



US00D804653S

(12) **United States Design Patent** (10) **Patent No.:** **US D804,653 S**
Clark et al. (45) **Date of Patent:** **** Dec. 5, 2017**

(54) **PRESSURE VESSEL** 4,930,997 A 6/1990 Bennett
4,932,550 A 6/1990 Moucha
(71) Applicant: **EMD Millipore Corporation**, Billerica, MA (US) 5,087,250 A 2/1992 Lichte et al.
5,148,938 A 9/1992 Morgan
(Continued)

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(US)
FOREIGN PATENT DOCUMENTS
CN 201236947 Y 5/2009
CN 203098988 U 7/2013
(Continued)

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OTHER PUBLICATIONS

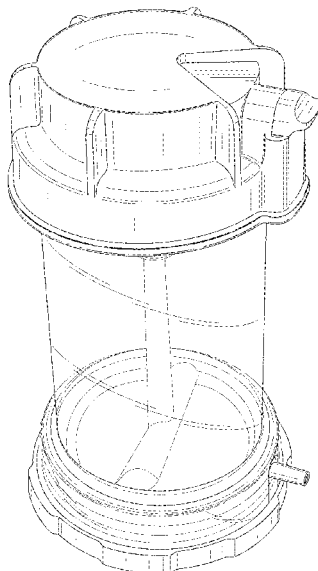
(**) Term: **15 Years**
(21) Appl. No.: **29/530,023**
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(51) **LOC (10) Cl.** **24-02**
(52) **U.S. Cl.**
USPC **D24/121**
(58) **Field of Classification Search**
USPC D15/121, 123, 224, 176; 604/317-325
CPC . A61M 1/0001; A61M 1/0088; A61M 1/0005
See application file for complete search history.
(56) **References Cited**
U.S. PATENT DOCUMENTS

IP.com Prior Art Database Technical Disclosure, "A Remote Fuel Tank Depressurization Method for PHEV Vehicles", IP.com No. 000241445, Apr. 28, 2015.
(Continued)
Primary Examiner — David Muller
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(57) **CLAIM**
The ornamental design for a pressure vessel, as shown.
DESCRIPTION

FIG. 1 is a top perspective view of the pressure vessel;
FIG. 2 is a left side elevation view thereof;
FIG. 3 is a right side elevation view 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;
FIG. 7 is a bottom plan view thereof;
FIG. 8 is a bottom perspective view thereof; and,
FIG. 9 is a rear perspective view thereof.
The broken line showing of parts of the drawings is included for the purpose of illustrating use and environment and forms no part of the claimed design.

1 Claim, 8 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

5,637,104	A *	6/1997	Ball	A61M 1/0001	CN	203836316	U	9/2014
				220/296	CN	203925571	U	11/2014
5,645,540	A *	7/1997	Henniges	A61M 1/02	CN	203926765	U	11/2014
				604/118	CN	104235586	A	12/2014
5,881,926	A	3/1999	Ross		CN	204061366	U	12/2014
D420,744	S *	2/2000	Ostgaard	D24/224	CN	204096239	U	1/2015
6,358,232	B1 *	3/2002	Hand	A61M 1/0005	CN	204115048	U	1/2015
				141/329	CN	204174183	U	2/2015
6,443,978	B1	9/2002	Zharov		CN	204178907	U	2/2015
D510,769	S *	10/2005	Bublewitz	D24/224	CN	204225842	U	3/2015
7,395,755	B1	7/2008	Deese		CN	104571171	A	4/2015
D690,826	S *	10/2013	Kuroda	D24/224	CN	104594452	A	5/2015
8,991,418	B2	3/2015	Lin		CN	204319475	U	5/2015
D731,672	S *	6/2015	Kuroda	D24/224	CN	204325755	U	5/2015
D735,880	S *	8/2015	Bargh	D24/224	CN	204340819	U	5/2015
2004/0020368	A1	2/2004	Cai		CN	204345009	U	5/2015
2009/0264837	A1	10/2009	Adahan		CN	204348664	U	5/2015
2009/0301601	A1	12/2009	Enerson et al.		CN	204378994	U	6/2015
2009/0311776	A1	12/2009	Kelly et al.		CN	204416587	U	6/2015
2010/0044379	A1	2/2010	Asterlin et al.		CN	204465091	U	7/2015
2013/0315780	A1	11/2013	Cook et al.		CN	204468915	U	7/2015
2014/0165984	A1	6/2014	Colby		DE	204474360	U	7/2015
2014/0166439	A1	6/2014	Hughes		DE	204476682	U	7/2015
2014/0209538	A1 *	7/2014	Nahmani	B01D 63/00	DE	204514387	U	7/2015
				210/650	DE	3341600	A1	5/1984
2014/0224770	A1	8/2014	Hensberger et al.		DE	8337223U1	U1	9/1984
2014/0231442	A1	8/2014	Hill et al.		DE	3445446	A1	7/1985
2014/0284913	A1 *	9/2014	Diehl	F16L 35/00	DE	3407787	A1	9/1985
				285/1	DE	3807188	A1	11/1988
2014/0299536	A1 *	10/2014	Baba	B01D 29/114	DE	102014000616	A1	7/2015
				210/444	EP	0359995	A2	3/1990
2014/0339223	A1	11/2014	Backaert et al.		GB	186605	A	1/1923
2015/0090339	A1	4/2015	Spexarth et al.		GB	786872	A	11/1957
2016/0228870	A1	8/2016	Clark et al.		GB	1283273	A	7/1972
					GB	2516252	A	1/2015
					IN	1474/CHE/2015	A	4/2015
					JP	51-24670	U	2/1976
					JP	2007303553	A	11/2007
					JP	2014-226556	A	12/2014
					KR	101429592	B1	8/2014
					WO	2008079109	A1	7/2008
					WO	2015036137	A2	3/2015
					WO	2015109639	A1	7/2015

FOREIGN PATENT DOCUMENTS

CN	103759136	A	4/2014
CN	203515652	U	4/2014
CN	203560190	U	4/2014
CN	203641606	U	6/2014
CN	203670939	U	6/2014
CN	103940290	A	7/2014
CN	203680125	U	7/2014
CN	203742648	U	7/2014
CN	103965396	A	8/2014
CN	103979489	A	8/2014
CN	104003391	A	8/2014
CN	104051966	A	9/2014
CN	104056584	A	9/2014
CN	203809033	U	9/2014

OTHER PUBLICATIONS

“Stirred Ultrafiltration Cells” User Guide dated Oct. 2004.
 European communication dated Jun. 13, 2016 in co-pending European patent application No. 16155180.9.
 Japanese communication, with English translation, dated Feb. 28, 2017 in co-pending Japanese patent application No. 2016-024045.
 Office action dated May 18, 2017 in co-pending U.S. Appl. No. 14/994,402.

* cited by examiner

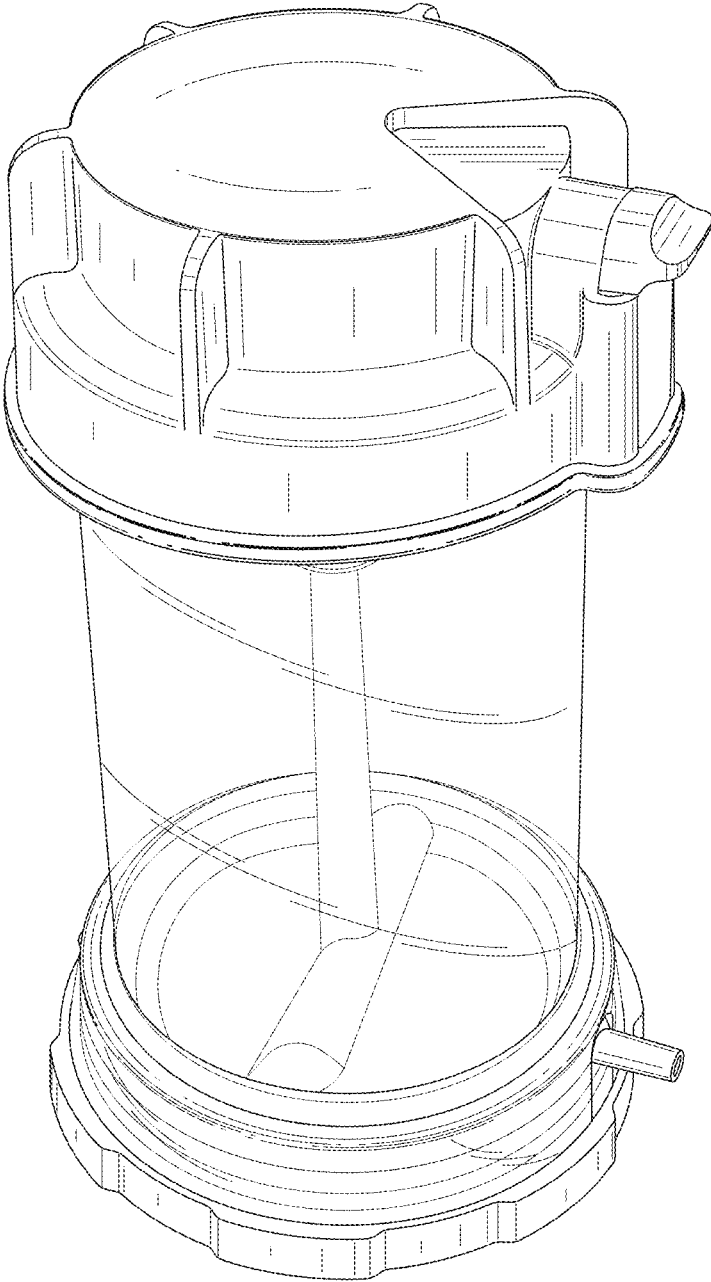


FIG. 1

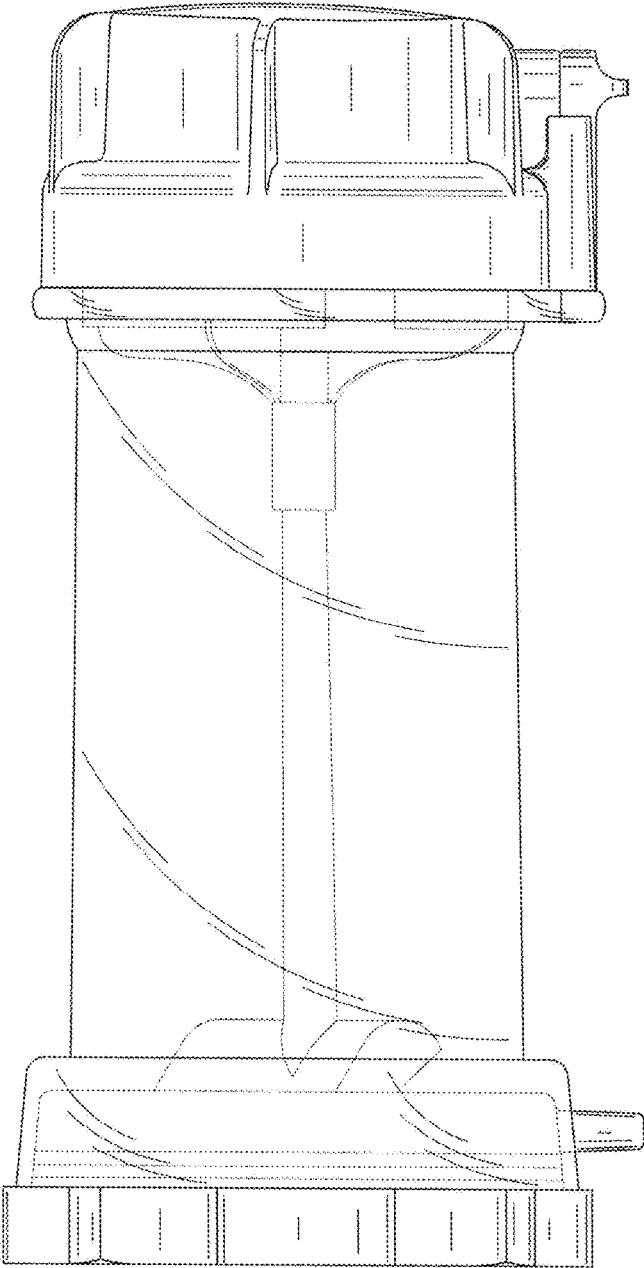


FIG. 2

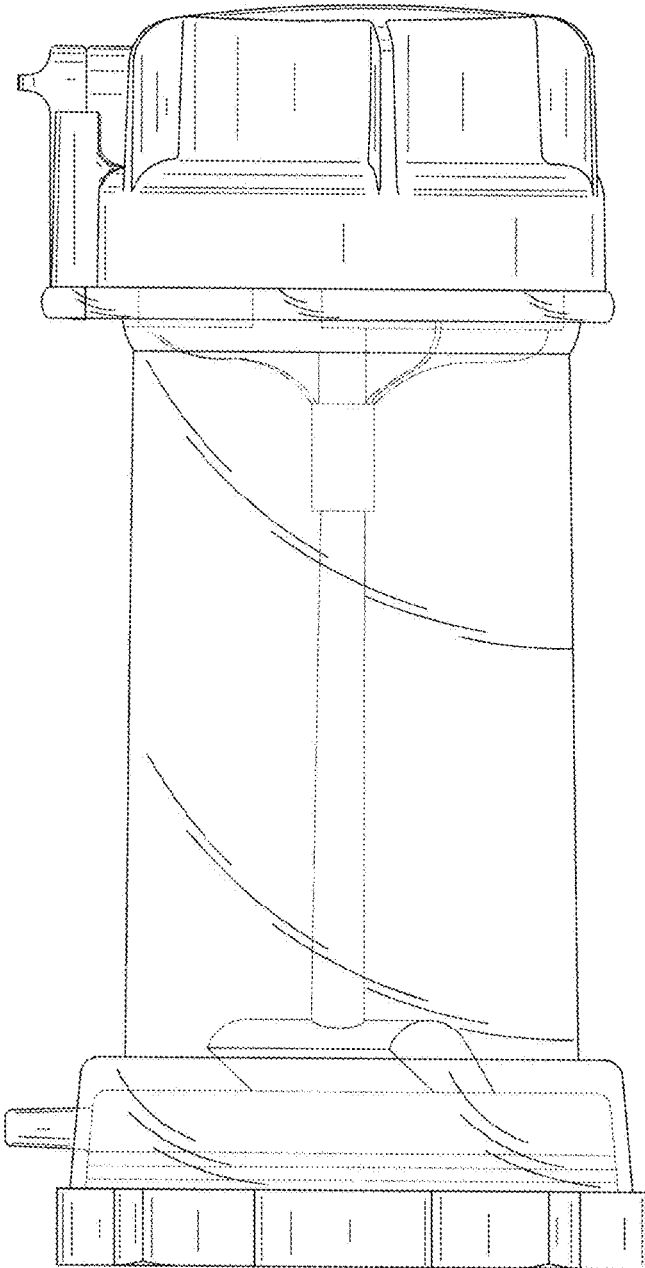


FIG. 3

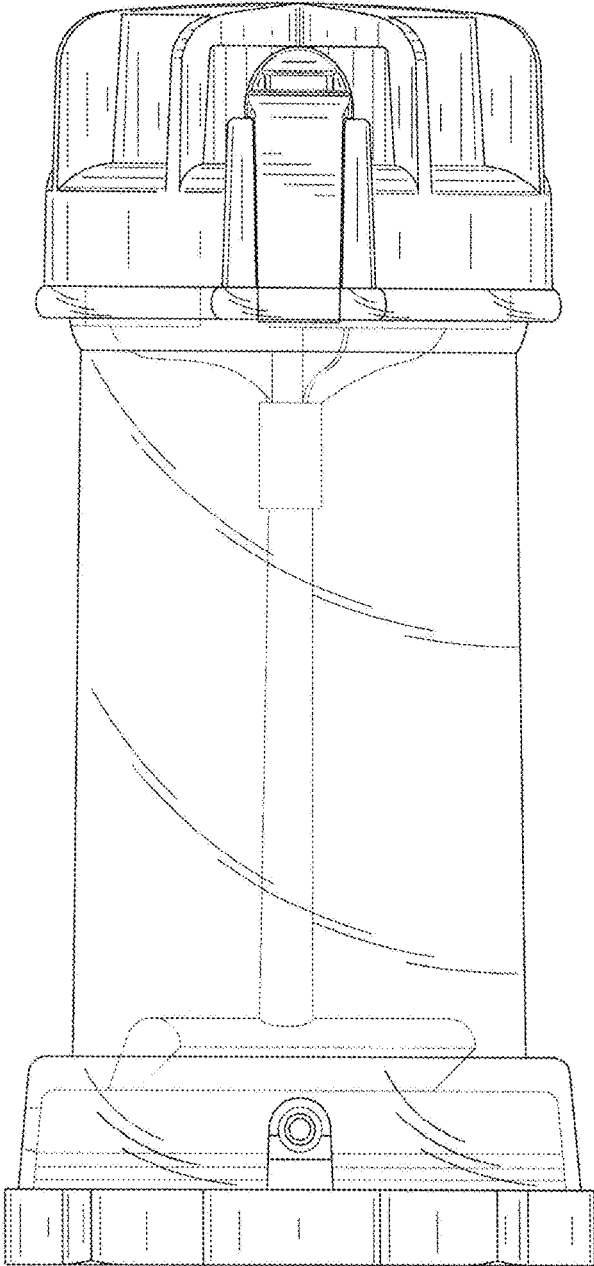


FIG. 4

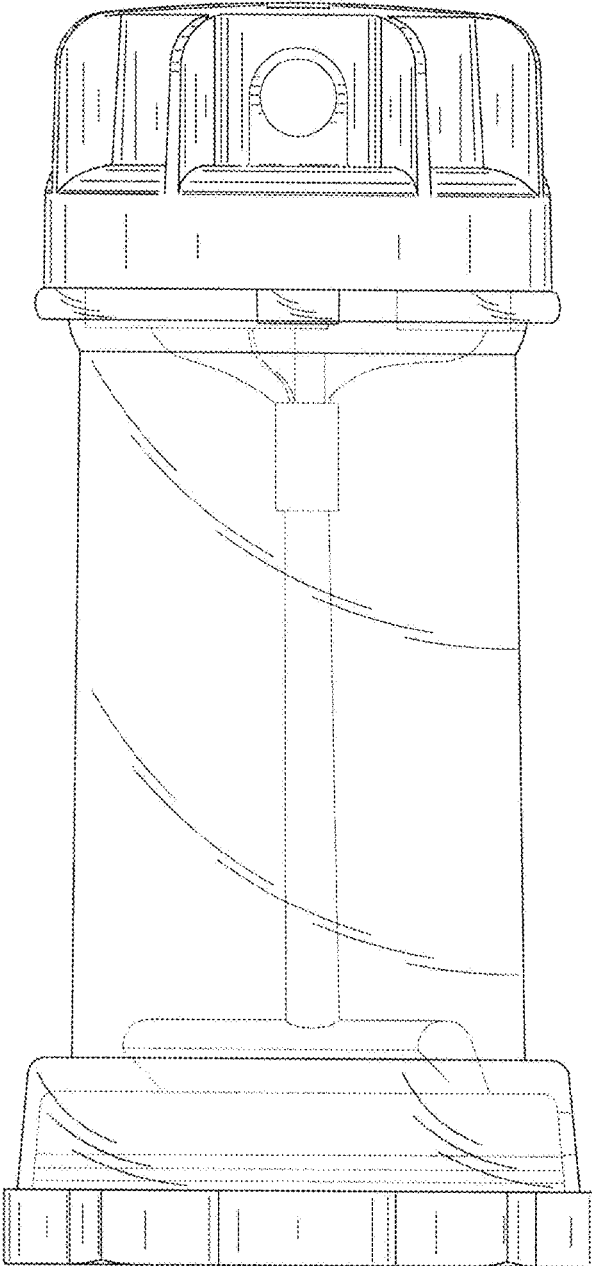


FIG. 5

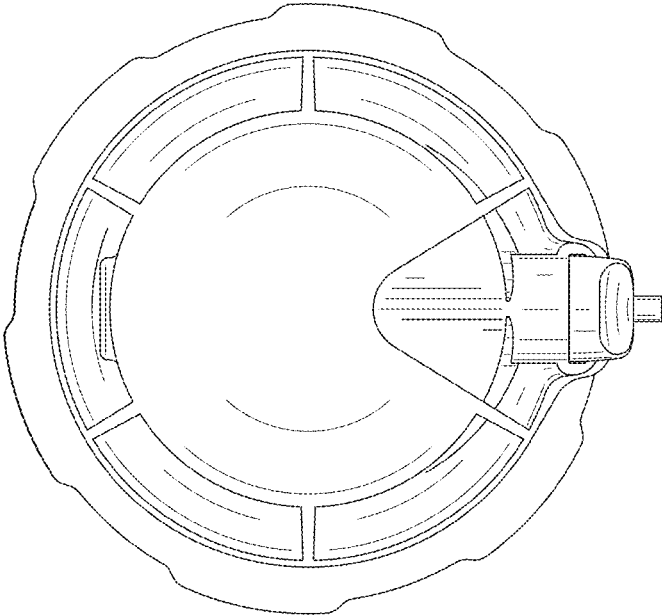


FIG. 6

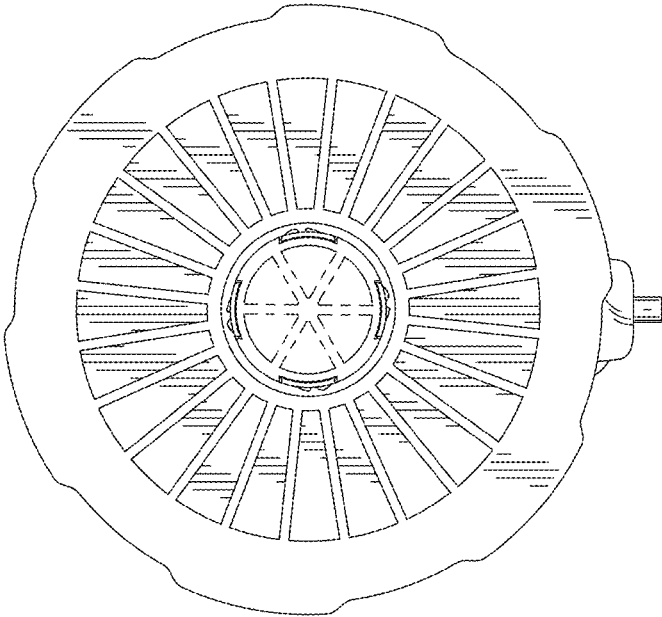


FIG. 7

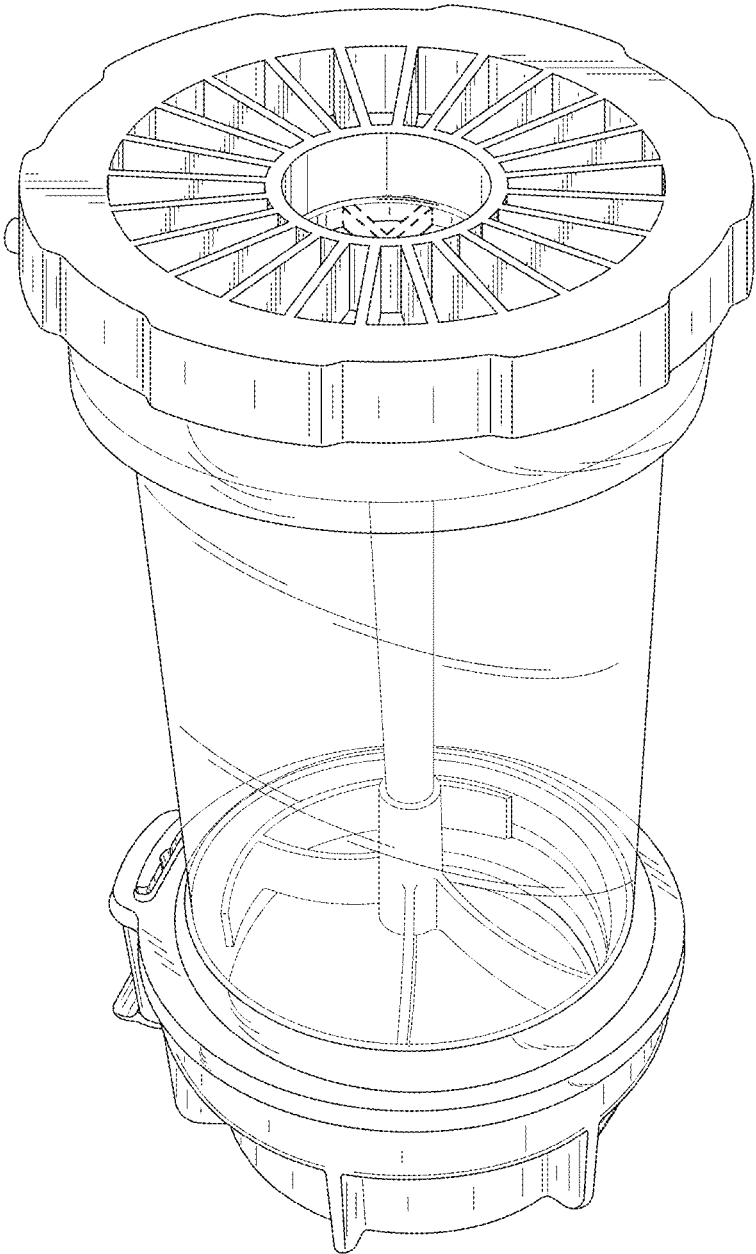


FIG. 8

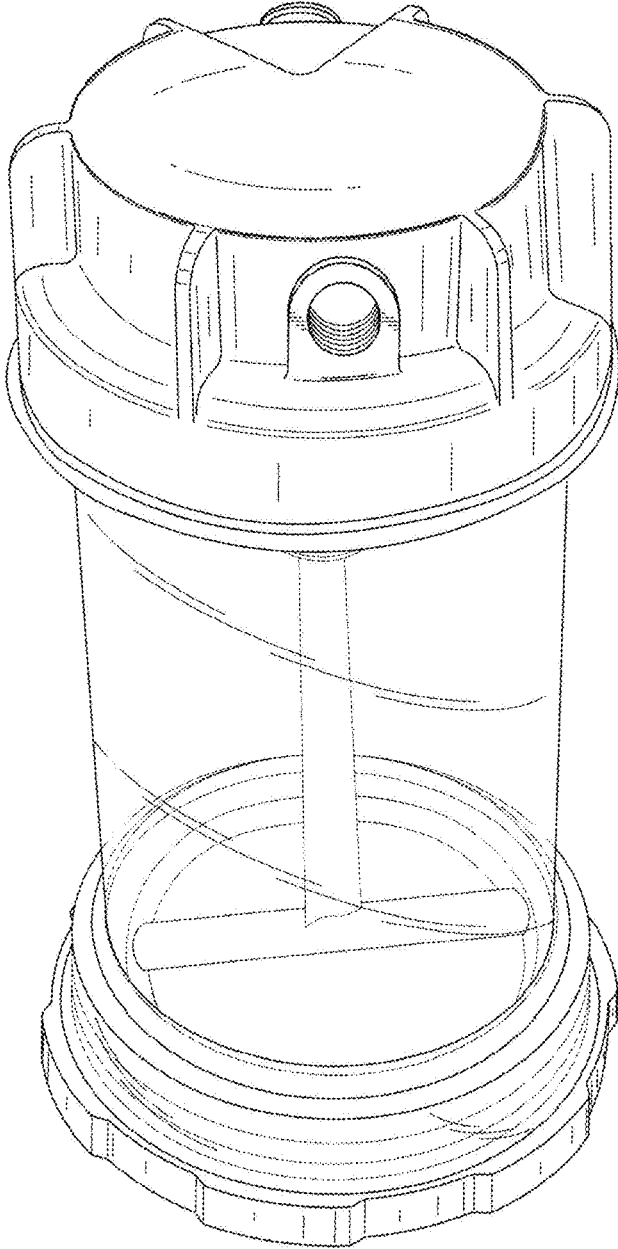


FIG. 9