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

(10) **Patent No.: US D742,310 S**
(45) **Date of Patent: ** Nov. 3, 2015**

(54) **MOBILE CHARGING DEVICE**

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(73) Assignee: **SPACEKEY (USA), INC.**, Placentia, CA (US)

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

(21) Appl. No.: **29/501,628**

(22) Filed: **Sep. 5, 2014**

(51) **LOC (10) Cl.** **13-02**

(52) **U.S. Cl.**
USPC **D13/108**

(58) **Field of Classification Search**
USPC D13/102–110, 118–119, 184, 199; D14/356, 432, 251, 253, 434
CPC Y02E 60/12; Y02E 60/10; Y02E 60/122; Y02E 60/124; Y02E 60/50; Y02T 90/14; Y02T 90/122; Y02T 90/128; Y02T 90/163; H02J 7/025; H02J 7/0042; H02J 7/0044; H02J 7/0045; H02J 7/0003; H02J 7/00; H02J 7/0011; H02J 7/0013; H02J 7/0054; H02J 7/0055; H02J 7/0057; H02J 2007/0062; H01F 38/14; H01R 13/6675; 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 2/20; H01M 2/202; H01M 2/204; H01M 2/206; H01M 10/44; H01M 10/46; H01M 10/465; H01M 10/482; H01M 10/425; H01M 2200/30; H01M 2250/30; H01M 2250/40; B60L 11/182
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D639,736 S * 6/2011 Su D13/110
D682,196 S * 5/2013 Leung D13/103

(Continued)

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Assistant Examiner — Sanjeev Paul
(74) *Attorney, Agent, or Firm* — Karish & Bjorgum, PC

(57) **CLAIM**

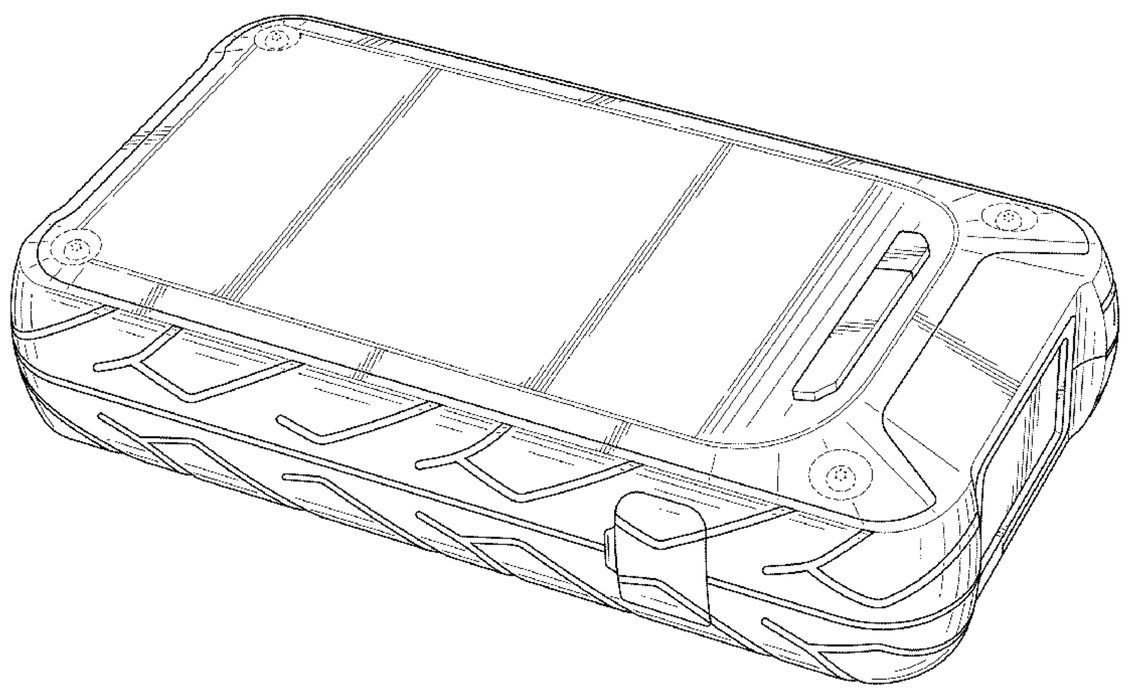
The ornamental design for a mobile charging device, as shown and described.

DESCRIPTION

FIG. **1** is rear right top isometric view of the mobile charging device of the invention with access flaps in a closed state;
FIG. **2** is a right side isometric view of the mobile charging device of FIG. **1**;
FIG. **3** is a left side isometric view of the mobile charging device of FIG. **1**;
FIG. **4** is a rear isometric view of the mobile charging device of FIG. **1**;
FIG. **5** is a front isometric view of the mobile charging device of FIG. **1**;
FIG. **6** is a top isometric view of the mobile charging device of FIG. **1**;
FIG. **7** is a bottom isometric view of the mobile charging device of FIG. **1**;
FIG. **8** is a rear right top isometric view of the mobile charging device of the invention with access flaps in an open state;
FIG. **9** is a right side view of the mobile charging device of FIG. **8**;
FIG. **10** is a left side view of the mobile charging device of FIG. **8**;
FIG. **11** is a rear view of the mobile charging device of FIG. **8**;
FIG. **12** is a front view of the mobile charging device of FIG. **8**;
FIG. **13** is a top view of the mobile charging device of FIG. **8**; and,
FIG. **14** is a bottom view of the mobile charging device of FIG. **8**.

The features shown in dashed lines form no part of the design and are not claimed.

1 Claim, 7 Drawing Sheets



(56) **References Cited**

U.S. PATENT DOCUMENTS

D682,777	S	*	5/2013	Gupta	D13/103
D693,297	S	*	11/2013	Inskeep	D13/103
D694,180	S	*	11/2013	Inskeep	D13/107
D704,626	S	*	5/2014	Li	D13/103
D711,318	S	*	8/2014	Xinfang	D13/103
D720,687	S	*	1/2015	Hasbrook	D13/103
D722,951	S	*	2/2015	Parsons	D13/103

* cited by examiner

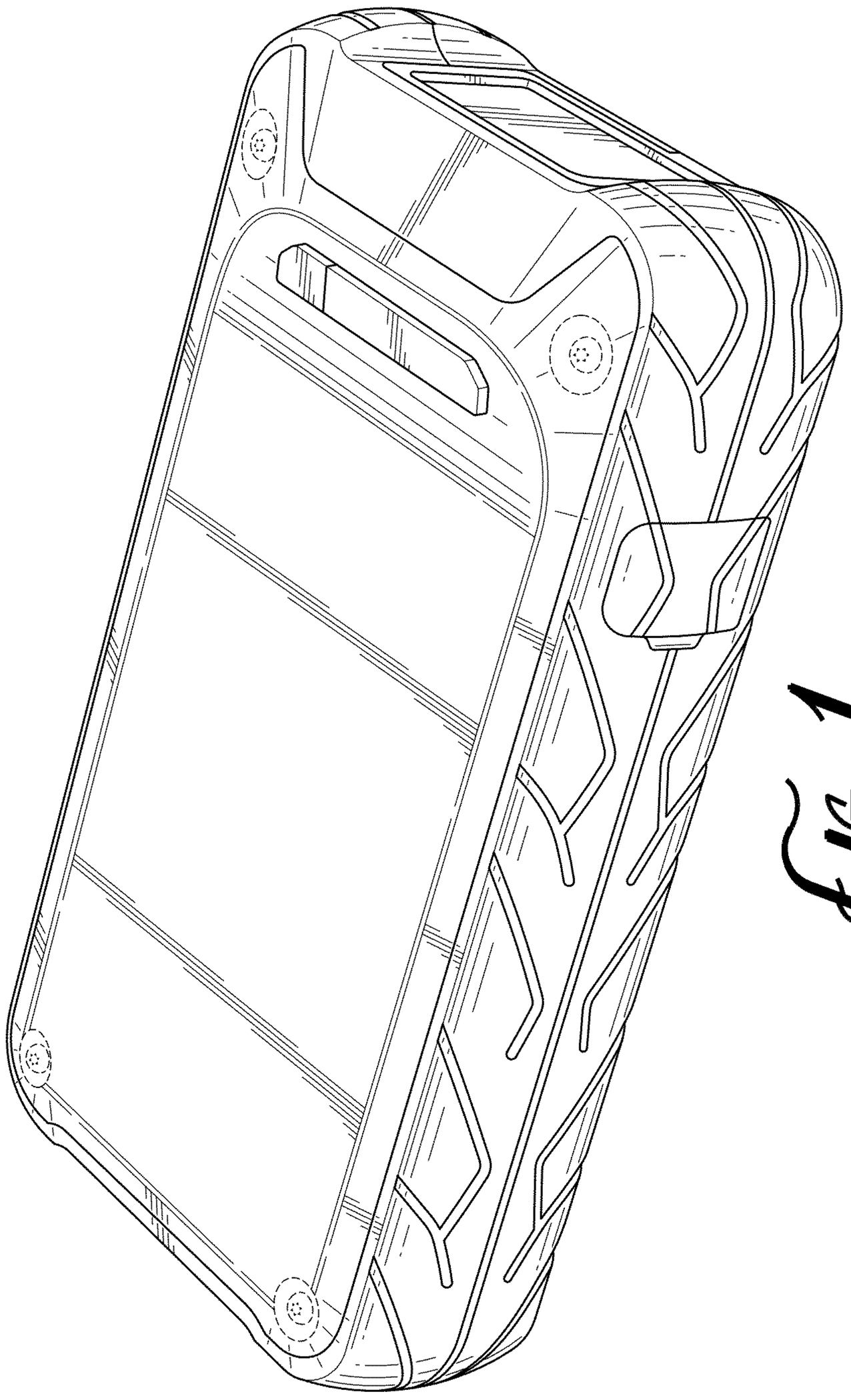


Fig. 1

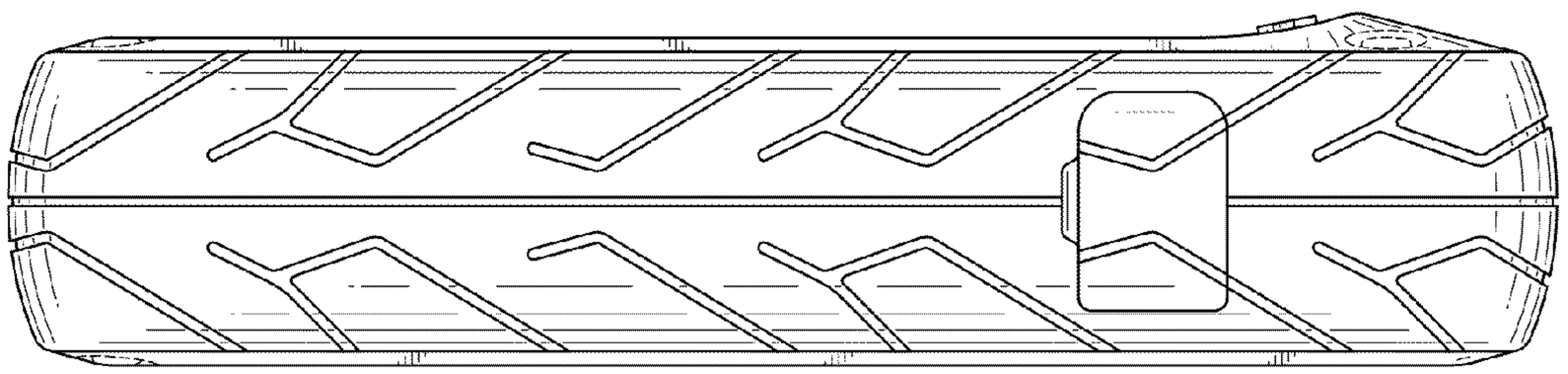


FIG. 2

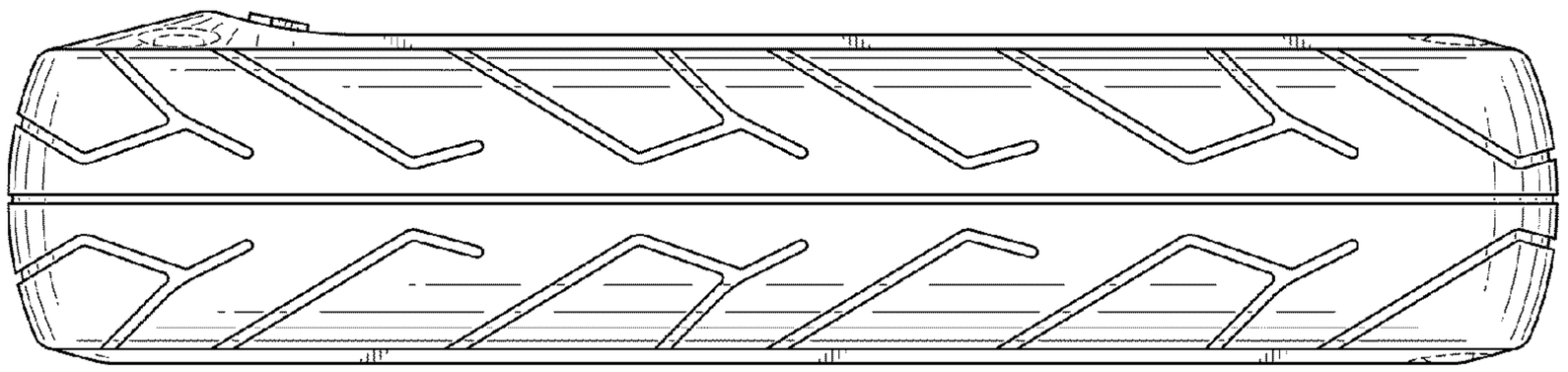


FIG. 3

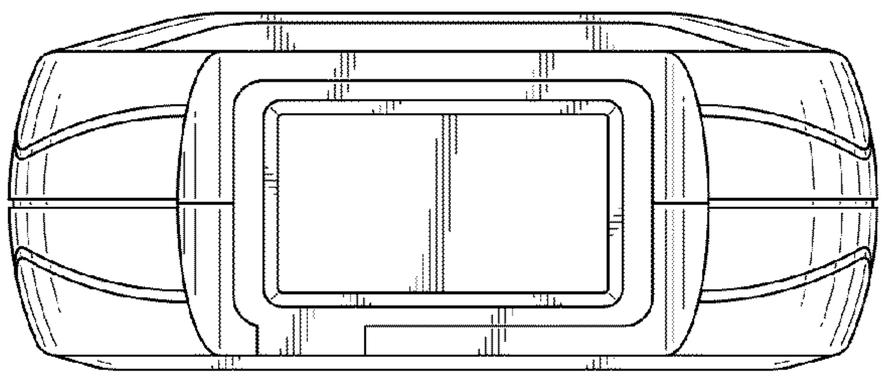


FIG. 4

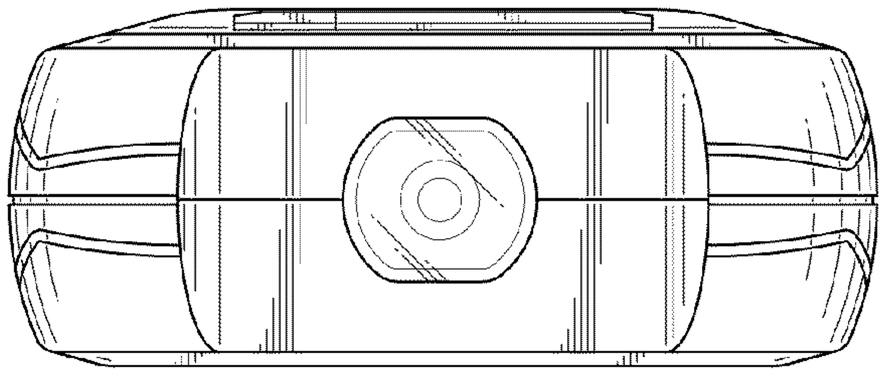


FIG. 5

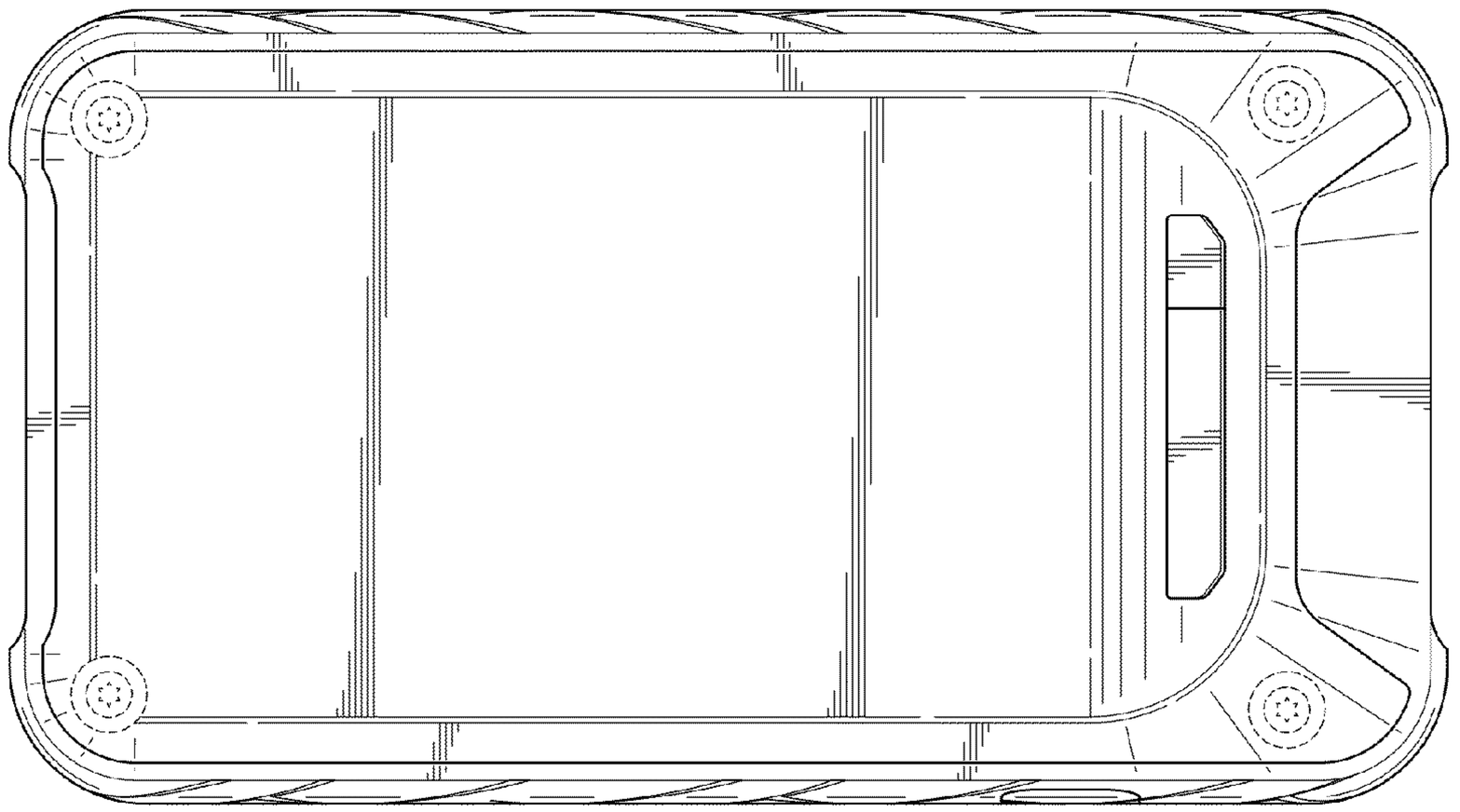


FIG. 6

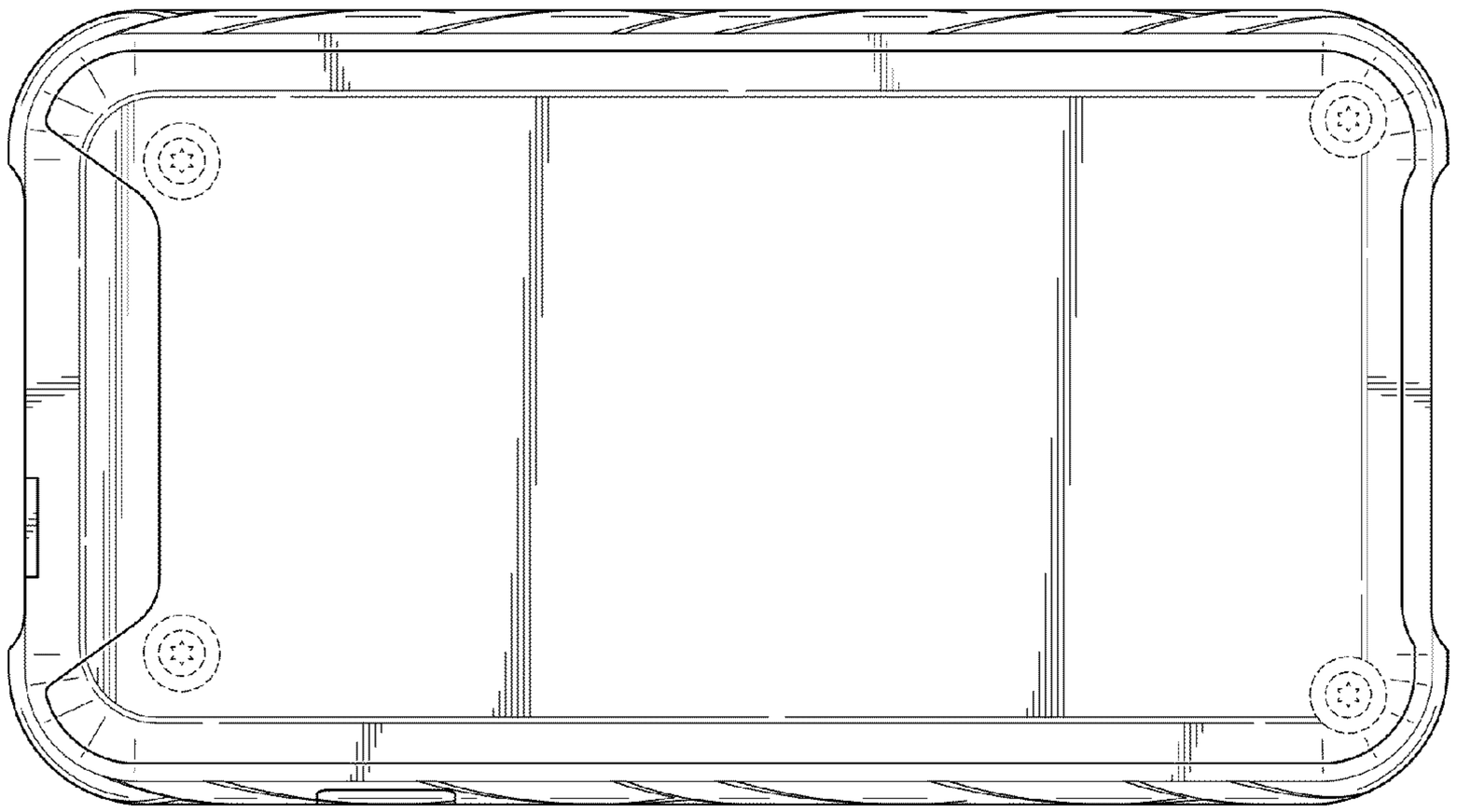


FIG. 7

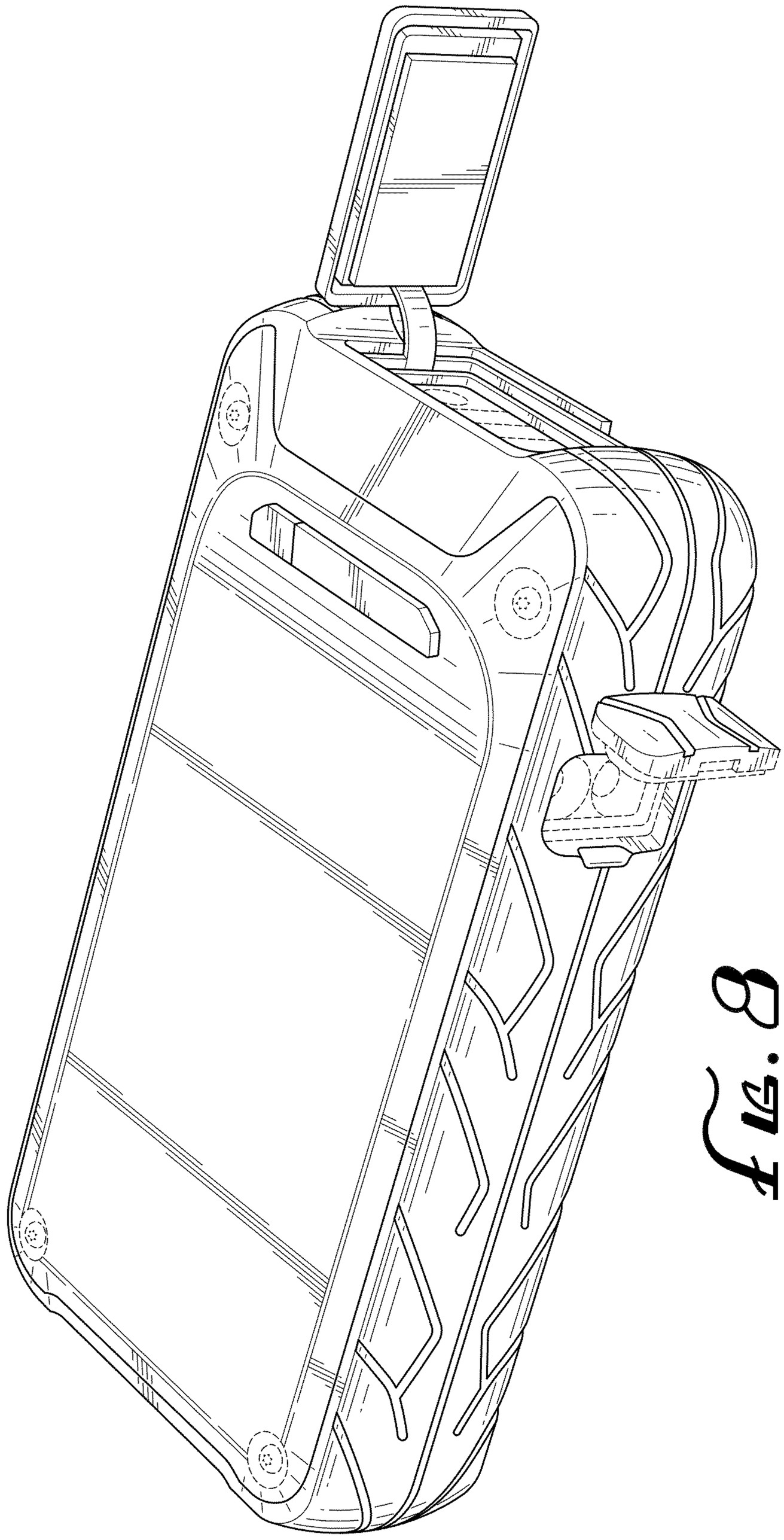


Fig. 7

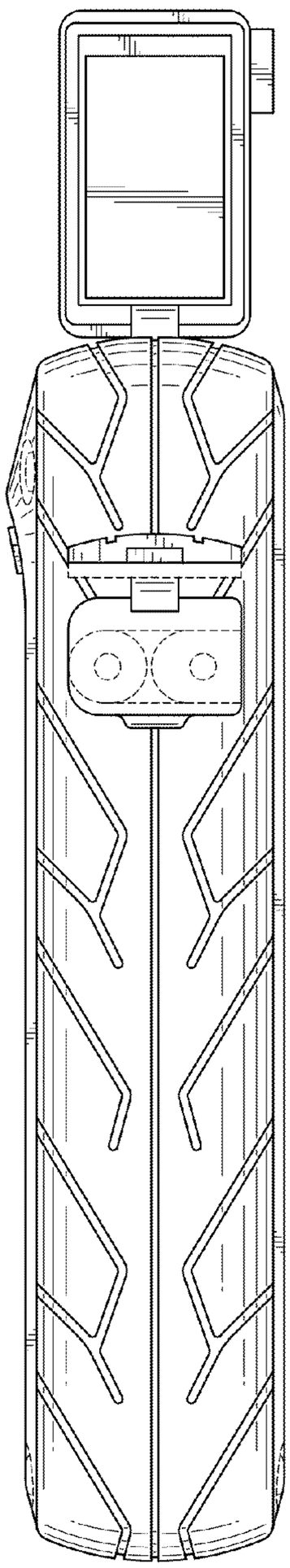


Fig. 9

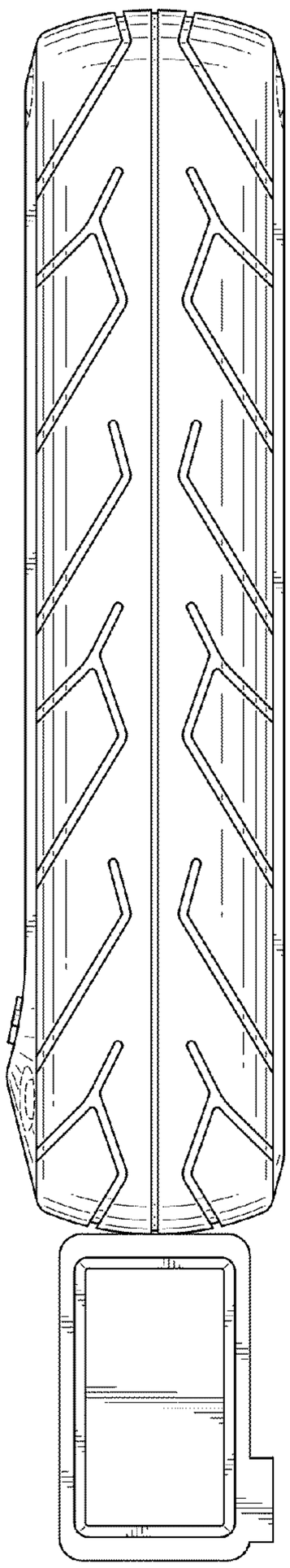


Fig. 10

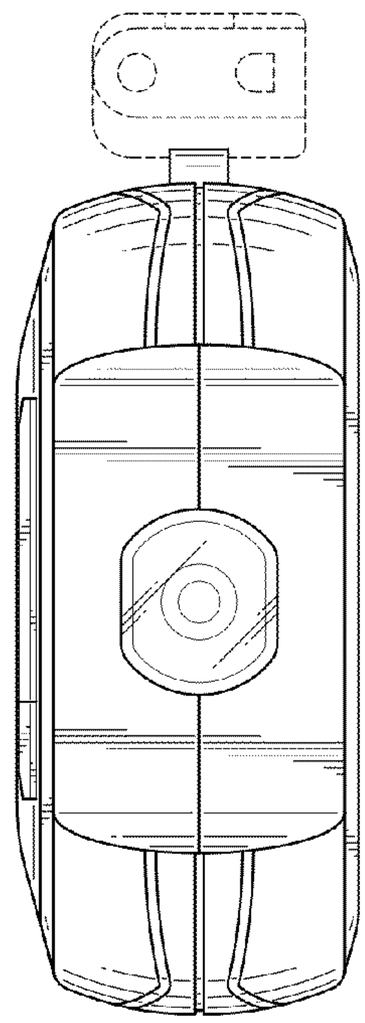


Fig. 12

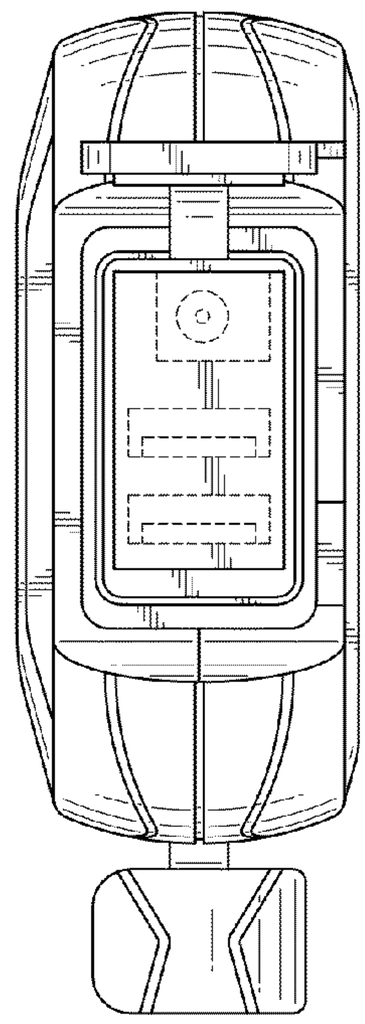


Fig. 11

Fig. 13

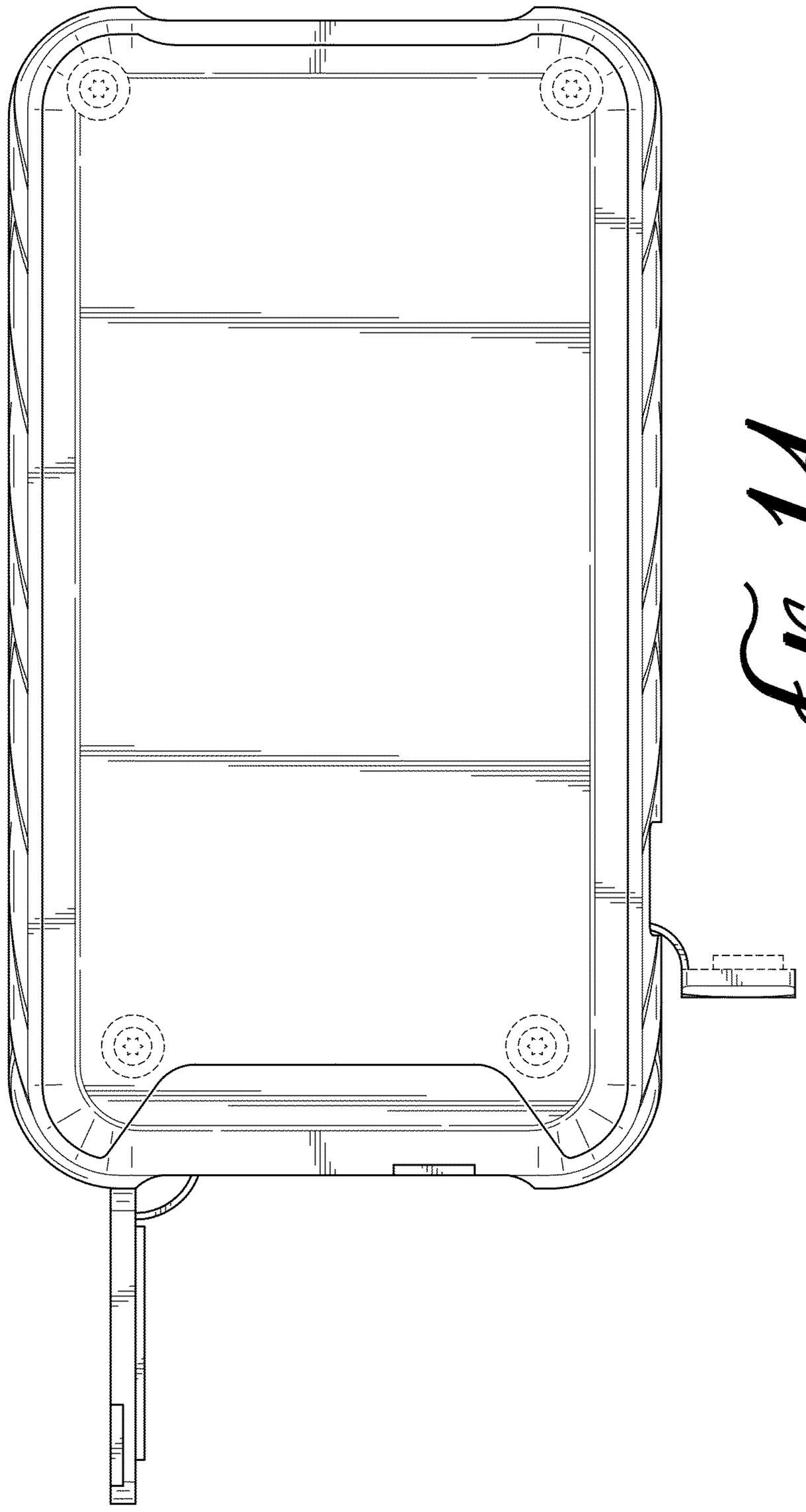


FIG. 14