



US0D1057331S

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

(10) **Patent No.:** **US D1,057,331 S**

(45) **Date of Patent:** **** Jan. 7, 2025**

(54) **VACUUM DEVICE**

OTHER PUBLICATIONS

(71) Applicant: **TECHTRONIC CORDLESS GP,**
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Bucket Vacuum, posted Sep. 10, 2018 [online], [retrieved Feb. 7, 2024]. Retrieved from internet, <https://www.amazon.com/CRAFTSMAN-17678-Powerhead-Bucket-Vacuum/dp/B07H84CHK2> (Year: 2018).*

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(57) **CLAIM**

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

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

(21) Appl. No.: **29/845,653**

DESCRIPTION

(22) Filed: **Jul. 8, 2022**

(51) **LOC (15) Cl.** **15-05**

(52) **U.S. Cl.**
USPC **D32/31**

(58) **Field of Classification Search**
USPC D9/780, 435, 439, 443, 445, 452, 454;
D32/15, 16, 18, 21, 22, 25, 29, 30, 32, 39
(Continued)

FIG. 1 is a perspective view of a vacuum device embodying the present invention and positioned relative to a worksite bucket of the environment.

FIG. 2 is a perspective view of the vacuum device of FIG. 1 with the worksite bucket of the environment removed.

FIG. 3 is a second perspective view of the vacuum device of FIG. 1.

FIG. 4 is a rear view of the vacuum device of FIG. 1.

FIG. 5 is a front view of the vacuum device of FIG. 1.

FIG. 6 is a first side view of the vacuum device of FIG. 1.

FIG. 7 is a second side view of the vacuum device of FIG. 1.

FIG. 8 is a top view of the vacuum device of FIG. 1; and, FIG. 9 is a bottom view of the vacuum device of FIG. 1.

The present application is directed to the shape and contour of the design illustrated in the drawings. The elements shown in broken lines form no part of the claimed design and are included for the purpose of showing the environment of the claimed design.

(56) **References Cited**

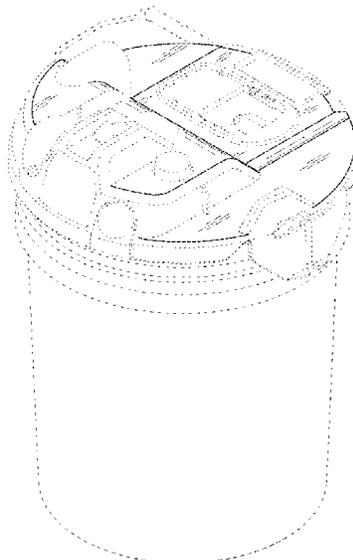
U.S. PATENT DOCUMENTS

D92,635 S * 6/1934 Wennerstrom D32/25
D211,106 S * 5/1968 Anderson D32/25
(Continued)

FOREIGN PATENT DOCUMENTS

CH 289662 A 3/1953
DE 7007985 U 8/1970
GB 1256728 A 12/1971

1 Claim, 7 Drawing Sheets



(58) **Field of Classification Search**

CPC B65D 2543/00; B65D 2543/00018; B65D
2543/00037; B65D 2251/00; B65D
2251/02; B65D 2251/023; B65D 2251/10;
B65D 2251/1058

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D211,812 S * 7/1968 Brubaker et al. D32/25
D229,502 S * 12/1973 Thielen D32/25
3,853,517 A 12/1974 Mitchell
3,858,272 A 1/1975 Bard et al.
D260,151 S * 8/1981 Martinec D32/31
D295,444 S * 4/1988 Sundqvist D15/5
D299,049 S * 12/1988 Reid D23/313
5,234,122 A * 8/1993 Cherng B60K 15/0406
292/201
D394,530 S * 5/1998 Roeker D32/25
D414,861 S * 10/1999 Metzger D24/110
D465,568 S * 11/2002 Petherbridge D24/110.1
6,898,821 B1 5/2005 Bisbee et al.
D609,774 S * 2/2010 Ryman D23/206
D616,163 S * 5/2010 Nam D32/25
D682,688 S * 5/2013 Murray D32/32
D693,856 S * 11/2013 Thompson D15/28
D709,257 S * 7/2014 Kent D32/32

D717,420 S * 11/2014 Von Seggern D23/365
9,198,552 B2 12/2015 Wolfe et al.
D833,226 S * 11/2018 Cartwright D7/523
D883,596 S * 5/2020 Li D32/25
10,722,832 B1 7/2020 Spencer et al.
D913,612 S * 3/2021 Knowlton D32/25
D924,952 S * 7/2021 Boulay D10/101
D933,321 S 10/2021 Fitzsimmons et al.
D934,987 S * 11/2021 Boulay D23/206
D936,177 S * 11/2021 Boulay D23/206
D955,810 S * 6/2022 Ni D7/392.1
2005/0257340 A1 11/2005 Parrott
2010/0147845 A1* 6/2010 Wallace E03B 3/02
220/86.1
2012/0311811 A1 12/2012 Hollis et al.
2016/0242611 A1 8/2016 Moore
2018/0078104 A1 3/2018 Register et al.
2019/0343348 A1 11/2019 Harper
2021/0178299 A1* 6/2021 Sullivan B01D 29/01
2021/0228036 A1 7/2021 Fitzsimmons et al.
2021/0321846 A1 10/2021 Wilson

OTHER PUBLICATIONS

Bucket Lid, posted Mar. 31, 2021 [online], [retrieved Feb. 7, 2024].
Retrieved from internet, <https://www.amazon.com/Chunful-Pieces-Gallon-Plastic-Compatible/dp/B091DXQC13> (Year: 2021).*

* cited by examiner

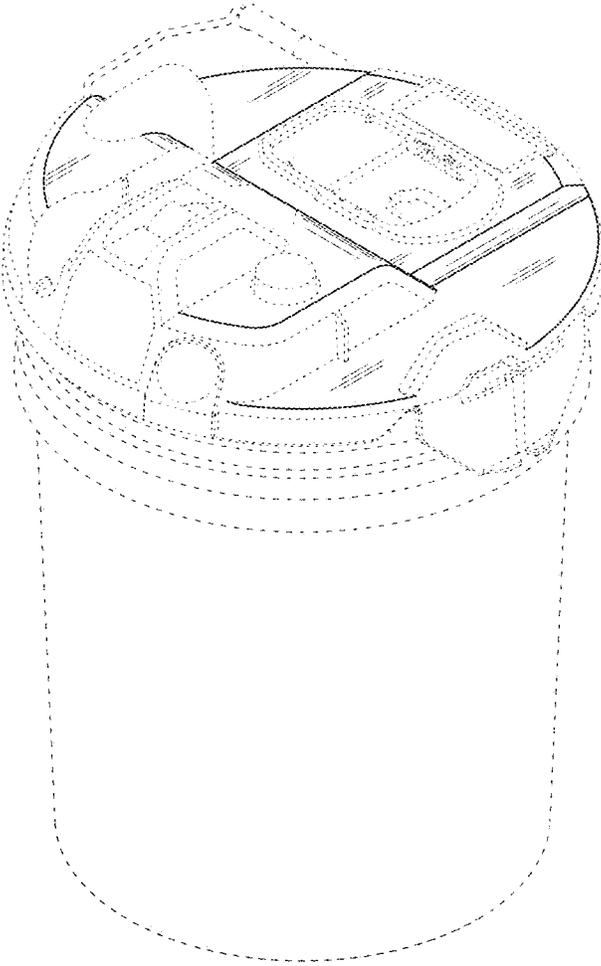


FIG. 1

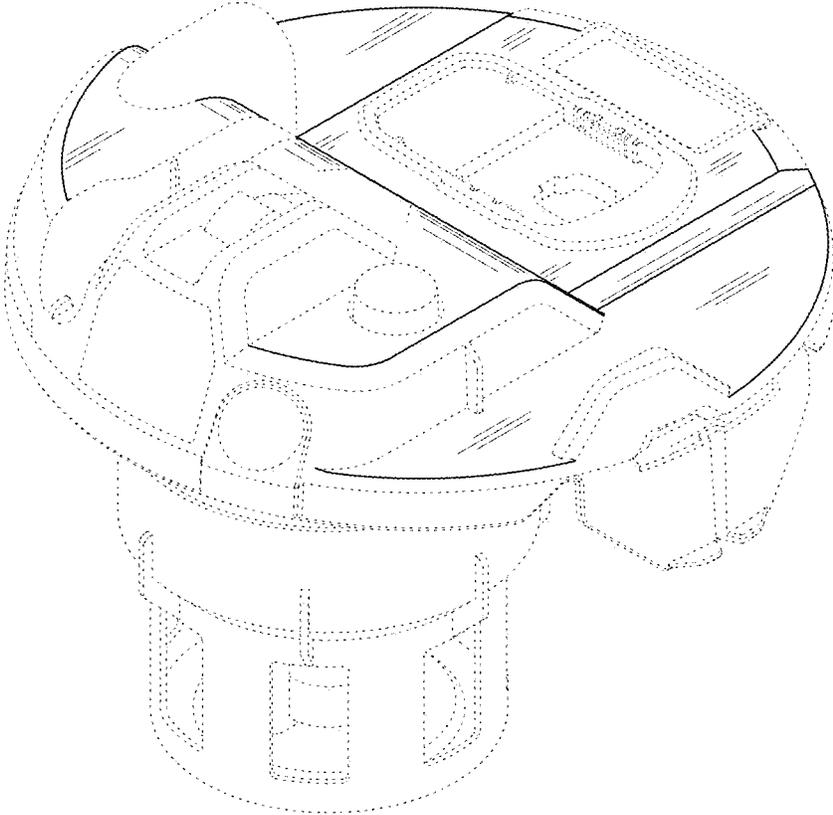


FIG. 2

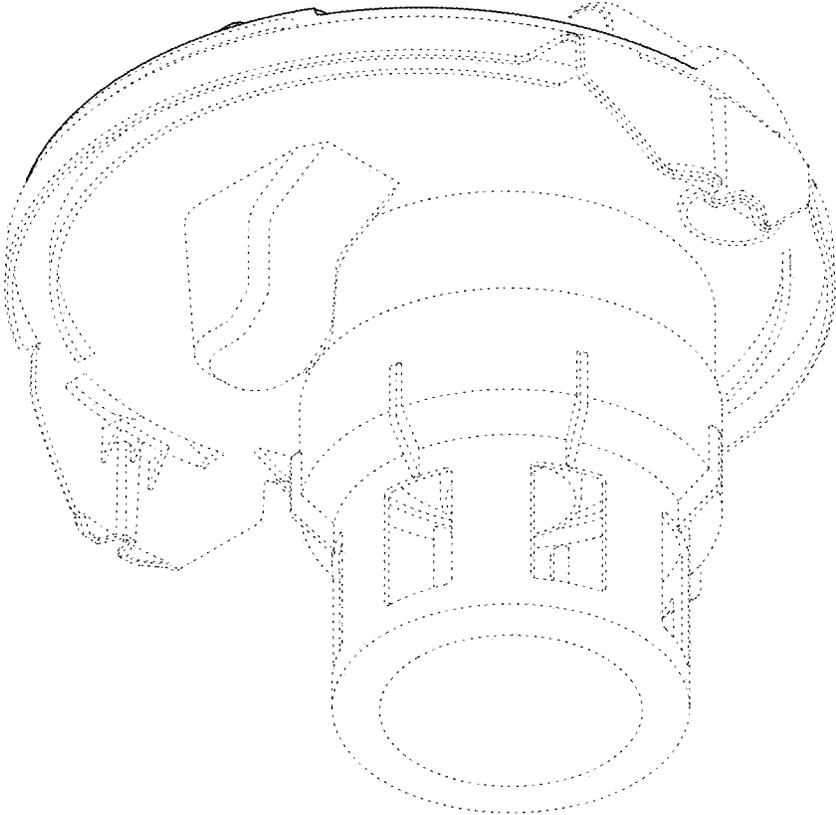


FIG. 3

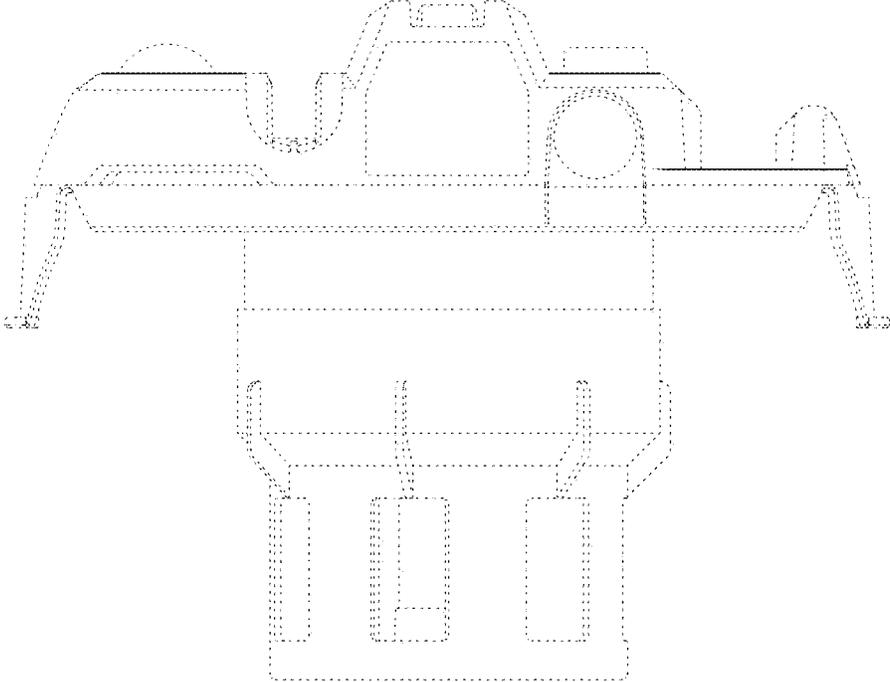


FIG. 4

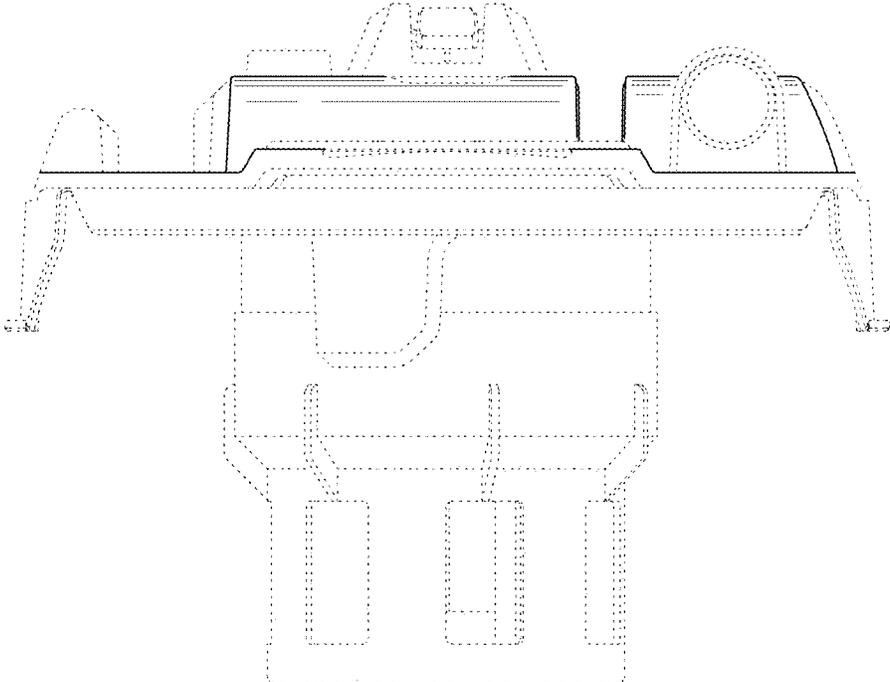


FIG. 5

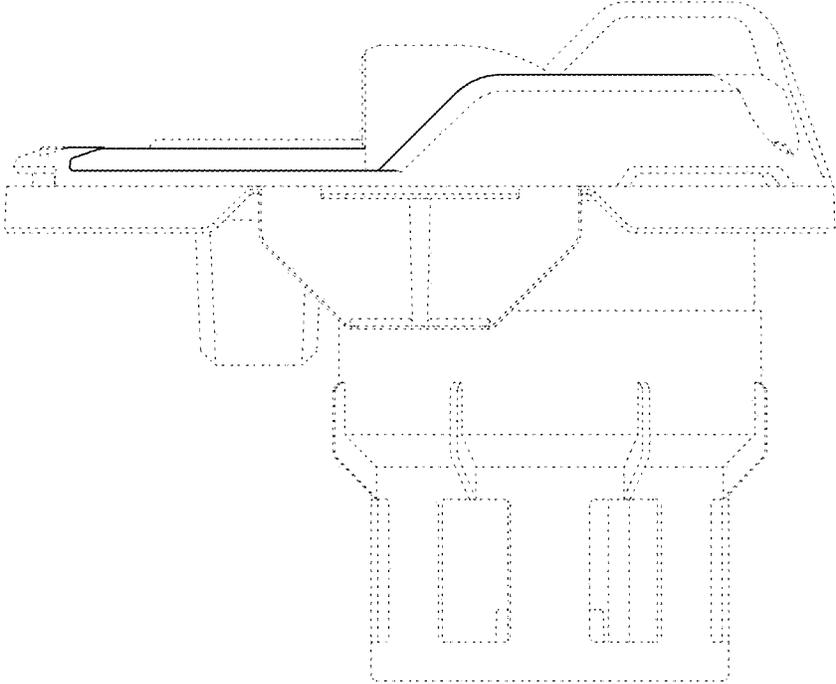


FIG. 6

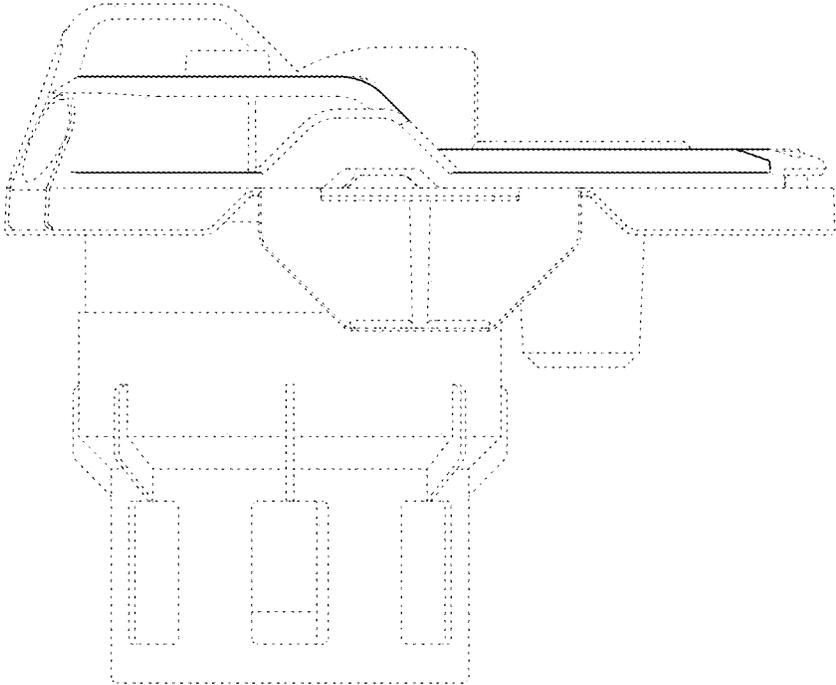


FIG. 7

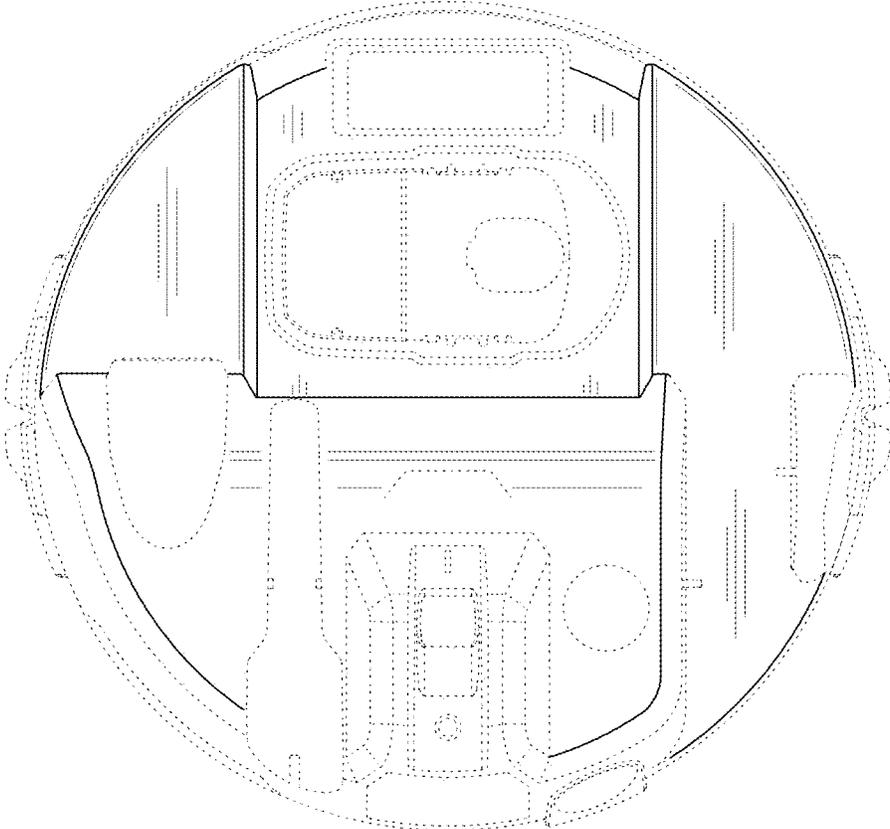


FIG. 8

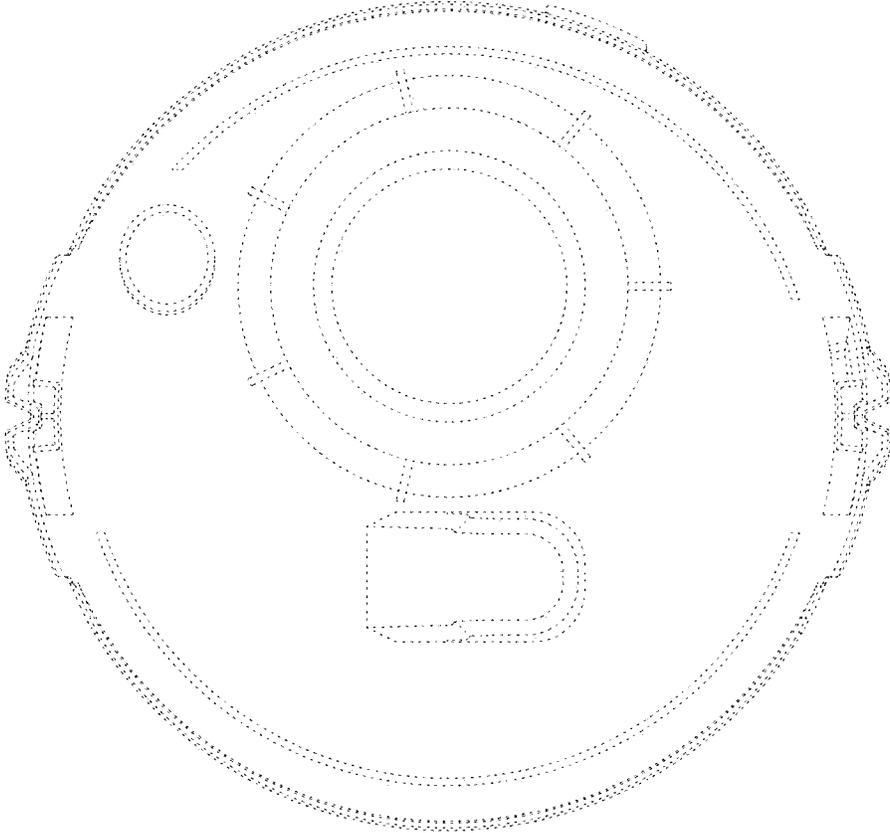


FIG. 9