US00D940649S

(12) **United States Design Patent**
Porras Nonalaya et al.

(10) **Patent No.: US D940,649 S**
(45) **Date of Patent: ** Jan. 11, 2022**

(54) **ENERGY STORAGE UNIT**

(71) Applicant: **DURACELL U.S. OPERATIONS, INC.**, Wilmington, DE (US)

(72) Inventors: **Paul Enrique Porras Nonalaya**, Meriden, CT (US); **David Emmons**, Isle, MN (US); **Andres J. Molina Scull**, Pompano Beach, FL (US)

(73) Assignee: **DURACELL U.S. OPERATIONS, INC.**, Wilmington, DE (US)

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

(21) Appl. No.: **29/735,940**

(22) Filed: **May 26, 2020**

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

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

(58) **Field of Classification Search**
USPC D13/101, 102, 103, 107, 108, 110, 184, D13/199; D15/81, 85, 86
CPC H01L 31/00; H01L 31/042; H01L 31/045; H01L 31/048; H01L 31/052; H01L 31/465; H02S 30/10; H02S 30/20; Y02E 10/42; Y02E 10/50; Y02E 10/52; Y10S 136/291; Y10S 136/293; H02J 7/008; H02J 7/355
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D304,172 S * 10/1989 Sogabe D13/103
D352,269 S * 11/1994 Alexandres D13/103
D432,079 S * 10/2000 Matthes D13/103
D595,221 S * 6/2009 Schussler D13/103
D613,682 S * 4/2010 Droste D13/102
D647,943 S * 11/2011 Jannard D16/237
D669,847 S * 10/2012 Jadraque Aznarez D13/102
D711,310 S * 8/2014 Sanders D13/102
D733,050 S * 6/2015 Chiang D13/108
D764,405 S * 8/2016 Herr D13/103
D826,145 S * 8/2018 Kim D13/103
D826,146 S * 8/2018 Kim D13/103
D878,288 S * 3/2020 Choi D13/103

OTHER PUBLICATIONS

Wall-mounted batteries. (Design—© Questel) orbit.com. [Online PDF compilation of references] 39 pgs. Print Dates Range Apr. 13, 2021-Jun. 16, 2015 [Retrieved Aug. 3, 2021].*
Klender, Joey. "Tesla Releases Specs for its New Powerwall + Energy Storage System." May 3, 2021. Teslarati. https://www.teslarati.com/tesla-powerwall-plus-specifications/.*
(Continued)

Primary Examiner — Manpreet S Matharu
Assistant Examiner — Suzanne E Tisdell
(74) *Attorney, Agent, or Firm* — Marshall, Gerstein & Borun LLP

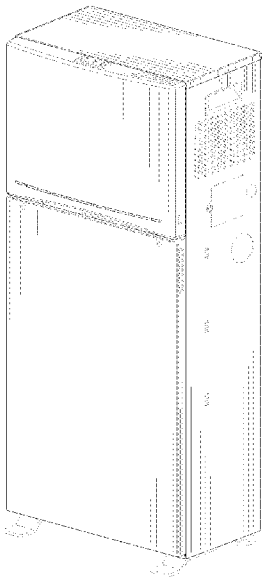
(57) **CLAIM**

The ornamental design for a energy storage unit, as shown and described.

DESCRIPTION

FIG. **1** is a front, left-side perspective view showing our new ornamental design.
FIG. **2** is a front view thereof;
FIG. **3** is a left-side view thereof;
FIG. **4** is a right-side view thereof;
FIG. **5** is a back view thereof;
FIG. **6** is a top view thereof; and,
FIG. **7** is a bottom view thereof.
The broken lines in the drawings illustrate boundaries and/or environmental structures of the energy storage unit that form no part of the claimed design.

1 Claim, 5 Drawing Sheets



(56) **References Cited**

OTHER PUBLICATIONS

Muoio, Danielle. "How Tesla's Rechargeable Battery That Can Power Your Home Works." Feb. 3, 2016. Insider, https://www.businessinsider.com/how-teslas-powerwall-works-2016-2.*

Lambert, Fred. "Tesla Has 'About 11,000' Energy Storage Projects Underway in Puerto Rico, Says Elon Musk." Jun. 3, 2018. Electrek. https://electrek.co/2018/06/03/tesla-energy-storage-projects-puerto-rico-elon-musk/.*

* cited by examiner

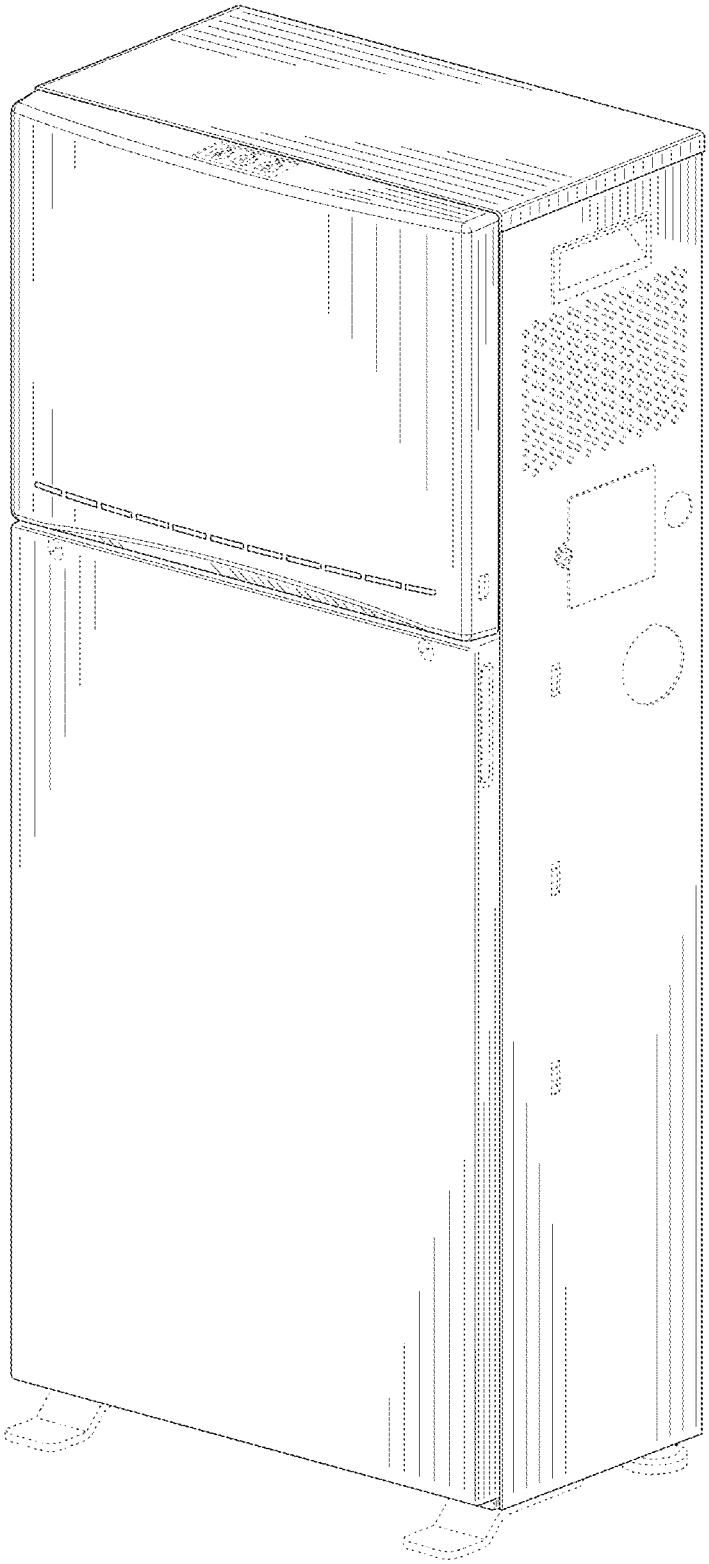


FIG. 1

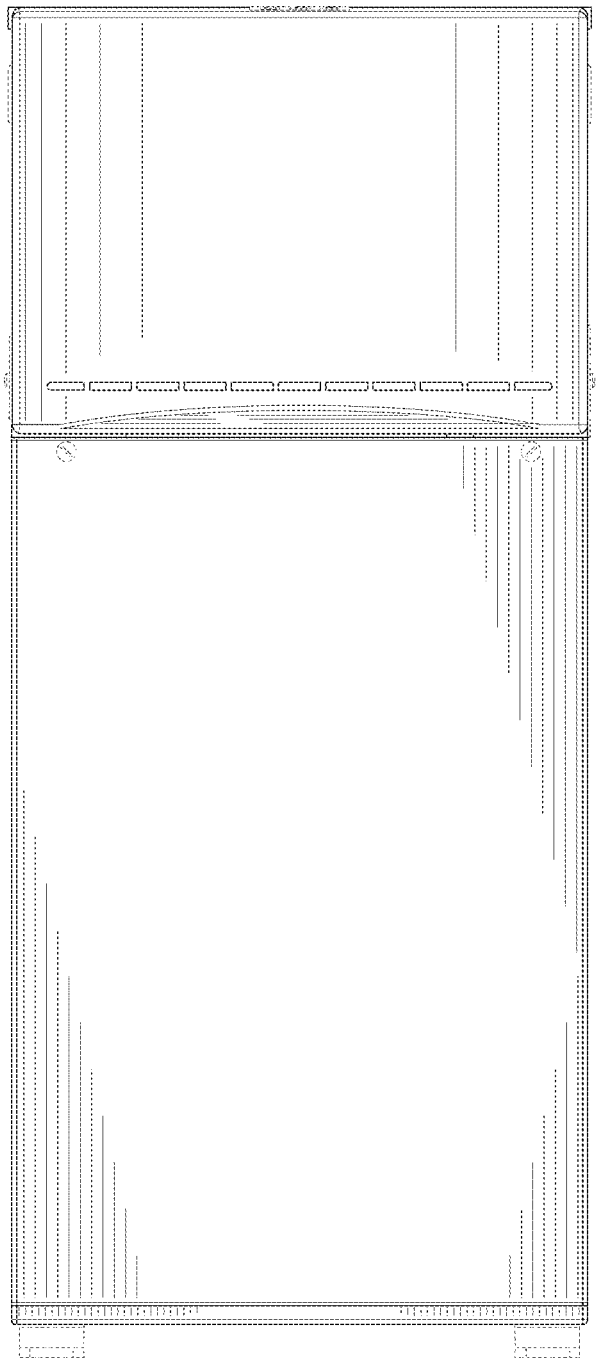


FIG. 2

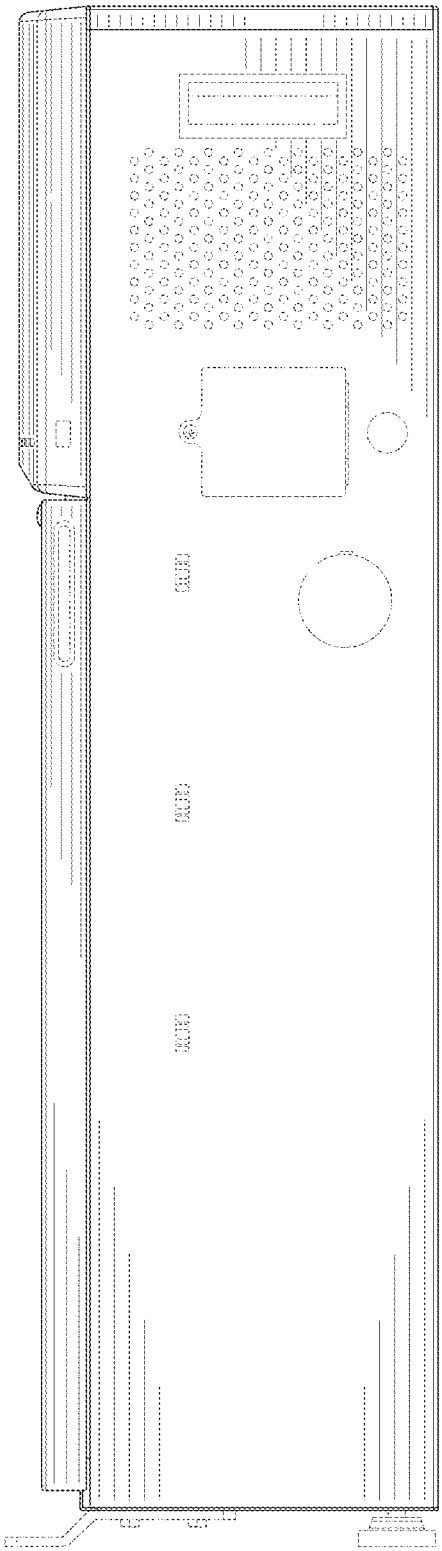


FIG. 3

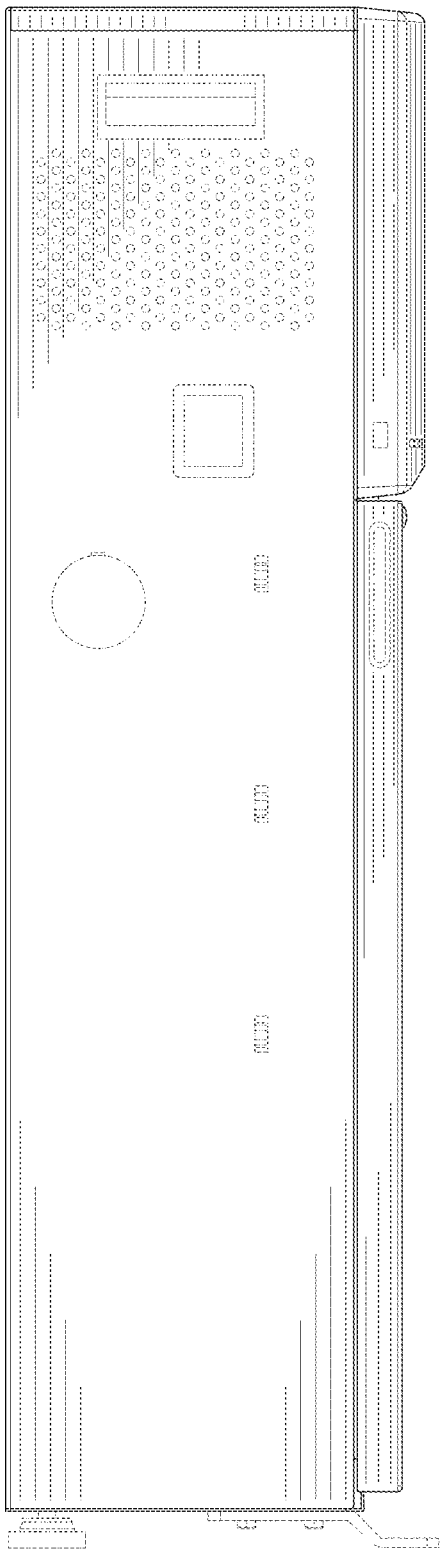


FIG. 4

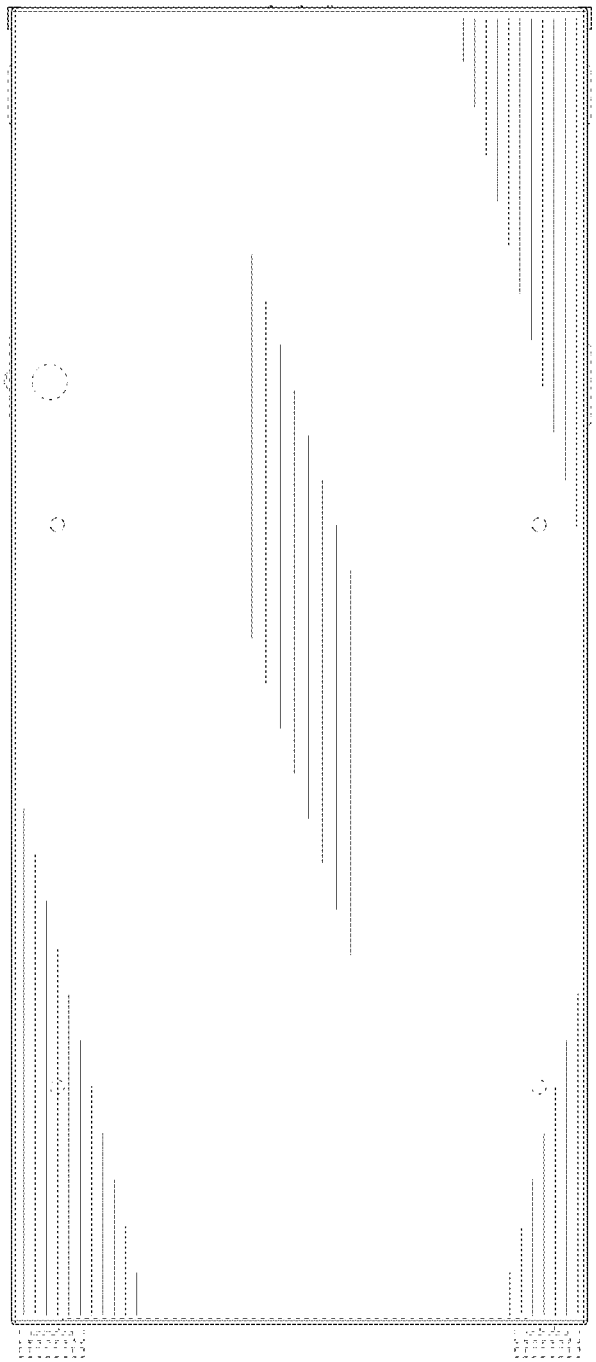


FIG. 5

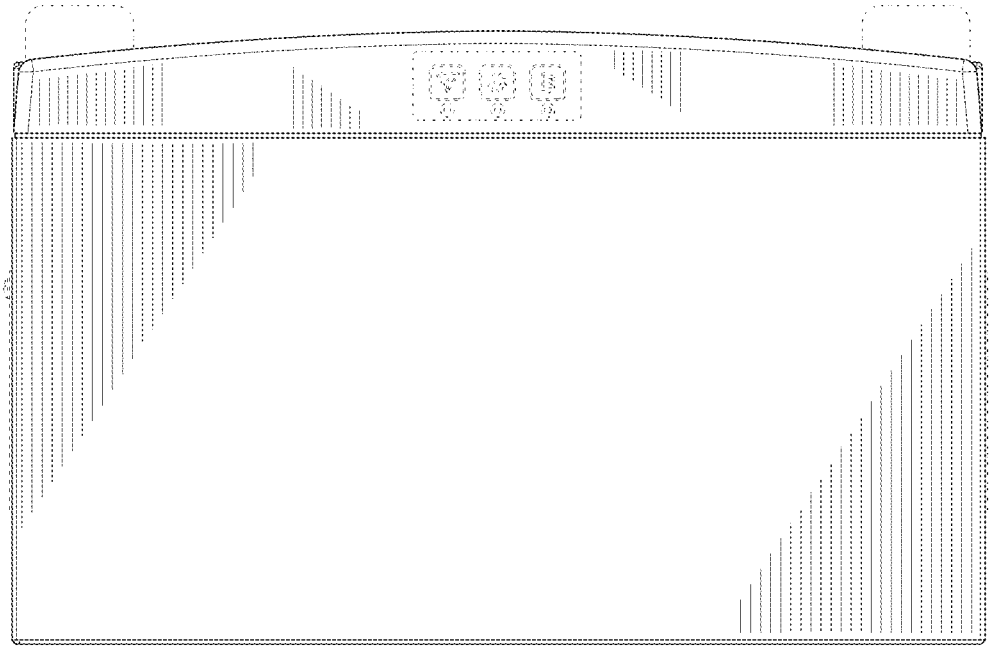


FIG. 6

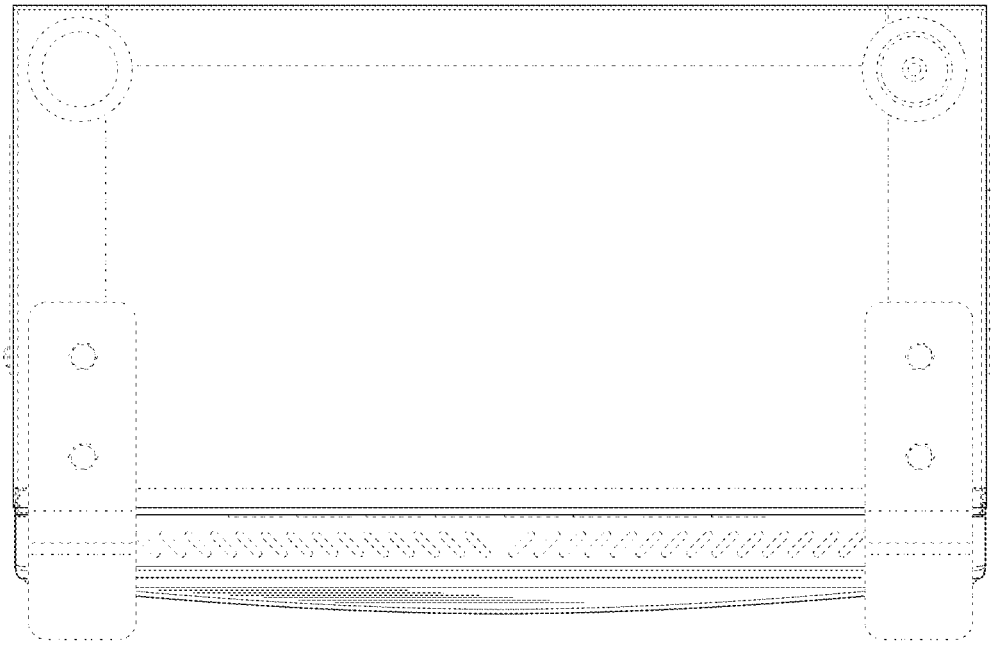


FIG. 7