



US00D816604S

(12) **United States Design Patent** (10) **Patent No.:** **US D816,604 S**  
**Rowe et al.** (45) **Date of Patent:** **\*\* May 1, 2018**

(54) **BATTERY PACK**

(71) Applicant: **TECHTRONIC INDUSTRIES CO. LTD.**, Tsuen Wan, New Territories (HK)

(72) Inventors: **Tyler Rowe**, Anderson, SC (US);  
**Stuart Miller**, Anderson, SC (US); **J. Luke Jenkins**, Anderson, SC (US);  
**Matthew Corbin**, Anderson, SC (US);  
**Nicholas Norton**, Lexington, SC (US);  
**Sean Campbell**, Anderson, SC (US);  
**Daniel J. Bowen**, Aiken, SC (US); **C. Keith Long**, Seneca, SC (US)

(73) Assignee: **TECHTRONIC INDUSTRIES CO. LTD.**, Tsuen Wan, New Territories (HK)

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

(21) Appl. No.: **29/561,251**

(22) Filed: **Apr. 14, 2016**

**Related U.S. Application Data**

(62) Division of application No. 29/504,025, filed on Oct. 1, 2014.

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

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

(58) **Field of Classification Search**  
USPC ..... D13/104, 105, 106, 107, 108, 119, 184,  
D13/199; D14/188, 240, 435; D16/237;  
307/82, 109, 150, 151; 320/104, 107,  
320/111, 112, 113, 115, 132, 134, 150;  
361/600, 601, 623; 429/163, 170, 176  
CPC ..... B60L 11/18; G01R 31/36; H01M 10/04;  
H01M 10/05; H01M 10/42; H01M 10/46;  
H01M 2/02; H01M 2/10; H01M 2/16;

(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

D327,560 S 6/1992 Hradisky  
D329,929 S 9/1992 Knoedler et al.  
D386,878 S 11/1997 Brunette  
(Continued)

OTHER PUBLICATIONS

“JVC HR-S7500EK PAL model any good for playing tapes?”  
Posted Jun. 26, 2012. Digital Video Forum. <http://www.digitalfaq.com/forum/video-capture/4296-jvc-s7500ek-pal.html>.  
(Continued)

*Primary Examiner* — Susan Bennett Hattan  
*Assistant Examiner* — Suzanne E Tisdell  
(74) *Attorney, Agent, or Firm* — Michael Best & Friedrich LLP

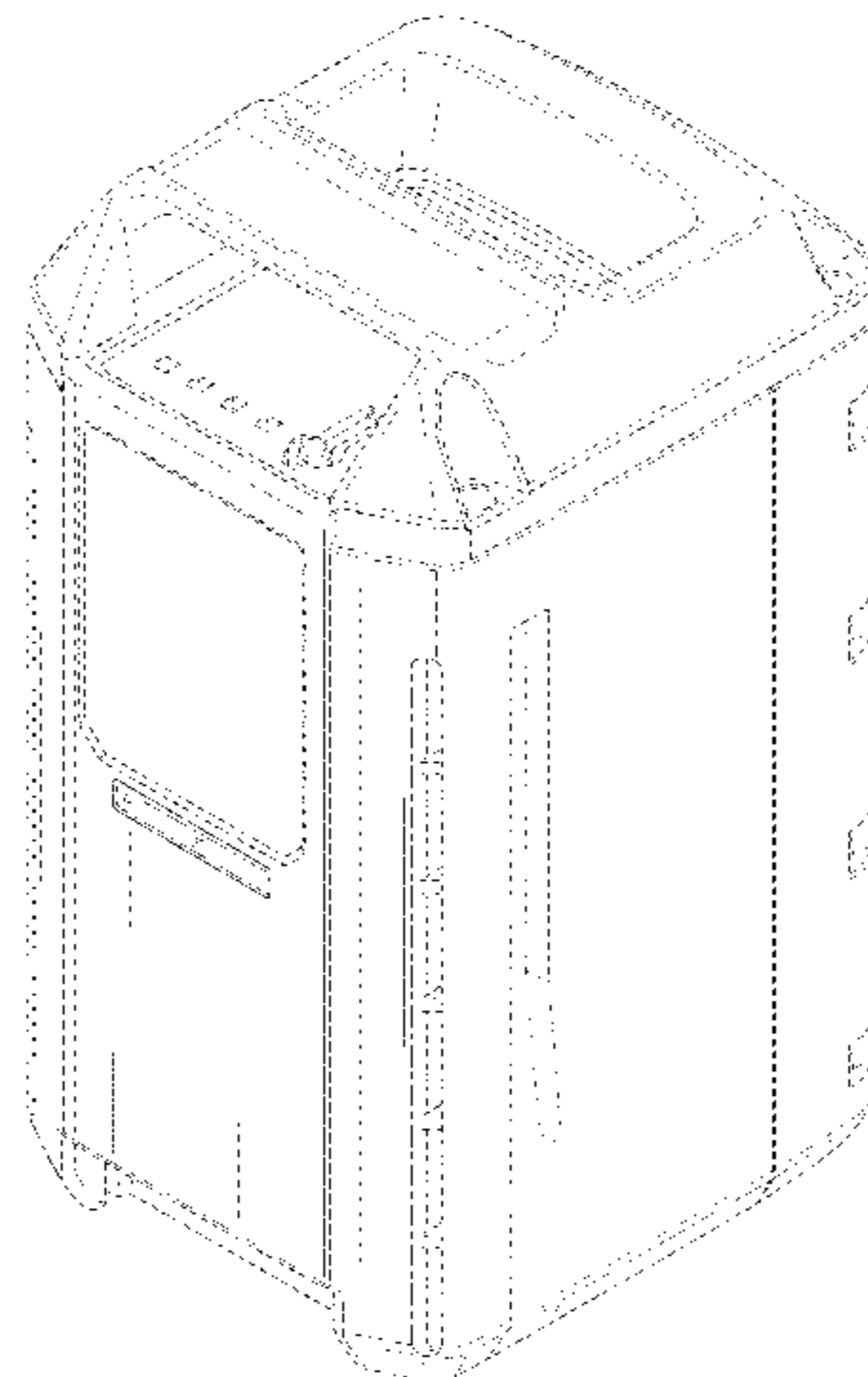
(57) **CLAIM**

The ornamental design for a battery pack, as shown and described.

**DESCRIPTION**

FIG. 1 is a front perspective view of a battery pack.  
FIG. 2 is a front view of the battery pack of FIG. 1.  
FIG. 3 is a rear view of the battery pack of FIG. 1.  
FIG. 4 is a left side view of the battery pack of FIG. 1.  
FIG. 5 is a right side view of the battery pack of FIG. 1.  
FIG. 6 is a top view of the battery pack of FIG. 1; and,  
FIG. 7 is a bottom view of the battery pack of FIG. 1.  
The ornamental design which is claimed is shown in solid lines in the drawings. The portions of the design shown in dash-dash broken lines are included for the purpose of illustrating environment and form no part of the claimed design. The portions of the design shown in dash-dot broken lines are included for the purpose of illustrating the boundary of the design and form no part of the claimed design.

**1 Claim, 7 Drawing Sheets**



- (58) **Field of Classification Search**  
 CPC .. H01M 4/36; H01M 4/62; H01M 4/66; H02J  
 7/00; H02J 7/02; H02J 7/04  
 See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D393,446 S	4/1998	Bellofatto et al.	
D396,697 S *	8/1998	Jasinski .....	D14/349
D412,153 S	7/1999	Chen	
6,007,937 A	12/1999	Ruiz Rodriguez et al.	
D440,219 S *	4/2001	Dysart .....	D14/188
D443,842 S *	6/2001	Kuwabara .....	D10/116.1
D444,138 S *	6/2001	Ito .....	D14/168
D455,711 S	4/2002	Fuhr et al.	
D460,965 S *	7/2002	O'Brien .....	D14/349
D495,994 S	9/2004	Arakelian	
D517,987 S	3/2006	Castagnola et al.	
D545,819 S	7/2007	Chang	
D546,351 S	7/2007	Arthur et al.	
D585,019 S	1/2009	Moser et al.	
D603,792 S	10/2009	Ferro	
D613,832 S	4/2010	Bradbeer	
D616,377 S	5/2010	Bussen et al.	
D623,720 S	9/2010	Brown et al.	
D624,567 S	9/2010	Kelley	
D660,790 S	5/2012	Elison et al.	
D662,053 S	6/2012	Inskeep	
D668,604 S	10/2012	Elison et al.	
D675,562 S	2/2013	Qualls et al.	
D695,680 S	12/2013	Workman et al.	
D699,180 S	2/2014	Sweere et al.	
D706,217 S	6/2014	McKune et al.	
D710,794 S	8/2014	Busschaert et al.	
D712,348 S	9/2014	Zhang	
D712,826 S	9/2014	Marino et al.	
D714,721 S	10/2014	Zhang	
D718,705 S	12/2014	Naksen	

D719,105 S	12/2014	Shin
D724,177 S	3/2015	Lee et al.
D729,292 S	5/2015	Hawa et al.
D731,440 S	6/2015	Välvainio et al.
D734,725 S	7/2015	Pickens et al.
D749,041 S	2/2016	Patel et al.
D751,033 S	3/2016	Dessart et al.
D752,117 S	3/2016	Jackson et al.
D753,585 S	4/2016	Harden et al.
D754,510 S	4/2016	Marino et al.
D765,598 S	9/2016	Dai
D765,816 S	9/2016	Claussen et al.

OTHER PUBLICATIONS

“JVC HR-S7500EK PAL model” Southern Advantage Company.  
<http://www.southernadvantage.com/JVC-HR-S7500EK-PAL-S-VHS-VHS-Video-Cassette-Recorder.html>.\*

“LiNX Lithium Ion Battery” Accessed: Dec. 14, 2015. Hoover.  
<http://hoover.com/products/details/bh50000/linx-lithium-ion-battery/>.

“Hoover Compact Lithium Life Battery.” Accessed Dec. 14, 2015. Hoover. <http://hoover.com/parts/details/bh031> OOpc/hoovercompact-lithiumlife-battery/.

Rabu. “Vacuum battery ontel swivel sweeper.” Posted Nov. 30, 2011. Best Seller Trends.<http://bestsellertrends.blogspot.com/2011/11/vacuum-battery-ontel-swivel-sweeper.html>.

“Sead Lead acid battery,: China SLA Batteries Exporter and Supplier.” Accessed: Dec. 14, 2015. Solat Motorcycle Parts. <http://www.solat.cn/Electric-Appliance/Sead-Lead-Acid-Battery.html>.

United States Patent Office Notice of Allowance for U.S. Appl. No. 29/561,247 dated Dec. 7, 2016.

United States Patent Office Action for U.S. Appl. No. 29/561,249 dated Nov. 25, 2016.

United States Patent Office Action for U.S. Appl. No. 29/561,254 dated Dec. 9, 2016.

\* cited by examiner

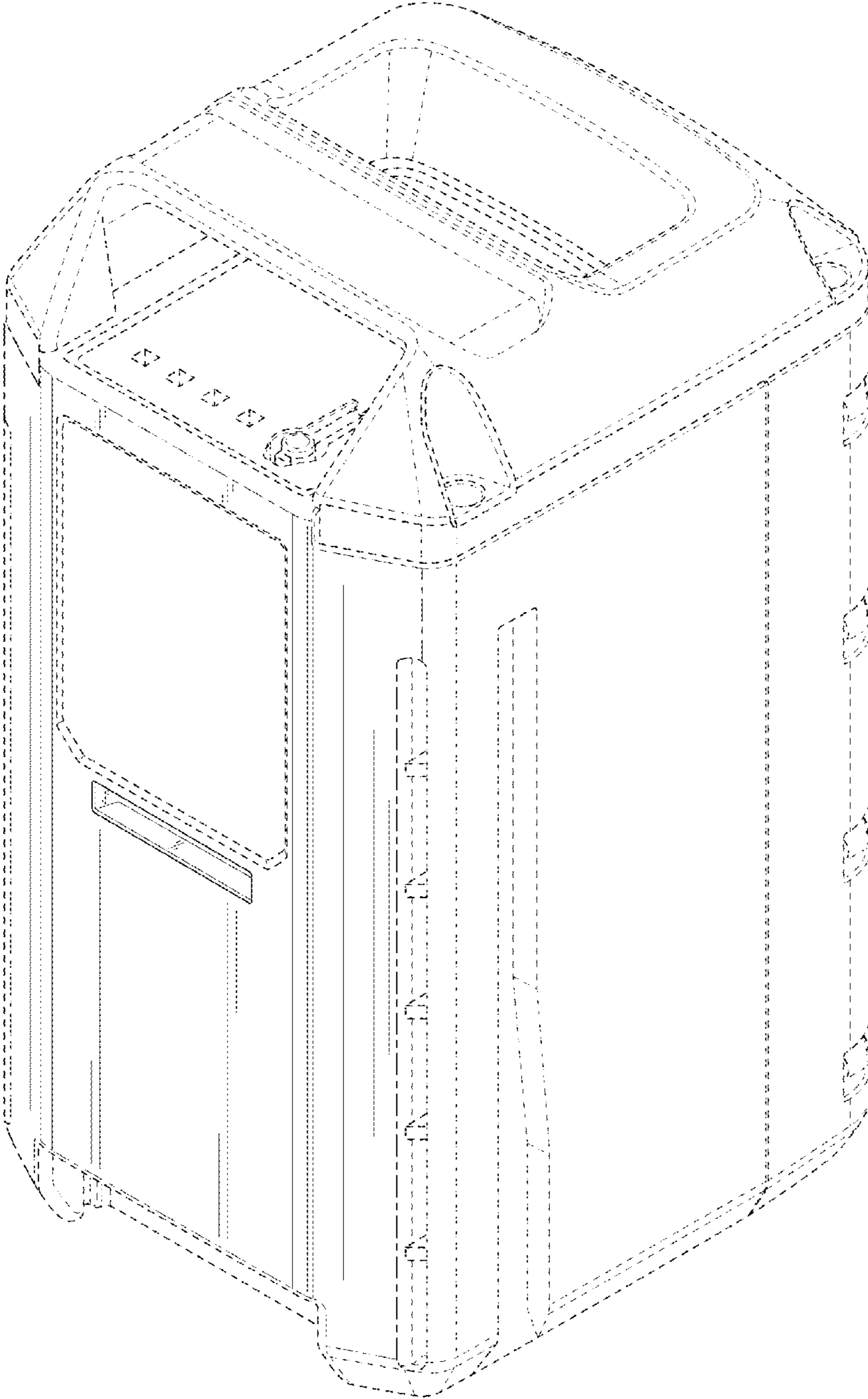


FIG. 1

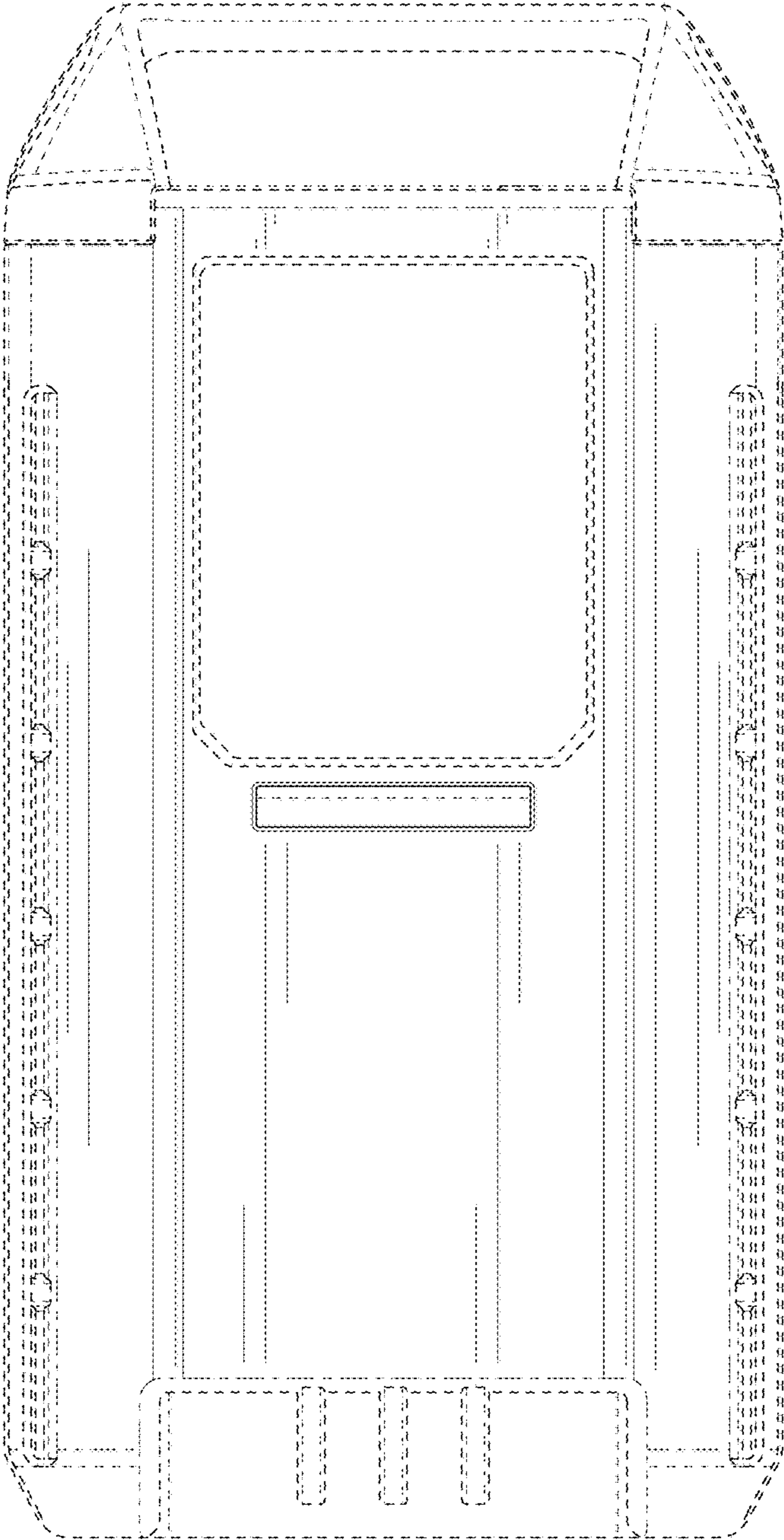


FIG. 2

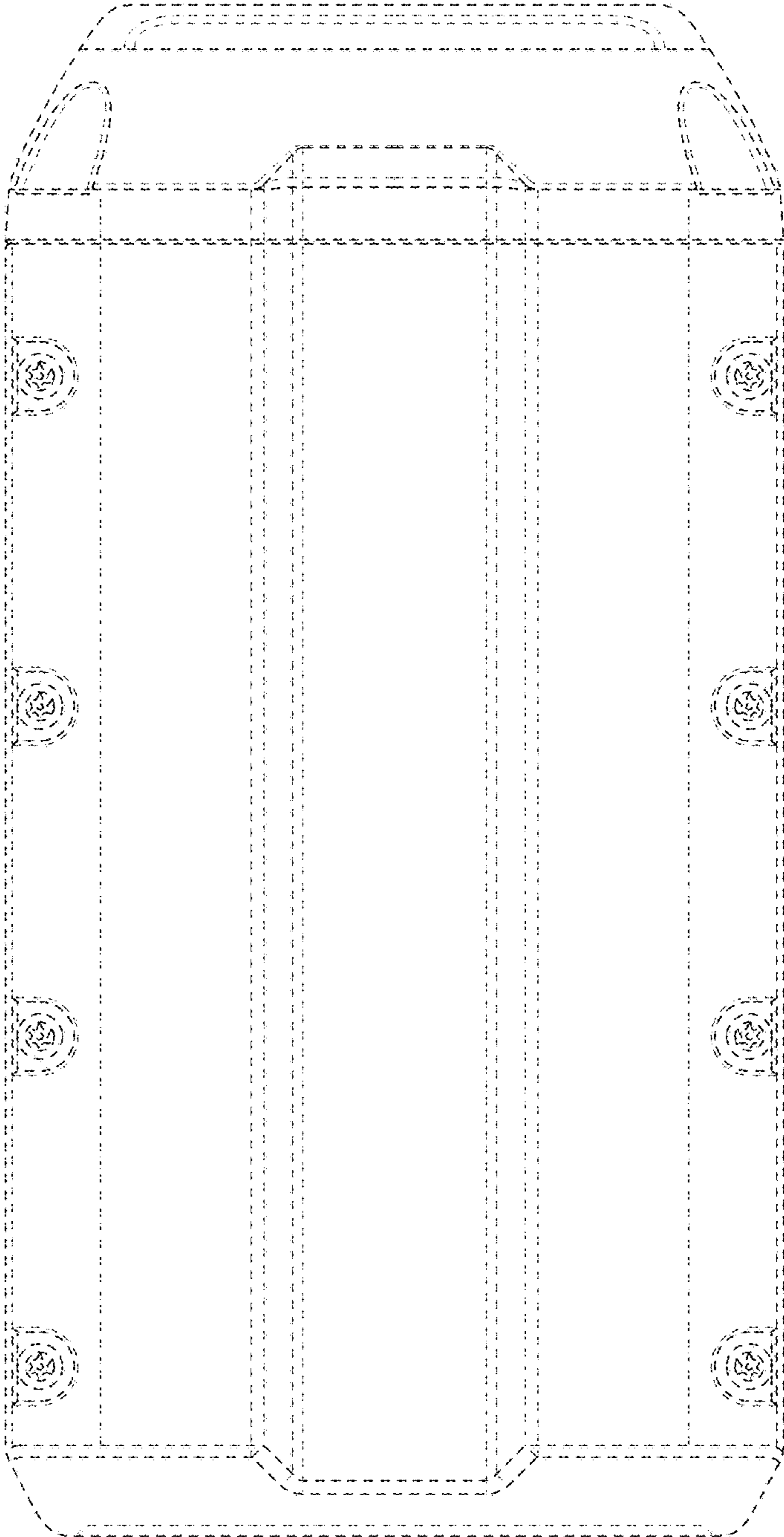


FIG. 3

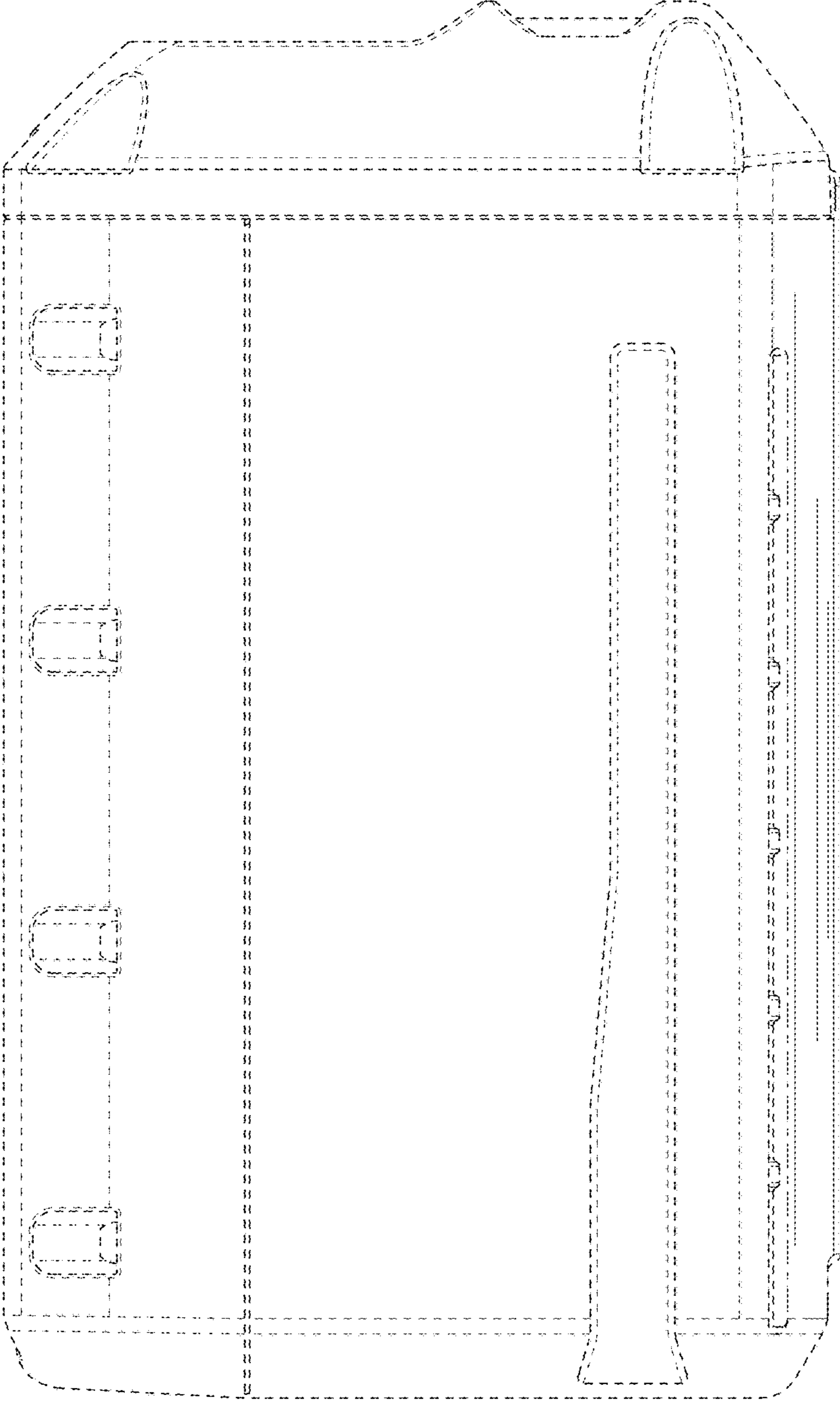


FIG. 4

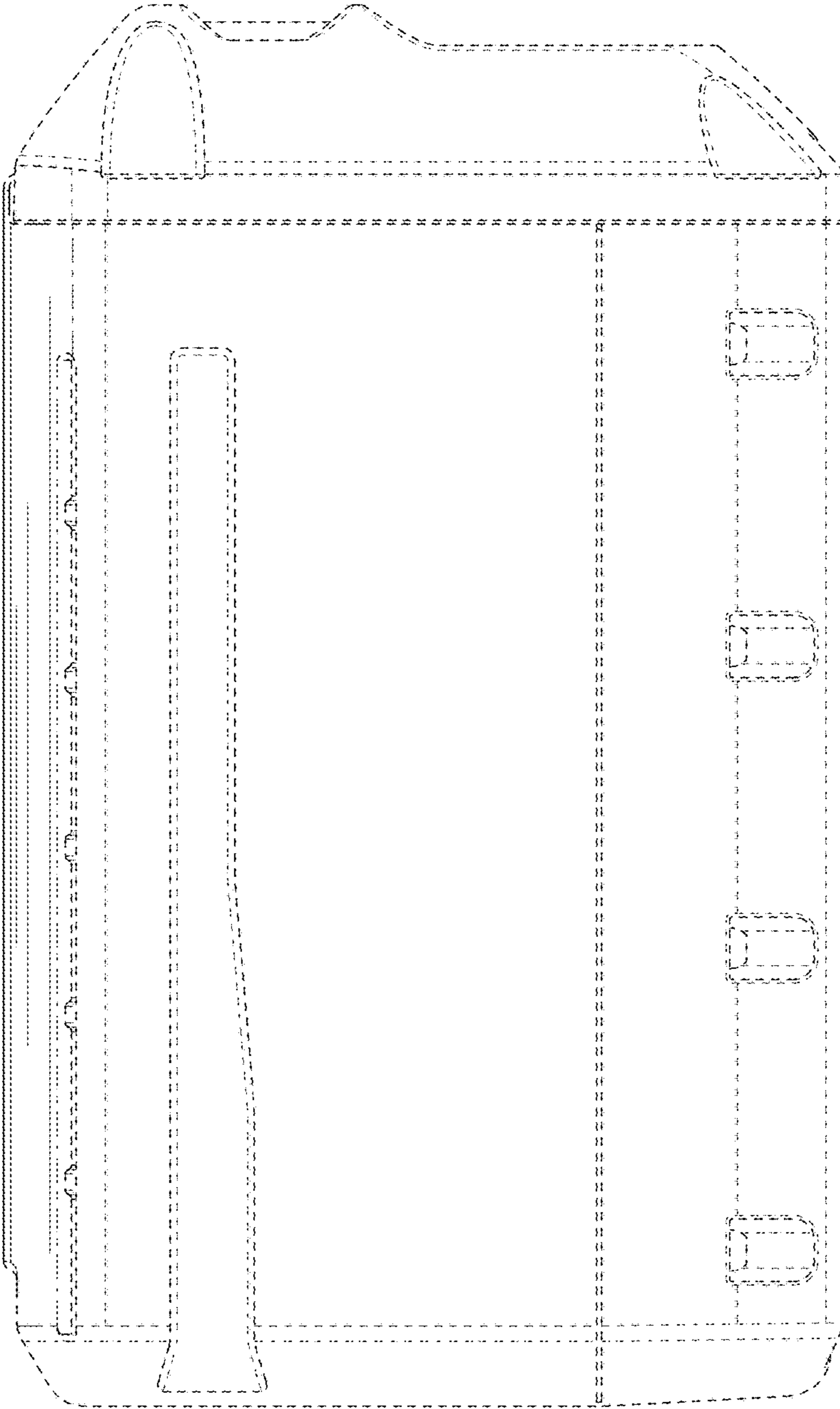


FIG. 5

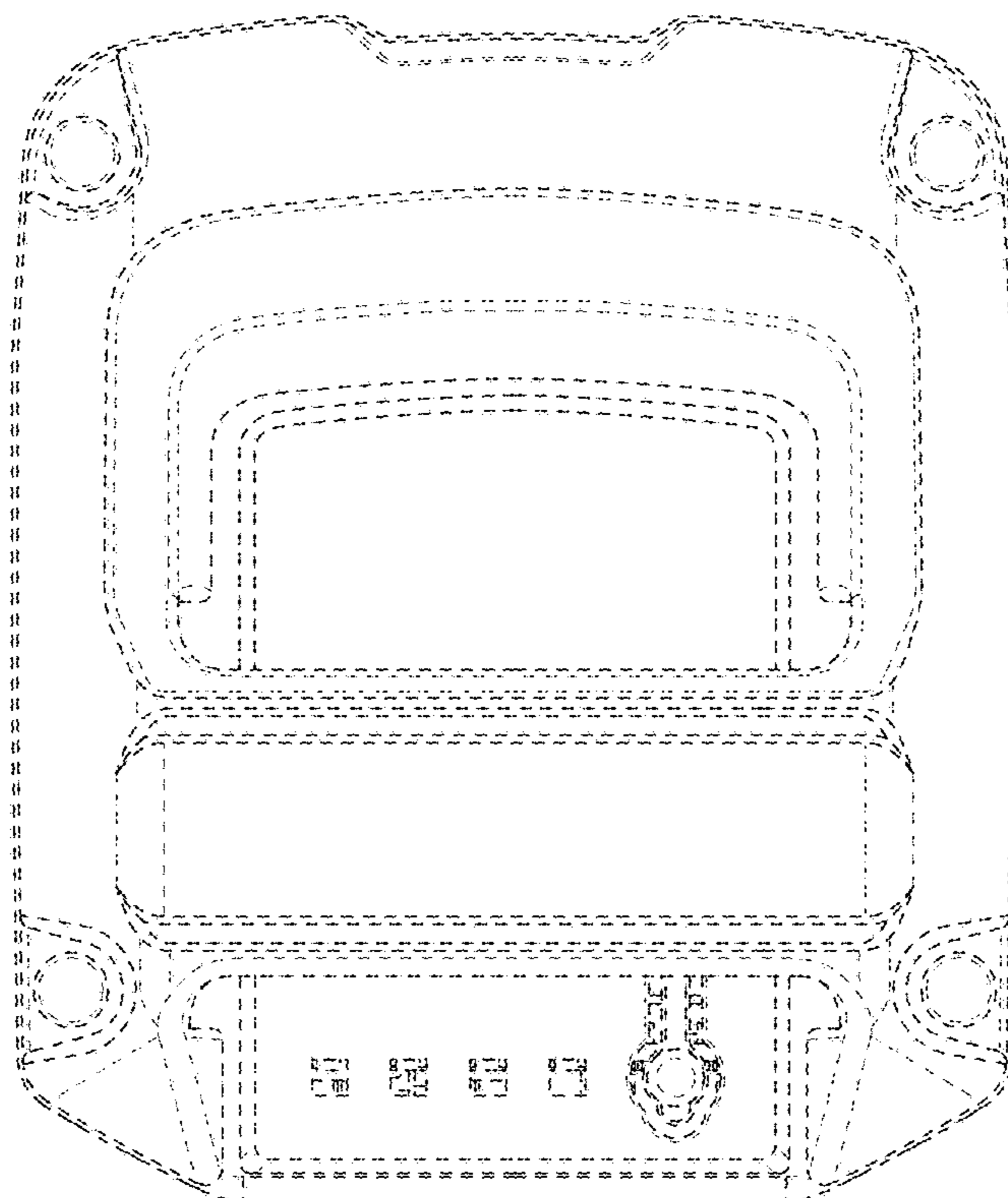


FIG. 6



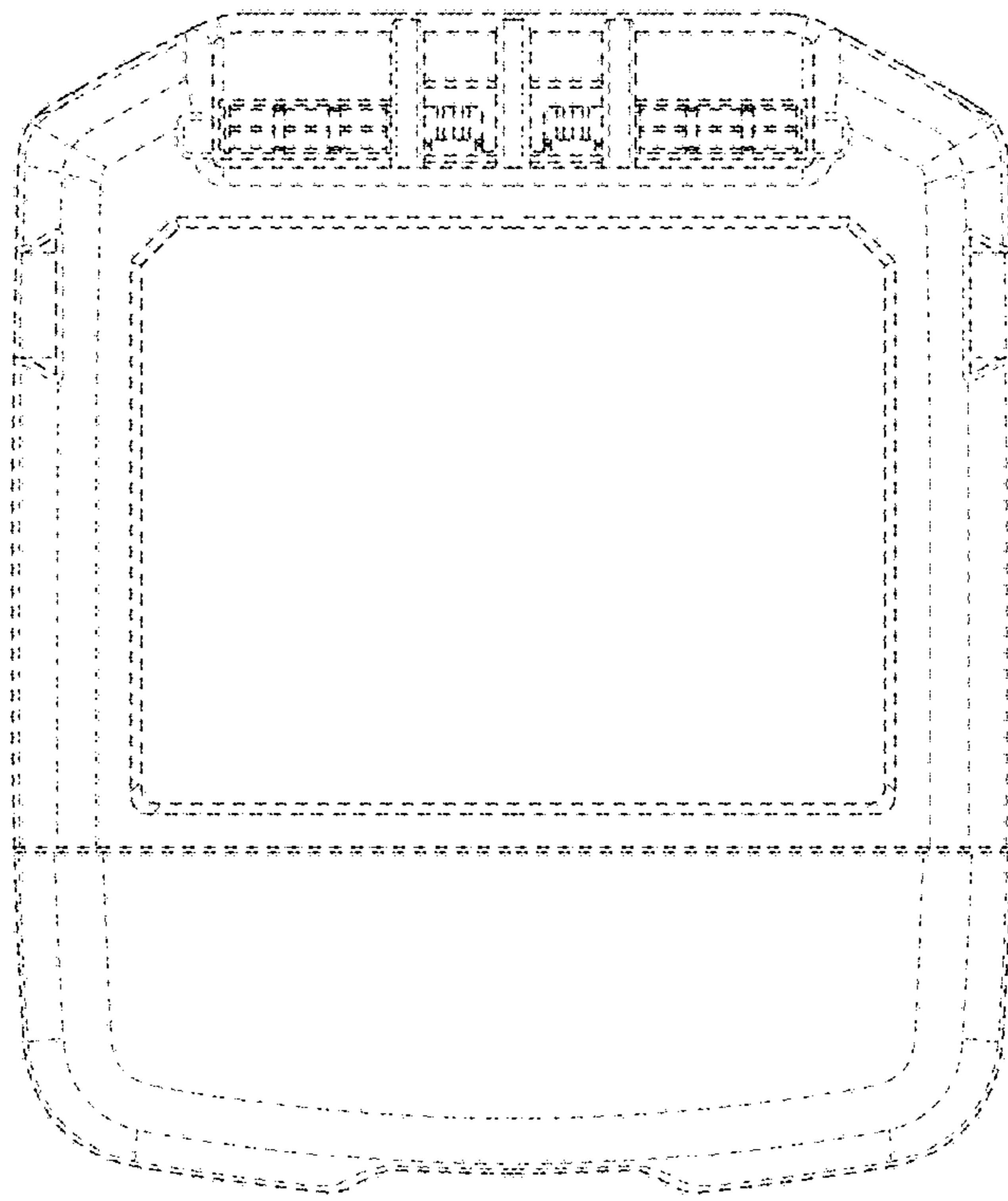


FIG. 7