



US00D834972S

(12) **United States Design Patent**  
**Herron et al.**

(10) **Patent No.:** **US D834,972 S**  
(45) **Date of Patent:** **\*\* Dec. 4, 2018**

- (54) **VEHICLE DIAGNOSTIC DEVICE**
  - (71) Applicant: **Drew Technologies, Inc.**, Ann Arbor, MI (US)
  - (72) Inventors: **Brian J. Herron**, Dexter, MI (US);  
**Michael L. Drew**, Dexter, MI (US);  
**Bert Steck**, Ann Arbor, MI (US);  
**David Baartman**, Canton, MI (US)
  - (73) Assignee: **Drew Technologies, Inc.**, Ann Arbor, MI (US)
  - (\*\*) Term: **15 Years**
  - (21) Appl. No.: **29/600,447**
  - (22) Filed: **Apr. 12, 2017**
  - (51) **LOC (11) Cl.** ..... **10-04**
  - (52) **U.S. Cl.**  
USPC ..... **D10/75**
  - (58) **Field of Classification Search**  
USPC ..... D10/75, 76, 78  
CPC ..... G01D 5/00; G06F 21/00; G06F 17/00;  
G06F 1/166; G06F 1/1656; G06F 1/1626;  
G06F 1/1609; G06F 1/637; G06F  
3/03547; G06F 3/04842; G06F 3/04817;  
G01M 17/00; G01M 17/007; G01M  
15/05; G01R 31/007; G01R 31/3648;  
G01R 31/3693; G01R 31/3627; G01R  
31/31907; G01R 31/319; G01R 31/28;  
F17D 1/08; F02P 17/08; G07C 2205/02;  
G07C 5/00; G07C 5/002; G07C 5/004;  
G07C 5/006; G07C 5/008; G07C 5/02;  
G07C 5/04; G07C 5/06; G07C 5/08;  
G07C 5/0808; G07C 5/0816; G07C  
5/0825; G07C 5/0833; G07C 5/0841;  
G07C 5/085; G07C 5/0858; G07C  
5/0866; G07C 5/0875; G07C 5/0883;  
G07C 5/0891
- See application file for complete search history.

- 8,339,254 B2 12/2012 Drew et al.
  - D675,568 S 2/2013 Drew et al.
  - 8,638,207 B2 1/2014 Drew et al.
  - D701,832 S 4/2014 Drew et al.
- (Continued)

**OTHER PUBLICATIONS**

Commonly assigned co-pending U.S. Appl. No. 15/446,744, filed Mar. 1, 2017, entitled Remote Diagnostic System and Method.  
(Continued)

*Primary Examiner* — Antoine Duval Davis  
(74) *Attorney, Agent, or Firm* — Gardner, Linn, Burkhardt & Ondersma LLP

(57) **CLAIM**

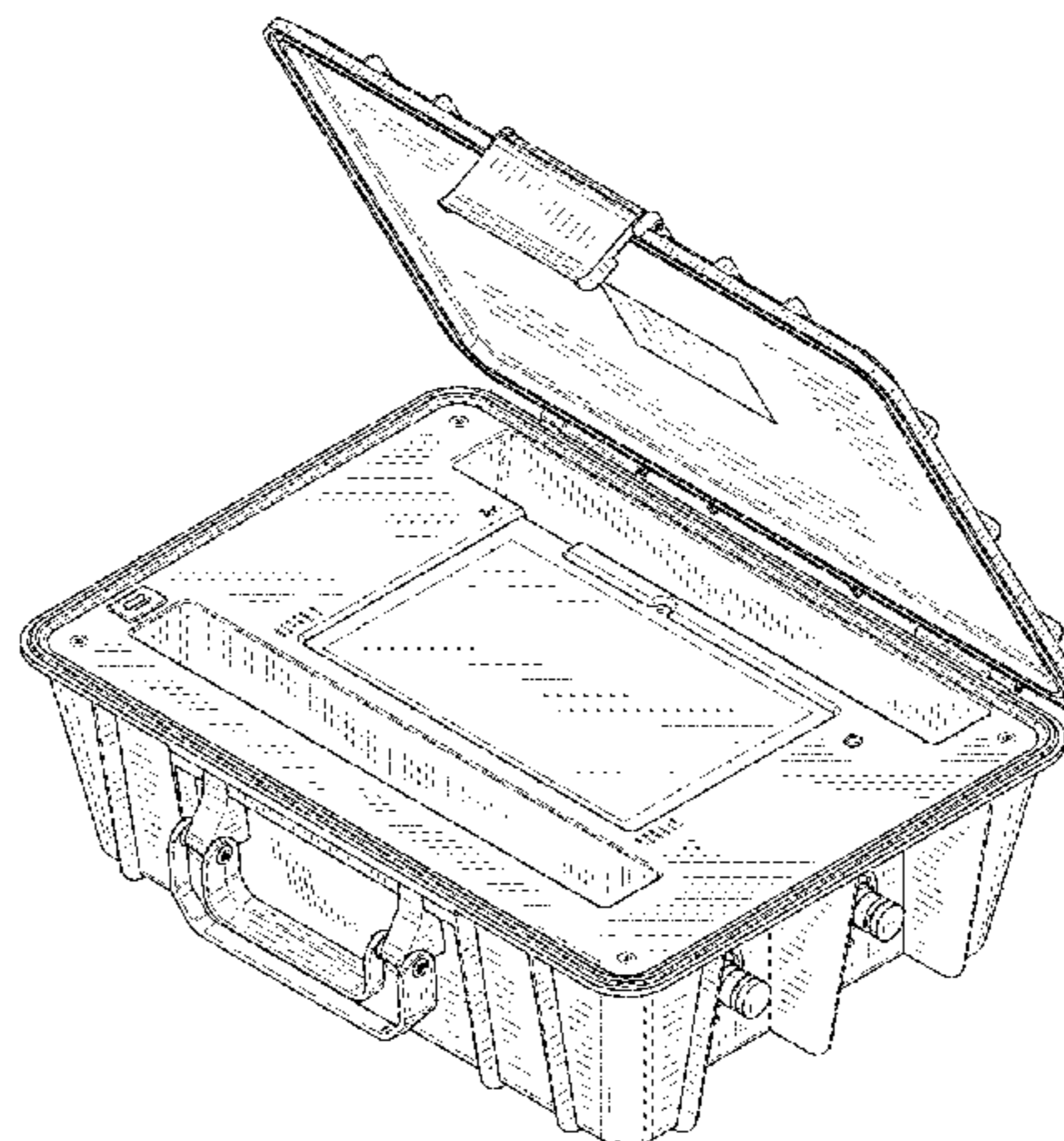
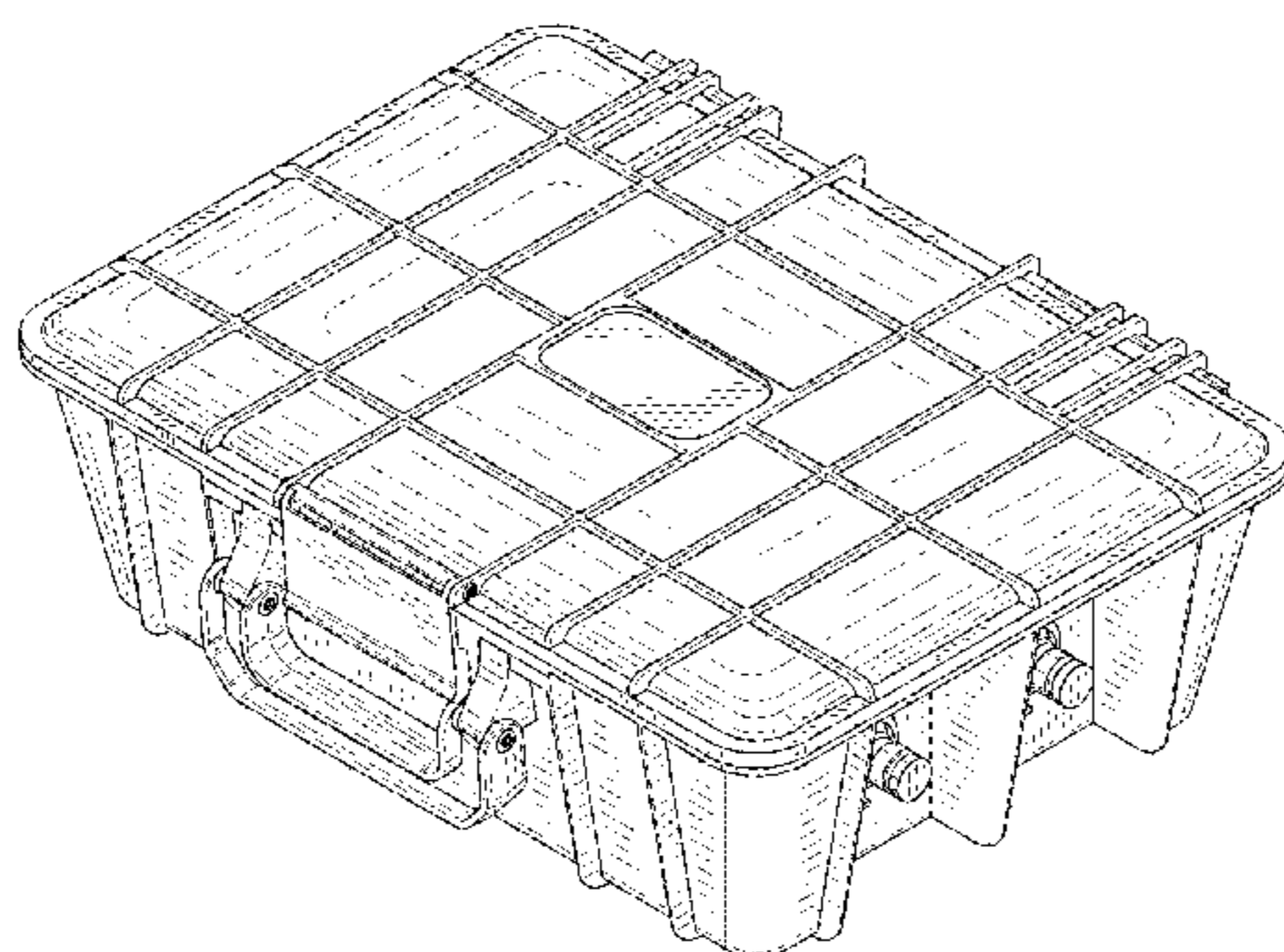
The ornamental design for the vehicle diagnostic device, as shown and described.

**DESCRIPTION**

FIG. 1 is a front perspective view of the vehicle diagnostic device;  
 FIG. 2 is a top plan view of the vehicle diagnostic device of FIG. 1;  
 FIG. 3 is a front elevation view of the vehicle diagnostic device of FIG. 1;  
 FIG. 4 is a left side elevation view of the vehicle diagnostic device of FIG. 1;  
 FIG. 5 is a right side elevation view of the vehicle diagnostic device of FIG. 1;  
 FIG. 6 is rear elevation view of the vehicle diagnostic device of FIG. 1;  
 FIG. 7 is a bottom plan view of the vehicle diagnostic device of FIG. 1; and,  
 FIG. 8 is a front perspective view of the vehicle diagnostic device of FIG. 1 shown in an open orientation.  
 The broken lines depict environmental subject matter only and form no part of the claimed design.

**1 Claim, 6 Drawing Sheets**

- (56) **References Cited**  
U.S. PATENT DOCUMENTS
- 7,786,851 B2 8/2010 Drew et al.
- 7,928,837 B2 4/2011 Drew et al.



(56)

**References Cited**

U.S. PATENT DOCUMENTS

D718,201 S	11/2014	Drew et al.
D725,519 S	3/2015	Drew et al.
2011/0153150 A1	6/2011	Drew et al.
2014/0086242 A1	3/2014	Drew et al.
2014/0121894 A1	5/2014	Drew et al.
2014/0121937 A1	5/2014	Drew et al.
2014/0172230 A1	6/2014	Drew et al.
2014/0297099 A1	10/2014	Drew et al.
2014/0309905 A1	10/2014	Drew et al.
2017/0172397 A1	6/2017	Zardini

OTHER PUBLICATIONS

Commonly assigned co-pending U.S. Appl. No. 15/651,351, filed Jul. 17, 2017, entitled Vehicle Diagnostic and Programming Device and Method.

Commonly assigned co-pending U.S. Appl. No. 15/485,531, filed Apr. 12, 2017, entitled Vehicle Programming and Diagnostic Device With Integrated Battery Charger.

Commonly assigned co-pending U.S. Appl. No. 15/485,643, filed Apr. 12, 2017, entitled Battery Charger With Projecting Members.

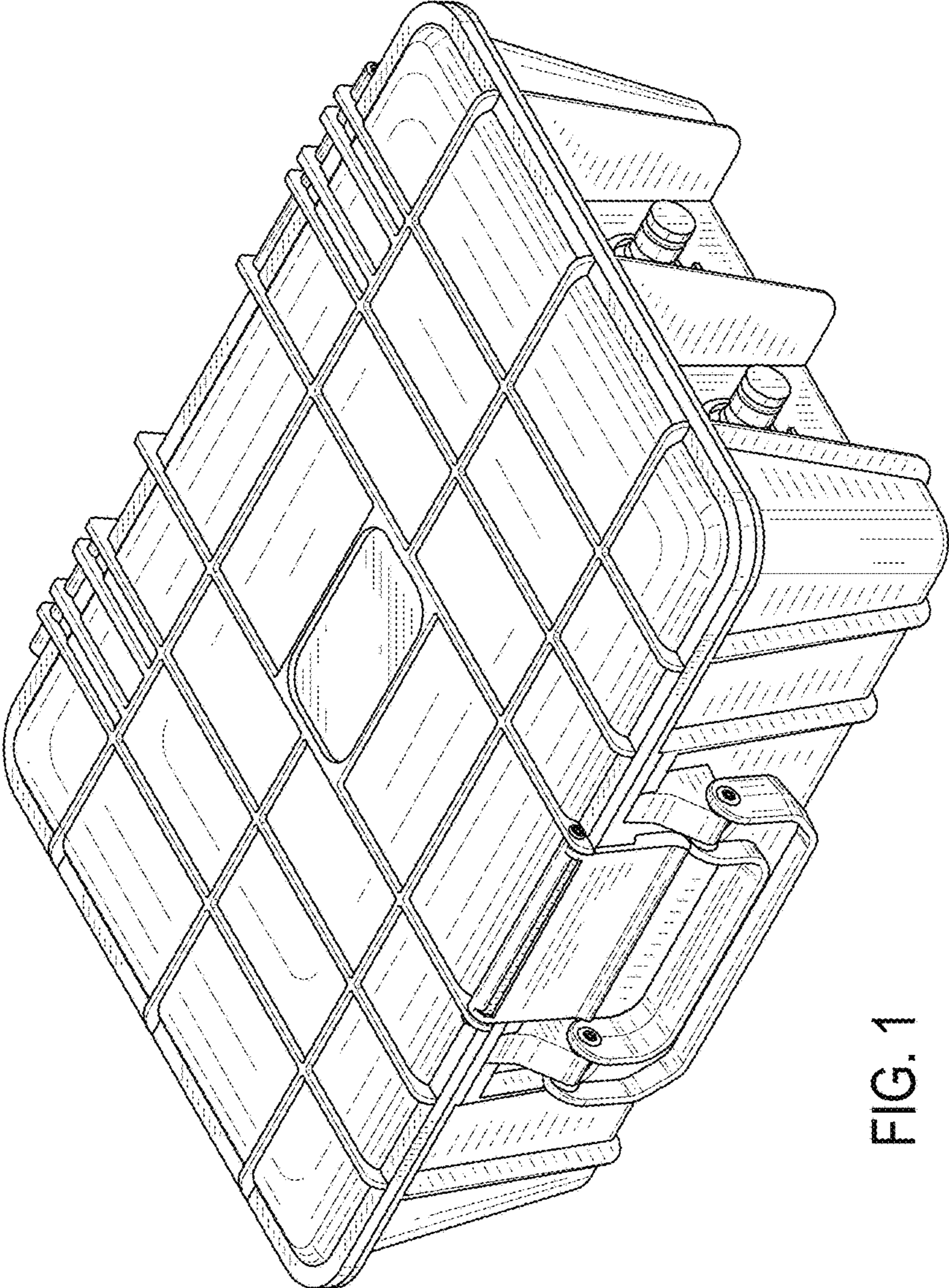


FIG. 1

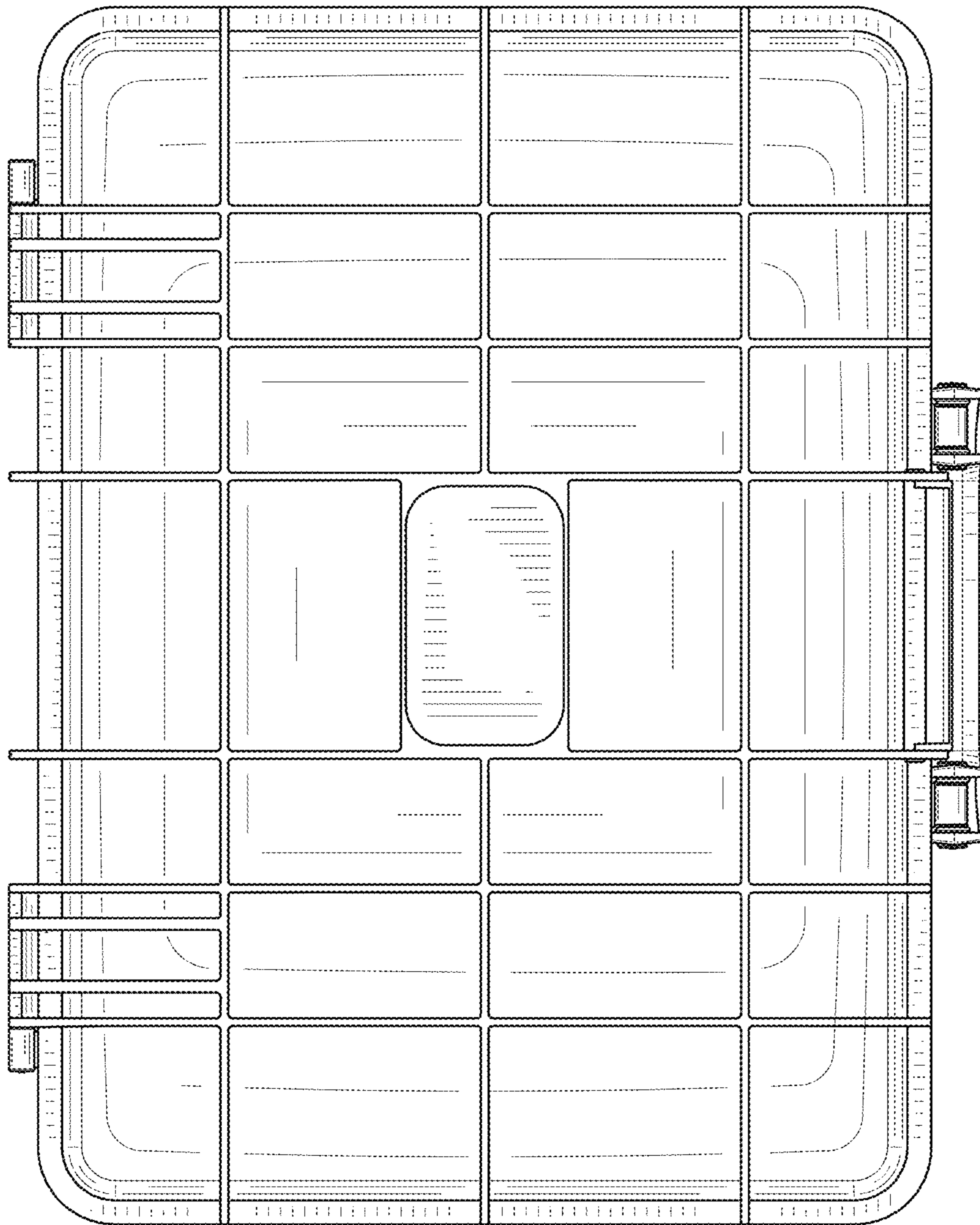


FIG. 2

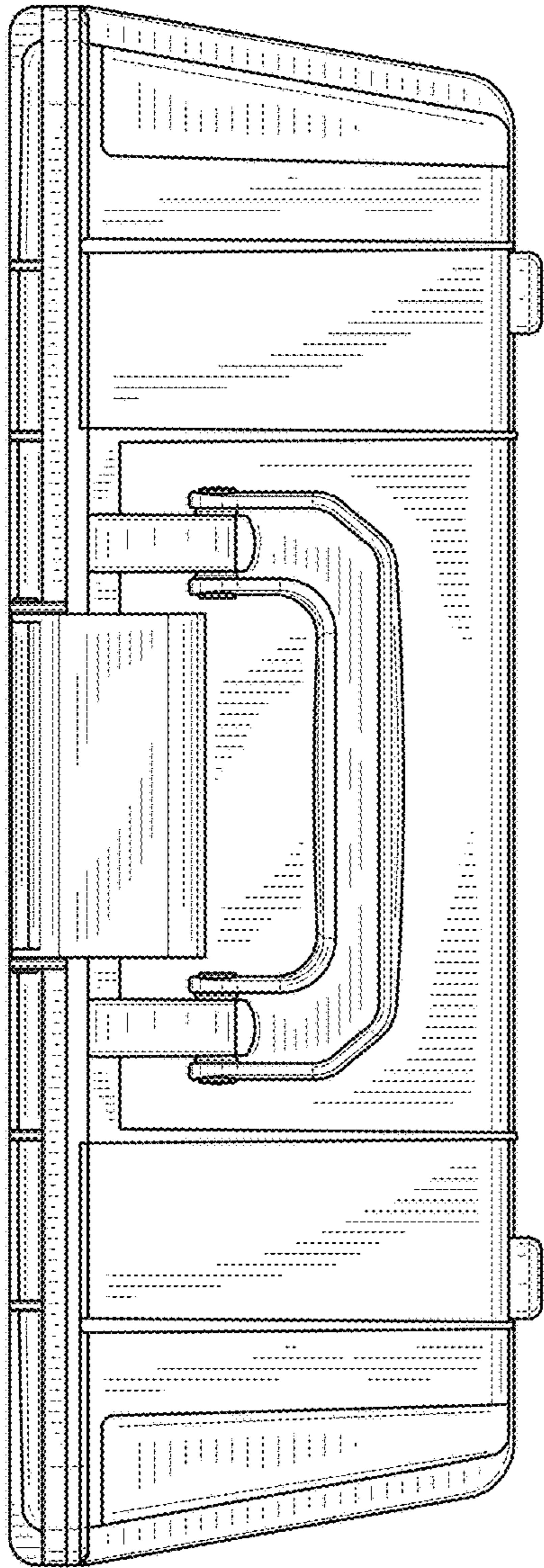


FIG. 3

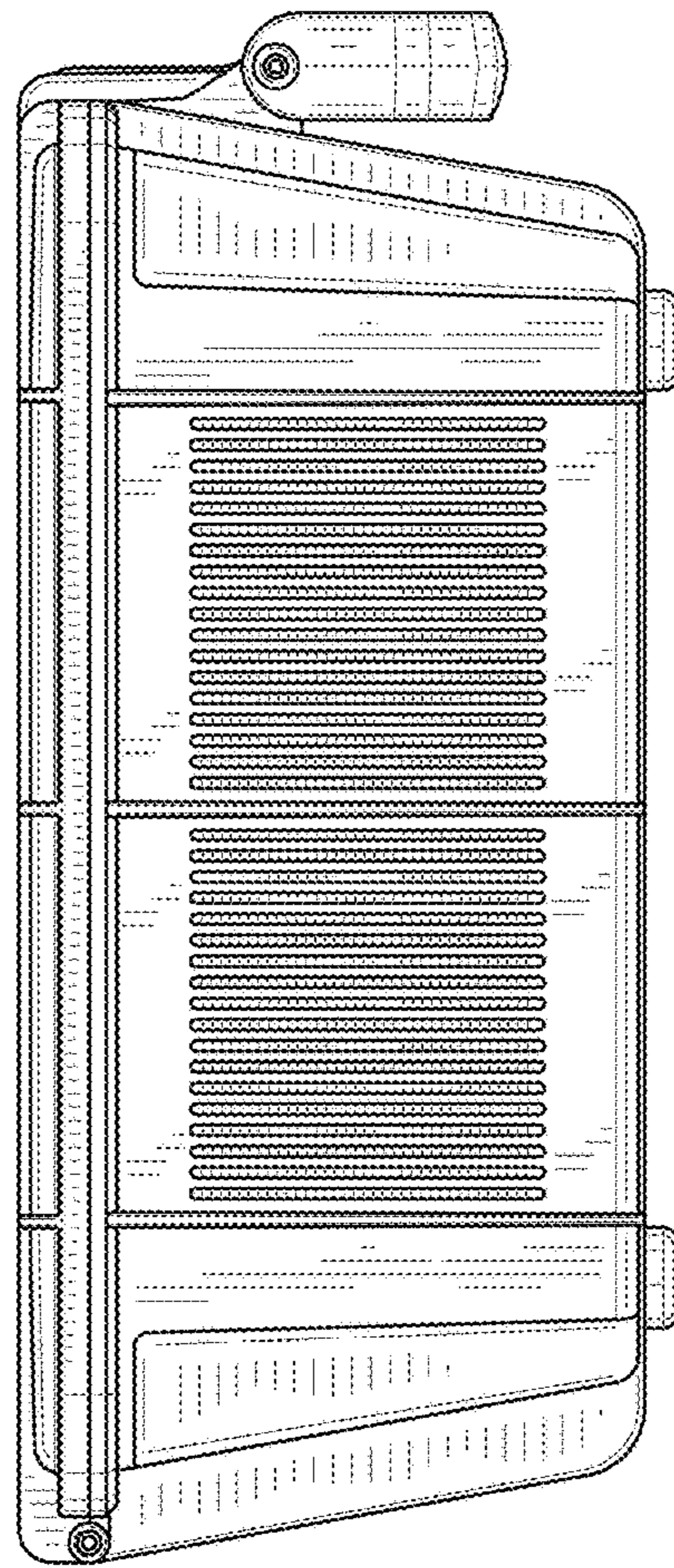


FIG. 4

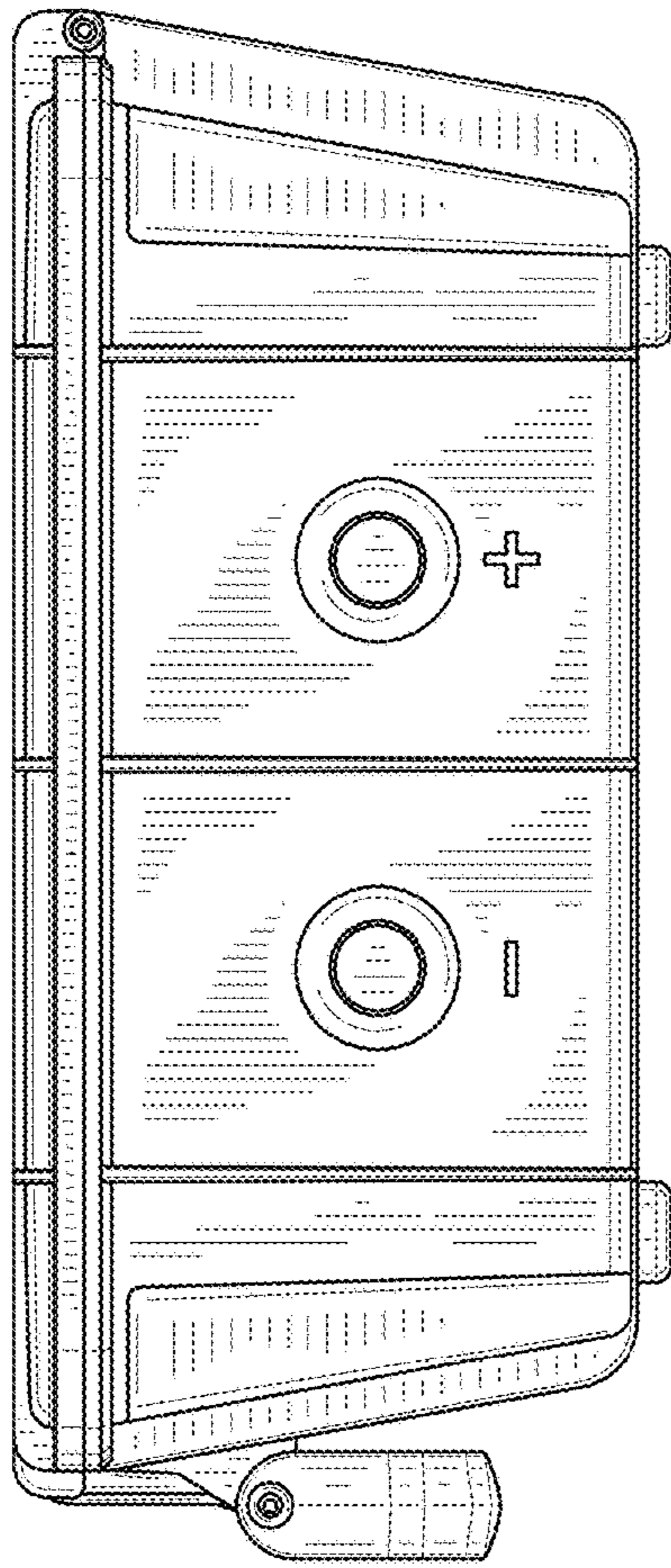


FIG. 5

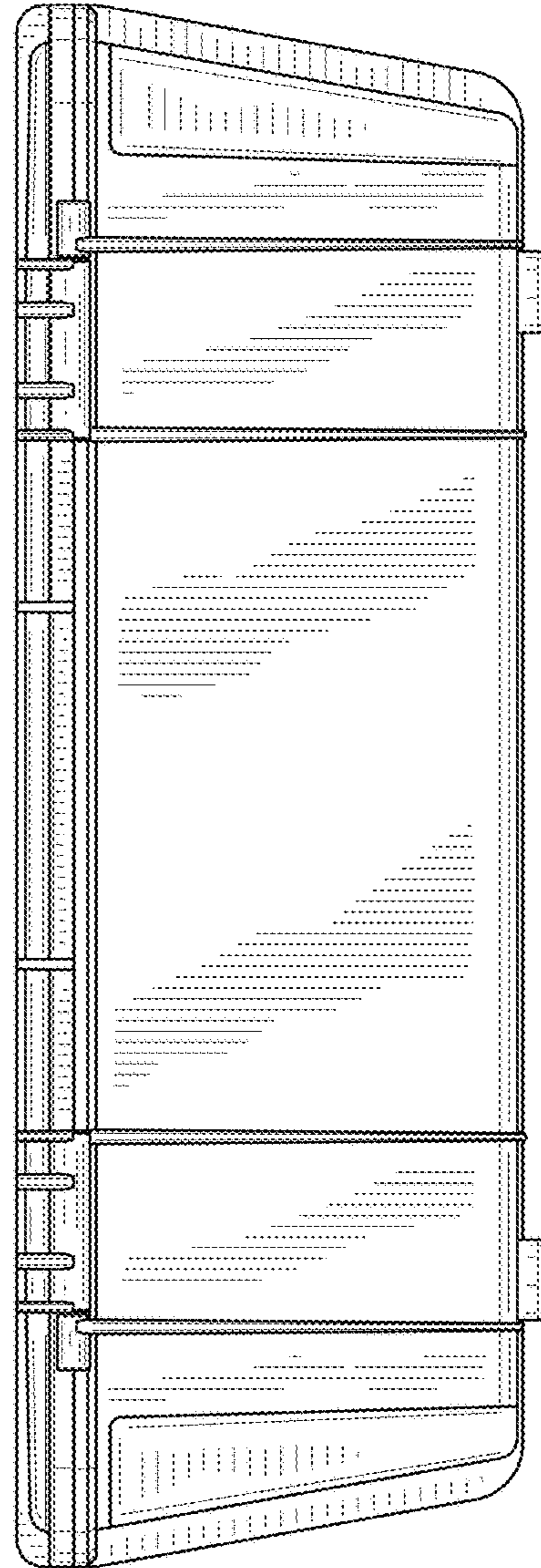


FIG. 6

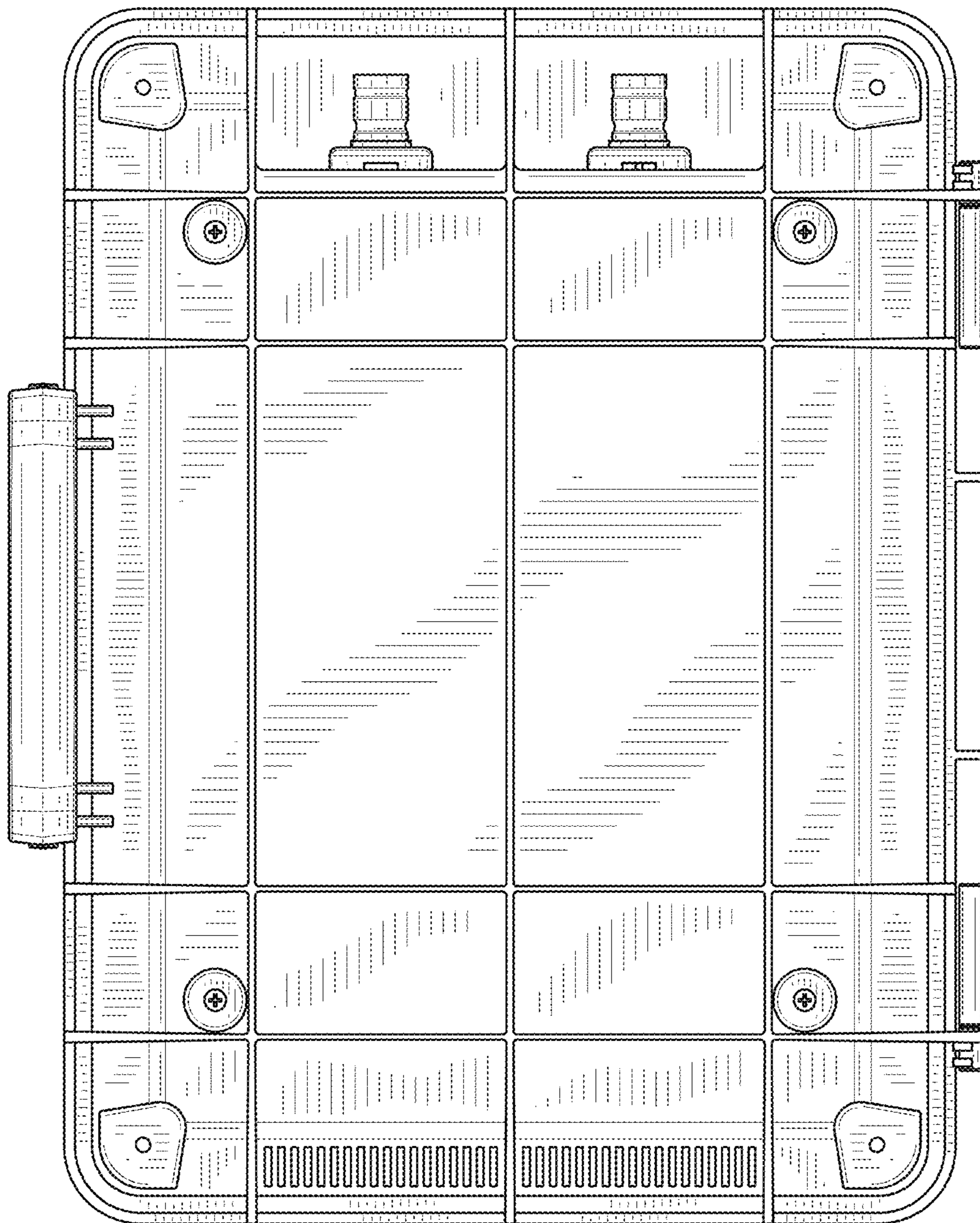


FIG. 7

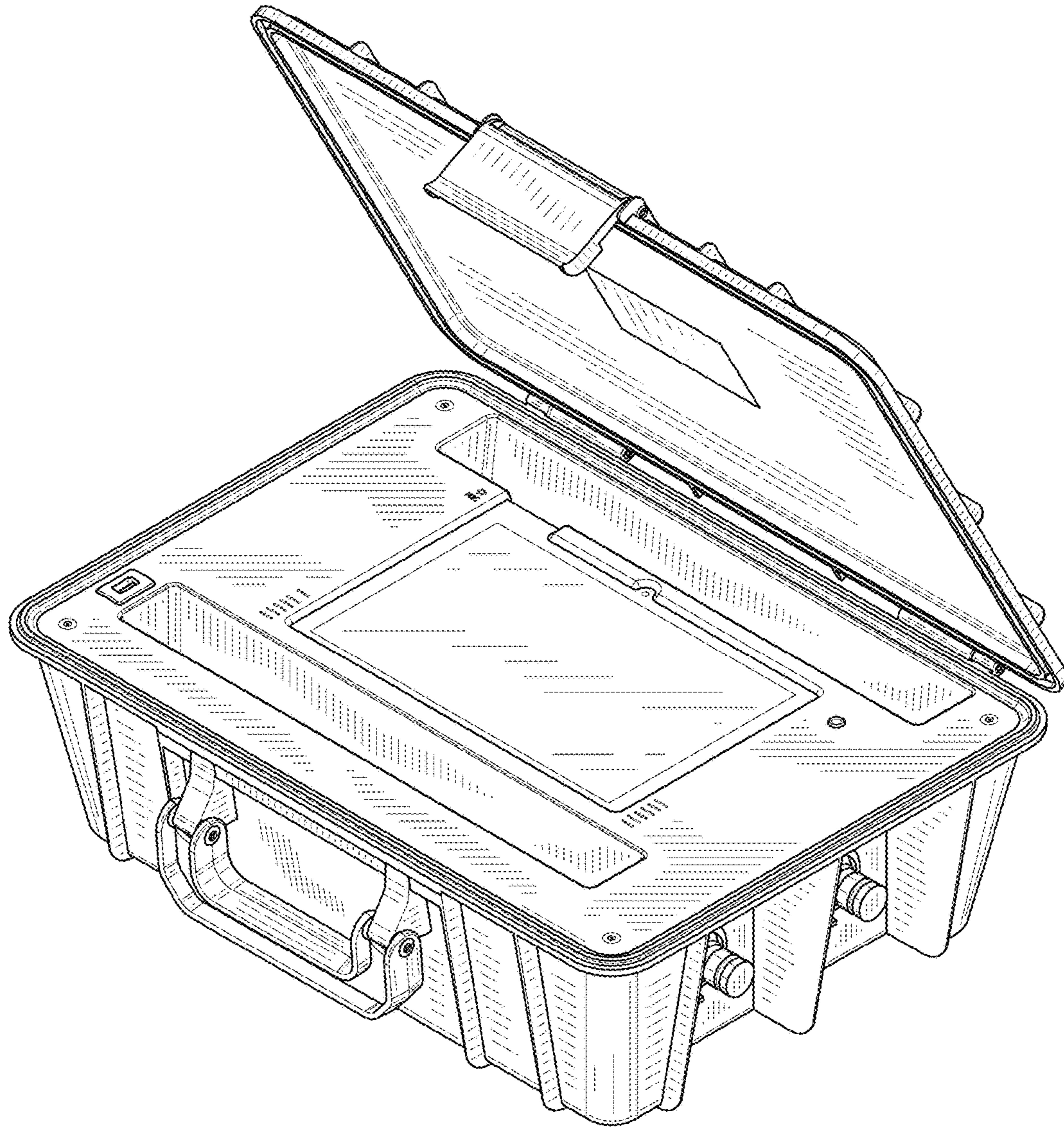


FIG. 8