



US0D1089524S

(12) **United States Design Patent** (10) **Patent No.:** **US D1,089,524 S**
Collet et al. (45) **Date of Patent:** **** Aug. 19, 2025**

(54) **PORTABLE WATER TREATMENT DEVICE**

(56) **References Cited**

(71) Applicant: **Blu Technology LLC**, Kalamazoo, MI (US)

U.S. PATENT DOCUMENTS

(72) Inventors: **Corbin Collet**, Portage, MI (US);
Brian Brandon, Bellevue, MI (US)

D152,286 S * 1/1949 Patterson D23/207
4,192,750 A * 3/1980 Elfes B01D 29/92
210/232
5,122,265 A * 6/1992 Mora B01D 65/02
210/257.2

(73) Assignee: **Blu Technology LLC**, Portage, MI (US)

5,399,260 A 3/1995 Eldredge et al.
(Continued)

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

OTHER PUBLICATIONS

(21) Appl. No.: **29/947,364**

Blu Tech R2, RV Water Filter System, Amazon Posting-Webpage screenshot from <https://www.amazon.com/Campers-Compact-Filters-Premium-Filtration/dp/B09V3K76FY>, accessed Oct. 6, 2023.

(22) Filed: **Jun. 14, 2024**

(Continued)

Related U.S. Application Data

(63) Continuation of application No. 29/877,191, filed on Jun. 2, 2023, now Pat. No. Des. 1,043,906, which is a continuation of application No. 17/847,855, filed on Jun. 23, 2022.

Primary Examiner — Jae Liang

Assistant Examiner — Adedoyin Taiwo Odeyale

(74) *Attorney, Agent, or Firm* — Gardner, Linn, Burkhardt & Ondersma LLP

(51) **LOC (15) Cl.** **23-01**

(52) **U.S. Cl.**

(57) **CLAIM**

The ornamental design for a portable water treatment device as shown and described.

USPC **D23/207**
CPC **C02F 9/20** (2023.01); **B01D 29/56** (2013.01); **C02F 1/003** (2013.01); **C02F 1/325** (2013.01); **C02F 1/78** (2013.01); **E03C 1/01** (2013.01); **E03C 1/1222** (2013.01); **B01D 2201/184** (2013.01); **C02F 2103/002** (2013.01); **C02F 2103/005** (2013.01); **C02F 2201/005** (2013.01); **C02F 2201/007** (2013.01); **C02F 2201/009** (2013.01); **C02F 2201/326** (2013.01); **C02F 2209/40** (2013.01); **C02F 2209/42** (2013.01)

(58) **Field of Classification Search**

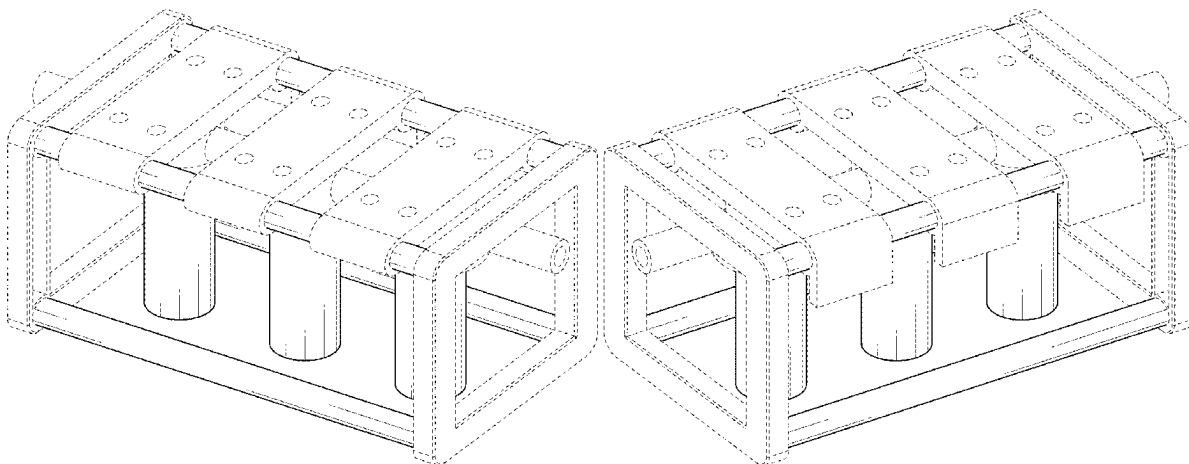
USPC D23/200, 207–210; D24/162; D7/306
CPC B01D 29/56; B01D 27/08; B01D 35/00; C02F 5/02; C02F 5/04; C02F 5/06; C02F 5/08; C02F 5/083; C02F 5/086; C02F 1/002; C02F 1/003; C02F 9/20; E03C 1/01; E03C 1/1222

See application file for complete search history.

DESCRIPTION

FIG. 1 is a front, perspective view of a portable water treatment device showing our new design; FIG. 2 is a right side elevation thereof; FIG. 3 is a left side elevation thereof; FIG. 4 is a front elevation view thereof; FIG. 5 is a rear elevation view thereof; FIG. 6 is a top, plan view thereof; and, FIG. 7 is a rear, perspective view thereof. FIGS. 1-7 show portions of the portable water treatment device in dash-dash broken lines. The dash-dash broken lines illustrate portions of the portable water treatment device that form no part of the claimed design.

1 Claim, 5 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D407,462 S * 3/1999 Bishop D23/209
 D454,173 S 3/2002 Almasian et al.
 6,379,539 B1 4/2002 Ubelhor
 D490,496 S 5/2004 Cook
 D521,593 S 5/2006 Mitsis
 D547,826 S 7/2007 Kennedy et al.
 D547,827 S 7/2007 Kennedy et al.
 7,438,811 B2 10/2008 Lin
 D610,650 S 2/2010 Kulikov et al.
 D621,903 S 8/2010 Acernese et al.
 D668,741 S 10/2012 Choi
 8,481,985 B2 7/2013 Neister
 D692,525 S 10/2013 Tseng
 8,753,575 B2 6/2014 Neister
 8,975,605 B2 3/2015 Neister
 D754,813 S 4/2016 Kuepper et al.
 D759,788 S 6/2016 Wei et al.
 D768,810 S 10/2016 Wei et al.
 D783,774 S * 4/2017 Costantini D23/209
 9,700,642 B2 7/2017 Neister
 D796,628 S 9/2017 Buckley et al.
 10,363,503 B1 7/2019 Salganov
 10,398,000 B2 8/2019 Rantala
 D913,410 S 3/2021 Casey et al.
 D947,987 S 4/2022 Du
 11,369,923 B2 6/2022 Adams et al.
 D968,555 S 11/2022 Fitzpatrick et al.
 D975,822 S 1/2023 Fitzpatrick et al.

D987,029 S 5/2023 Koppenhoefer et al.
 D998,128 S 9/2023 Melkonian
 D1,043,906 S * 9/2024 Collet E03C 1/01
 D23/207
 D1,076,001 S * 5/2025 Collet D23/207
 2002/0100721 A1 8/2002 Huxtable et al.
 2002/0104794 A1 8/2002 Hoffmann
 2005/0045532 A1 3/2005 Yen
 2007/0138081 A1 6/2007 Rice
 2008/0041777 A1 2/2008 Lee
 2008/0217256 A1 9/2008 Everton
 2010/0163477 A1 * 7/2010 Noh C02F 1/003
 210/232
 2015/0008173 A1 1/2015 Lee
 2017/0350641 A1 12/2017 Park
 2018/0353629 A9 12/2018 Neister et al.
 2019/0047874 A1 2/2019 Tsai
 2020/0030469 A1 1/2020 Neister et al.
 2020/0179837 A1 6/2020 Loewe et al.
 2021/0024382 A1 1/2021 Tally et al.
 2022/0289593 A1 9/2022 Szykiel et al.
 2025/0074793 A1 * 3/2025 Zhou C02F 1/441

OTHER PUBLICATIONS

Blu Tech R3, RV Water Filter System, Amazon Posting—Webpage
 screenshot from <https://www.amazon.com/Campers-Compact-Filters-Premium-Filtration/dp/B09V3HHC4S>, accessed Oct. 6, 2023.

* cited by examiner

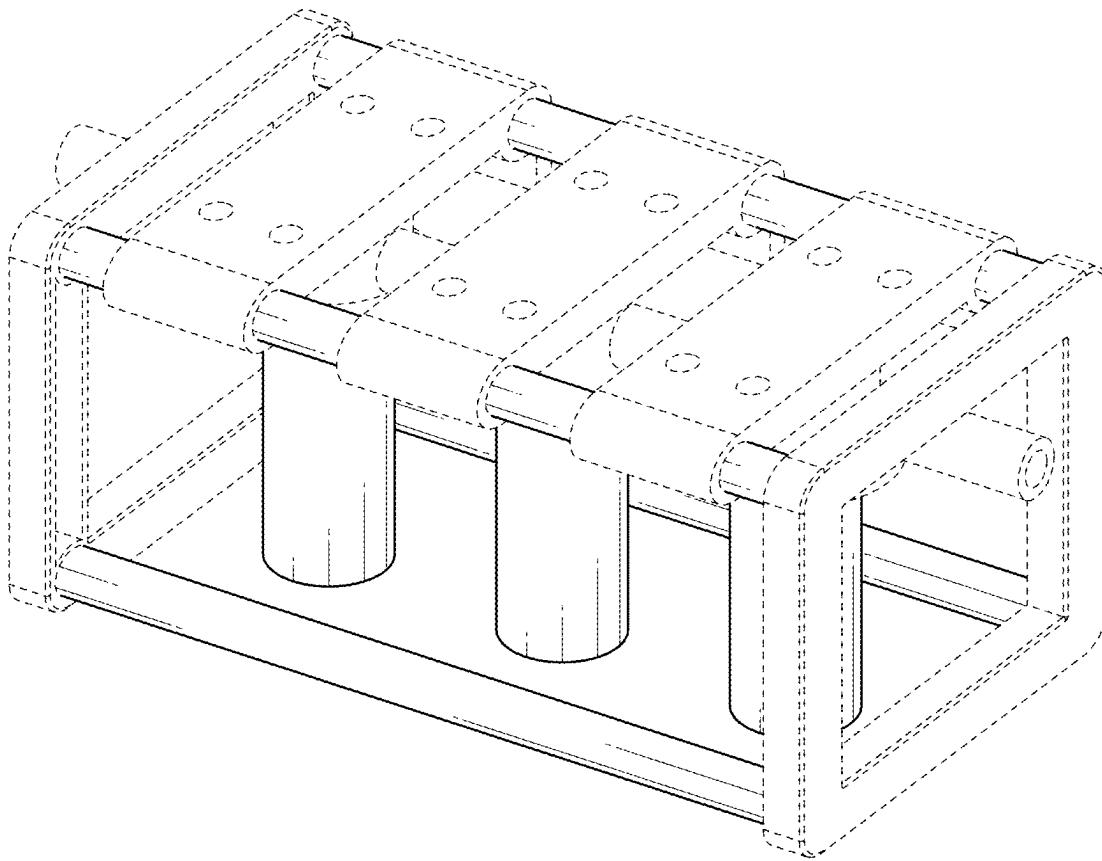


FIG. 1

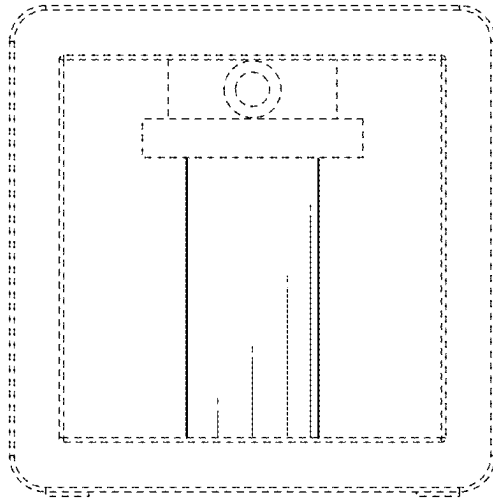


FIG. 2

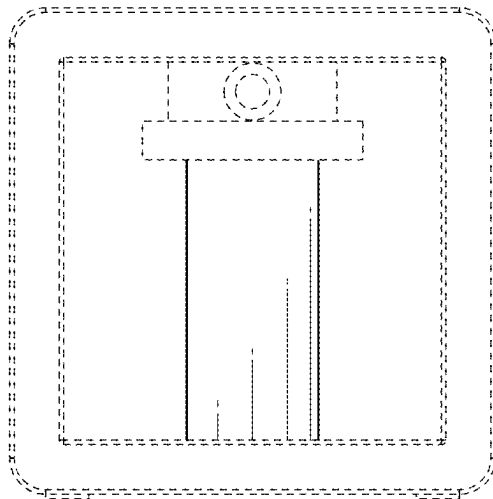


FIG. 3

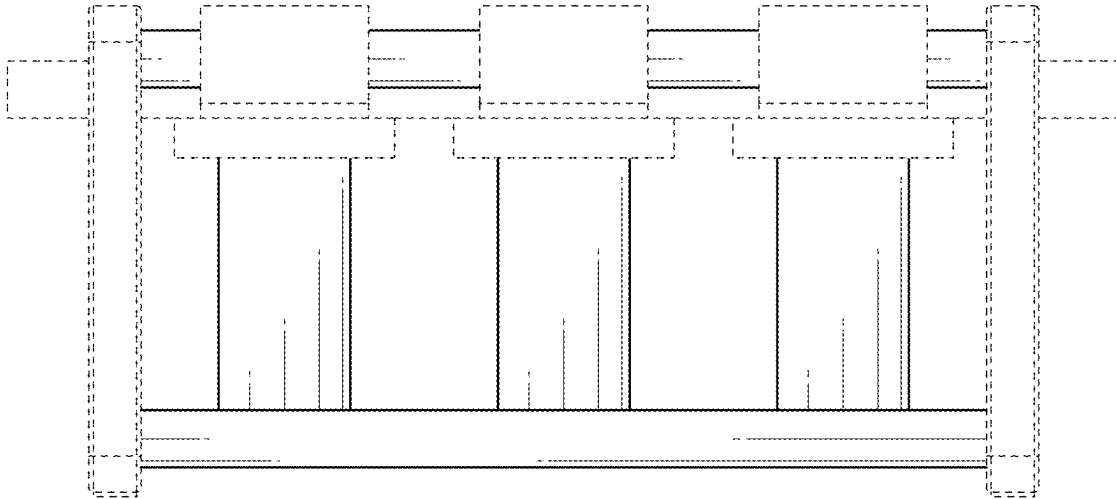


FIG. 4

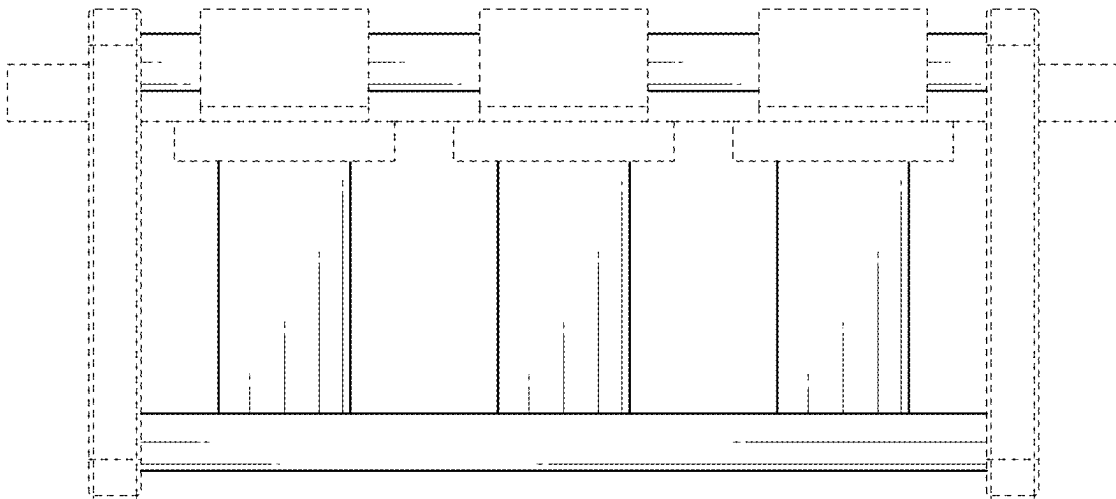


FIG. 5

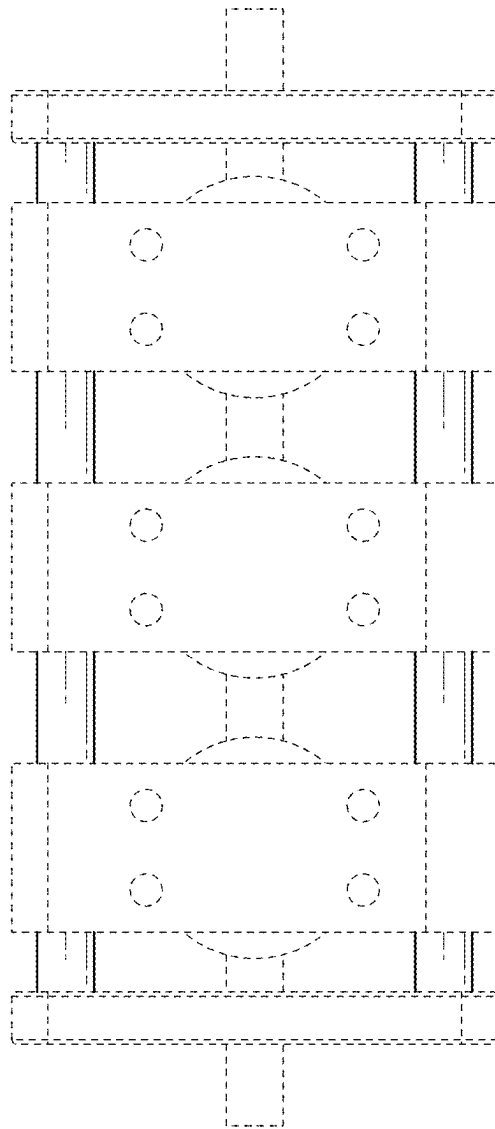


FIG. 6

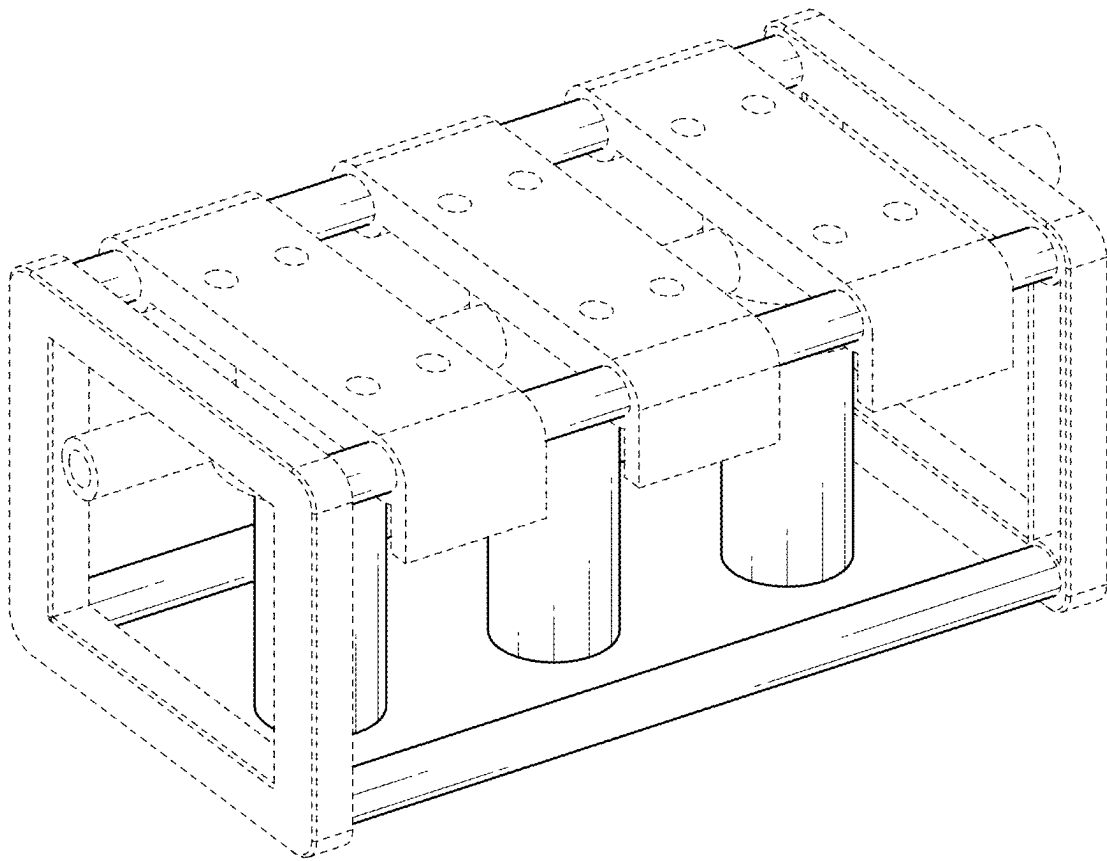


FIG. 7