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Anderson et al.

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(54) **FILTER ELEMENT**

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(73) Assignee: **manforda, Inc.**

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

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

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

USPC **D23/209**

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D23/362, 363, 365, 499; D24/162
CPC B01D 29/114; B01D 29/176; B01D 29/60;
B01D 29/665; B01D 29/94; B01D
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B01D 2201/00; B01D 2201/02; B01D
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46/0002; B01D 46/10; B01D 27/08;
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F02M 35/024; F02M 35/10; C02F 1/002;
C02F 1/003; C02F 9/005; C02F 9/20;
C02F 2307/06; A61H 9/0021; A61H
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9/01

See application file for complete search history.

(56)

References Cited

U.S. PATENT DOCUMENTS

3,542,203 A * 11/1970 Bray B01D 61/10
210/441
D357,058 S * 4/1995 Engelhard D23/209
6,048,456 A * 4/2000 Palmer B01D 24/001
264/DIG. 48
D705,390 S * 5/2014 Okazaki D23/207
D705,391 S * 5/2014 Okazaki D23/207
8,876,945 B2 * 11/2014 Taylor B01D 63/025
96/9
D752,507 S * 3/2016 Takahashi D13/101
D767,713 S * 9/2016 Biltoft D23/209

(Continued)

OTHER PUBLICATIONS

"Axeon" Dec. 31, 2019, www.Freshwatersystems.com, site visited
May 8, 2025: https://go.axeonwater.com/hubfs/AXEON%20-%20Catalogs/AXEON_2019_Membrane_Catalog.pdf (Year: 2019).*

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(57)

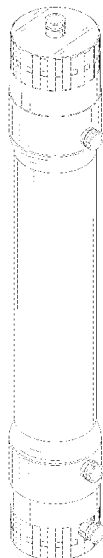
CLAIM

The ornamental design for a filter element, as shown and described.

DESCRIPTION

FIG. 1 is a front, right and top perspective view of a filter element, showing our new design;
FIG. 2 is a rear, left and bottom perspective view thereof;
FIG. 3 is a front view thereof;
FIG. 4 is a rear view thereof;
FIG. 5 is a left side view thereof;
FIG. 6 is a right side view thereof;
FIG. 7 is an enlarged top plan view thereof; and,
FIG. 8 is an enlarged bottom plan view thereof.
The broken lines shown in the drawings illustrate portions of the filter element that form no part of the claimed design.

1 Claim, 8 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D884,829	S *	5/2020	Kikuya	D23/209
D946,109	S *	3/2022	Jackson	D23/209
D950,009	S *	4/2022	McMahon	D23/209
D968,559	S *	11/2022	Jackson	D23/209
D988,466	S *	6/2023	McMahon	D23/209
D1,018,775	S *	3/2024	McMahon	D23/209
D1,029,179	S *	5/2024	Kikuya	D23/209
2004/0069701	A1 *	4/2004	Vasse	B01D 65/00 210/321.79
2009/0032455	A1 *	2/2009	Tada	B01D 63/023 210/451
2010/0326900	A1 *	12/2010	Graham	B01D 61/10 210/541
2011/0036240	A1 *	2/2011	Taylor	B01D 63/025 96/6
2013/0206673	A1 *	8/2013	Ying	B01D 69/085 210/321.87
2013/0206695	A1 *	8/2013	Li	C02F 1/44 210/97
2015/0330554	A1 *	11/2015	Muniz	C02F 1/441 29/897.31
2016/0038881	A1 *	2/2016	Yang	B01D 63/106 210/236

* cited by examiner

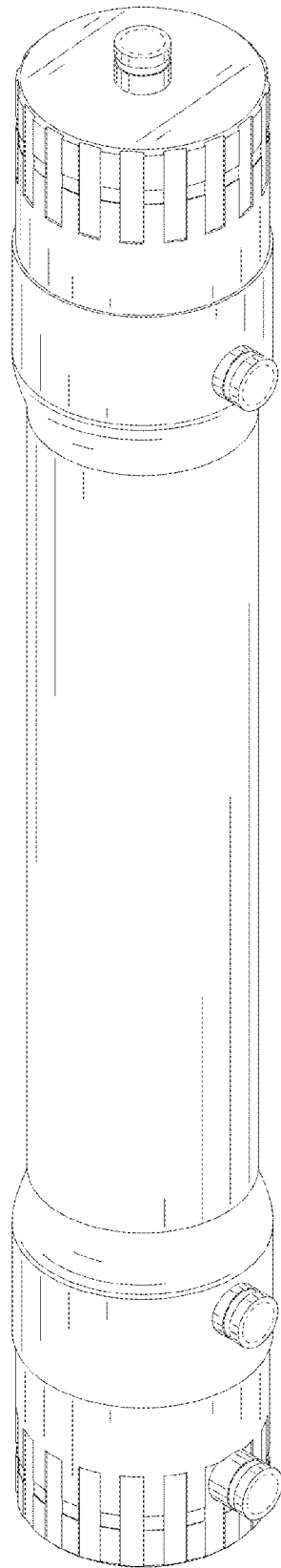


FIG. 1

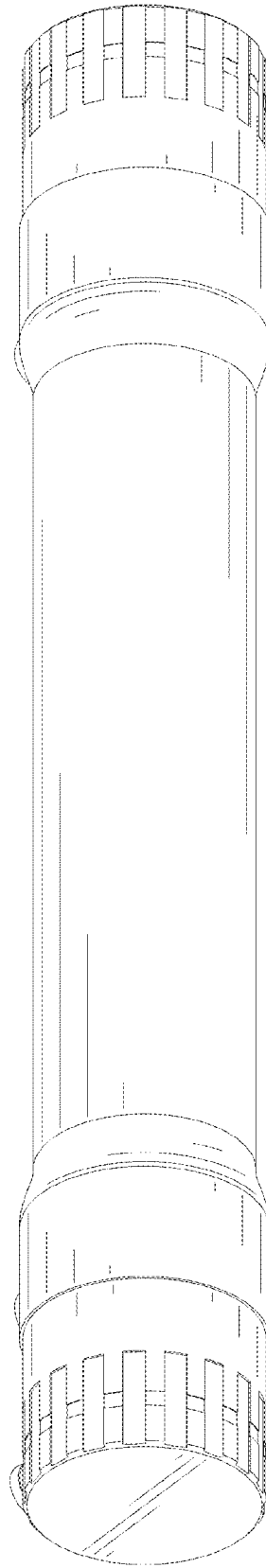


FIG. 2

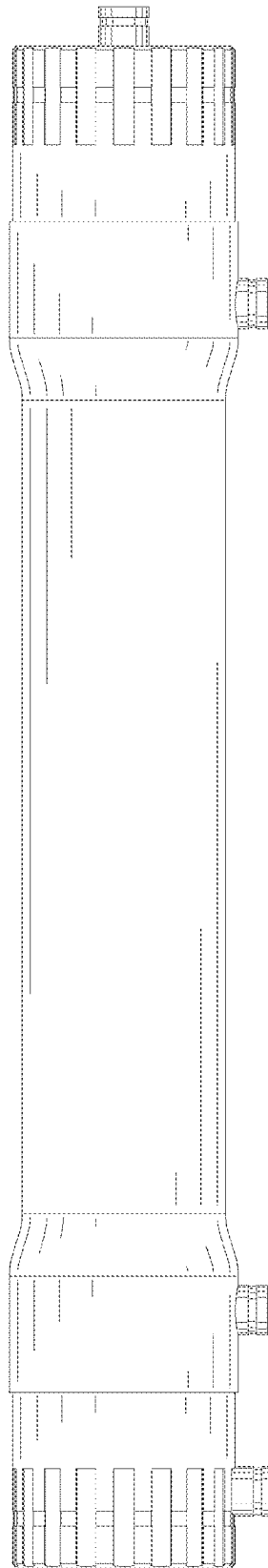


FIG. 3

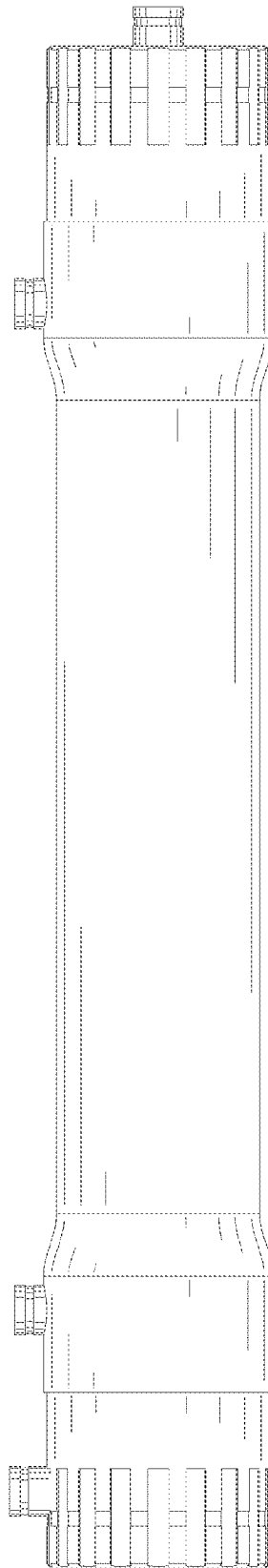


FIG. 4

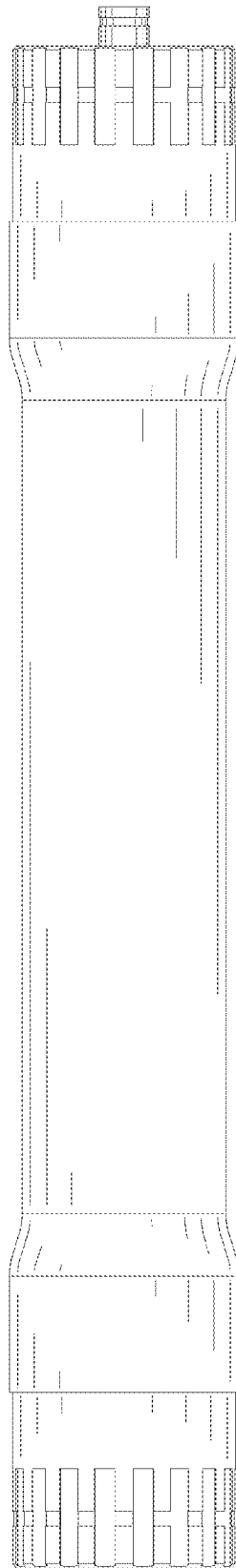


FIG. 5

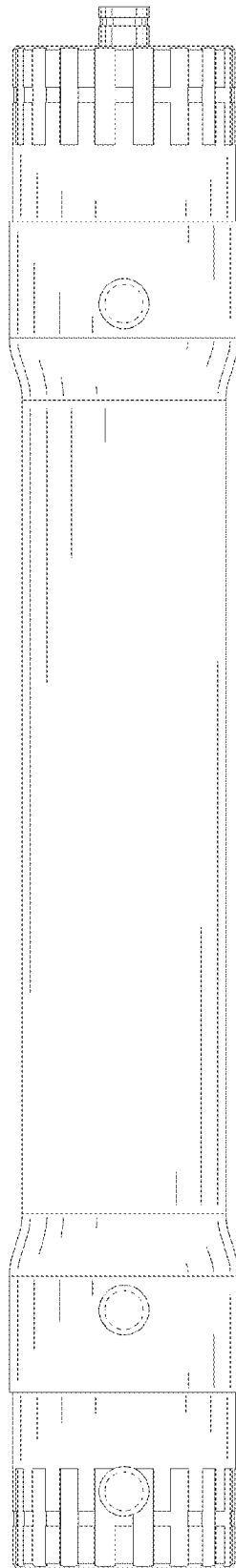


FIG. 6

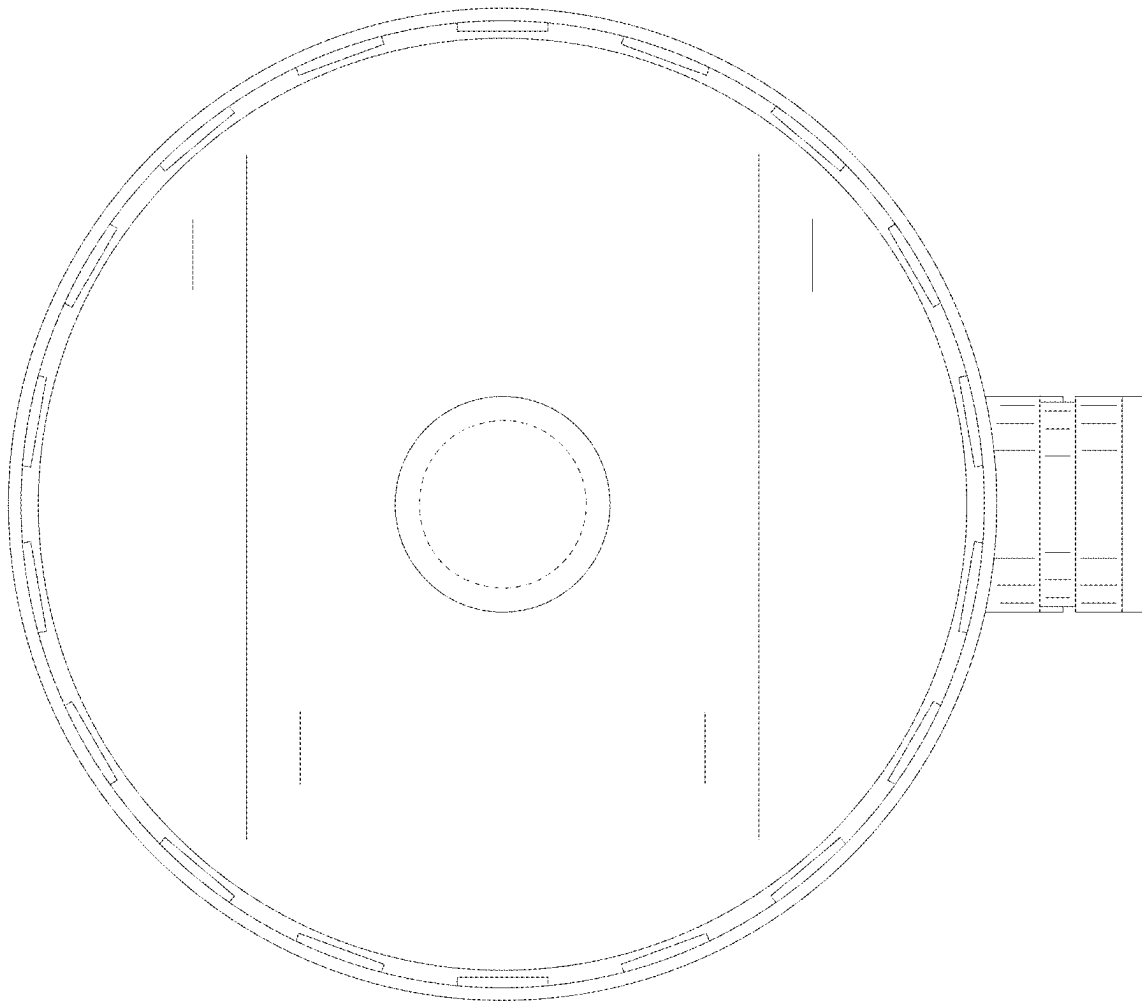


FIG. 7

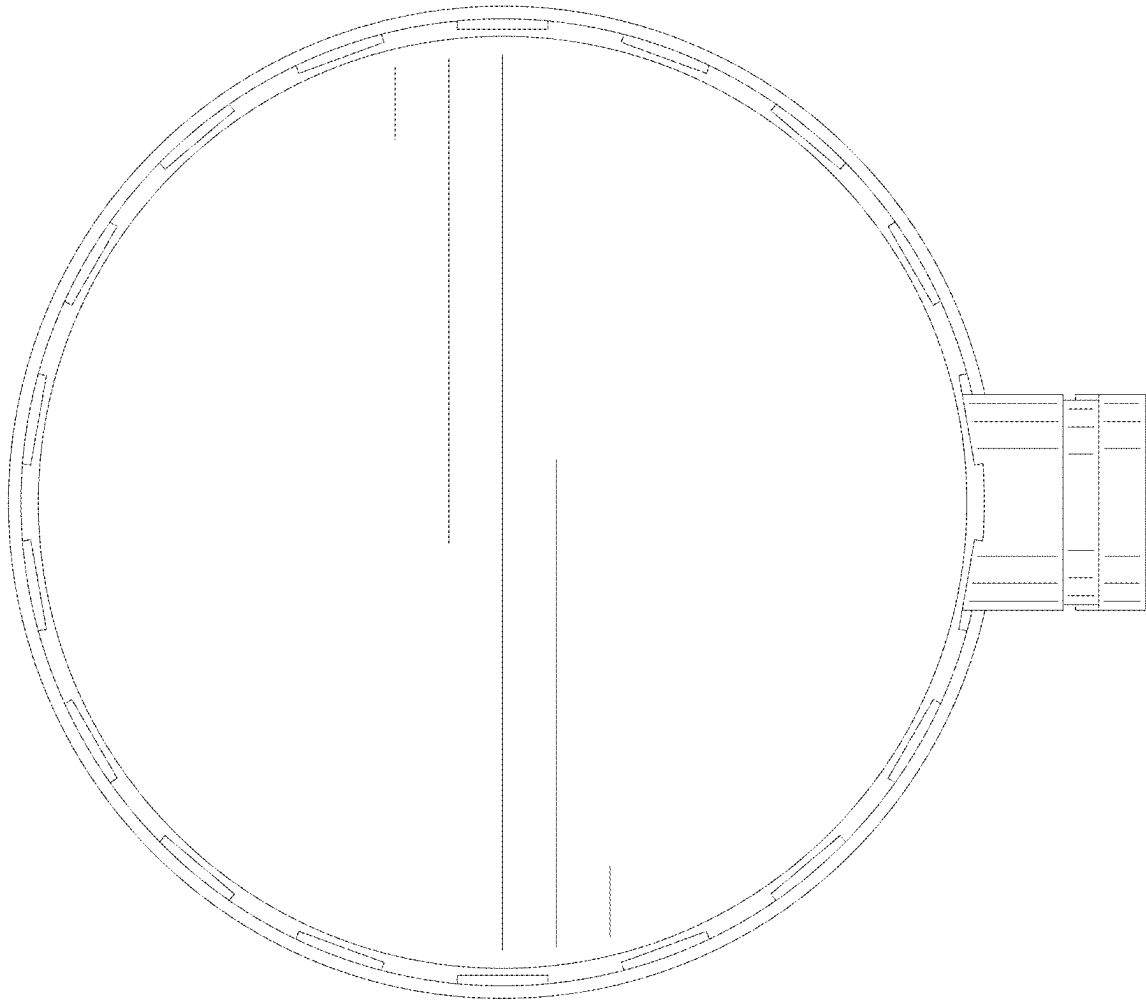


FIG. 8