

US00D962292S

(12) **United States Design Patent** (10) **Patent No.:** **US D962,292 S**  
**Deem** (45) **Date of Patent:** **\*\* Aug. 30, 2022**

(54) **ENCLOSED PUMP**

- (71) Applicant: **Masterflex, LLC**, Radnor, IL (US)
- (72) Inventor: **Jeffrey Deem**, Lake in the Hills, IL (US)
- (73) Assignee: **Masterflex, LLC**, Radnor, PA (US)
- (\*\*) Term: **15 Years**
- (21) Appl. No.: **29/757,036**
- (22) Filed: **Nov. 2, 2020**
- (51) **LOC (13) Cl.** ..... **15-02**
- (52) **U.S. Cl.**  
USPC ..... **D15/7**
- (58) **Field of Classification Search**  
USPC ..... D15/7, 9, 143, 148-149, 199; D23/225,  
D23/231-233, 235; D24/108, 110, 111  
CPC ..... F15B 15/16; F15B 15/26; F15B 15/1414;  
F15B 15/1919; F15B 15/14; F15B 15/00;  
F15B 15/08; F15B 15/18; F15B 15/20;  
F02M 37/04; F04D 29/4286  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

|                   |         |             |       |                            |
|-------------------|---------|-------------|-------|----------------------------|
| D730,408 S *      | 5/2015  | Brokenshire | ..... | D15/7                      |
| D732,158 S *      | 6/2015  | Salmon      | ..... | D24/110                    |
| D798,437 S *      | 9/2017  | Buckley     | ..... | D24/110                    |
| D871,455 S *      | 12/2019 | Crowsley    | ..... | D15/7                      |
| D894,369 S *      | 8/2020  | Salmon      | ..... | D24/110                    |
| D933,202 S *      | 10/2021 | Vail        | ..... | D24/111                    |
| D935,486 S *      | 11/2021 | Pierce      | ..... | D15/7                      |
| D936,706 S *      | 11/2021 | Swatosch    | ..... | D15/7                      |
| D940,575 S *      | 1/2022  | Deem        | ..... | D10/49                     |
| 2012/0027622 A1 * | 2/2012  | Ashburn     | ..... | A61M 5/14232<br>417/474    |
| 2015/0283350 A1 * | 10/2015 | Miller      | ..... | A61M 16/0816<br>128/205.25 |
| 2016/0017880 A1 * | 1/2016  | Maguire     | ..... | F04B 43/1284<br>417/410.3  |

**OTHER PUBLICATIONS**

Cole-Parmer, Masterflex B/T® MasterSense™ BioPharma Pump, (site visited Feb. 24, 2022), Coleparmer.com website, URL:<https://www.coleparmer.com/i/masterflex-b-t-mastersense-biopharma-pump-ethernet-ip-and-profibus-network-compatible-11-to-321-rpm-90-to-260-vac/7711210> (Year: 2022).\*

Bio Pharma Dynamics, Scilog Single-Use Pumps, (site visited Feb. 24, 2022), Biopharmadynamics.co.uk website, URL:<https://www.biopharmadynamics.co.uk/products/mixers-pumps/scilog-singleuse-pumps/> (Year: 2022).\*

Quattro Flow Fluid Systems, Single-Use Pumps, (site visited Feb. 24, 2022), PSG a Dover Company website, URL:<https://www.psgdover.com/quattroflow/products/single-use-pumps> (Year: 2022).\*

\* cited by examiner

*Primary Examiner* — Calvin E Vansant  
*Assistant Examiner* — Mark T. Philipps  
 (74) *Attorney, Agent, or Firm* — Faegre Drinker Biddle & Reath LLP

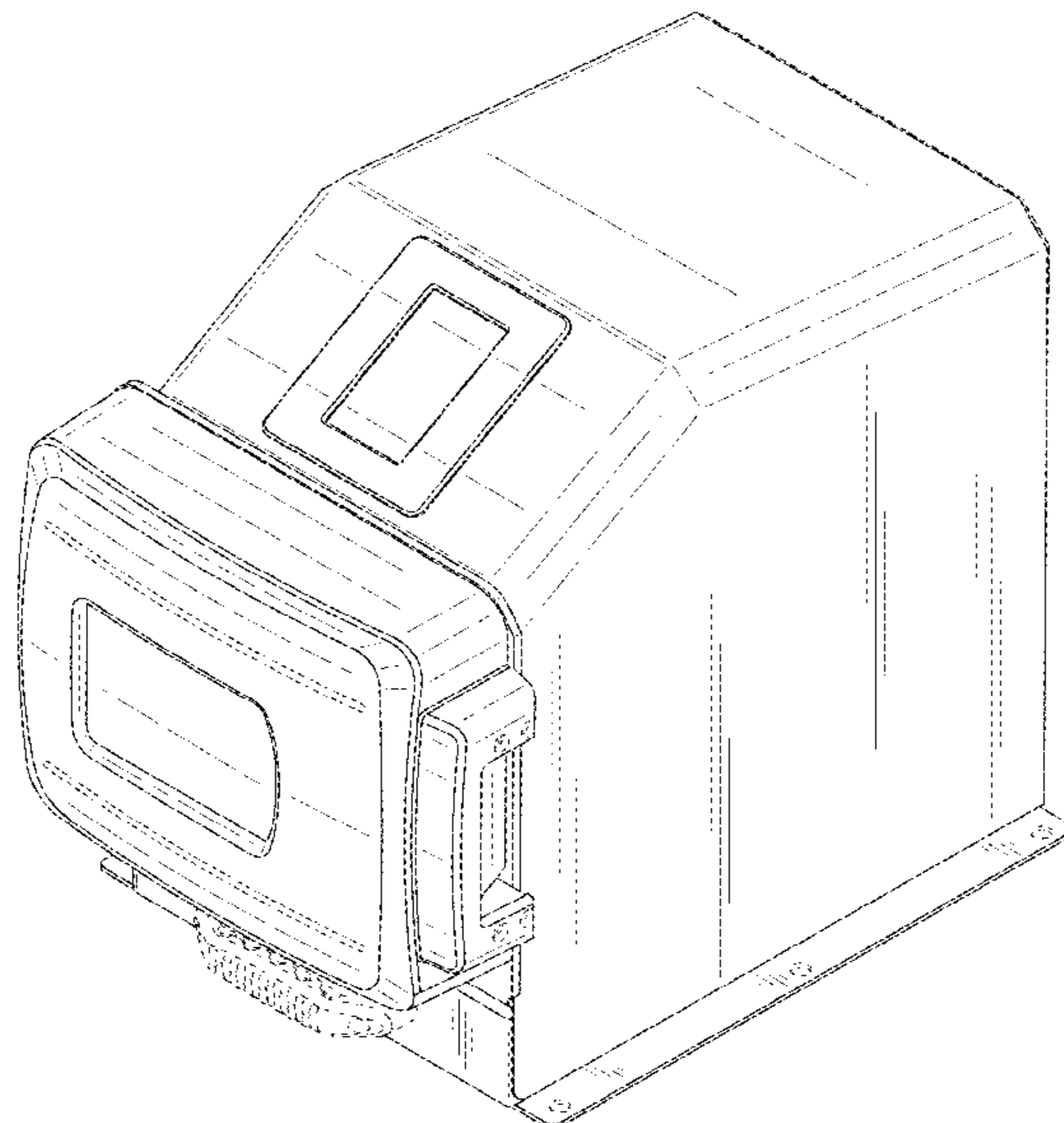
(57) **CLAIM**

The ornamental design for an enclosed pump, as shown and described.

**DESCRIPTION**

FIG. 1 is a front right perspective view of an enclosed pump showing my new design;  
 FIG. 2 is a front view of the design shown in FIG. 1;  
 FIG. 3 is a rear view of the design shown in FIG. 1;  
 FIG. 4 is a left side view of the design shown in FIG. 1;  
 FIG. 5 is a right side view of the design shown in FIG. 1;  
 FIG. 6 is a top view of the design shown in FIG. 1; and,  
 FIG. 7 is a bottom view of the design shown in FIG. 1.  
 The broken lines shown in the figures are included for the purpose of illustrating portions of the enclosed pump and form no part of the claimed design.

**1 Claim, 7 Drawing Sheets**



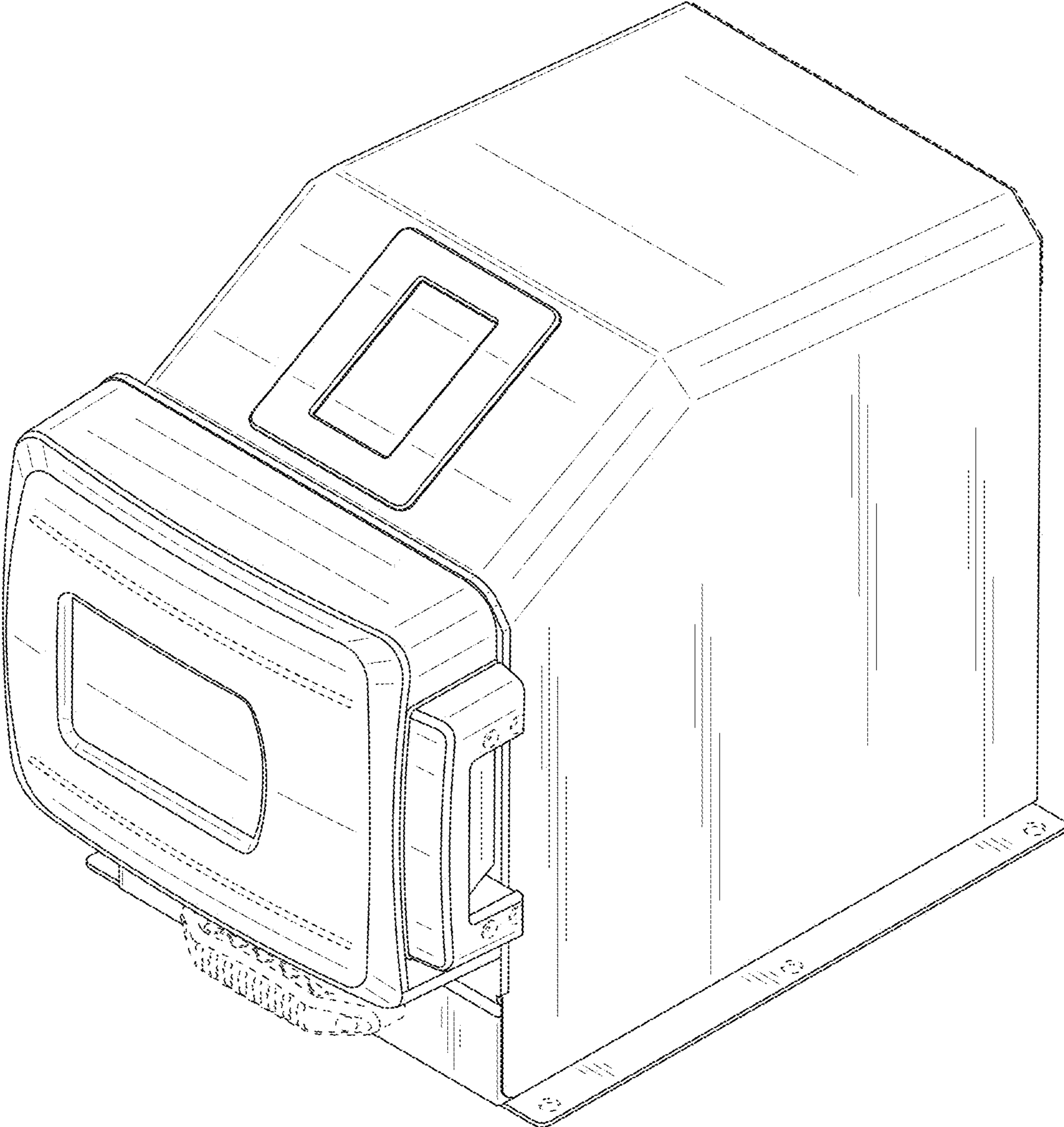


FIG. 1

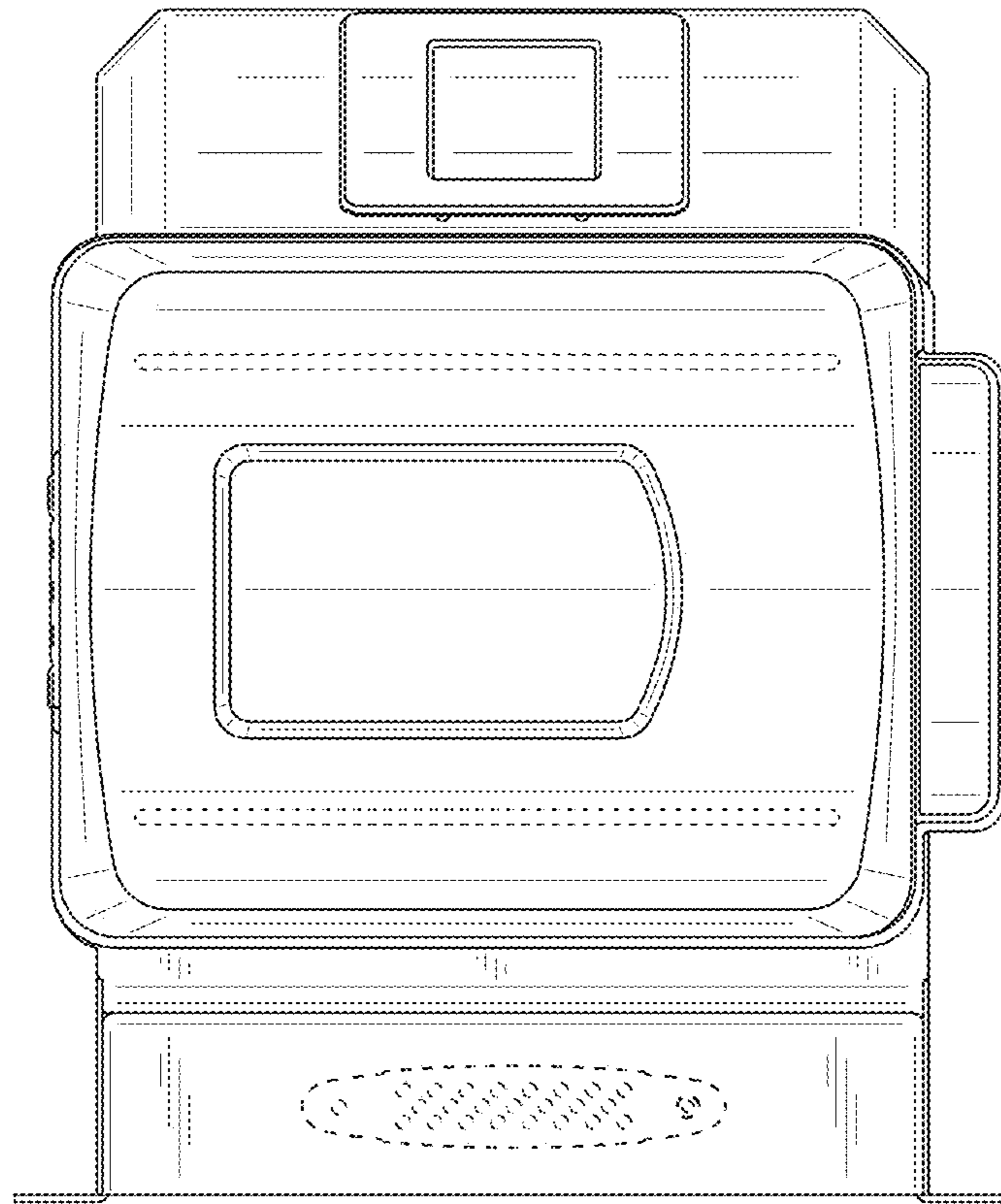


FIG. 2

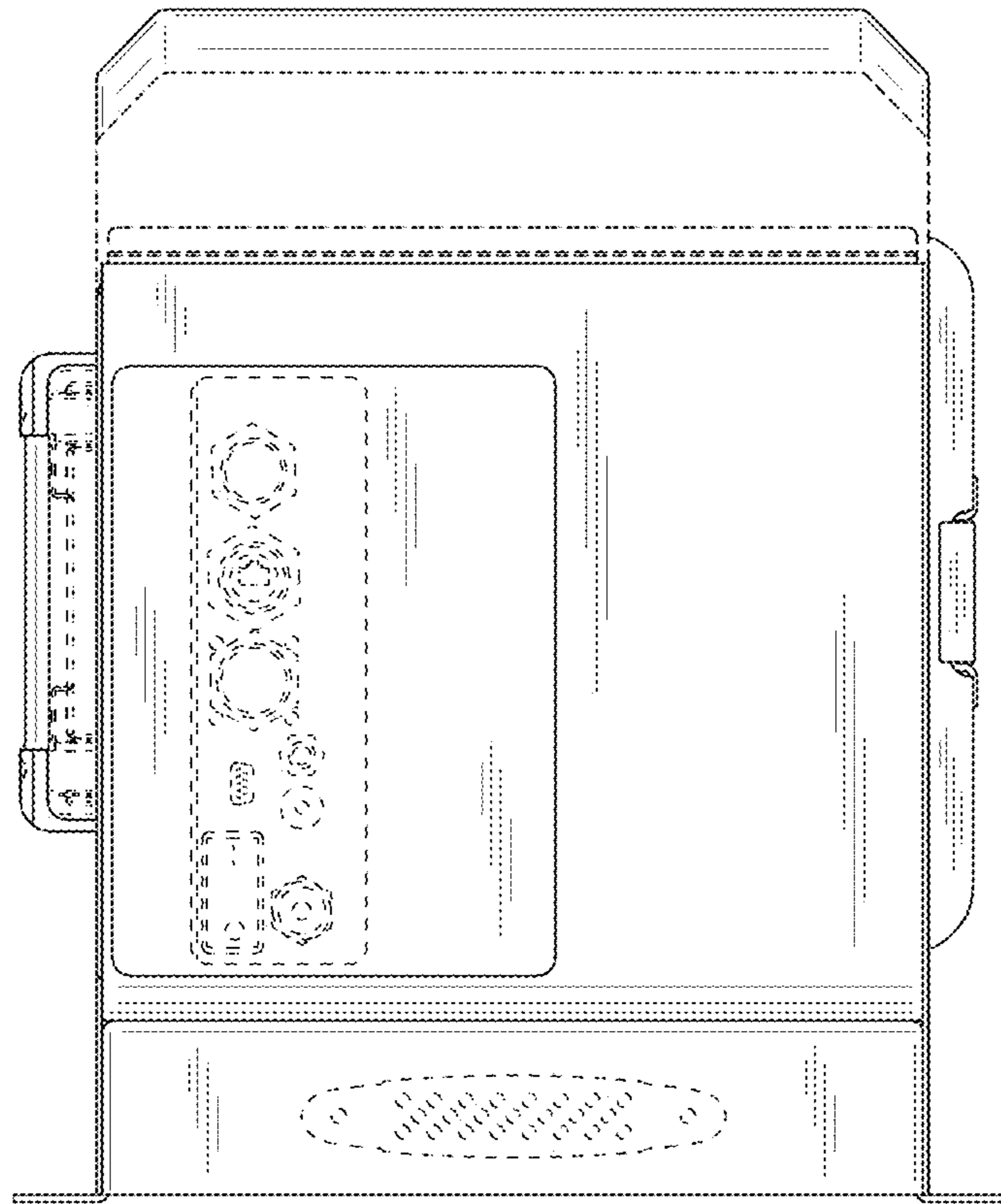


FIG. 3

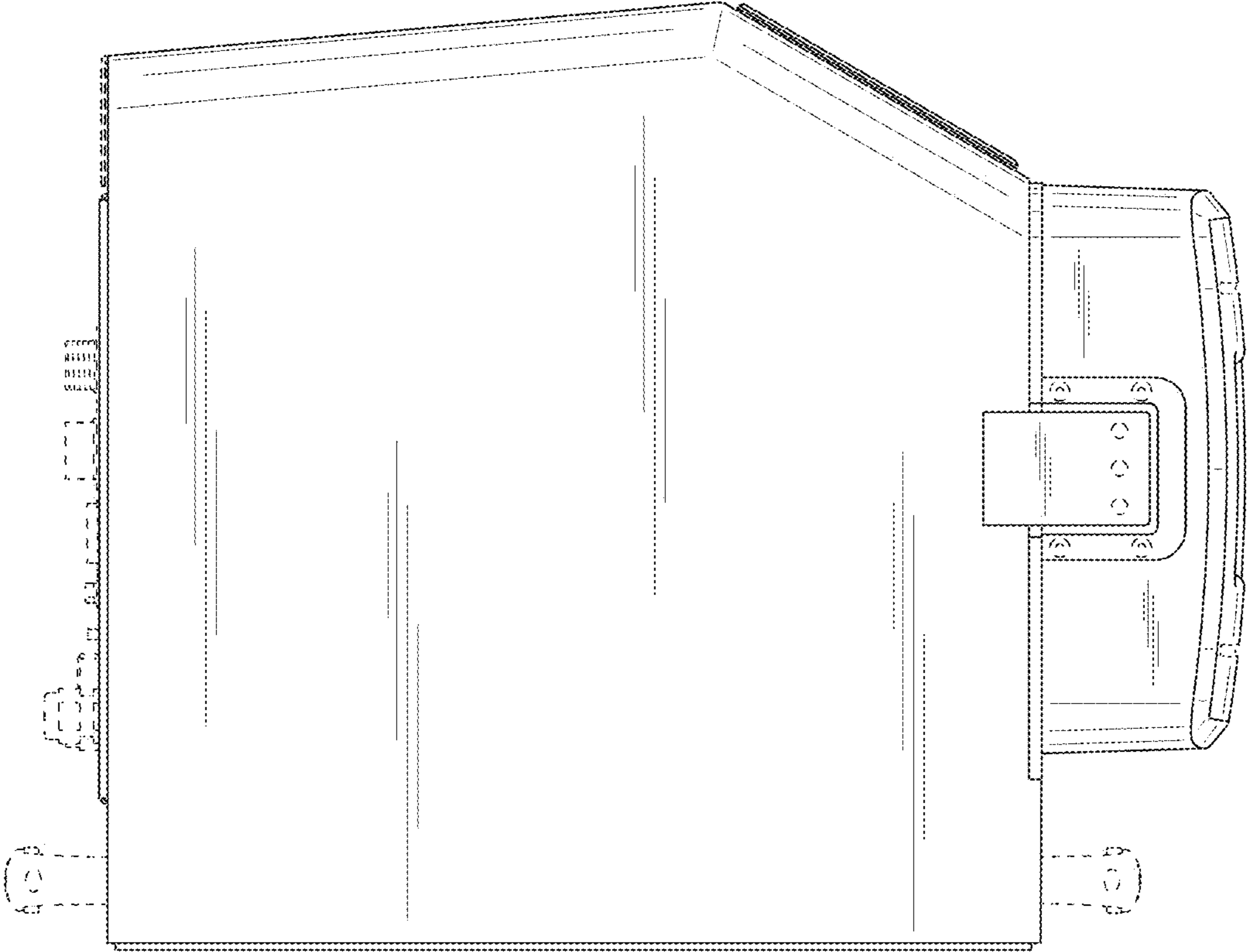


FIG. 4

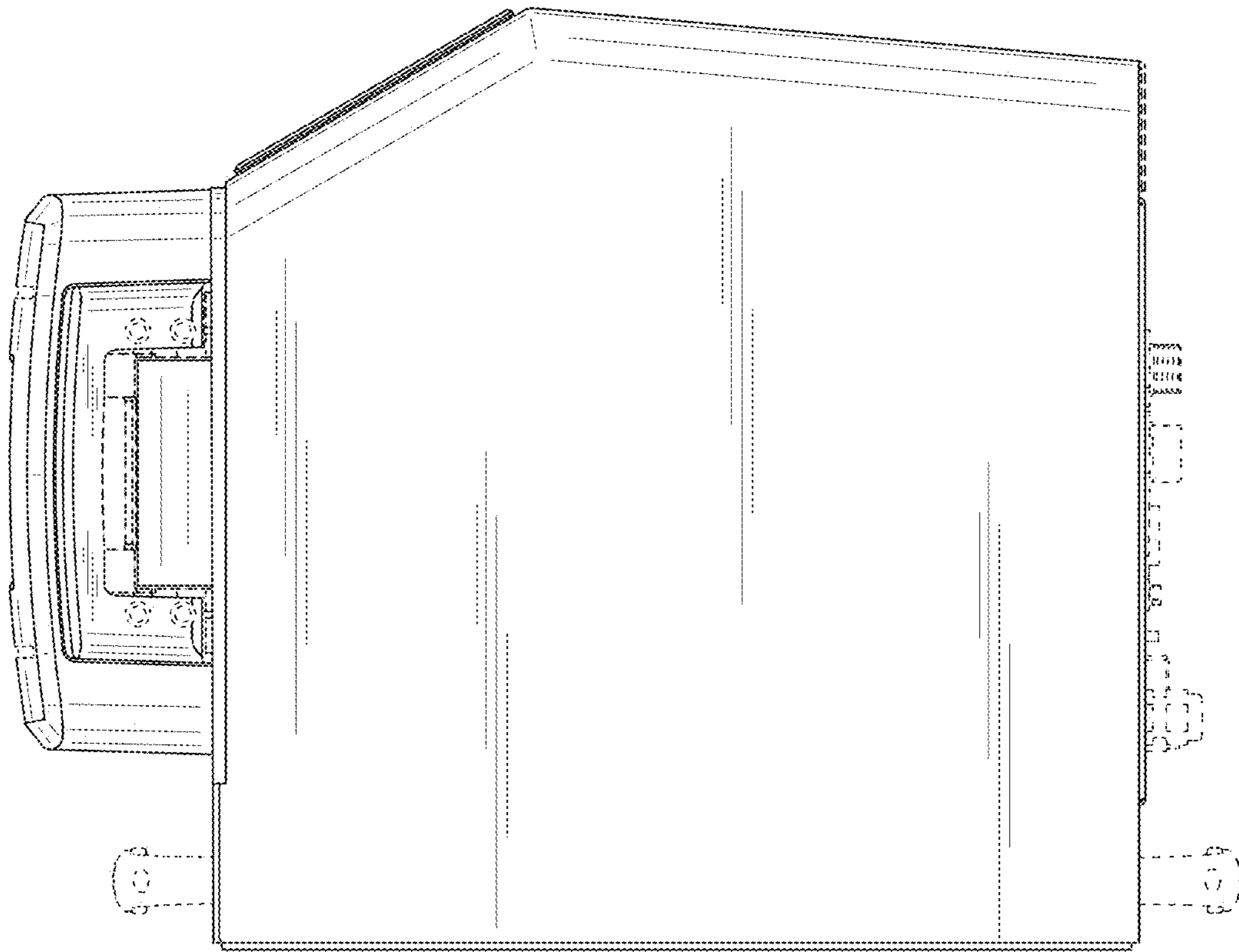


FIG. 5

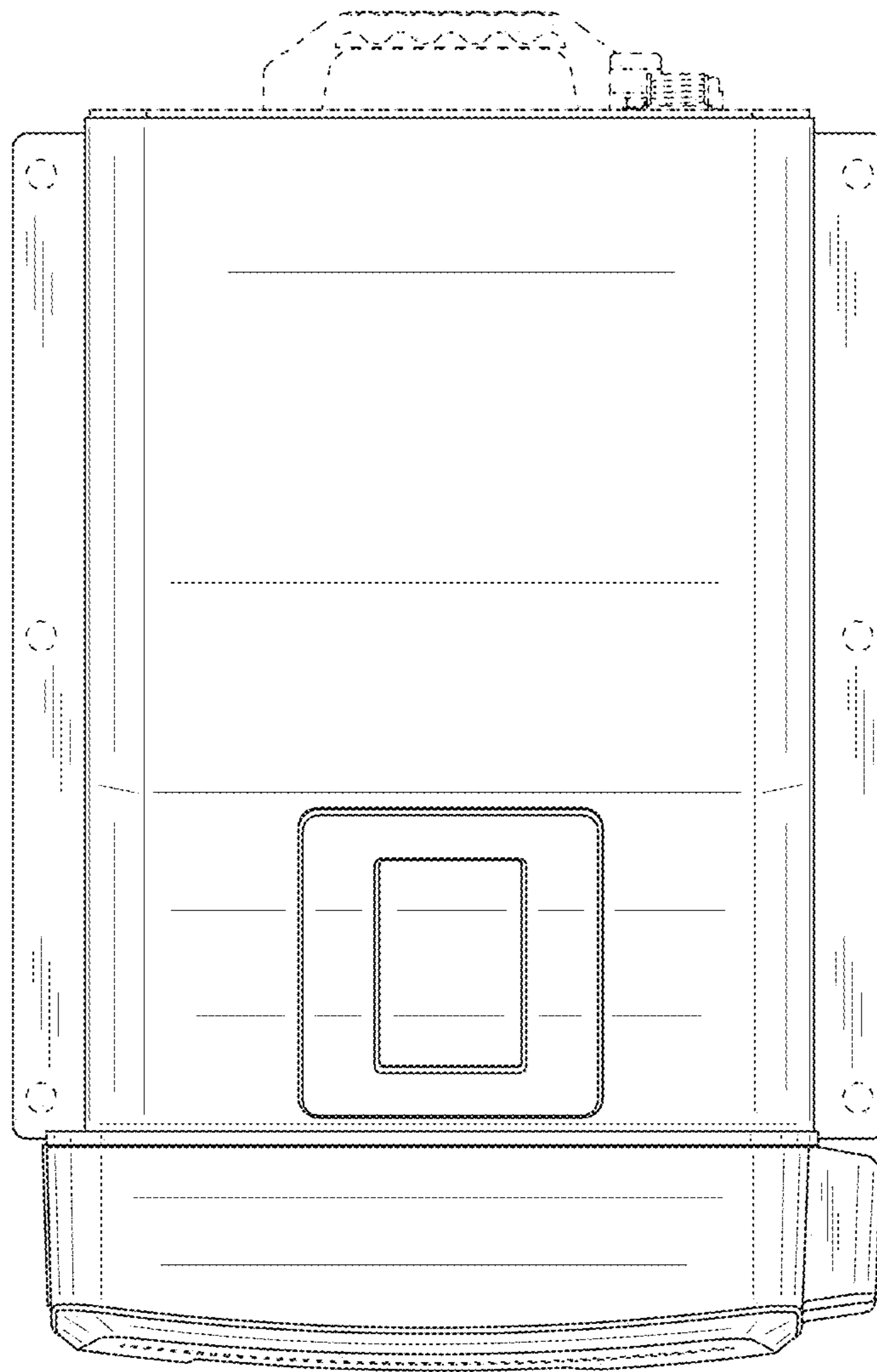


FIG. 6

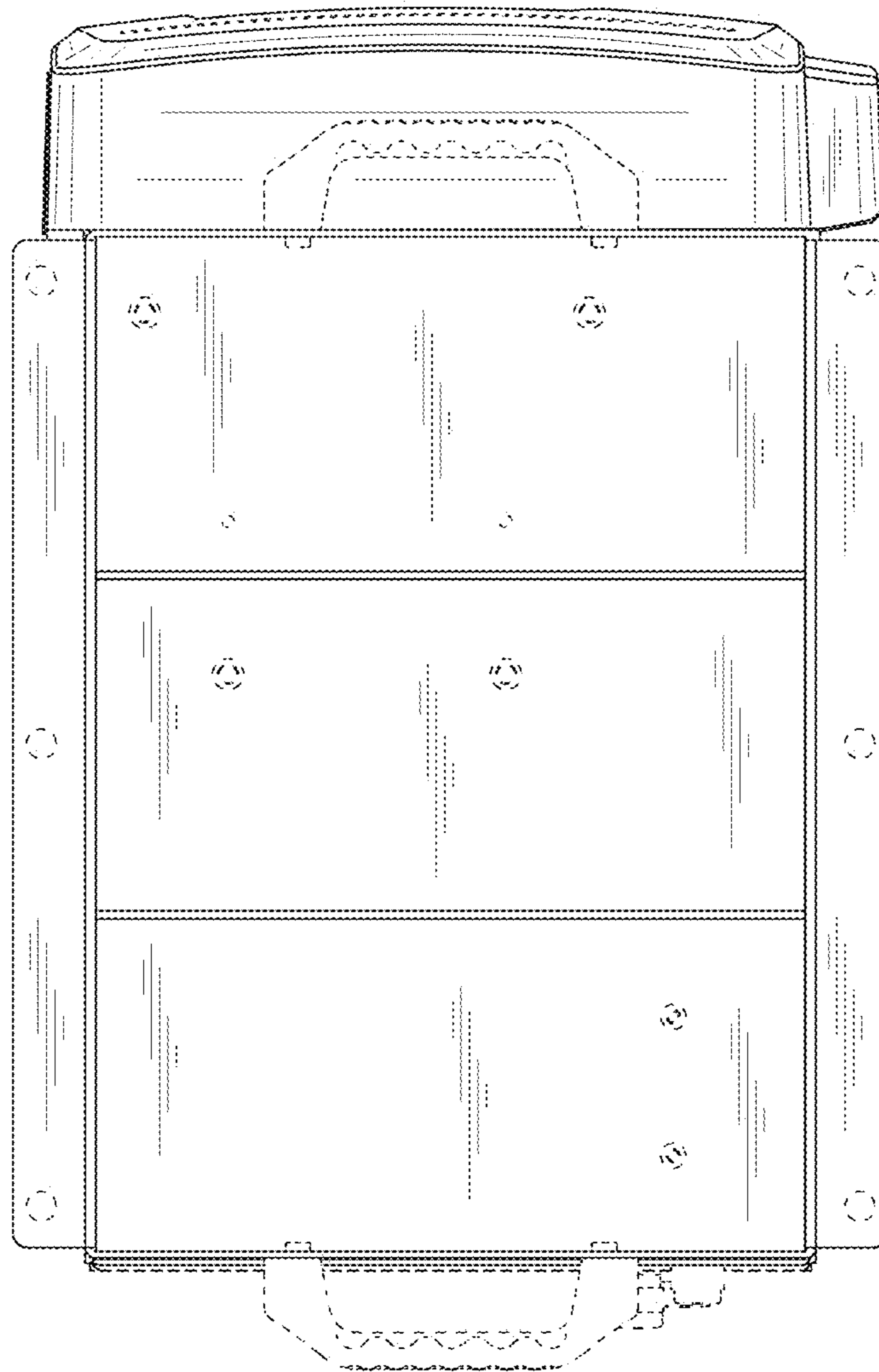


FIG. 7