



US00D971376S

(12) **United States Design Patent** (10) **Patent No.:** **US D971,376 S**
Li et al. (45) **Date of Patent:** **** Nov. 29, 2022**

(54) **WATER PURIFIER**

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

(21) Appl. No.: **29/772,991**

(22) Filed: **Mar. 5, 2021**

(30) **Foreign Application Priority Data**

Sep. 9, 2020 (CN) 202030530920.0

(51) **LOC (13) Cl.** **23-01**

(52) **U.S. Cl.**
USPC **D23/207**

(58) **Field of Classification Search**
USPC D23/200, 202, 207, 208, 209, 210, 365; D24/162; D7/306, 307, 311
CPC C02F 1/003; C02F 9/005; C02F 2201/006; C02F 2201/007; C02F 2307/10
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D306,338	S	*	2/1990	Rempe	.....	D23/207
D333,505	S	*	2/1993	Matsumura	.....	D23/209
D477,857	S	*	7/2003	Kuna	.....	D23/209
D678,979	S	*	3/2013	Liu	.....	D23/207
D692,523	S	*	10/2013	Saito	.....	D23/207
D764,014	S	*	8/2016	Lin	.....	D23/207

(Continued)

OTHER PUBLICATIONS

Frizzlife Reverse Osmosis System, Jan. 2, 2020, Amazon, site visited Jun. 13, 2022: <https://www.amazon.com/dp/B083DFW1QS/> (Year: 2020).*

(Continued)

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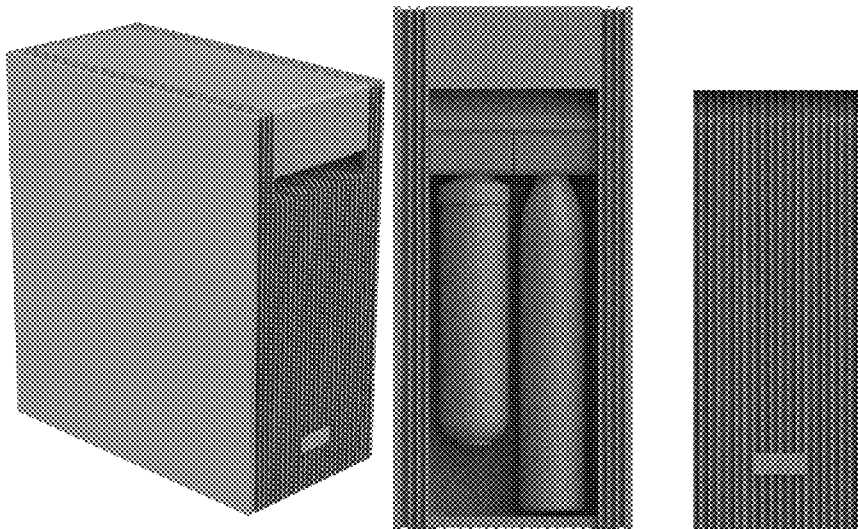
(57) **CLAIM**

The ornamental design for a water purifier, as shown and described.

DESCRIPTION

FIG. 1 is a left front perspective view from above of the water purifier showing our new design;
FIG. 2 is a front elevational view of the water purifier of FIG. 1;
FIG. 3 is a rear elevational view of the water purifier of FIGS. 1 and 2;
FIG. 4 is a left side elevational view of the water purifier of FIGS. 1-3;
FIG. 5 is a right side elevational view of the water purifier of FIGS. 1-4;
FIG. 6 is a top plan view of the water purifier of FIGS. 1-5;
FIG. 7 is a bottom plan view of the water purifier of FIGS. 1-6;
FIG. 8 is a front elevational view of the water purifier in which the cover plate has been removed;
FIG. 9 is a left front perspective view from above, showing the water purifier component of FIG. 8 in isolation; and,
FIG. 10 is a left front perspective view from above, showing the water purifier component of FIG. 8 in isolation, in which the filter is being replaced.

1 Claim, 10 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D827,764 S * 9/2018 Mangeot-Gehin D23/205
D831,153 S * 10/2018 Li D23/207
D844,101 S * 3/2019 Zheng D23/207
D876,866 S * 3/2020 Haas D7/306
D908,834 S * 1/2021 Cho D23/207
D914,834 S * 3/2021 Cho D23/207
D941,955 S * 1/2022 Ma D23/207
2007/0017856 A1 * 1/2007 Lin B01D 63/06
210/85
2017/0267563 A1 * 9/2017 Tsan C02F 1/005
2017/0350641 A1 * 12/2017 Park F25D 23/126
2019/0135655 A1 * 5/2019 Steudten B01D 35/26
2019/0256392 A1 * 8/2019 Chen C02F 9/005

OTHER PUBLICATIONS

Waterdrop D6 Reverse Osmosis System, Apr. 15, 2020, Amazon,
site visited Jun. 13, 2022: [https://www.amazon.com/dp/
B08746G2XX/](https://www.amazon.com/dp/B08746G2XX/) (Year: 2020).*

* cited by examiner



Fig. 1

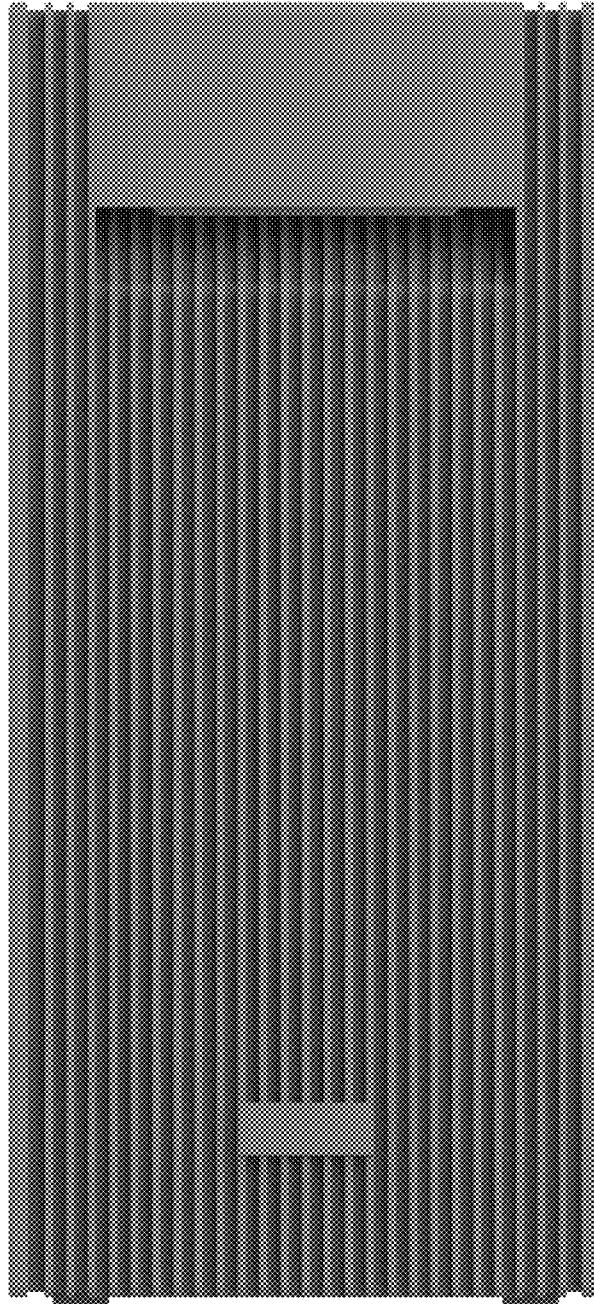


Fig. 2

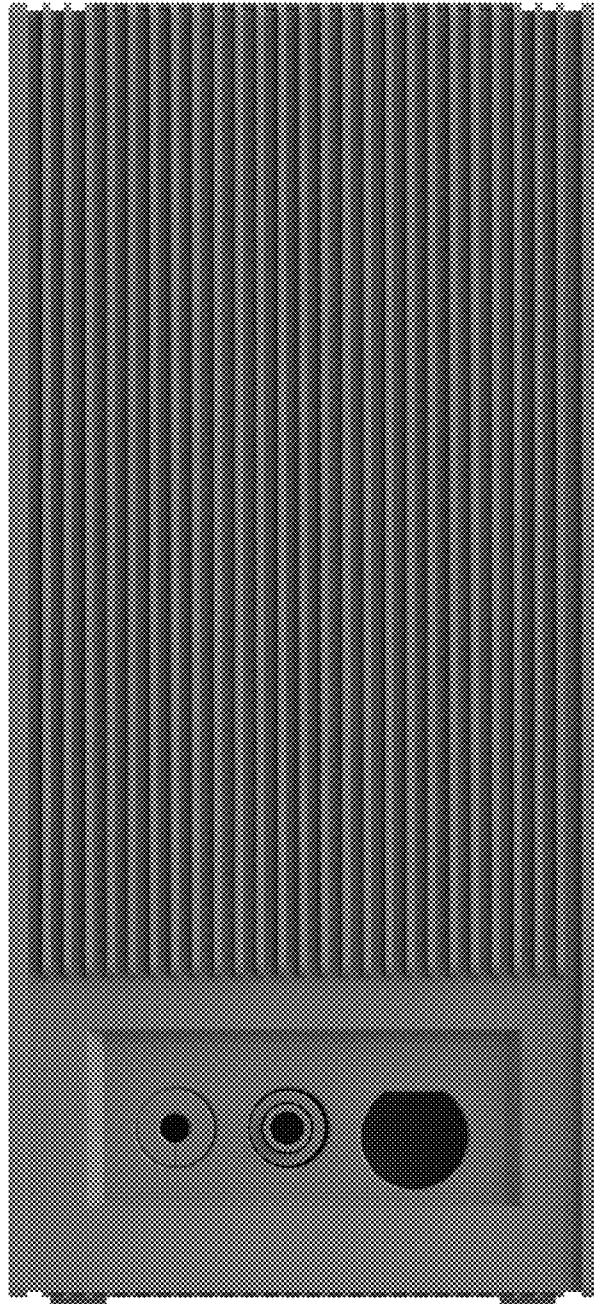


Fig. 3

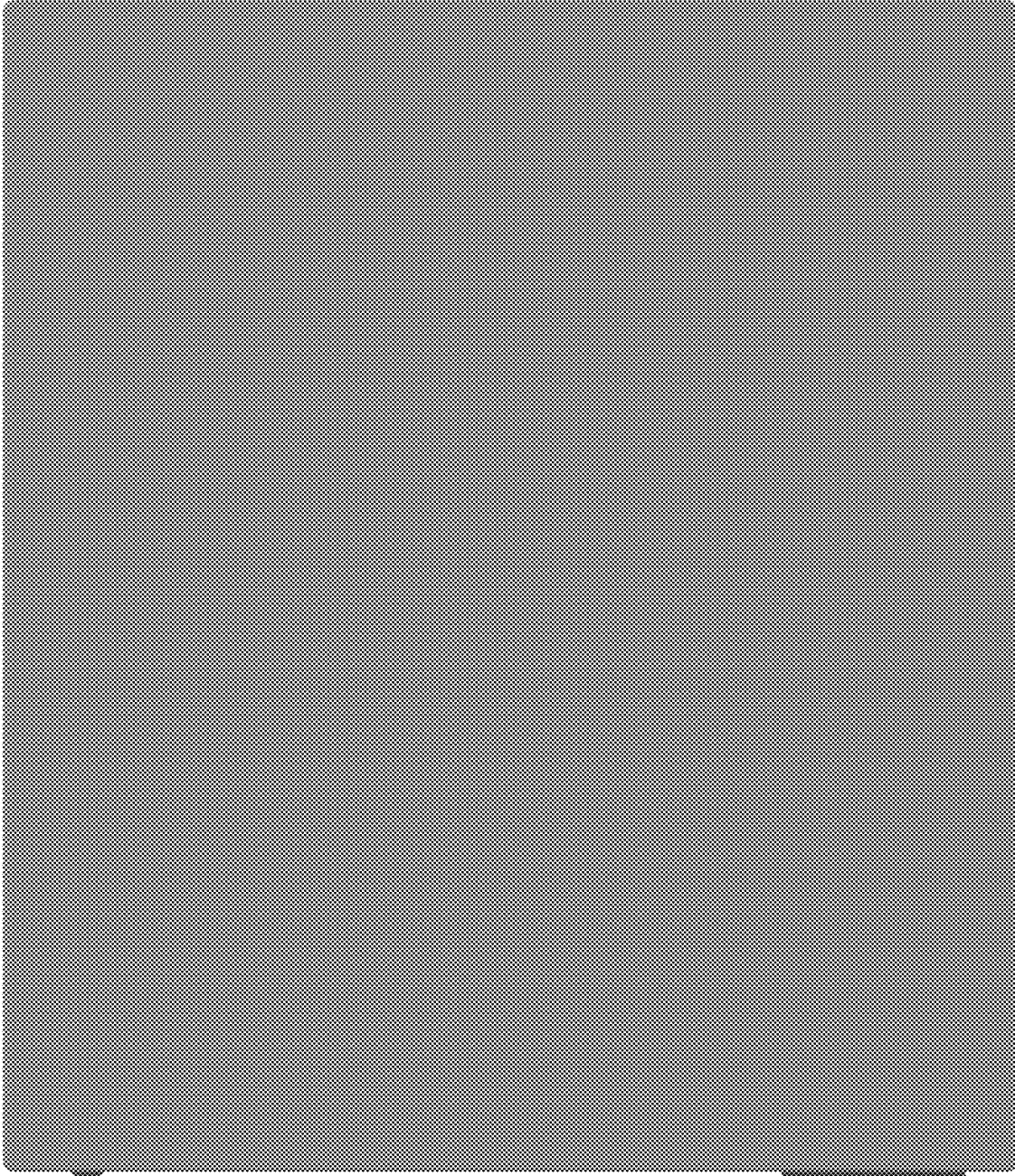


Fig. 4

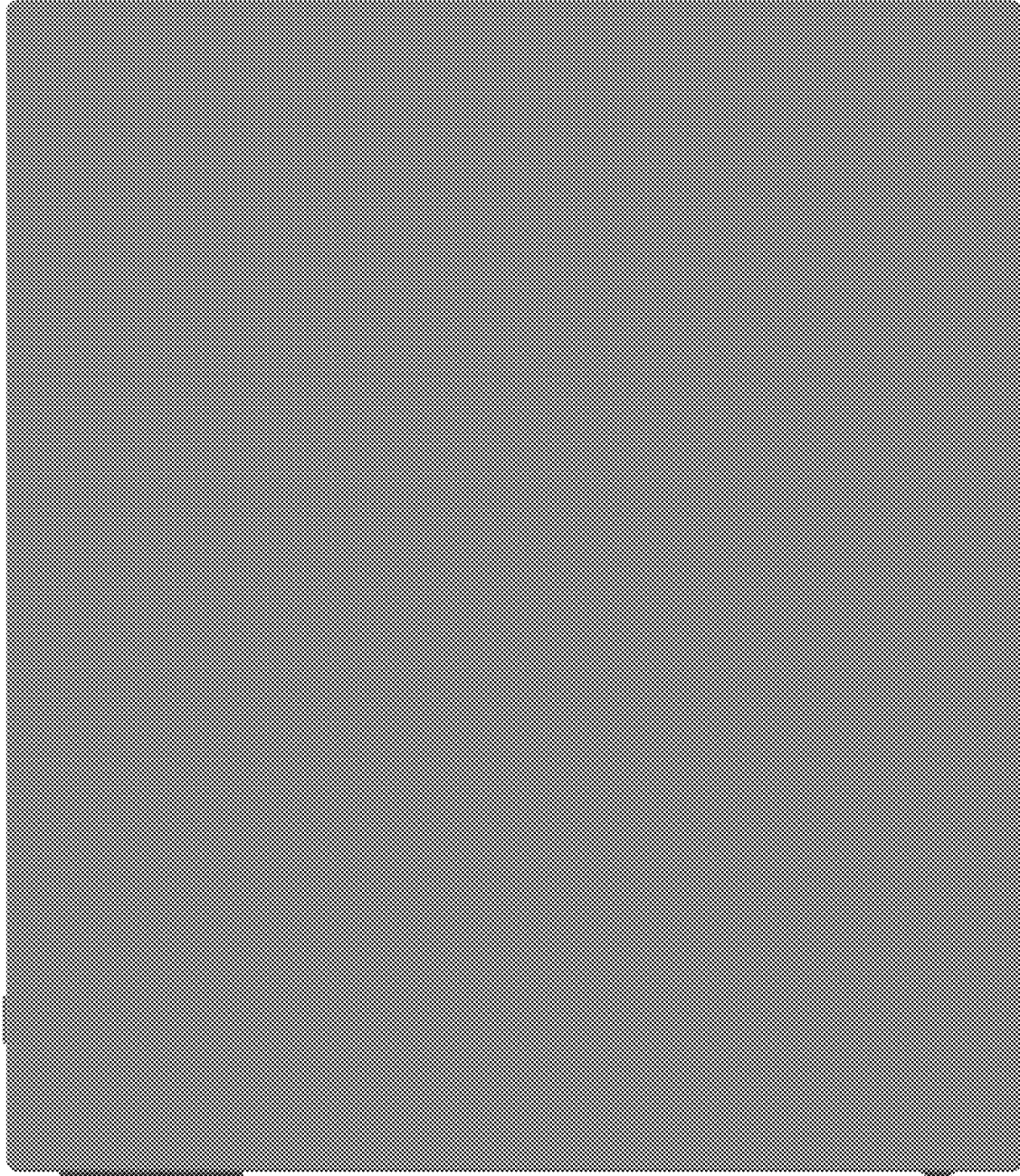


Fig. 5

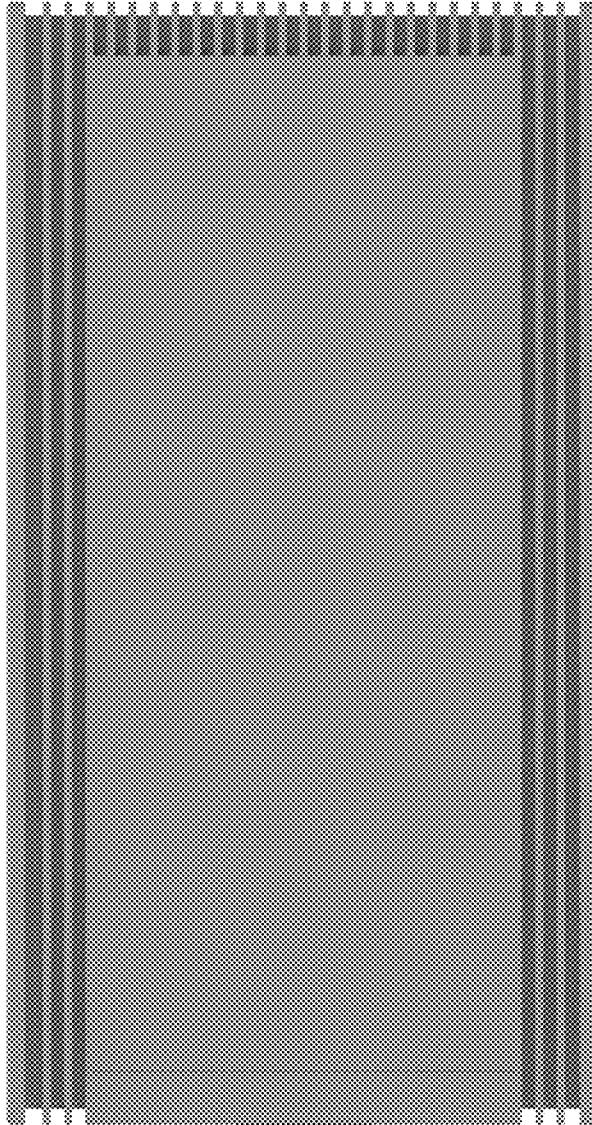


Fig. 6

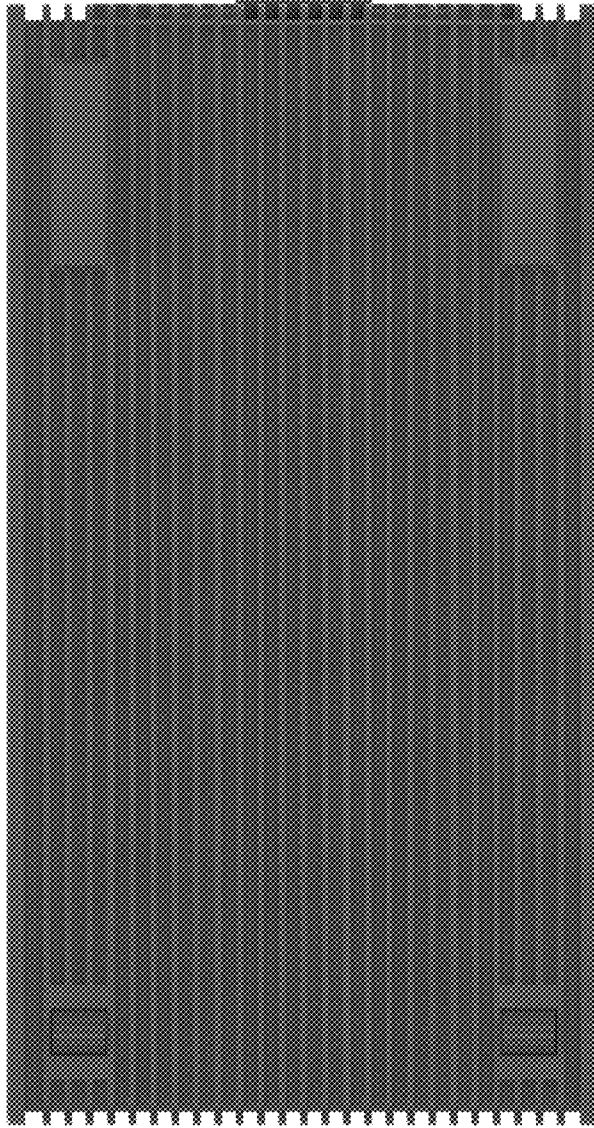


Fig. 7

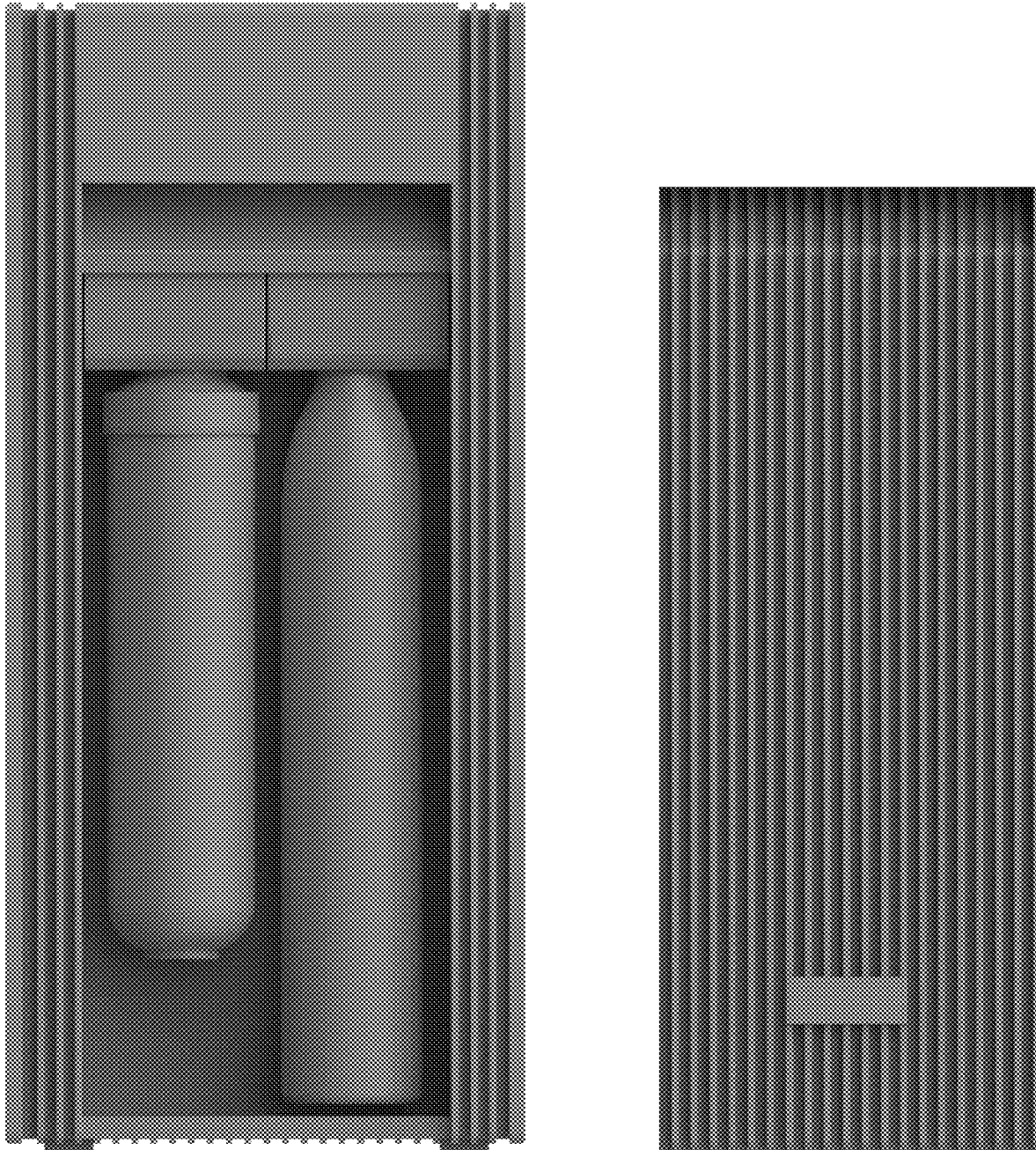


Fig. 8

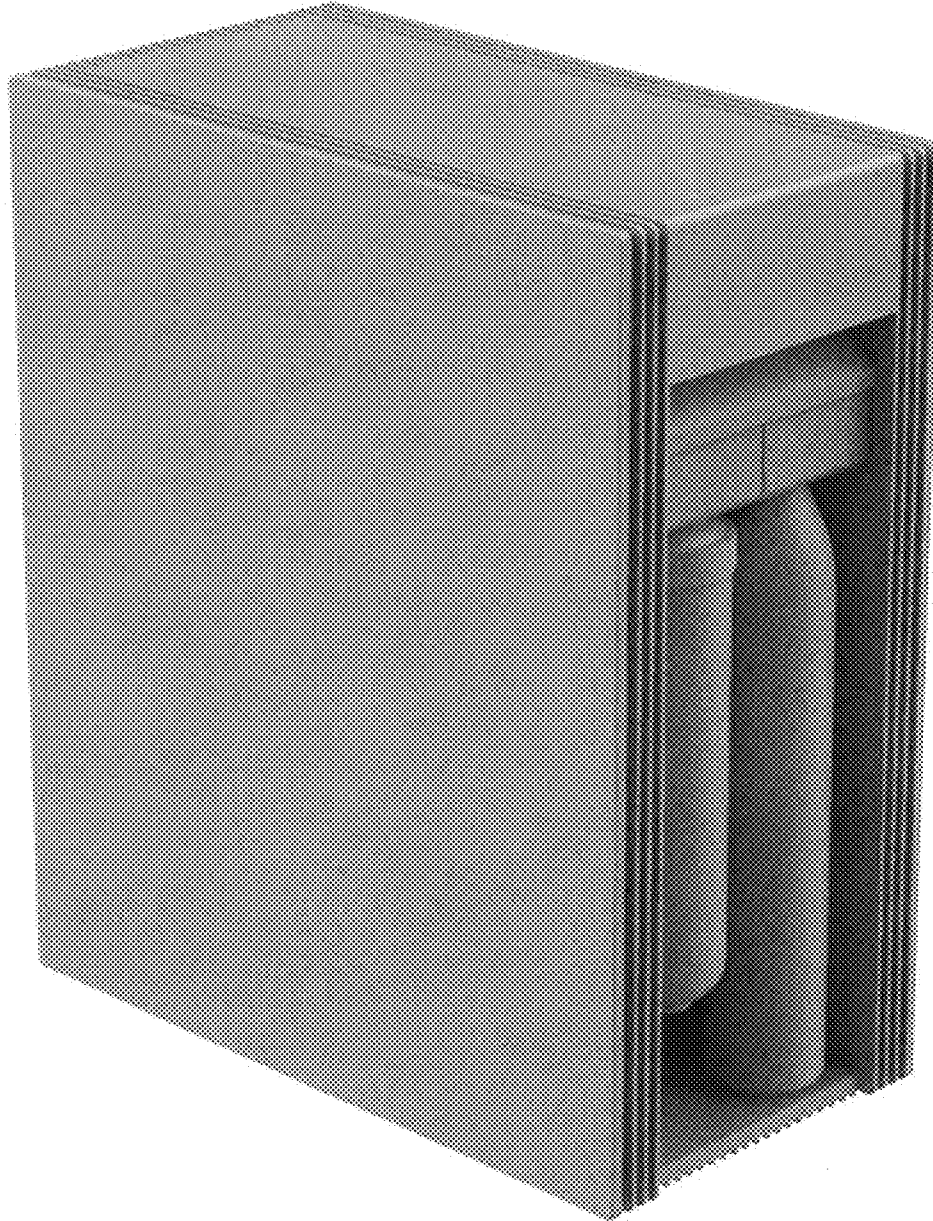


Fig. 9

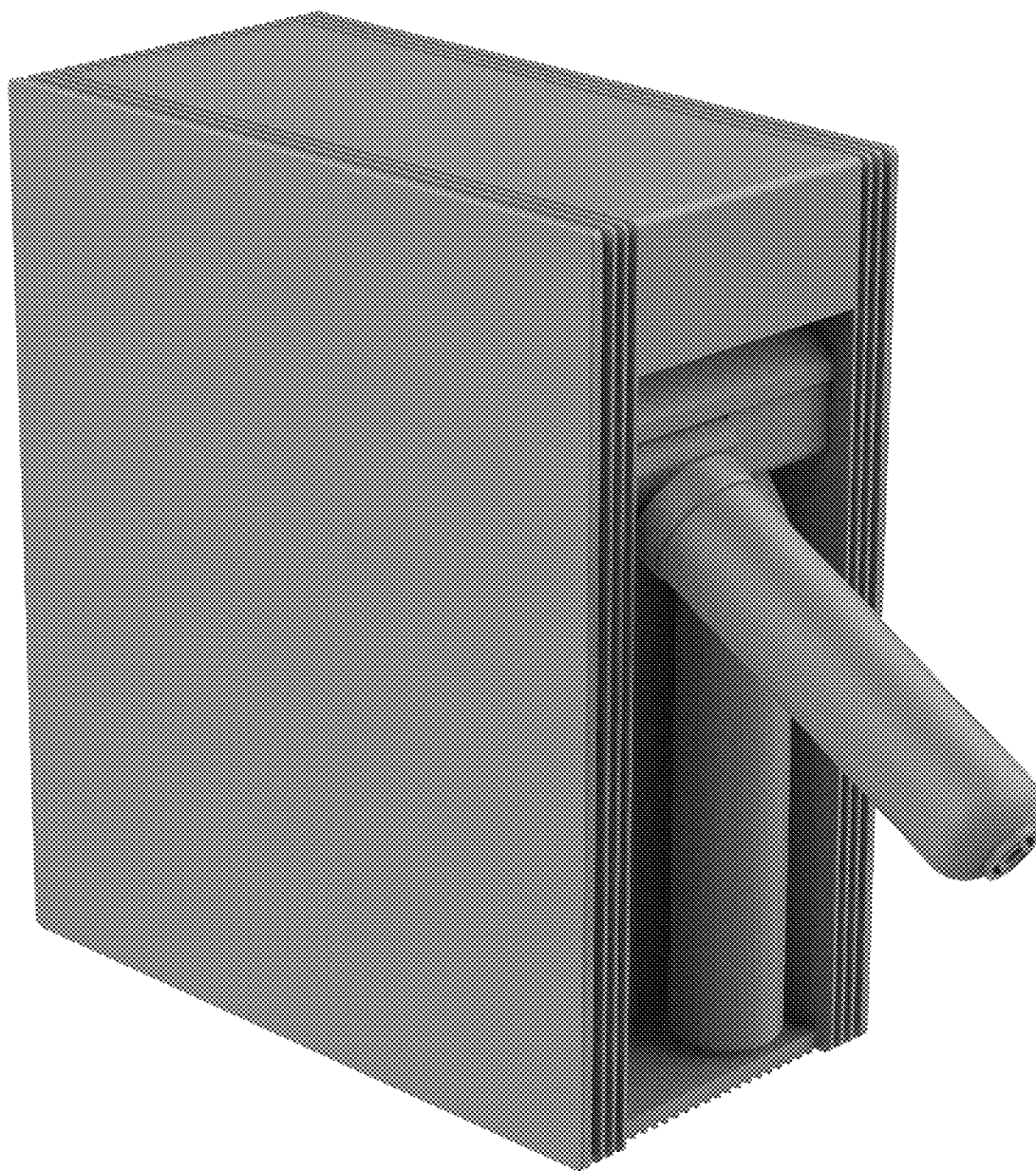


Fig. 10