/1055
2018/0198292	A1	*	7/2018	Lee H02J 7/0021
2018/0198294	A1	*	7/2018	Sheeks G01R 31/392
2019/0020072	A1	*	1/2019	Fauteux H01M 2/0217
2019/0027718	A1	*	1/2019	Marinov H01M 2/1022

* cited by examiner

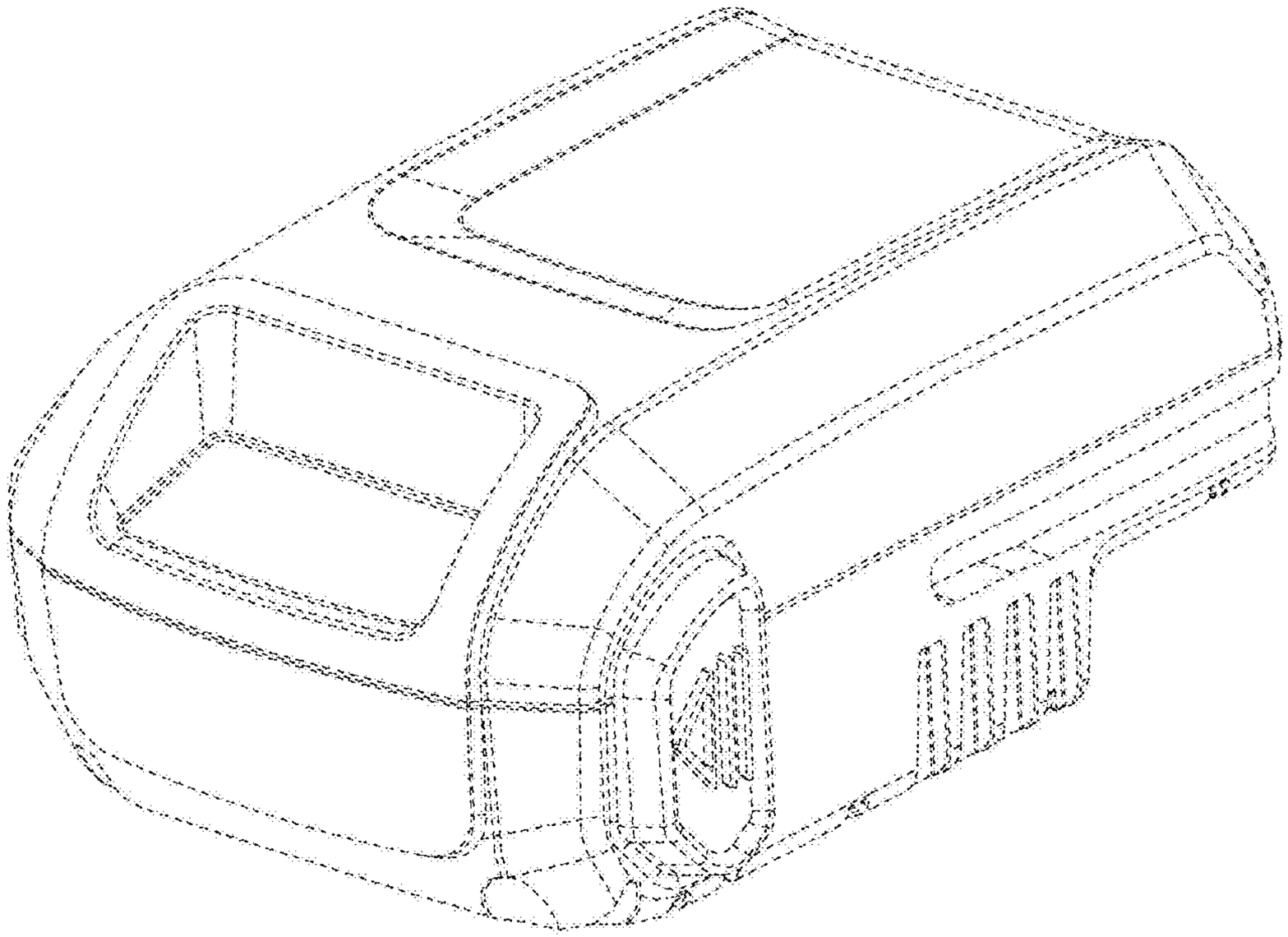


FIG. 1

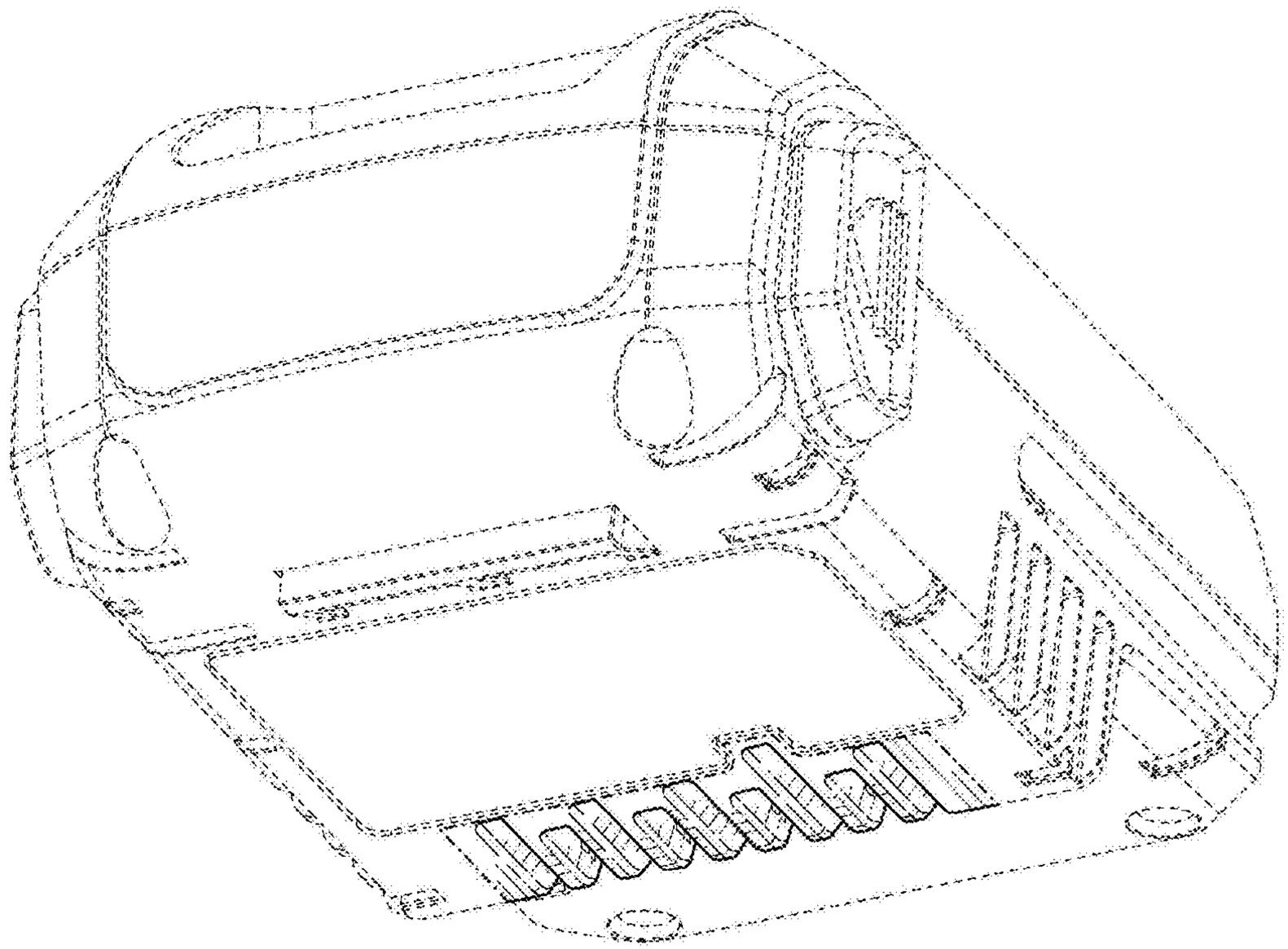


FIG. 2

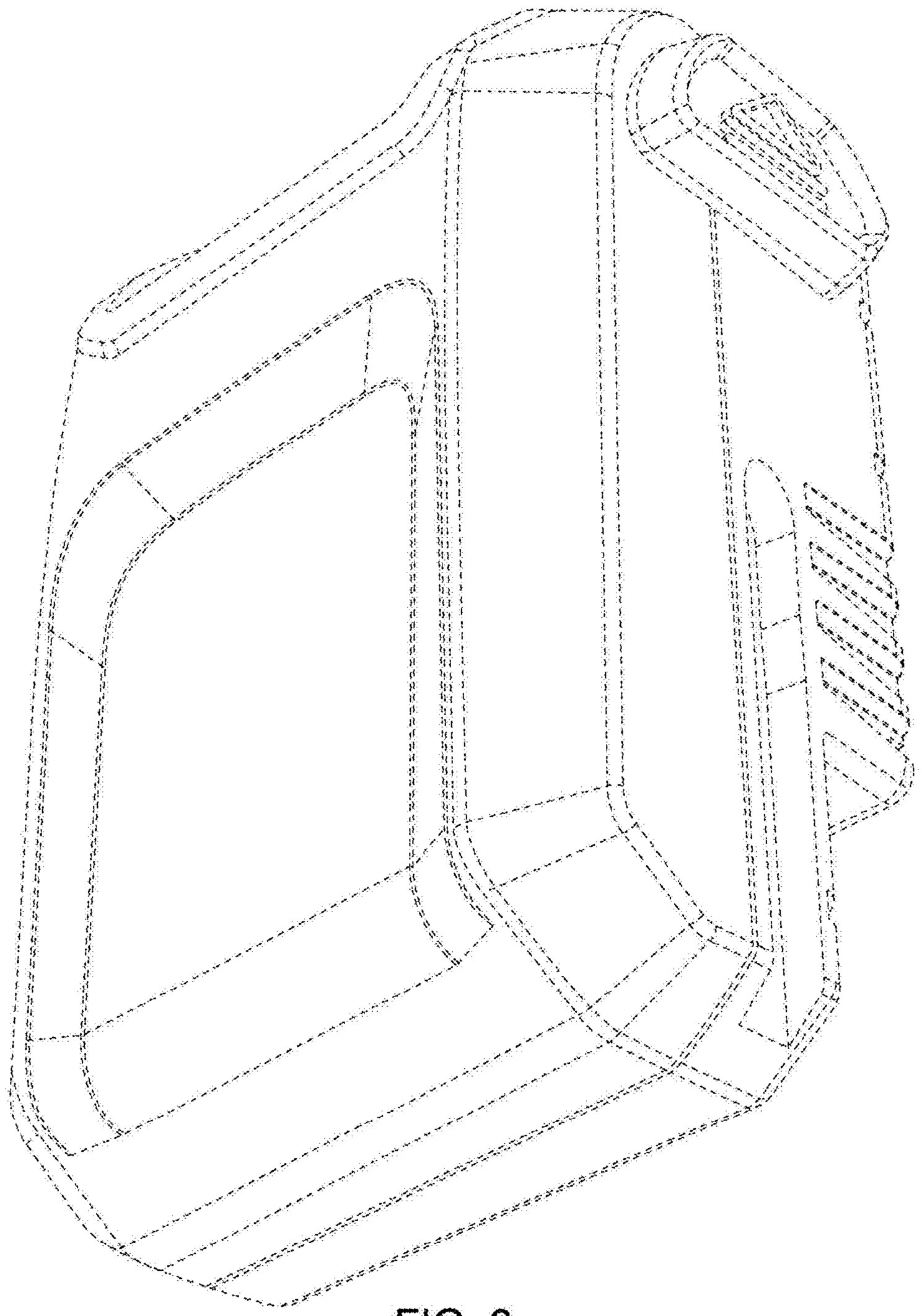


FIG. 3

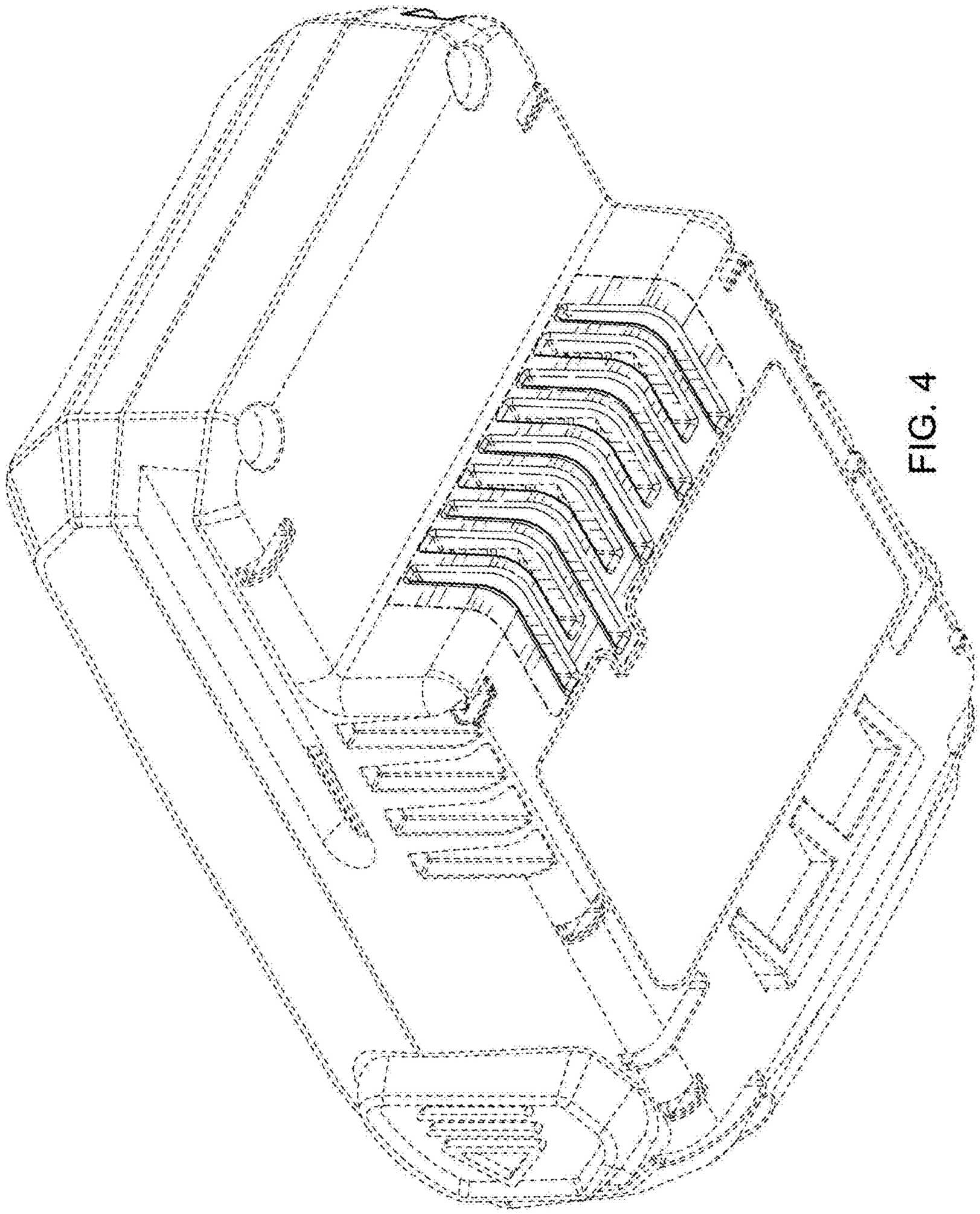


FIG. 4

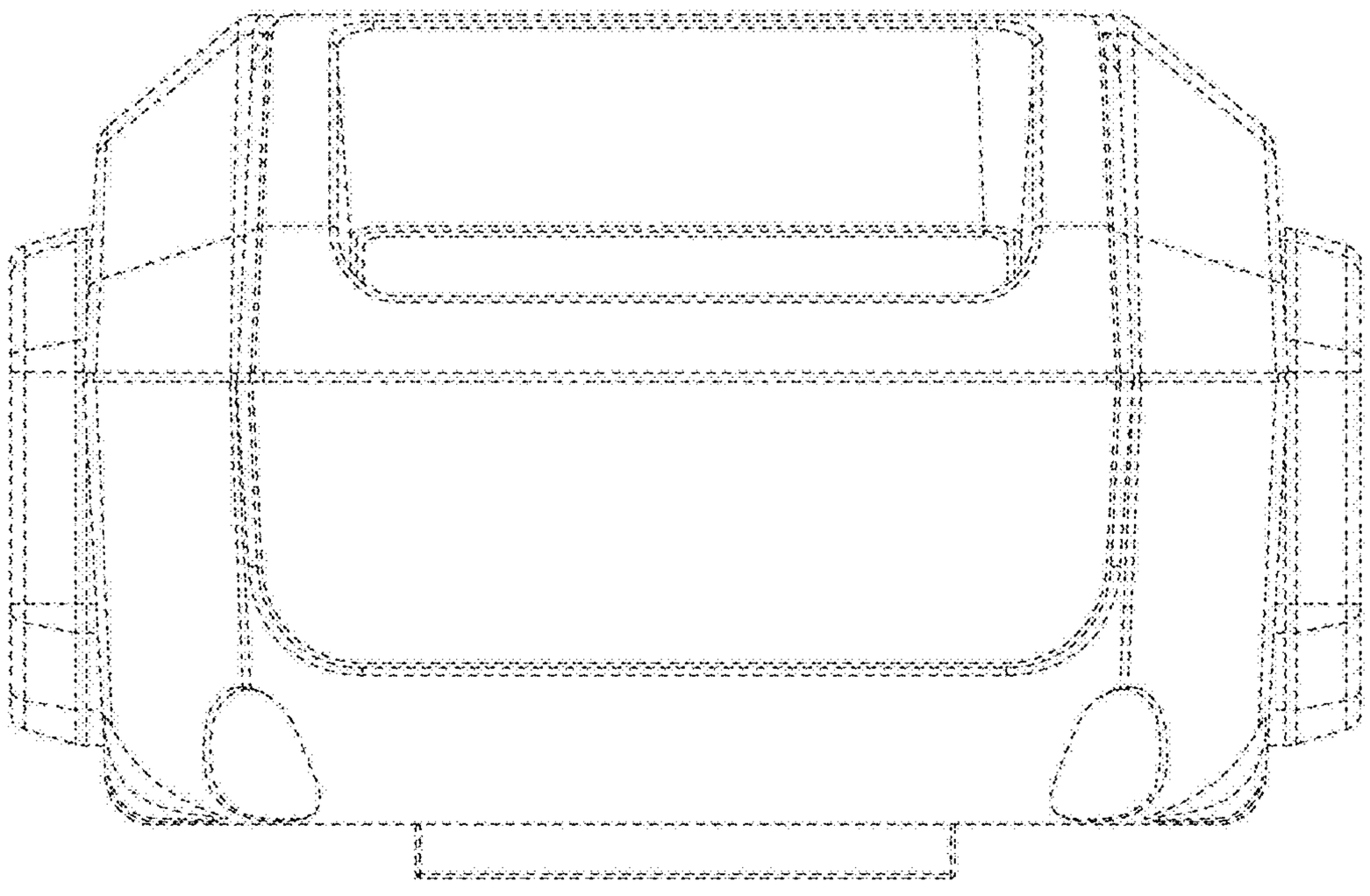


FIG. 5

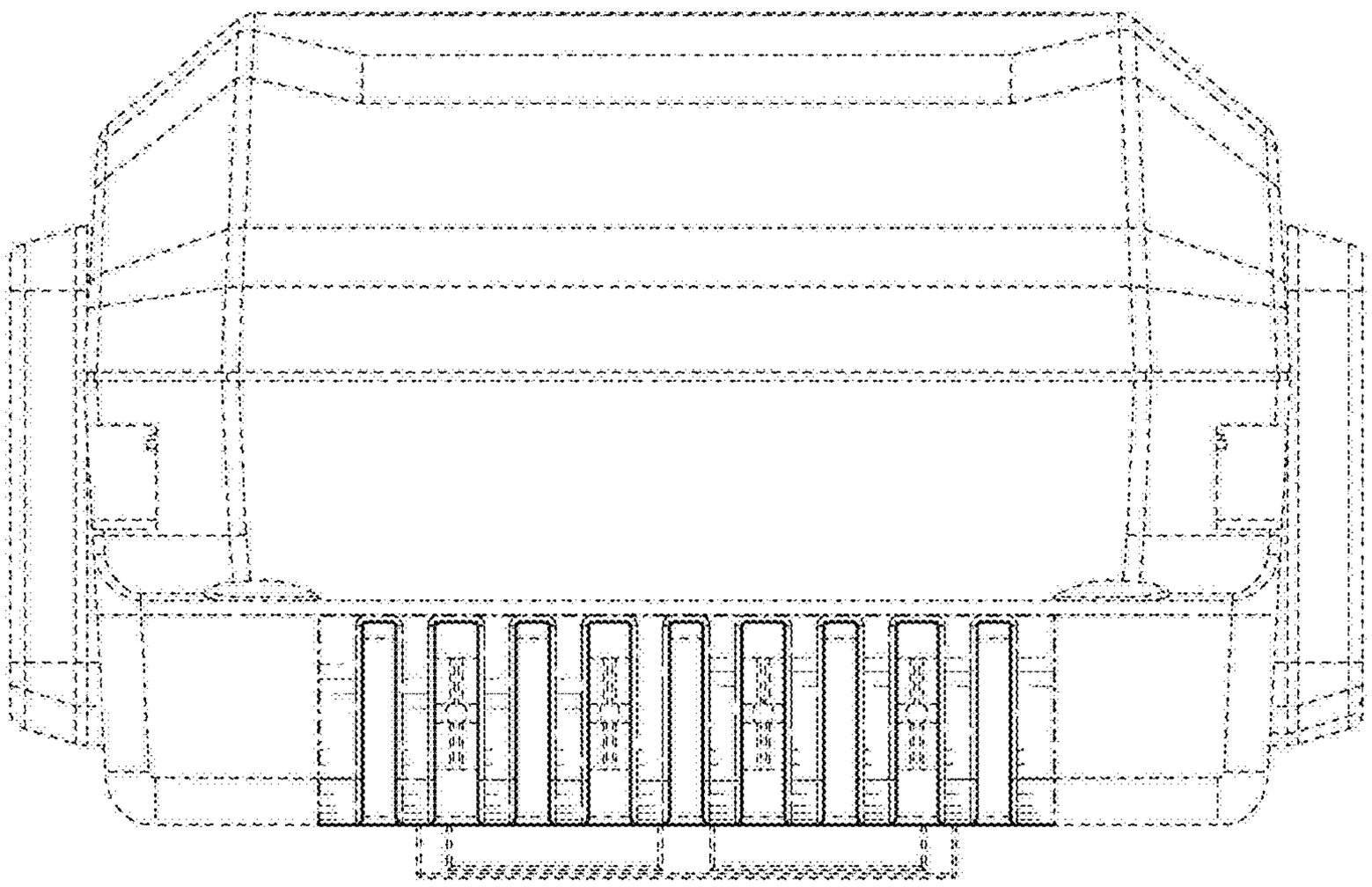


FIG. 6

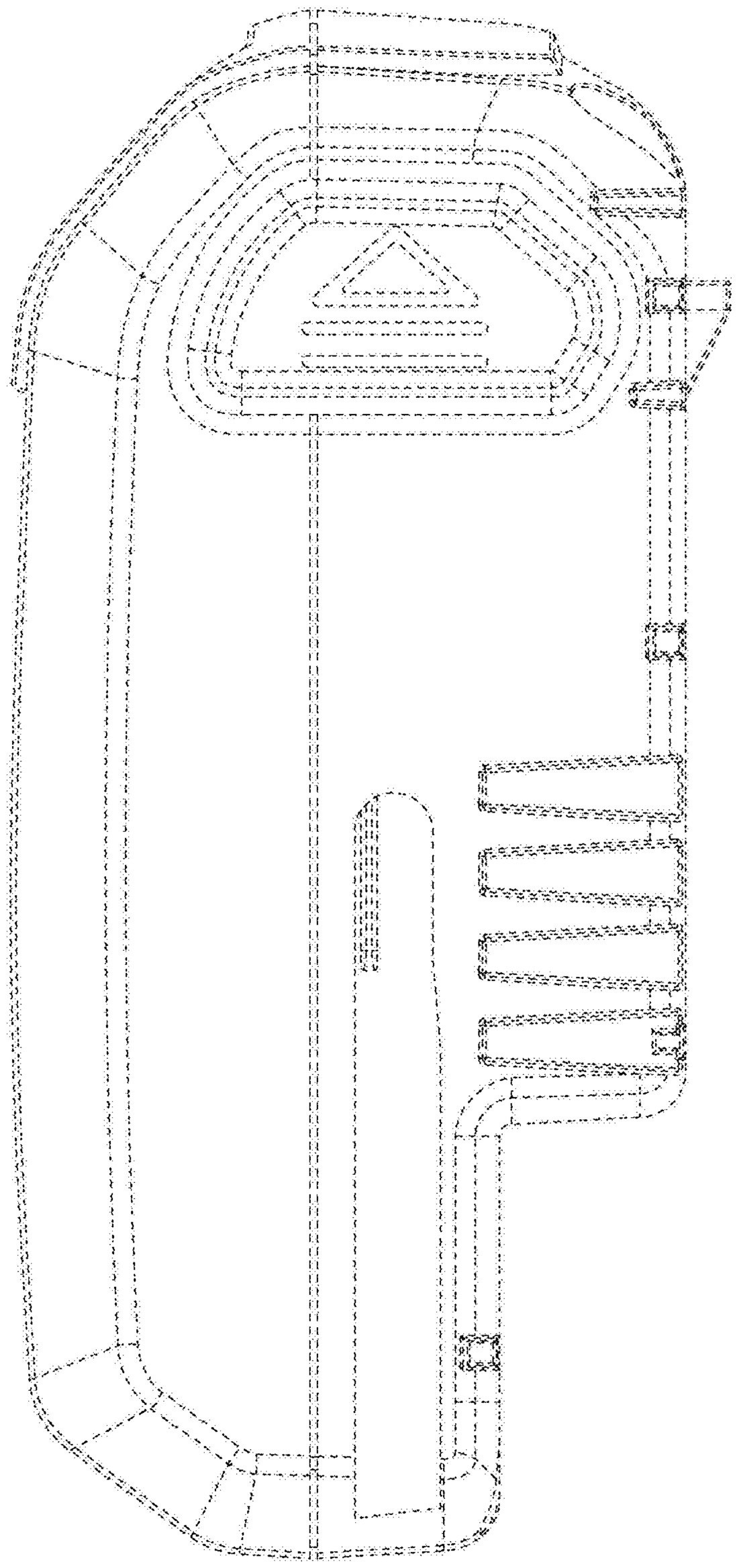


FIG. 7

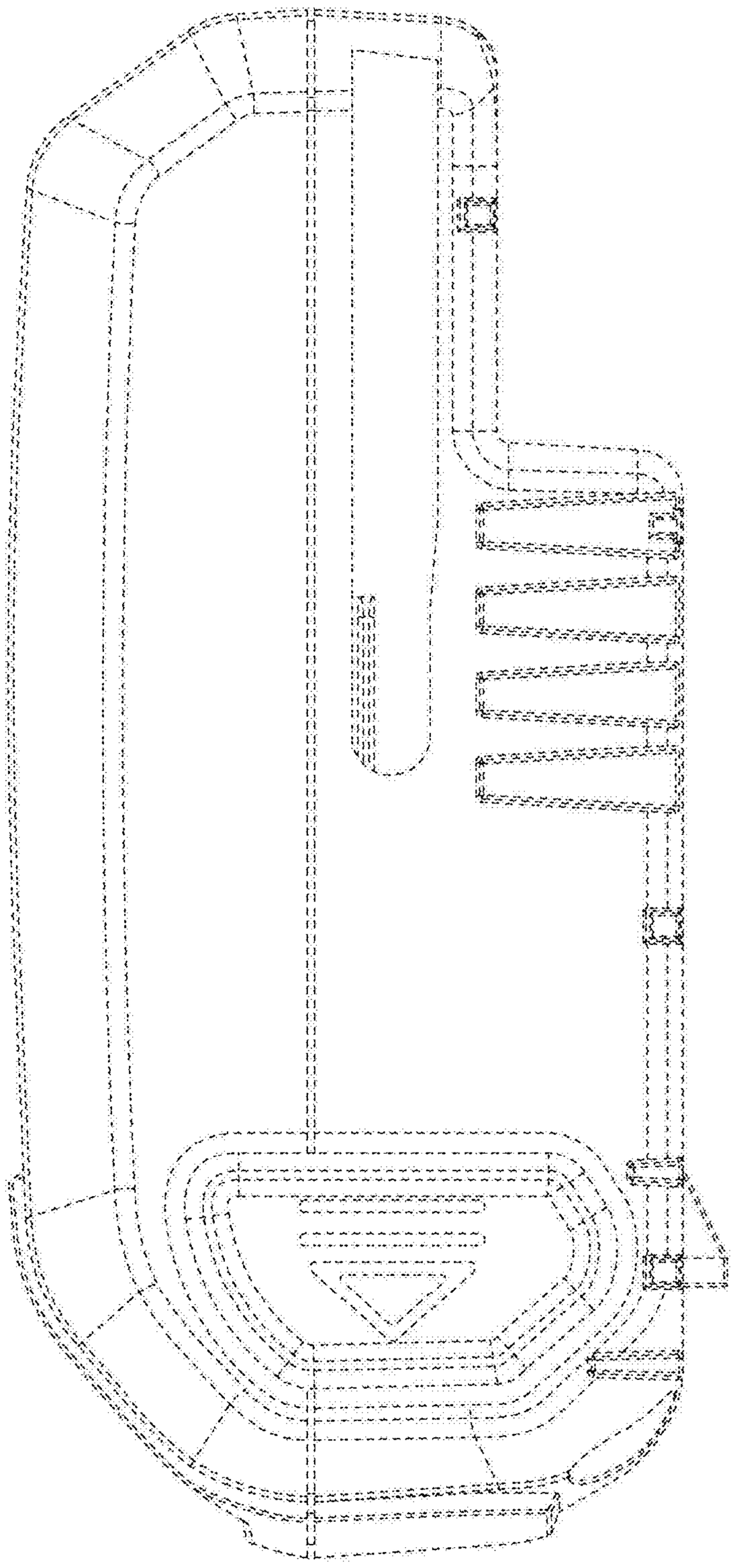


FIG. 8

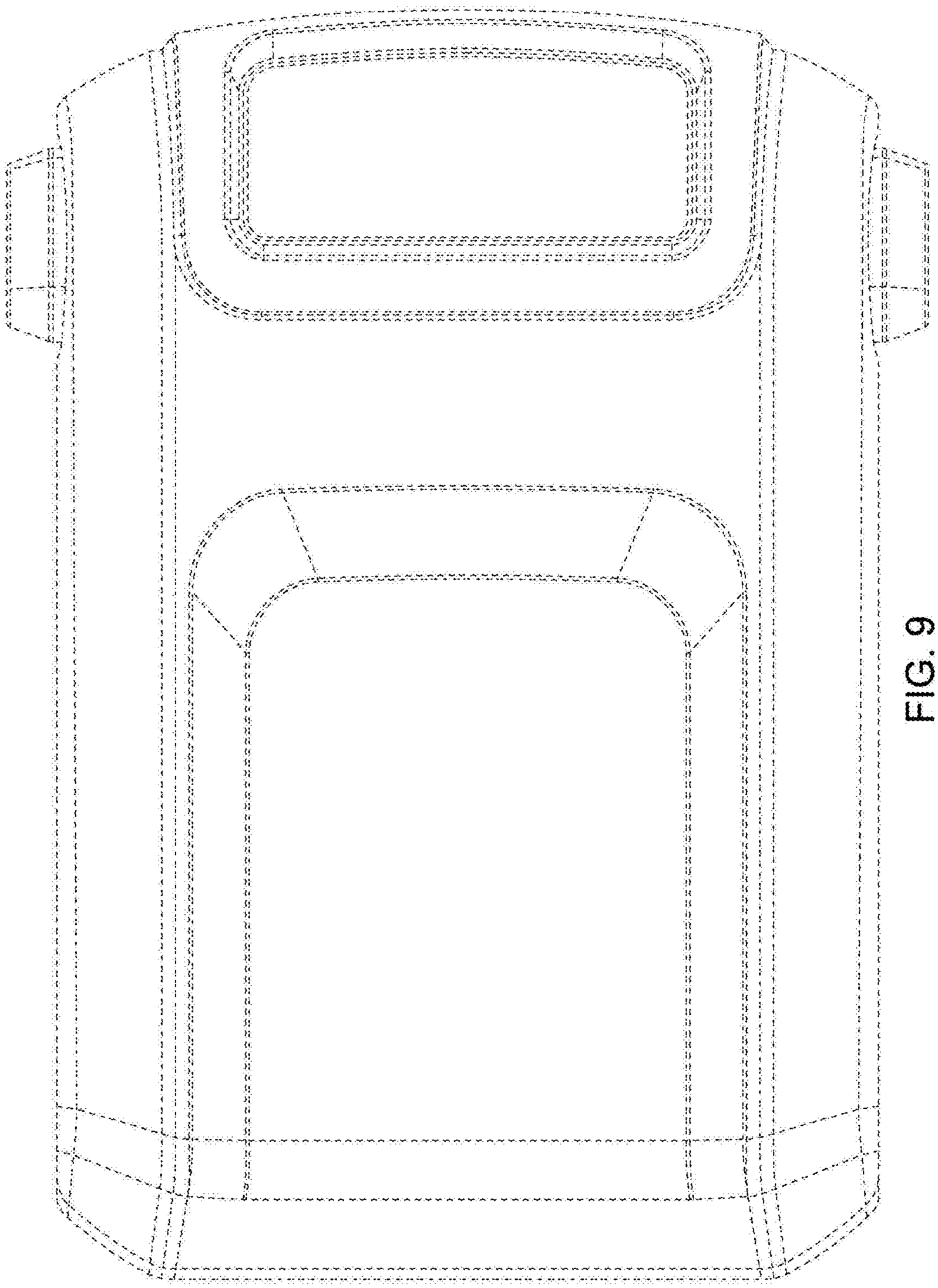


FIG. 9

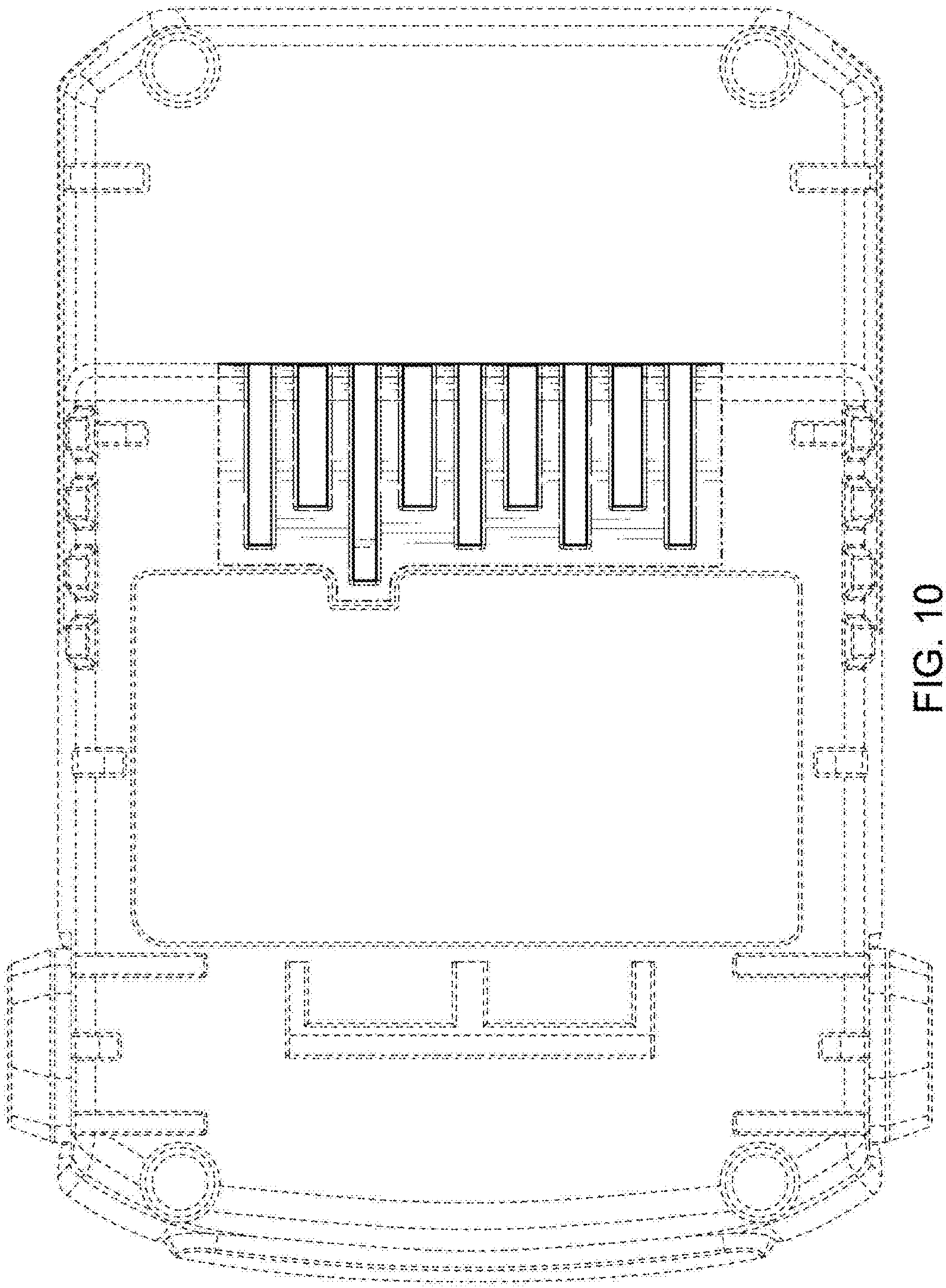


FIG. 10