

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT6642384

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST (REEL/FRAME 038465/0008)
CONVEYING PARTY DATA	
Name	Execution Date
CREDIT SUISSE AG, CAYMAN ISLANDS BRANCH, AS COLLATERAL AGENT	04/01/2021
RECEIVING PARTY DATA	
Name:	Neptune-Benson, LLC
Street Address:	210 Sixth Avenue, Suite 3300
City:	PITTSBURGH
State/Country:	PENNSYLVANIA
Postal Code:	15222
PROPERTY NUMBERS Total: 11	
Property Type	Number
Patent Number:	7282142
Patent Number:	8038879
Patent Number:	9149742
Patent Number:	9127896
Application Number:	13943323
Application Number:	14229775
Application Number:	14830956
Application Number:	14830994
Application Number:	14799202
Application Number:	15050934
Application Number:	15050985
CORRESPONDENCE DATA	
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PATENT

ATTORNEY DOCKET NUMBER:	1350794 PAT REL 3
NAME OF SUBMITTER:	DAPHNE XU
SIGNATURE:	/Daphne Xu/
DATE SIGNED:	04/06/2021

Total Attachments: 54

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RELEASE OF SECURITY INTEREST IN PATENTS

This **RELEASE OF SECURITY INTEREST IN PATENTS**, dated as of April 1, 2021, is made by **CREDIT SUISSE AG, CAYMAN ISLANDS BRANCH**, as Collateral Agent (in such capacity, together with its successors and assigns in such capacity, "Agent"), in favor of **EWT HOLDINGS III CORP.** (f/k/a WTG Holdings III Corp.), a Delaware corporation, **EWT HOLDINGS II CORP.** (f/k/a WTG Holdings II Corp.), a Delaware corporation, **EVOQUA TREATED WATER OUTSOURCING LLC** (f/k/a Siemens Treated Water Outsourcing Corp.), a Delaware limited liability company, **EVOQUA WATER TECHNOLOGIES LLC** (f/k/a Siemens Water Technologies LLC), a Delaware limited liability company and **NEPTUNE BENSON, INC.**, a Delaware corporation (together with EWT Holdings III Corp., EWT Holdings II Corp., Evoqua Treated Water Outsourcing LLC and Evoqua Water Technologies LLC, each, a "Grantor" and, collectively, the "Grantors").

WHEREAS, pursuant to that certain (i) First Lien Credit Agreement, dated as of January 15, 2014 (as amended, amended and restated, extended, supplemented or otherwise modified from time to time, the "Credit Agreement"), among EWT Holdings III Corp. (f/k/a WTG Holdings III Corp.), a Delaware corporation (the "Borrower"), EWT Holdings II Corp. (f/k/a WTG Holdings II Corp.), a Delaware corporation ("Holdings"), the Lenders from the time to time party thereto, Credit Suisse AG, Cayman Islands Branch, as Administrative Agent and Collateral Agent and the L/C Issuers referred to therein, (ii) First Lien Security Agreement, dated as of January 15, 2014 (as amended, amended and restated, extended, supplemented or otherwise modified from time to time, the "Security Agreement"), among the grantors party thereto and Credit Suisse AG as Collateral Agent and (iii) Intellectual Property Security Agreement, dated as of January 15, 2014 (as amended, amended and restated, extended, supplemented or otherwise modified from time to time, the "IP Security Agreement") among the grantors party thereto and Credit Suisse AG, as Collateral Agent, the Grantors granted to the Agent, for the benefit of the Secured Parties, a security interest in the Grantors' right, title and interest in and to certain patents and patent applications identified in Schedule A attached hereto (such scheduled patents and patent applications, the "Patents");

WHEREAS, the Grantor has requested that the Agent release and reassign its interest in the Patents to the Grantor.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, the Agent hereby agrees as follows:

The Agent, on behalf of the Secured Parties, hereby:

1. Discharges, and releases the lien on and security interest in and to the Patents and/or any goodwill associated with the Patents, without recourse or representation or warranty, express or implied of any kind;
2. Reassigns to the Grantors any and all liens, security interests, right, title and interest of the Agent pursuant to the Security Agreement in the Patents, without recourse or representation or warranty, express or implied, of any kind; and
3. Authorizes and requests that the United States Patent and Trademark Office note and record the existence of the release hereby given.
4. This release shall be governed by, and construed in accordance with, the laws of the State of New York. This release may be executed in counterparts (and by different parties hereto in different counterparts), each of which shall constitute an original, but all of which when taken together shall constitute a single contract. Delivery of an executed counterpart of a signature page of this release by telecopier or other electronic transmission (PDF or TIFF format) shall be effective as delivery of a manually executed counterpart of this release. Any signature to this release may be delivered by facsimile, electronic mail (including pdf) or any electronic signature complying with the U.S. federal E-SIGN Act of 2000 or the

New York Electronic Signature and Records Act or other transmission method and any counterpart so delivered shall be deemed to have been duly and validly delivered and be valid and effective for all purposes to the fullest extent permitted by applicable law. Each of the parties hereto represents and warrants to the other parties hereto that it has the corporate capacity and authority to execute this release through electronic means and there are no restrictions for doing so in such party's constitutive documents.

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Executed as of the date above first written.

**CREDIT SUISSE AG, CAYMAN ISLANDS
BRANCH, as Collateral Agent**

By: 
Name: William O'Daly
Title: Authorized Signatory

By: 
Name: D. Andrew Maletta
Title: Authorized Signatory

SCHEDULE A
PATENTS AND PATENT APPLICATIONS

1. PATENTS AND PATENT APPLICATIONS
(REEL/FRAME 032126/0487)

Grantor: Siemens Water Technologies LLC (REEL/FRAME 032126/0487)							
	Patent Title	Country	Application Date	Application No.	Publication No.	Issue Date	Patent No.
1.	Biomass Growth Control Apparatus for Fluid Bed Biological Reactor	US	2/14/1994	08/195397		11/2/1999	5976365
2.	Bed Height Sensing Device for Biological Reactor	US	5/5/1994	08/238383		10/3/1995	5454938
3.	Batch Type Sludge Drier	US	7/13/1994	08/256638		10/10/1995	5456022
4.	Sludge Flight Support Rail Assembly	US	7/1/1994	08/269879		11/21/1995	5468391
5.	Fibre Monitoring System	US	10/27/1993	08/338582		6/29/1999	5918264
6.	Method and Apparatus for Recycling Oil-Soaked Boom and Pads	US	1/6/1995	08/369883		10/29/1996	5569331
7.	Hollow Fiber Membranes	US	1/26/1995	08/378523		12/16/1997	5698101
8.	Traveling Bridge Filter System and Associated Underdrain	US	1/27/1995	08/379112		9/10/1996	5554281
9.	Method and Apparatus for Storing and Handling Waste Water Slurries	US	2/8/1995	08/385588		10/17/1995	5458414
10.	Method for Sealing a Traveling Bridge Filter Backwash Shoe	US	2/27/1995	08/395082		8/13/1996	5545334
11.	Clarifier	US	3/7/1995	08/399761		1/14/1997	5593589
12.	Air Assist Discharge of Filter Press Cake	US	3/27/1995	08/406939		10/22/1996	5567327
13.	Polarity Reversal and Double Reversal Electrodeionization Apparatus and Method	US	5/9/1995	08/437624		9/24/1996	5558753
14.	Method for Sealing a Traveling Bridge Filter Backwash Shoe	US	6/9/1995	08/488837		2/4/1997	5599459
15.	Polarity Reversal and Double Reversal Electrodeionization Apparatus and Method	US	8/18/1995	08/517075		4/7/1998	5736023
16.	Wear Strip Assembly for Use In a Waste Water Treatment Facility	US	9/18/1995	08/530679		4/15/1997	5620601
17.	Filter Press with Weight-Responsive Bumping of Filter Plates	US	10/20/1995	08/546107		10/7/1997	5674384

Grantor: Siemens Water Technologies LLC (REEL/FRAME 032126/0487)							
	Patent Title	Country	Application Date	Application No.	Publication No.	Issue Date	Patent No.
18.	thermophilic Aerobic Waste Treatment Process	US	11/20/1995	08/560160		8/12/1997	5656155
19.	Dual Velocity Strainer	US	12/29/1995	08/580812		8/19/1997	5658459
20.	Water Purification Cartridge Assembly with Unidirectional Flow Through Filter Media	US	2/9/1996	08/598818		8/25/1998	5798040
21.	Modular Filter System and Method of Assembly	US	2/9/1996	08/599259		4/20/1999	5895570
22.	Coulometric Analysis	US	11/8/1994	08/640851		9/28/1999	5958779
23.	Backflow Prevention System for Media Bed Reactor	US	6/3/1996	08/656705		6/16/1998	5766491
24.	Motorless Mixer	US	5/30/1996	08/657655		10/13/1998	5820256
25.	Diaphragm Pump Including Improved Drive Mechanism and Pump Head	US	6/14/1996	08/663807		9/28/1999	5957669
26.	Control Method for Backwash Water Volume	US	9/20/1996	08/717100		6/2/1998	5759412
27.	Electrodeionization Apparatus and Method	US	9/23/1996	08/717781		2/9/1999	5868915
28.	Air Scour/Backwash Apparatus for Celless Traveling Bridge Filter	US	10/4/1996	08/726470		7/25/2000	6093329
29.	Electrodeionization Apparatus and Method	US	11/12/1996	08/747505		1/12/1999	5858191
30.	Method and System for Continuously Monitoring and Controlling a Process Stream for Dechlorination Residual	US	11/18/1996	08/749413		2/9/1999	5869342
31.	Wear Strip Assembly for Use In a Waste Water Treatment Facility	US	11/26/1996	08/756838		3/23/1999	5885458
32.	Odor Control System	US	2/3/1997	08/794558		3/2/1999	5876662
33.	Cleaning of Hollow Fibre Membranes	US	9/8/1995	08/809679		12/12/2000	6159373
34.	Odor Control System	US	4/11/1997	08/827848		1/16/2001	6174498
35.	Process and Apparatus for Treating Waste	US	5/6/1997	08/851645		4/11/2000	6047768
36.	Sealing Shoe for Celless Traveling Bridge Filter	US	5/6/1997	08/852029		8/11/1998	5792359
37.	Apparatus for Generating Bromine	US	6/12/1997	08/873814		2/9/1999	5868911

Grantor: Siemens Water Technologies LLC (REEL/FRAME 032126/0487)							
	Patent Title	Country	Application Date	Application No.	Publication No.	Issue Date	Patent No.
38.	Modular Filtering System	US	6/30/1997	08/885658		12/24/2002	6497817
39.	Filter Press	US	8/7/1997	08/908171		1/5/1999	5855778
40.	Filtration Monitoring and Control System	US	3/15/1996	08/913901		6/20/2000	6077435
41.	Floating Mixer	US	8/28/1997	08/924074		12/22/1998	5851066
42.	Composting System	US	11/3/1997	08/962710		5/25/1999	5906436
43.	Apparatus and Method for Installation of a Fluid Dispenser In Wastewater	US	11/17/1997	08/971589		10/3/2000	6126361
44.	Bromide Removal	US	11/3/1997	08/973078		8/6/2002	6428677
45.	Low Capacity Chlorine Gas Feed System	US	6/14/1996	08/981242		8/22/2000	6105598
46.	Method and System for Removing Solutes From a Fluid Using Magnetically Conditioned Coagulation	US	12/17/1997	08/992147		8/8/2000	6099738
47.	Process for Removing Strong Oxidizing Agents From Liquids	US	4/24/1998	09/066239		12/11/2001	6328896
48.	Removing Metal Ions From Wastewater	US	7/10/1998	09/113981		11/13/2001	6315906
49.	Ion Exchange Removal of Metal Ions In Wastewater	US	7/10/1998	09/113982		2/12/2002	6346195
50.	Filter Press with Alternating Diaphragm Squeeze Chamber Plates and Filtration Chamber Plates	US	8/3/1998	09/128190		1/30/2001	6180002
51.	Calcium Hypochlorite Feeder	US	8/19/1998	09/136858		4/4/2000	6045706
52.	Gas-Scrubbed Hollow Fiber Membrane Module	US	12/8/1998	09/208294		12/5/2000	6156200
53.	Flow Control Sensor and Method for Filling of a Filter Press	US	1/8/1999	09/228012		10/17/2000	6132176
54.	Electrodeionization Apparatus and Method	US	1/29/1999	09/240420		9/4/2001	6284124
55.	Process for Generating Bromine Compound	US	2/9/1999	09/246329		12/26/2000	6165343
56.	Process and Apparatus for Treating Waste	US	2/23/1999	09/256595		3/27/2001	6206091

Grantor: Siemens Water Technologies LLC (REEL/FRAME 032126/0487)							
	Patent Title	Country	Application Date	Application No.	Publication No.	Issue Date	Patent No.
57.	Air and Water Purification Using Continuous Breakpoint Halogenation	US	3/2/1999	09/260809		11/7/2000	6143184
58.	Air and Water Purification Using Continuous Breakpoint Halogenation and Peroxygenation	US	3/2/1999	09/260810		11/21/2000	6149819
59.	Improved Microporous Membrane Filtration Assembly	US	12/9/1997	09/283690		7/3/2001	6254773
60.	Anode formulation and Methods of Manufacture	US	4/8/1999	09/288494		4/17/2001	6217729
61.	Diaphragm Pump Including Improved Drive Mechanism and Pump Head	US	5/3/1999	09/304127		5/30/2000	6068450
62.	Scouring Method	US	12/18/1997	09/336059		4/29/2003	6555005
63.	Method of Inhibiting Scale formation	US	8/19/1999	09/378232		11/14/2000	6146538
64.	Predicting Logarithmic Reduction Values	US	5/26/1998	09/386899		3/20/2001	6202475
65.	Apparatus and Method for Sanitizing and Cleaning a Filter System	US	11/12/1999	09/438214		1/29/2002	6342163
66.	Method and System for Continuously Monitoring and Controlling a Process Stream	US	1/3/2000	09/476556		10/29/2002	6472223
67.	Method and Apparatus for Microfiltration	US	1/7/2000	09/478839		8/7/2001	6270671
68.	Low Capacity Chlorine Gas Feed System	US	2/17/2000	09/506154		7/24/2001	6263900
69.	Method and Apparatus for Evaluating a Membrane	US	2/25/2000	09/513414		5/27/2003	6568282
70.	Continuous Electrodeionization Apparatus and Method	US	4/14/2000	09/549011		11/6/2001	6312577
71.	Low Capacity Chlorine Gas Feed System	US	5/11/2000	09/569157		10/30/2001	6308724
72.	Dynamic Optimization of Chemical Additives In a Water Treatment System	US	6/22/2000	09/603765		7/16/2002	6419817
73.	Dual Diffuser Assembly	US	3/2/1999	09/622384		6/12/2001	6244574
74.	Oxidation Resistant Granular Activated Carbon	US	8/17/2000	09/641222		7/30/2002	6425941

Grantor: Siemens Water Technologies LLC (REEL/FRAME 032126/0487)							
	Patent Title	Country	Application Date	Application No.	Publication No.	Issue Date	Patent No.
75.	Enhanced Time-Based Proportional Control	US	8/29/2000	09/650456		4/6/2004	6716359
76.	Air and Water Purification Using Continuous Breakpoint Halogenation	US	11/6/2000	09/707421		7/23/2002	6423234
77.	Apparatus and Method for Venting Hydrogen From an Electrolytic Cell	US	12/20/2000	09/741936	2002-108865	10/22/2002	6468412
78.	Bracket for Use In Securing Collector Flight Support Tracks In a Wastewater Treatment Tank	US	1/3/2001	09/753938	2003-083677	4/15/2003	6546685
79.	Ph Stable Ativated Carbon	US	2/6/2001	09/777603		9/20/2005	6946077
80.	Electrode Coating and Method of Use and Preparation thereof	US	2/6/2001	09/778445	2001-0148736	6/3/2003	6572758
81.	System for Optimized Control of Multiple Oxidizer Feedstreams	US	2/9/2001	09/780198	2002-0152036	9/16/2003	6620315
82.	Waste Treatment with Control Over Biological Solids	US	3/2/2001	09/798313	2003-0173292	12/9/2003	6660163
83.	Apparatus and Method for Cleaning Membrane Filtration Modules	US	9/24/1999	09/815966	2002-047962	2/25/2003	6524481
84.	Electrodeionization Apparatus with Expanded Conductive Mesh Electrode and Method	US	4/25/2001	09/842414	2002-079992	8/19/2003	6607647
85.	Electrodeionization Apparatus and Method	US	5/29/2001	09/867786	2002-0189951	11/18/2003	6649037
86.	Electrodeionization Apparatus and Method	US	6/5/2001	09/875313	2002-0011413	2/4/2003	6514398
87.	Method and Apparatus for Microfiltration	US	7/12/2001	09/904796	2002-046974	8/27/2002	6440310
88.	Sludge Collector with Entrapment Plate	US	7/24/2001	09/912268	2003-0019810	3/25/2003	6536606
89.	Diffuser Assembly	US	8/31/1999	09/914666		10/15/2002	6464211
90.	Calcium Hypochlorite of Reduced Reactivity	US	8/9/2001	09/927430	2003-0038277	8/17/2004	6776926
91.	Fluid Distribution Device	US	8/20/2001	09/933973	2003-0034067	7/20/2004	6763846
92.	Apparatus and Method for Sanitizing and Cleaning a Filter System	US	8/22/2001	09/935381	2001-0052503	7/16/2002	6419823

Grantor: Siemens Water Technologies LLC (REEL/FRAME 032126/0487)							
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93.	Process for Treating Bod-Containing Wastewater	US	8/29/2001	09/941535	2003-042199	7/15/2003	6592762
94.	Treated Ion Exchange Resin and Method for Treatment thereof	US	9/6/2001	09/947935	2003-0050350	2/17/2004	6693139
95.	Corrosion Control Utilizing a Hydrogen Peroxide Donor	US	12/10/2001	10/013879		11/11/2003	6645400
96.	Activated Carbon for Odor Control and Method for Making Same	US	12/11/2001	10/014848	2002-0082168	2/22/2005	6858192
97.	Ion Exchange Removal of Metal Ions From Wastewater	US	12/13/2001	10/017077	2002-0104803	11/16/2004	6818129
98.	Systems and Methods for Polymer Addition Control for Water Treatment	US	12/19/2001	10/025371	2003-0111421	2/1/2005	6849190
99.	Scouring Method	US	1/7/2002	10/042128	2002-0195390	11/29/2005	6969465
100.	Flocculating Energy Dissipating Well Arrangement (Fedwa)	US	1/22/2002	10/054378	2003-0136730	5/18/2004	6736275
101.	Enhanced Air and Water Purification Using Continuous Breakpoint Halogenation with Free Oxygen Radicals	US	2/26/2002	10/083315	2003-0160005	9/19/2006	7108781
102.	Method of Optimized Control of Multiple Oxidizer Feedstreams	US	3/15/2002	10/098817	2002-153325	9/23/2003	6623647
103.	Electrodeionization Apparatus with Resilient Endblock	US	4/11/2002	10/121133	2003-0192783	7/6/2004	6758954
104.	Hollow Fibre Restraining System	US	4/6/2001	10/268600	2003-0089659	8/31/2004	6783008
105.	Mixing System Configured with Surface Mixing	US	10/11/2002	10/270097		11/23/2004	6821011
106.	Apparatus for Fluid Purification and Methods of Manufacture and Use thereof	US	10/15/2002	10/272356	2003-0089609	8/11/2009	7572359
107.	Production of Water for Injection Using Reverse Osmosis	US	10/23/2002	10/278714	2004-079700	3/10/2009	7501061
108.	Method of Cleaning Membranes	US	11/15/2002	10/298471	2004-000520	10/18/2005	6955762

Grantor: Siemens Water Technologies LLC (REEL/FRAME 032126/0487)							
	Patent Title	Country	Application Date	Application No.	Publication No.	Issue Date	Patent No.
109.	Apparatus and Method for Cleaning Membrane Filtration Modules	US	11/21/2002	10/303447	2003-0075504	11/4/2003	6641733
110.	Improved Membrane Filtration System	US	4/2/2003	10/406807	2003-0234221	3/29/2005	6872305
111.	Apparatus and Method for Cleaning Membrane Filtration Modules	US	5/1/2003	10/428601	2003-0205519	11/23/2004	6821420
112.	Modified Membranes	US	11/9/2001	10/437202	2004-0035782	4/26/2005	6884350
113.	Chlorine Dioxide Generation Systems	US	6/9/2003	10/457335	2003-0229422	3/17/2009	7504074
114.	Backwash Method	US	10/10/2003	10/530900	2006-0000774	5/10/2011	7938966
115.	Mixing Chamber	US	12/5/2003	10/537760	2007-0007214	2/12/2013	8372282
116.	Membrane Post Treatment	US	7/8/2004	10/564024	06-0157404	2/16/2010	7662212
117.	Backwash	US	8/27/2004	10/569565	2007-0007205	9/18/2012	8268176
118.	Module Cleaning Method	US	11/12/2004	10/595841	2007-0075021		
119.	Process and Apparatus for Purifying Impure Water Using Microfiltration Or Ultrafiltration In Combination with Reverse Osmosis	US	3/24/2005	10/599350	2007-0181496		
120.	Waste Treatment with Control Over Biological Solids	US	9/9/2003	10/658575	2004-0045898	12/21/2004	6833074
121.	Potting Method	US	4/4/2002	10/676458	2005-0087898	12/13/2005	6974554
122.	Electrodeionization Apparatus and Method	US	10/27/2003	10/695152	2004-0089551	11/30/2004	6824662
123.	Methods and Apparatus for Reducing Nitrate Demands In the Reduction of Dissolved and/Or Atmospheric Sulfides In Wastewater	US	11/4/2003	10/700381	2004-0173525	8/8/2006	7087172
124.	Water Treatment System and Method	US	11/13/2003	10/712162	2005-0103723	1/4/2011	7862700
125.	Water Treatment System and Method	US	11/13/2003	10/712163	2005-0103644	7/21/2009	7563351
126.	Water Treatment Systems and Method	US	11/13/2003	10/712166	2005-0103622	2/19/2013	8377279
127.	Water Treatment System and Method	US	11/13/2003	10/712250	2005-0103630	10/20/2009	7604725
128.	Water Treatment System and Method	US	11/13/2003	10/712674	2005-0103724	9/1/2009	7582198
129.	Water Treatment System and Method	US	11/13/2003	10/712685	2005-0103631	12/7/2010	7846340

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130.	Water Treatment System and Method	US	11/13/2003	10/712248		8/1/2006	7083733
131.	Membrane Filtration Manifold System	US	11/20/2003	10/718756	2004-0238431	9/4/2007	7264716
132.	Activated Carbon for Odor Control and Method for Making Same	US	12/5/2003	10/729274	2004-0112214	9/5/2006	7101417
133.	Membrane Polymer Compositions	US	6/14/2002	10/738628	2004-0191894	6/5/2007	7226541
134.	Wastewater Treatment Control	US	12/23/2003	10/745446		4/24/2007	7208090
135.	High Solids Module	US	3/16/2004	10/802691		3/28/2006	7018533
136.	Apparatus and Method for Cleaning Membrane Filtration Modules	US	4/8/2004	10/822036	2004-0188341	1/11/2005	6841070
137.	Electrodeionization Device and Methods of Use	US	5/13/2004	10/845782	2005-0016932	12/12/2006	7147785
138.	Water Treatment Process	US	5/27/2004	10/856264	2005-0263457	2/12/2008	7329358
139.	Hollow Fiber Restraining System	US	7/19/2004	10/894191	2004-0262215	11/8/2005	6962258
140.	Modified Membranes	US	7/29/2004	10/903809	2005-0029186	7/29/2008	7404896
141.	Modified Membranes	US	7/30/2004	10/903950	2005-0029185	11/27/2007	7300022
142.	Poly (Ethylene Chlorotrifluoroethylene) Membranes	US	2/12/2003	10/914640	2005-0098494	7/24/2007	7247238
143.	Apparatus and Method for Connecting Water Treatment Devices	US	9/17/2004	10/943782	2005-0087446	2/5/2008	7326325
144.	Method and Apparatus for Conditioning a Sensor for Measuring Oxidation Reduction Potential	US	9/21/2004	10/946512	2006-0060475	9/4/2007	7264709
145.	Enhanced Air and Water Purification Using Continuous Breakpoint Halogenation with Free Oxygen Radicals	US	10/22/2004	10/972122		10/23/2007	7285223
146.	Waste Treatment with Control Over Biological Solids	US	11/10/2004	10/985265	2005-0082223	9/12/2006	7105091
147.	Removing Odoriferous Sulfides From Wastewater	US	11/17/2004	10/991054		10/23/2007	7285217

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148.	Activated Carbon for Odor Control and Method for Making Same	US	12/9/2004	11/008449		4/4/2006	7022269
149.	Method for Fouling Control In Filters	US	12/15/2004	11/012637			
150.	Methods of Minimising the Effect of Integrity Loss In Hollow Fibre Membrane Modules	US	6/17/2003	11/015655	2005-0145556	1/9/2007	7160463
151.	Water Treatment Control Systems and Methods of Use	US	12/21/2004	11/018421	2006-0131245	6/24/2008	7390399
152.	Production of Water for Injection Using Reverse Osmosis	US	1/12/2005	11/033696		5/13/2008	7371319
153.	Hollow Fibre Restraining System	US	2/11/2005	11/056532	2005-0133438	5/29/2007	7223340
154.	Aeration Method	US	8/21/2003	11/060106	2005-0139538	4/22/2008	7361274
155.	Aeration Diffuser Membrane Slitting Pattern	US	2/24/2005	11/065529	2005-0184408	7/17/2007	7243912
156.	Filtration Apparatus Comprising a Membrane Bioreactor and a Treatment Vessel for Digesting Organic Materials	US	4/20/2005	11/110148		6/17/2008	7387723
157.	Removal System for Membranes In a Membrane Filtration System	US	5/27/2005	11/139732	2006-0021929	10/16/2007	7282146
158.	System for Controlling Sulfide Generation	US	6/9/2005	11/149018	2005-0224409	2/5/2008	7326340
159.	Process To Enhance Phosphorus Removal for Activated Sludge Wastewater Treatment Systems	US	6/30/2005	11/170864	2007-0000836	3/18/2008	7344643
160.	Methods and Apparatus for Reducing Nitrate Demands In the Reduction of Dissolved and/Or Atmospheric Sulfides In Wastewater	US	7/7/2005	11/176018	2005-0242010	10/23/2007	7285207
161.	Apparatus for Reducing Nitrate Demands In the Reduction of Dissolved and/Or Atmospheric Sulfides In Wastewater	US	7/7/2005	11/176764	2005-0242011	11/21/2006	7138049

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162.	System and Method of Slurry Treatment	US	8/2/2005	11/195108	2007-0029260	2/10/2009	7488423
163.	Ph Stable Activated Carbon	US	8/4/2005	11/197109	2005-0269270	11/27/2007	7300586
164.	Potting Method	US	8/5/2005	11/197969	2006-0110486	4/26/2011	7931463
165.	System for Treating Liquids	US	9/13/2005	11/225385	2006-0054553	12/18/2007	7309427
166.	Method for Chlorite Removal	US	10/11/2005	11/247858	2007-0080116	6/10/2008	7384565
167.	Aerated Anoxic Membrane Bioreactor	US	4/11/2006	11/279334	2007-0235385	5/11/2010	7713413
168.	Process To Improve Efficiency of a Membrane Filter Activated Sludge System	US	4/11/2006	11/279354	2007-0235386	1/27/2009	7481933
169.	Wastewater Treatment Control	US	12/13/2005	11/302707		8/19/2008	7413654
170.	Treating Acidic Water	US	12/15/2005	11/303160	2007-0138093	6/26/2012	8206592
171.	Water Treatment System and Method	US	12/19/2005	11/311528	2006-0157422		
172.	Grease and Scum Removal In a Filtration Apparatus Comprising a Membrane Bioreactor and a Treatment Vessel for Digesting Organic Materials	US	12/21/2005	11/314793	2007-0084791	2/12/2008	7329344
173.	Scouring Method	US	12/22/2005	11/316593	2006-0131234	11/1/2011	8048306
174.	Wastewater Treatment System and Method	US	1/25/2006	11/339186	2007-0170112	11/25/2008	7455765
175.	Biological Scrubber Odor Control System and Method	US	2/8/2006	11/350358	2007-0180802	10/2/2007	7276366
176.	Activated Carbon for Odor Control and Method for Making Same	US	3/29/2006	11/392169	2006-0162558	7/10/2007	7241430
177.	Vibratory Mixer	US	4/20/2006	11/407865	2006-0254970	1/27/2009	7481918
178.	Methods and Apparatus for Reducing Nitrate Demands In the Reduction of Dissolved and/Or Atmospheric Sulfides In Wastewater	US	4/24/2006	11/410173	2006-0186040	3/6/2007	7186341
179.	Mixing System for Increased Height Tanks	US	6/22/2006	11/425938	2006-0291326	4/24/2012	8162531
180.	Submerged Cross-Flow Filtration	US	5/26/2006	11/441819	2006-0273007	9/22/2009	7591950

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181.	Water Treatment System and Process	US	6/1/2006	11/444984	2006-0291839	10/25/2011	8045849
182.	Screening of Inert Solids From a Low-Yield Wastewater Treatment Process	US	8/31/2006	11/469009	2007-0051677	8/4/2009	7569147
183.	Electrically-Driven Separation Apparatus	US	6/23/2006	11/474299	2007-0295604	10/26/2010	7820024
184.	Methods of Minimising the Effect of Integrity Loss In Hollow Fibre Membrane Modules	US	7/31/2006	11/496378	2006-0266706	3/18/2008	7344645
185.	Method and System for Providing Potable Water	US	9/20/2006	11/524033	2007-0284251	2/14/2012	8114259
186.	Method and System for Irrigation	US	9/20/2006	11/524078	2007-0284252	10/2/2012	8277627
187.	Method and Apparatus for Desalination	US	9/20/2006	11/524080	2008-0067125	6/29/2010	7744760
188.	Dosing Control System and Method	US	10/2/2006	11/542649	2007-0074758	3/15/2011	7905245
189.	System for Treating Wastewater	US	10/4/2006	11/543006	2007-0075017	7/21/2009	7563363
190.	Method for Treating Liquids	US	10/11/2006	11/546513	2007-0075019	1/1/2008	7314564
191.	Hybrid Diffuser System Headloss Balancing	US	11/29/2006	11/564518	2007-0120276	1/4/2011	7862014
192.	Gas Transfer Membrane	US	6/30/2005	11/571100	2007-0157812	10/26/2010	7819956
193.	Hydrophilic Membranes	US	7/4/2005	11/571101	2008-0058440	9/3/2013	8524794
194.	Reduction of Backwash Liquid Waste	US	9/7/2005	11/574819	2007-0227973		
195.	Methods and Apparatus for Removing Solids From a Membrane Module	US	9/13/2005	11/575234	2008-0053923	8/13/2013	8506806
196.	Continuously Variable Aeration	US	9/15/2005	11/575364	2008-0156745	2/19/2013	8377305
197.	Square Membrane Manifold System	US	8/19/2005	11/660694	2008-0210623	1/4/2011	7862719
198.	Multivalent Metal Ion Management for Low Sludge Processes	US	3/7/2007	11/683162	2007-0209998	1/6/2009	7473364
199.	Poly (Ethylene Chlorotrifluoroethylene) Membranes	US	1/31/2007	11/700625	2007-0216057	12/15/2009	7632439
200.	Membrane Post Treatment	US	12/2/2005	11/720700	2009-0230053	1/11/2011	7867417
201.	Cleaning In Membrane Filtration Systems	US	12/19/2005	11/722411	2011-0114557	7/30/2013	8496828

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202.	Apparatus for Fluid Purification	US	5/1/2007	11/742704	2008-0105548	1/24/2012	8101058
203.	Process To Improve Efficiency of a Membrane Filter Activated Sludge System	US	7/13/2007	11/777587	2008-0041783	3/31/2009	7510655
204.	Gas Treatment Systems and Methods	US	5/2/2007	11/799742	2007-0259416	11/27/2012	8318476
205.	Activated Carbon for Odor Control	US	7/9/2007	11/825843	2008-0006157	7/21/2009	7563311
206.	High Flow Disc Filter	US	8/10/2007	11/836962	2008-0035584		
207.	Continuous Membrane Filtration and Solids Reduction	US	8/23/2007	11/843817	2008-0047895	8/4/2009	7569148
208.	System and Methods for Wastewater Odor Control	US	9/21/2007	11/859421	2008-0041785	6/30/2009	7553420
209.	System for the Treatment of Wastewater	US	10/4/2007	11/867311	2008-0105602	6/23/2009	7550076
210.	Chemical Clean for Membrane Filter	US	4/28/2006	11/912859	2008-0203017		
211.	Water Treatment System	US	11/20/2007	11/943446		1/27/2009	7481929
212.	Process for Enhanced Total Organic Carbon Removal While Maintaining Optimum Membrane Filter Performance	US	10/23/2007	11/975835	2009-0101578	7/23/2013	8491788
213.	Monopersulfate Treatment of Membranes	US	7/14/2006	11/995588	2008-0203018	8/2/2011	7988891
214.	A System and Method for Removing Dissolved Contaminants, Particulate Contaminants, and Oil Contaminants From Industrial Waste Water	US	1/9/2008	12/008209	2008-0210613		
215.	System and Method for Enhancing an Activated Sludge Process	US	1/9/2008	12/008216	2008-0203015	4/13/2010	7695623
216.	Temperature Transfer Filter Plate Assembly	US	1/18/2008	12/009600	2008-0190831	6/15/2010	7736502
217.	Methods of Minimising the Effect of Integrity Loss In Hollow Fibre Membrane Modules	US	1/30/2008	12/022940	2008-0179249	5/22/2012	8182687

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218.	Wastewater Treatment Methods	US	1/30/2008	12/022959		9/21/2010	7799224
219.	Water Treatment Control Systems and Methods of Use	US	3/28/2008	12/058177	2008-0237148	1/11/2011	7867401
220.	Biological Phosphorus Removal	US	8/14/2006	12/063325	2010-0133177	12/14/2010	7850851
221.	Assembly for Water Filtration Using a Tube Manifold To Minimise Backwash	US	8/22/2006	12/064409	2008-0190846		
222.	Dynamic Control of Membrane Bioreactor System	US	10/6/2006	12/089238	2008-0314829	2/2/2010	7655142
223.	Combination Membrane/Biolytic Filtration	US	11/8/2006	12/092755	2008-0290025	5/4/2010	7708887
224.	Reduced Backwash Volume Process	US	12/11/2006	12/096279	2008-0257822		
225.	Method for Treating Wastewater	US	5/9/2008	12/118262	2008-0264855	5/25/2010	7722769
226.	Filtration Method and Apparatus	US	5/30/2008	12/130692	2009-0020475	5/18/2010	7718065
227.	Operating Strategies In Filtration Processes	US	1/12/2007	12/160271	2009-0001018		
228.	Conditioning System for Activated Sludge Wastewater Treatment Processes	US	1/24/2007	12/161846	2009-0078646	8/9/2011	7993522
229.	Method for the Treatment of Wastewater	US	7/1/2008	12/165821	2008-0296221	2/2/2010	7655144
230.	Trash Tolerant Filter Support for a Disc Filter	US	7/15/2008	12/173517	2009-0020483		
231.	Venting Device for a Disc Filter	US	7/15/2008	12/173559	2009-0020484	2/21/2012	8118175
232.	Wastewater Treatment System	US	9/18/2008	12/233195	2009-0026120	5/18/2010	7718057
233.	System and Method for Measuring the Concentration of Magnetic Ballast In a Moving Slurry	US	10/23/2008	12/288825	2010-0101309	1/3/2012	8088284
234.	Ultraviolet Light Activated Oxidation Process for the Reduction of Organic Carbon In Semiconductor Process Water	US	6/5/2007	12/303596	2011-0180485		

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235.	Improved Monopersulfate Treatment of Membranes	US	7/13/2007	12/373649	2010-0000942		
236.	Chlorine Dioxide Generation Systems	US	2/23/2009	12/391154	2009-0263313		
237.	Low Pressure Backwash	US	8/30/2007	12/439209	2009-0255873		
238.	Infiltration/Inflow Control for Membrane Bioreactor	US	10/23/2007	12/447084	2010-0191377	10/23/2012	8293098
239.	Method of Cleaning Membrane Modules	US	5/14/2009	12/466199	2009-0223895	8/20/2013	8512568
240.	Composition for Odor Control	US	5/15/2009	12/466799	2009-0250389	7/5/2011	7972532
241.	Water Treatment System and Method	US	6/2/2009	12/477013	2009-0236235	2/14/2012	8114260
242.	Sequencing Batch Reactor with Continuous Membrane Filtration and Solids Reduction	US	6/9/2009	12/481486	2009-0261027	4/26/2011	7931808
243.	Wastewater Treatment Systems	US	6/30/2009	12/495449	2010-0012558	9/21/2010	7799215
244.	System and Method for Treating Groundwater	US	11/21/2007	12/516013	2013-0006023		
245.	Process for Enhanced Total Organic Carbon Removal While Maintaining Optimum Membrane Filter Performance	US	8/21/2009	12/545584	2009-0308745	7/23/2013	8491794
246.	System and Method for Enhancing a Wastewater Treatment Process	US	9/8/2009	12/584545	2010-0155327	6/25/2013	8470172
247.	Improved Infiltration/Inflow Control for Membrane Bioreactor	US	4/1/2008	12/594323	2010-0326906	11/27/2012	8318028
248.	Membrane Cleaning with Pulsed Airlift Pump	US	5/29/2008	12/602316	2011-0198283	1/7/2014	8622222
249.	On-Demand Intermittent High Purity Water Production System	US	11/2/2009	12/610863	2010-0140095		
250.	Waste Treatment with Control Over Biological Solids	US	12/8/2009	12/633210		6/4/2013	8454830
251.	Method and Apparatus for Desalination	US	12/16/2009	12/639548	2010-0089756	5/22/2012	8182693

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252.	Membrane Post Treatment	US	12/28/2009	12/647734	2010-0213117	11/15/2011	8057574
253.	Method and System for Treating Ballast Water	US	8/14/2008	12/673574	2011-0120956		
254.	Low Energy System and Method of Desalinating Seawater	US	9/22/2008	12/679310	2010-0282689		
255.	Amendment-Free Sludge Composting	US	1/15/2010	12/688589	2010-0184131		
256.	Method and Apparatus for Absorption Spectra Analyser	US	11/21/2008	12/744404	2011-0040494		
257.	Systems and Methods for Water Treatment	US	12/1/2008	12/744785	2011-0162964	11/19/2013	8585882
258.	Chlorine Dioxide Generation Systems and Methods	US	5/28/2010	12/790647	2011-0052480		
259.	Membrane Cleaning with Pulsed Gas Slugs and Global Aeration	US	6/2/2010	12/792307	2010-0300968		
260.	Method of Cleaning Membranes	US	6/11/2010	12/813748	2011-0056522		
261.	Slurry Feed System and Method	US	7/13/2010	12/835322	2012-0012188	4/30/2013	8430112
262.	Process for Enhanced Total Organic Carbon Removal While Maintaining Optimum Membrane Filter Performance	US	10/23/2007	12/843631	2010-0300970	9/24/2013	8540882
263.	Low Power Amperometric Probe	US	1/20/2009	12/864107	2011-0127163	9/3/2013	8524058
264.	Vacuum Actuated Fluid Delivery	US	8/19/2009	12/867221	2011-0067766		
265.	Method for Treating Odor In Wastewater	US	8/30/2010	12/870968	2011-0049061		
266.	Synergistic Wastewater Odor Control Composition, Systems, and Related Methods therefor	US	9/24/2010	12/890050	2011-0233146		
267.	Simultaneous Determination of Chlorine and Chlorate In Sodium Hypochlorite	US	9/29/2010	12/893860	2011-0198239	2/12/2013	8372262
268.	Membrane Cleaning with Pulsed Airlift Pump	US	9/30/2010	12/895156	2011-0100907	10/16/2012	8287743

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269.	Hybrid Aerobic and Anaerobic Wastewater and Sludge Treatment Systems and Methods	US	3/27/2009	12/934927	2011-0089105	1/7/2014	8623213
270.	Low Energy System and Method of Desalinating Seawater	US	4/3/2009	12/935558	2011-0180477		
271.	Water Treatment System and Method	US	11/13/2003	12/950050	2011-0120953		
272.	System and Methods for Nutrient Removal In Biological Treatment Systems	US	12/2/2010	12/958542	2011-0132836		
273.	Water Treatment System and Method	US	12/7/2010	12/962064	2011-0120886		
274.	Charged Porous Polymeric Membranes and their Preparation	US	12/20/2010	12/973508	2011-0147308		
275.	Method and System for Providing Ultrapure Water	US	1/17/2011	13/007932	2011-0210077		
276.	Method for Measuring a Concentration of a Compound In a Liquid Stream	US	1/17/2011	13/007940	2011-0209530		
277.	System for Controlling Introduction of a Reducing Agent To a Liquid Stream	US	1/17/2011	13/007946	2011-0210048		
278.	Actinic Radiation Reactor	US	1/17/2011	13/007949	2011-0210267		
279.	Method of Irradiating a Liquid	US	1/17/2011	13/007953	2011-0210266		
280.	Dosing Control System and Method	US	1/21/2011	13/011012	2011-0168609		
281.	Hybrid Aerobic and Anaerobic Wastewater and Sludge Treatment Systems and Methods	US	2/24/2011	13/034269	2011-0203992		
282.	Chlorine Dioxide Generation Systems and Methods	US	7/27/2009	13/055010	2011-0129388		
283.	Frame System for Membrane Filtration Modules	US	7/29/2009	13/055284	2011-0127209	2/26/2013	8382981
284.	Improved Membrane System Backwash Energy Efficiency	US	8/17/2009	13/059283	2011-0139715		

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285.	Method and System for Biofouling Control of Shipboard Components	US	8/18/2009	13/059357	2011-0139729	11/26/2013	8591740
286.	A Membrane Module	US	4/15/2011	13/087548	2011-0192783	8/27/2013	8518256
287.	Electrochemical Control Systems and Methods	US	4/20/2011	13/090425	2011-0264268		
288.	Apparatus for Fluid Purification and Methods of Manufacture and Use thereof	US	5/5/2011	13/101632	2011-0303544		
289.	Controlled Method of Minimizing Radioactive Sludge Generation In Post Stimulation Flowback and/Or Produced Water Treatment From a Saltwater, Oil and/Or Gas Well	US	8/8/2011	13/204849	2012-0037568		
290.	Membrane Post Treatment	US	8/10/2011	13/206845	2011-0290717	9/11/2012	8262778
291.	Contact-Stabilization/Prime-Float Hybrid	US	8/16/2011	13/210487	2012-0043277		
292.	Fluid Control Manifold for Membrane Filtration System	US	9/22/2011	13/240190	2012-0074053		
293.	Mesoporous Activated Carbon and Methods of Producing Same	US	10/5/2011	13/253155	2012-0085708		
294.	Membrane Cleaning with Pulsed Airlift Pump	US	11/17/2011	13/298575	2012-0061333	2/12/2013	8372276
295.	Electrical Purification Apparatus and Methods of Manufacturing Same	US	2/3/2012	13/365300	2012-0199484		
296.	Membrane Cleaning with Pulsed Gas Slugs	US	2/14/2012	13/396275	2012-0285885		
297.	Venting Device for a Disc Filter	US	2/20/2012	13/400180	2012-0298573		
298.	Synergistic Methods for Odor Control	US	2/21/2012	13/400997	2012-0213662		
299.	Methods of Cleaning Membrane Modules	US	3/30/2012	13/436219	2012-0187044		
300.	System and Method for Enhancing a Wastewater Treatment Process	US	5/1/2012	13/461641	2012-0211416	8/13/2013	8506800
301.	Waste Treatment with Control Over Biological Solids	US	11/10/2004	13/477812			

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	Patent Title	Country	Application Date	Application No.	Publication No.	Issue Date	Patent No.
302.	Treating Acidic Water	US	6/22/2012	13/530948	2012-0325745		
303.	Method and System for Irrigation	US	8/29/2012	13/597833	2013-0008791		
304.	Method and System for Water Treatment	US	8/30/2012	13/599871	2013-0015135		
305.	Ballasted Sequencing Batch Reactor System and Method for Treating Wastewater	US	9/26/2012	13/627757	2013-0020254	8/24/2013	8540877
306.	Ballasted Anaerobic System	US	9/26/2012	13/627766	2013-0020255	1/7/2014	8623205
307.	Fluid Flow Distribution Device	US	3/28/2011	13/643619			
308.	Improved Infiltration/Inflow Control for Membrane Bioreactor	US	10/17/2012	13/654058	2013-0056426	1/7/2014	8623202
309.	Low Scale Potential Water Treatment	US	11/30/2012	13/690866	2013-0126355		
310.	Frame System for Membrane Filtration Modules	US	1/9/2013	13/737750	2013-0186817		
311.	Membrane Cleaning with Pulsed Airlift Pump	US	2/12/2013	13/765494	2013-0153496		
312.	Water Treatment Systems and Method	US	2/15/2013	13/768362	2013-0256135		
313.	Method and System for Providing Ultrapure Water	US	3/8/2013	13/790629	2013-0186835		
314.	Membrane Module Protection	US	3/15/2013	13/834568	2013-02364251		
315.	Slurry Feed System and Method	US	4/12/2013	13/862088	2013-0220431		
316.	Cleaning In Membrane Filtration Systems	US	4/30/2013	13/874151			
317.	Process for Making a Monomer Solution for Making Cation Exchange Membranes	US	10/17/2011	13/879516	2013-0317128		
318.	Anion Exchange Membranes and Process for Making	US	10/17/2011	13/879519	2013-0313118		
319.	System and Method for Enhancing a Wastewater Treatment Process	US	5/31/2013	13/907423	2013-0256222		
320.	Apparatus and Methods for Control of Waste Treatment Processes	US	5/31/2013	13/907588	2013-0264281		

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	Patent Title	Country	Application Date	Application No.	Publication No.	Issue Date	Patent No.
321.	Systems and Methods for Water Treatment	US	6/3/2013	13/908590	2013-0264208		
322.	Process for Enhanced Total Organic Carbon Removal While Maintaining Optimum Membrane Filter Performance	US	6/7/2013	13/912604	2013-0299425		
323.	Process for Enhanced Total Organic Carbon Removal While Maintaining Optimum Membrane Filter Performance	US	6/7/2013	13/912608	2013-0299424		
324.	Process for Enhanced Total Organic Carbon Removal While Maintaining Optimum Membrane Filter Performance	US	6/7/2013	13/912622	2013-0299426		
325.	Methods and Apparatus for Removing Solids From a Membrane Module	US	7/16/2013	13/943411	2013-0299411		
326.	System and Method for Enhancing a Wastewater Treatment Process	US	7/19/2013	13/946204	2013-0299401		
327.	Ballasted Sequencing Batch Reactor System and Method for Treating Wastewater	US	9/5/2013	14/019483			
328.	Hybrid Aerobic and Anaerobic Wastewater and Sludge Treatment Systems and Methods	US	9/20/2013	14/032393			
329.	Hybrid Aerobic and Anaerobic Wastewater and Sludge Treatment Systems and Methods	US	9/20/2013	14/032632			
330.	Membrane Potting Methods	US	9/23/2013	14/033968			
331.	Membrane Cleaning with Pulsed Airlift Pump	US	11/26/2013	14/090491			
332.	Ballasted Anaerobic System and Method for Treating Wastewater	US	12/2/2013	14/094447			
333.	Manifold Header	US	2/24/2000	29/119130		8/26/2003	D478913
334.	Manifold Header	US	11/1/2000	29/132071		9/10/2002	D462699
335.	Airlift Pump	US	4/13/2009	29/335279		5/3/2011	D637208

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	Patent Title	Country	Application Date	Application No.	Publication No.	Issue Date	Patent No.
336.	Moving Bed Biofilm Reactor Media	US	9/28/2010	29/375844		9/13/2011	D645116
337.	Moving Bed Biofilm Reactor Media	US	9/28/2010	29/375846		11/15/2011	D648821
338.	Gas Sparging Device	US	3/26/2013	29/450953			
339.	Filtration Assembly	US	12/18/2013	29/476930			
340.	Filtration Manifold	US	12/18/2013	29/476932			
341.	Filtration Header	US	12/18/2013	29/476934			
342.	Filtration Module	US	12/18/2013	29/476936			
343.	Odor Control System (Re-Exam)	US	4/30/2004	90/007022			
344.	One Piece Gasket Assembly	US	1/24/2013	61/756161			
345.	Surface Wasting System	US	1/29/2013	61/757780			
346.	Dispersant Enhanced Ballast Recovery	US	2/5/2013	61/760850			
347.	Kinetic Dye Test Method for Activated Carbons	US	3/15/2013	61/793438			
348.	Enhanced Biosorption of Wastewater Organics Using Dissolved Air Flotation with Solids Recycle	US	5/6/2013	61/819822			
349.	Aerated Anoxic Anammox	US	6/18/2013	61/836302			
350.	Annamox Selection Using Dissolved Air Flotation and Anaerobic Digester Recycle	US	8/22/2013	61/868802			
351.	Hybrid Aerobic and Anaerobic Wastewater and Sludge Treatment Systems and Methods	US	9/20/2013	14/033084			
352.	Use of a Mechanical Lift Inside a Tubular Column To Prevent Plugging and Fusing of the Media	US	11/6/2013	61/900544			
353.	Apparatus and Methods To Recover Media From an Activated Iron Process	US	11/4/2013	61/899505			
354.	Fuzzy Logic Control of Ph On a Biotrickling Filter	US	10/25/2013	61/895645			
355.	UV Reactor with Improved Flow Distribution	US	11/19/2013	61/906125			

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	Patent Title	Country	Application Date	Application No.	Publication No.	Issue Date	Patent No.
356.	Chlorine Dioxide Generation Systems	US	11/25/2013	14/089325			

2. PATENTS AND PATENT APPLICATIONS (CONT.)
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Grantor: Siemens Water Technologies LLC (REEL FRAME 032126/0430)							
	Patent Title	Country	Application Date	Application No.	Publication No.	Issue Date	Patent No.
1.	Biomass Growth Control Apparatus for Fluid Bed Biological Reactor	US	2/14/1994	08/195397		11/2/1999	5976365
2.	Bed Height Sensing Device for Biological Reactor	US	5/5/1994	08/238383		10/3/1995	5454938
3.	Batch Type Sludge Drier	US	7/13/1994	08/256638		10/10/1995	5456022
4.	Sludge Flight Support Rail Assembly	US	7/1/1994	08/269879		11/21/1995	5468391
5.	Fibre Monitoring System	US	10/27/1993	08/338582		6/29/1999	5918264
6.	Method and Apparatus for Recycling Oil-Soaked Boom and Pads	US	1/6/1995	08/369883		10/29/1996	5569331
7.	Hollow Fiber Membranes	US	1/26/1995	08/378523		12/16/1997	5698101
8.	Traveling Bridge Filter System and Associated Underdrain	US	1/27/1995	08/379112		9/10/1996	5554281
9.	Method and Apparatus for Storing and Handling Waste Water Slurries	US	2/8/1995	08/385588		10/17/1995	5458414
10.	Method for Sealing a Traveling Bridge Filter Backwash Shoe	US	2/27/1995	08/395082		8/13/1996	5545334
11.	Clarifier	US	3/7/1995	08/399761		1/14/1997	5593589
12.	Air Assist Discharge of Filter Press Cake	US	3/27/1995	08/406939		10/22/1996	5567327
13.	Polarity Reversal and Double Reversal Electrodeionization Apparatus and Method	US	5/9/1995	08/437624		9/24/1996	5558753
14.	Method for Sealing a Traveling Bridge Filter Backwash Shoe	US	6/9/1995	08/488837		2/4/1997	5599459
15.	Polarity Reversal and Double Reversal Electrodeionization Apparatus and Method	US	8/18/1995	08/517075		4/7/1998	5736023
16.	Wear Strip Assembly for Use In a Waste Water Treatment Facility	US	9/18/1995	08/530679		4/15/1997	5620601
17.	Filter Press with Weight-Responsive Bumping of Filter Plates	US	10/20/1995	08/546107		10/7/1997	5674384

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	Patent Title	Country	Application Date	Application No.	Publication No.	Issue Date	Patent No.
18.	thermophilic Aerobic Waste Treatment Process	US	11/20/1995	08/560160		8/12/1997	5656155
19.	Dual Velocity Strainer	US	12/29/1995	08/580812		8/19/1997	5658459
20.	Water Purification Cartridge Assembly with Unidirectional Flow Through Filter Media	US	2/9/1996	08/598818		8/25/1998	5798040
21.	Modular Filter System and Method of Assembly	US	2/9/1996	08/599259		4/20/1999	5895570
22.	Coulometric Analysis	US	11/8/1994	08/640851		9/28/1999	5958779
23.	Backflow Prevention System for Media Bed Reactor	US	6/3/1996	08/656705		6/16/1998	5766491
24.	Motorless Mixer	US	5/30/1996	08/657655		10/13/1998	5820256
25.	Diaphragm Pump Including Improved Drive Mechanism and Pump Head	US	6/14/1996	08/663807		9/28/1999	5957669
26.	Control Method for Backwash Water Volume	US	9/20/1996	08/717100		6/2/1998	5759412
27.	Electrodeionization Apparatus and Method	US	9/23/1996	08/717781		2/9/1999	5868915
28.	Air Scour/Backwash Apparatus for Celless Traveling Bridge Filter	US	10/4/1996	08/726470		7/25/2000	6093329
29.	Electrodeionization Apparatus and Method	US	11/12/1996	08/747505		1/12/1999	5858191
30.	Method and System for Continuously Monitoring and Controlling a Process Stream for Dechlorination Residual	US	11/18/1996	08/749413		2/9/1999	5869342
31.	Wear Strip Assembly for Use In a Waste Water Treatment Facility	US	11/26/1996	08/756838		3/23/1999	5885458
32.	Odor Control System	US	2/3/1997	08/794558		3/2/1999	5876662
33.	Cleaning of Hollow Fibre Membranes	US	9/8/1995	08/809679		12/12/2000	6159373
34.	Odor Control System	US	4/11/1997	08/827848		1/16/2001	6174498
35.	Process and Apparatus for Treating Waste	US	5/6/1997	08/851645		4/11/2000	6047768
36.	Sealing Shoe for Celless Traveling Bridge Filter	US	5/6/1997	08/852029		8/11/1998	5792359
37.	Apparatus for Generating Bromine	US	6/12/1997	08/873814		2/9/1999	5868911

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	Patent Title	Country	Application Date	Application No.	Publication No.	Issue Date	Patent No.
38.	Modular Filtering System	US	6/30/1997	08/885658		12/24/2002	6497817
39.	Filter Press	US	8/7/1997	08/908171		1/5/1999	5855778
40.	Filtration Monitoring and Control System	US	3/15/1996	08/913901		6/20/2000	6077435
41.	Floating Mixer	US	8/28/1997	08/924074		12/22/1998	5851066
42.	Composting System	US	11/3/1997	08/962710		5/25/1999	5906436
43.	Apparatus and Method for Installation of a Fluid Dispenser In Wastewater	US	11/17/1997	08/971589		10/3/2000	6126361
44.	Bromide Removal	US	11/3/1997	08/973078		8/6/2002	6428677
45.	Low Capacity Chlorine Gas Feed System	US	6/14/1996	08/981242		8/22/2000	6105598
46.	Method and System for Removing Solutes From a Fluid Using Magnetically Conditioned Coagulation	US	12/17/1997	08/992147		8/8/2000	6099738
47.	Process for Removing Strong Oxidizing Agents From Liquids	US	4/24/1998	09/066239		12/11/2001	6328896
48.	Removing Metal Ions From Wastewater	US	7/10/1998	09/113981		11/13/2001	6315906
49.	Ion Exchange Removal of Metal Ions In Wastewater	US	7/10/1998	09/113982		2/12/2002	6346195
50.	Filter Press with Alternating Diaphragm Squeeze Chamber Plates and Filtration Chamber Plates	US	8/3/1998	09/128190		1/30/2001	6180002
51.	Calcium Hypochlorite Feeder	US	8/19/1998	09/136858		4/4/2000	6045706
52.	Gas-Scrubbed Hollow Fiber Membrane Module	US	12/8/1998	09/208294		12/5/2000	6156200
53.	Flow Control Sensor and Method for Filling of a Filter Press	US	1/8/1999	09/228012		10/17/2000	6132176
54.	Electrodeionization Apparatus and Method	US	1/29/1999	09/240420		9/4/2001	6284124
55.	Process for Generating Bromine Compound	US	2/9/1999	09/246329		12/26/2000	6165343
56.	Process and Apparatus for Treating Waste	US	2/23/1999	09/256595		3/27/2001	6206091

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	Patent Title	Country	Application Date	Application No.	Publication No.	Issue Date	Patent No.
57.	Air and Water Purification Using Continuous Breakpoint Halogenation	US	3/2/1999	09/260809		11/7/2000	6143184
58.	Air and Water Purification Using Continuous Breakpoint Halogenation and Peroxygenation	US	3/2/1999	09/260810		11/21/2000	6149819
59.	Improved Microporous Membrane Filtration Assembly	US	12/9/1997	09/283690		7/3/2001	6254773
60.	Anode formulation and Methods of Manufacture	US	4/8/1999	09/288494		4/17/2001	6217729
61.	Diaphragm Pump Including Improved Drive Mechanism and Pump Head	US	5/3/1999	09/304127		5/30/2000	6068450
62.	Scouring Method	US	12/18/1997	09/336059		4/29/2003	6555005
63.	Method of Inhibiting Scale formation	US	8/19/1999	09/378232		11/14/2000	6146538
64.	Predicting Logarithmic Reduction Values	US	5/26/1998	09/386899		3/20/2001	6202475
65.	Apparatus and Method for Sanitizing and Cleaning a Filter System	US	11/12/1999	09/438214		1/29/2002	6342163
66.	Method and System for Continuously Monitoring and Controlling a Process Stream	US	1/3/2000	09/476556		10/29/2002	6472223
67.	Method and Apparatus for Microfiltration	US	1/7/2000	09/478839		8/7/2001	6270671
68.	Low Capacity Chlorine Gas Feed System	US	2/17/2000	09/506154		7/24/2001	6263900
69.	Method and Apparatus for Evaluating a Membrane	US	2/25/2000	09/513414		5/27/2003	6568282
70.	Continuous Electrodeionization Apparatus and Method	US	4/14/2000	09/549011		11/6/2001	6312577
71.	Low Capacity Chlorine Gas Feed System	US	5/11/2000	09/569157		10/30/2001	6308724
72.	Dynamic Optimization of Chemical Additives In a Water Treatment System	US	6/22/2000	09/603765		7/16/2002	6419817
73.	Dual Diffuser Assembly	US	3/2/1999	09/622384		6/12/2001	6244574
74.	Oxidation Resistant Granular Activated Carbon	US	8/17/2000	09/641222		7/30/2002	6425941

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	Patent Title	Country	Application Date	Application No.	Publication No.	Issue Date	Patent No.
75.	Enhanced Time-Based Proportional Control	US	8/29/2000	09/650456		4/6/2004	6716359
76.	Air and Water Purification Using Continuous Breakpoint Halogenation	US	11/6/2000	09/707421		7/23/2002	6423234
77.	Apparatus and Method for Venting Hydrogen From an Electrolytic Cell	US	12/20/2000	09/741936	2002-108865	10/22/2002	6468412
78.	Bracket for Use In Securing Collector Flight Support Tracks In a Wastewater Treatment Tank	US	1/3/2001	09/753938	2003-083677	4/15/2003	6546685
79.	Ph Stable Ativated Carbon	US	2/6/2001	09/777603		9/20/2005	6946077
80.	Electrode Coating and Method of Use and Preparation thereof	US	2/6/2001	09/778445	2001-0148736	6/3/2003	6572758
81.	System for Optimized Control of Multiple Oxidizer Feedstreams	US	2/9/2001	09/780198	2002-0152036	9/16/2003	6620315
82.	Waste Treatment with Control Over Biological Solids	US	3/2/2001	09/798313	2003-0173292	12/9/2003	6660163
83.	Apparatus and Method for Cleaning Membrane Filtration Modules	US	9/24/1999	09/815966	2002-047962	2/25/2003	6524481
84.	Electrodeionization Apparatus with Expanded Conductive Mesh Electrode and Method	US	4/25/2001	09/842414	2002-079992	8/19/2003	6607647
85.	Electrodeionization Apparatus and Method	US	5/29/2001	09/867786	2002-0189951	11/18/2003	6649037
86.	Electrodeionization Apparatus and Method	US	6/5/2001	09/875313	2002-0011413	2/4/2003	6514398
87.	Method and Apparatus for Microfiltration	US	7/12/2001	09/904796	2002-046974	8/27/2002	6440310
88.	Sludge Collector with Entrapment Plate	US	7/24/2001	09/912268	2003-0019810	3/25/2003	6536606
89.	Diffuser Assembly	US	8/31/1999	09/914666		10/15/2002	6464211
90.	Calcium Hypochlorite of Reduced Reactivity	US	8/9/2001	09/927430	2003-0038277	8/17/2004	6776926
91.	Fluid Distribution Device	US	8/20/2001	09/933973	2003-0034067	7/20/2004	6763846
92.	Apparatus and Method for Sanitizing and Cleaning a Filter System	US	8/22/2001	09/935381	2001-0052503	7/16/2002	6419823

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	Patent Title	Country	Application Date	Application No.	Publication No.	Issue Date	Patent No.
93.	Process for Treating Bod-Containing Wastewater	US	8/29/2001	09/941535	2003-042199	7/15/2003	6592762
94.	Treated Ion Exchange Resin and Method for Treatment thereof	US	9/6/2001	09/947935	2003-0050350	2/17/2004	6693139
95.	Corrosion Control Utilizing a Hydrogen Peroxide Donor	US	12/10/2001	10/013879		11/11/2003	6645400
96.	Activated Carbon for Odor Control and Method for Making Same	US	12/11/2001	10/014848	2002-0082168	2/22/2005	6858192
97.	Ion Exchange Removal of Metal Ions From Wastewater	US	12/13/2001	10/017077	2002-0104803	11/16/2004	6818129
98.	Systems and Methods for Polymer Addition Control for Water Treatment	US	12/19/2001	10/025371	2003-0111421	2/1/2005	6849190
99.	Scouring Method	US	1/7/2002	10/042128	2002-0195390	11/29/2005	6969465
100.	Flocculating Energy Dissipating Well Arrangement (Fedwa)	US	1/22/2002	10/054378	2003-0136730	5/18/2004	6736275
101.	Enhanced Air and Water Purification Using Continuous Breakpoint Halogenation with Free Oxygen Radicals	US	2/26/2002	10/083315	2003-0160005	9/19/2006	7108781
102.	Method of Optimized Control of Multiple Oxidizer Feedstreams	US	3/15/2002	10/098817	2002-153325	9/23/2003	6623647
103.	Electrodeionization Apparatus with Resilient Endblock	US	4/11/2002	10/121133	2003-0192783	7/6/2004	6758954
104.	Hollow Fibre Restraining System	US	4/6/2001	10/268600	2003-0089659	8/31/2004	6783008
105.	Mixing System Configured with Surface Mixing	US	10/11/2002	10/270097		11/23/2004	6821011
106.	Apparatus for Fluid Purification and Methods of Manufacture and Use thereof	US	10/15/2002	10/272356	2003-0089609	8/11/2009	7572359
107.	Production of Water for Injection Using Reverse Osmosis	US	10/23/2002	10/278714	2004-079700	3/10/2009	7501061
108.	Method of Cleaning Membranes	US	11/15/2002	10/298471	2004-000520	10/18/2005	6955762

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	Patent Title	Country	Application Date	Application No.	Publication No.	Issue Date	Patent No.
109.	Apparatus and Method for Cleaning Membrane Filtration Modules	US	11/21/2002	10/303447	2003-0075504	11/4/2003	6641733
110.	Improved Membrane Filtration System	US	4/2/2003	10/406807	2003-0234221	3/29/2005	6872305
111.	Apparatus and Method for Cleaning Membrane Filtration Modules	US	5/1/2003	10/428601	2003-0205519	11/23/2004	6821420
112.	Modified Membranes	US	11/9/2001	10/437202	2004-0035782	4/26/2005	6884350
113.	Chlorine Dioxide Generation Systems	US	6/9/2003	10/457335	2003-0229422	3/17/2009	7504074
114.	Backwash Method	US	10/10/2003	10/530900	2006-0000774	5/10/2011	7938966
115.	Mixing Chamber	US	12/5/2003	10/537760	2007-0007214	2/12/2013	8372282
116.	Membrane Post Treatment	US	7/8/2004	10/564024	06-0157404	2/16/2010	7662212
117.	Backwash	US	8/27/2004	10/569565	2007-0007205	9/18/2012	8268176
118.	Module Cleaning Method	US	11/12/2004	10/595841	2007-0075021		
119.	Process and Apparatus for Purifying Impure Water Using Microfiltration Or Ultrafiltration In Combination with Reverse Osmosis	US	3/24/2005	10/599350	2007-0181496		
120.	Waste Treatment with Control Over Biological Solids	US	9/9/2003	10/658575	2004-0045898	12/21/2004	6833074
121.	Potting Method	US	4/4/2002	10/676458	2005-0087898	12/13/2005	6974554
122.	Electrodeionization Apparatus and Method	US	10/27/2003	10/695152	2004-0089551	11/30/2004	6824662
123.	Methods and Apparatus for Reducing Nitrate Demands In the Reduction of Dissolved and/Or Atmospheric Sulfides In Wastewater	US	11/4/2003	10/700381	2004-0173525	8/8/2006	7087172
124.	Water Treatment System and Method	US	11/13/2003	10/712162	2005-0103723	1/4/2011	7862700
125.	Water Treatment System and Method	US	11/13/2003	10/712163	2005-0103644	7/21/2009	7563351
126.	Water Treatment Systems and Method	US	11/13/2003	10/712166	2005-0103622	2/19/2013	8377279
127.	Water Treatment System and Method	US	11/13/2003	10/712250	2005-0103630	10/20/2009	7604725
128.	Water Treatment System and Method	US	11/13/2003	10/712674	2005-0103724	9/1/2009	7582198
129.	Water Treatment System and Method	US	11/13/2003	10/712685	2005-0103631	12/7/2010	7846340

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130.	Water Treatment System and Method	US	11/13/2003	10/712248		8/1/2006	7083733
131.	Membrane Filtration Manifold System	US	11/20/2003	10/718756	2004-0238431	9/4/2007	7264716
132.	Activated Carbon for Odor Control and Method for Making Same	US	12/5/2003	10/729274	2004-0112214	9/5/2006	7101417
133.	Membrane Polymer Compositions	US	6/14/2002	10/738628	2004-0191894	6/5/2007	7226541
134.	Wastewater Treatment Control	US	12/23/2003	10/745446		4/24/2007	7208090
135.	High Solids Module	US	3/16/2004	10/802691		3/28/2006	7018533
136.	Apparatus and Method for Cleaning Membrane Filtration Modules	US	4/8/2004	10/822036	2004-0188341	1/11/2005	6841070
137.	Electrodeionization Device and Methods of Use	US	5/13/2004	10/845782	2005-0016932	12/12/2006	7147785
138.	Water Treatment Process	US	5/27/2004	10/856264	2005-0263457	2/12/2008	7329358
139.	Hollow Fiber Restraining System	US	7/19/2004	10/894191	2004-0262215	11/8/2005	6962258
140.	Modified Membranes	US	7/29/2004	10/903809	2005-0029186	7/29/2008	7404896
141.	Modified Membranes	US	7/30/2004	10/903950	2005-0029185	11/27/2007	7300022
142.	Poly (Ethylene Chlorotrifluoroethylene) Membranes	US	2/12/2003	10/914640	2005-0098494	7/24/2007	7247238
143.	Apparatus and Method for Connecting Water Treatment Devices	US	9/17/2004	10/943782	2005-0087446	2/5/2008	7326325
144.	Method and Apparatus for Conditioning a Sensor for Measuring Oxidation Reduction Potential	US	9/21/2004	10/946512	2006-0060475	9/4/2007	7264709
145.	Enhanced Air and Water Purification Using Continuous Breakpoint Halogenation with Free Oxygen Radicals	US	10/22/2004	10/972122		10/23/2007	7285223
146.	Waste Treatment with Control Over Biological Solids	US	11/10/2004	10/985265	2005-0082223	9/12/2006	7105091
147.	Removing Odoriferous Sulfides From Wastewater	US	11/17/2004	10/991054		10/23/2007	7285217

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148.	Activated Carbon for Odor Control and Method for Making Same	US	12/9/2004	11/008449		4/4/2006	7022269
149.	Method for Fouling Control In Filters	US	12/15/2004	11/012637			
150.	Methods of Minimising the Effect of Integrity Loss In Hollow Fibre Membrane Modules	US	6/17/2003	11/015655	2005-0145556	1/9/2007	7160463
151.	Water Treatment Control Systems and Methods of Use	US	12/21/2004	11/018421	2006-0131245	6/24/2008	7390399
152.	Production of Water for Injection Using Reverse Osmosis	US	1/12/2005	11/033696		5/13/2008	7371319
153.	Hollow Fibre Restraining System	US	2/11/2005	11/056532	2005-0133438	5/29/2007	7223340
154.	Aeration Method	US	8/21/2003	11/060106	2005-0139538	4/22/2008	7361274
155.	Aeration Diffuser Membrane Slitting Pattern	US	2/24/2005	11/065529	2005-0184408	7/17/2007	7243912
156.	Filtration Apparatus Comprising a Membrane Bioreactor and a Treatment Vessel for Digesting Organic Materials	US	4/20/2005	11/110148		6/17/2008	7387723
157.	Removal System for Membranes In a Membrane Filtration System	US	5/27/2005	11/139732	2006-0021929	10/16/2007	7282146
158.	System for Controlling Sulfide Generation	US	6/9/2005	11/149018	2005-0224409	2/5/2008	7326340
159.	Process To Enhance Phosphorus Removal for Activated Sludge Wastewater Treatment Systems	US	6/30/2005	11/170864	2007-0000836	3/18/2008	7344643
160.	Methods and Apparatus for Reducing Nitrate Demands In the Reduction of Dissolved and/Or Atmospheric Sulfides In Wastewater	US	7/7/2005	11/176018	2005-0242010	10/23/2007	7285207
161.	Apparatus for Reducing Nitrate Demands In the Reduction of Dissolved and/Or Atmospheric Sulfides In Wastewater	US	7/7/2005	11/176764	2005-0242011	11/21/2006	7138049

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162.	System and Method of Slurry Treatment	US	8/2/2005	11/195108	2007-0029260	2/10/2009	7488423
163.	Ph Stable Activated Carbon	US	8/4/2005	11/197109	2005-0269270	11/27/2007	7300586
164.	Potting Method	US	8/5/2005	11/197969	2006-0110486	4/26/2011	7931463
165.	System for Treating Liquids	US	9/13/2005	11/225385	2006-0054553	12/18/2007	7309427
166.	Method for Chlorite Removal	US	10/11/2005	11/247858	2007-0080116	6/10/2008	7384565
167.	Aerated Anoxic Membrane Bioreactor	US	4/11/2006	11/279334	2007-0235385	5/11/2010	7713413
168.	Process To Improve Efficiency of a Membrane Filter Activated Sludge System	US	4/11/2006	11/279354	2007-0235386	1/27/2009	7481933
169.	Wastewater Treatment Control	US	12/13/2005	11/302707		8/19/2008	7413654
170.	Treating Acidic Water	US	12/15/2005	11/303160	2007-0138093	6/26/2012	8206592
171.	Water Treatment System and Method	US	12/19/2005	11/311528	2006-0157422		
172.	Grease and Scum Removal In a Filtration Apparatus Comprising a Membrane Bioreactor and a Treatment Vessel for Digesting Organic Materials	US	12/21/2005	11/314793	2007-0084791	2/12/2008	7329344
173.	Scouring Method	US	12/22/2005	11/316593	2006-0131234	11/1/2011	8048306
174.	Wastewater Treatment System and Method	US	1/25/2006	11/339186	2007-0170112	11/25/2008	7455765
175.	Biological Scrubber Odor Control System and Method	US	2/8/2006	11/350358	2007-0180802	10/2/2007	7276366
176.	Activated Carbon for Odor Control and Method for Making Same	US	3/29/2006	11/392169	2006-0162558	7/10/2007	7241430
177.	Vibratory Mixer	US	4/20/2006	11/407865	2006-0254970	1/27/2009	7481918
178.	Methods and Apparatus for Reducing Nitrate Demands In the Reduction of Dissolved and/Or Atmospheric Sulfides In Wastewater	US	4/24/2006	11/410173	2006-0186040	3/6/2007	7186341
179.	Mixing System for Increased Height Tanks	US	6/22/2006	11/425938	2006-0291326	4/24/2012	8162531
180.	Submerged Cross-Flow Filtration	US	5/26/2006	11/441819	2006-0273007	9/22/2009	7591950

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181.	Water Treatment System and Process	US	6/1/2006	11/444984	2006-0291839	10/25/2011	8045849
182.	Screening of Inert Solids From a Low-Yield Wastewater Treatment Process	US	8/31/2006	11/469009	2007-0051677	8/4/2009	7569147
183.	Electrically-Driven Separation Apparatus	US	6/23/2006	11/474299	2007-0295604	10/26/2010	7820024
184.	Methods of Minimising the Effect of Integrity Loss In Hollow Fibre Membrane Modules	US	7/31/2006	11/496378	2006-0266706	3/18/2008	7344645
185.	Method and System for Providing Potable Water	US	9/20/2006	11/524033	2007-0284251	2/14/2012	8114259
186.	Method and System for Irrigation	US	9/20/2006	11/524078	2007-0284252	10/2/2012	8277627
187.	Method and Apparatus for Desalination	US	9/20/2006	11/524080	2008-0067125	6/29/2010	7744760
188.	Dosing Control System and Method	US	10/2/2006	11/542649	2007-0074758	3/15/2011	7905245
189.	System for Treating Wastewater	US	10/4/2006	11/543006	2007-0075017	7/21/2009	7563363
190.	Method for Treating Liquids	US	10/11/2006	11/546513	2007-0075019	1/1/2008	7314564
191.	Hybrid Diffuser System Headloss Balancing	US	11/29/2006	11/564518	2007-0120276	1/4/2011	7862014
192.	Gas Transfer Membrane	US	6/30/2005	11/571100	2007-0157812	10/26/2010	7819956
193.	Hydrophilic Membranes	US	7/4/2005	11/571101	2008-0058440	9/3/2013	8524794
194.	Reduction of Backwash Liquid Waste	US	9/7/2005	11/574819	2007-0227973		
195.	Methods and Apparatus for Removing Solids From a Membrane Module	US	9/13/2005	11/575234	2008-0053923	8/13/2013	8506806
196.	Continuously Variable Aeration	US	9/15/2005	11/575364	2008-0156745	2/19/2013	8377305
197.	Square Membrane Manifold System	US	8/19/2005	11/660694	2008-0210623	1/4/2011	7862719
198.	Multivalent Metal Ion Management for Low Sludge Processes	US	3/7/2007	11/683162	2007-0209998	1/6/2009	7473364
199.	Poly (Ethylene Chlorotrifluoroethylene) Membranes	US	1/31/2007	11/700625	2007-0216057	12/15/2009	7632439
200.	Membrane Post Treatment	US	12/2/2005	11/720700	2009-0230053	1/11/2011	7867417
201.	Cleaning In Membrane Filtration Systems	US	12/19/2005	11/722411	2011-0114557	7/30/2013	8496828

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202.	Apparatus for Fluid Purification	US	5/1/2007	11/742704	2008-0105548	1/24/2012	8101058
203.	Process To Improve Efficiency of a Membrane Filter Activated Sludge System	US	7/13/2007	11/777587	2008-0041783	3/31/2009	7510655
204.	Gas Treatment Systems and Methods	US	5/2/2007	11/799742	2007-0259416	11/27/2012	8318476
205.	Activated Carbon for Odor Control	US	7/9/2007	11/825843	2008-0006157	7/21/2009	7563311
206.	High Flow Disc Filter	US	8/10/2007	11/836962	2008-0035584		
207.	Continuous Membrane Filtration and Solids Reduction	US	8/23/2007	11/843817	2008-0047895	8/4/2009	7569148
208.	System and Methods for Wastewater Odor Control	US	9/21/2007	11/859421	2008-0041785	6/30/2009	7553420
209.	System for the Treatment of Wastewater	US	10/4/2007	11/867311	2008-0105602	6/23/2009	7550076
210.	Chemical Clean for Membrane Filter	US	4/28/2006	11/912859	2008-0203017		
211.	Water Treatment System	US	11/20/2007	11/943446		1/27/2009	7481929
212.	Process for Enhanced Total Organic Carbon Removal While Maintaining Optimum Membrane Filter Performance	US	10/23/2007	11/975835	2009-0101578	7/23/2013	8491788
213.	Monopersulfate Treatment of Membranes	US	7/14/2006	11/995588	2008-0203018	8/2/2011	7988891
214.	A System and Method for Removing Dissolved Contaminants, Particulate Contaminants, and Oil Contaminants From Industrial Waste Water	US	1/9/2008	12/008209	2008-0210613		
215.	System and Method for Enhancing an Activated Sludge Process	US	1/9/2008	12/008216	2008-0203015	4/13/2010	7695623
216.	Temperature Transfer Filter Plate Assembly	US	1/18/2008	12/009600	2008-0190831	6/15/2010	7736502
217.	Methods of Minimising the Effect of Integrity Loss In Hollow Fibre Membrane Modules	US	1/30/2008	12/022940	2008-0179249	5/22/2012	8182687

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218.	Wastewater Treatment Methods	US	1/30/2008	12/022959		9/21/2010	7799224
219.	Water Treatment Control Systems and Methods of Use	US	3/28/2008	12/058177	2008-0237148	1/11/2011	7867401
220.	Biological Phosphorus Removal	US	8/14/2006	12/063325	2010-0133177	12/14/2010	7850851
221.	Assembly for Water Filtration Using a Tube Manifold To Minimise Backwash	US	8/22/2006	12/064409	2008-0190846		
222.	Dynamic Control of Membrane Bioreactor System	US	10/6/2006	12/089238	2008-0314829	2/2/2010	7655142
223.	Combination Membrane/Biolytic Filtration	US	11/8/2006	12/092755	2008-0290025	5/4/2010	7708887
224.	Reduced Backwash Volume Process	US	12/11/2006	12/096279	2008-0257822		
225.	Method for Treating Wastewater	US	5/9/2008	12/118262	2008-0264855	5/25/2010	7722769
226.	Filtration Method and Apparatus	US	5/30/2008	12/130692	2009-0020475	5/18/2010	7718065
227.	Operating Strategies In Filtration Processes	US	1/12/2007	12/160271	2009-0001018		
228.	Conditioning System for Activated Sludge Wastewater Treatment Processes	US	1/24/2007	12/161846	2009-0078646	8/9/2011	7993522
229.	Method for the Treatment of Wastewater	US	7/1/2008	12/165821	2008-0296221	2/2/2010	7655144
230.	Trash Tolerant Filter Support for a Disc Filter	US	7/15/2008	12/173517	2009-0020483		
231.	Venting Device for a Disc Filter	US	7/15/2008	12/173559	2009-0020484	2/21/2012	8118175
232.	Wastewater Treatment System	US	9/18/2008	12/233195	2009-0026120	5/18/2010	7718057
233.	System and Method for Measuring the Concentration of Magnetic Ballast In a Moving Slurry	US	10/23/2008	12/288825	2010-0101309	1/3/2012	8088284
234.	Ultraviolet Light Activated Oxidation Process for the Reduction of Organic Carbon In Semiconductor Process Water	US	6/5/2007	12/303596	2011-0180485		

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235.	Improved Monopersulfate Treatment of Membranes	US	7/13/2007	12/373649	2010-0000942		
236.	Chlorine Dioxide Generation Systems	US	2/23/2009	12/391154	2009-0263313		
237.	Low Pressure Backwash	US	8/30/2007	12/439209	2009-0255873		
238.	Infiltration/Inflow Control for Membrane Bioreactor	US	10/23/2007	12/447084	2010-0191377	10/23/2012	8293098
239.	Method of Cleaning Membrane Modules	US	5/14/2009	12/466199	2009-0223895	8/20/2013	8512568
240.	Composition for Odor Control	US	5/15/2009	12/466799	2009-0250389	7/5/2011	7972532
241.	Water Treatment System and Method	US	6/2/2009	12/477013	2009-0236235	2/14/2012	8114260
242.	Sequencing Batch Reactor with Continuous Membrane Filtration and Solids Reduction	US	6/9/2009	12/481486	2009-0261027	4/26/2011	7931808
243.	Wastewater Treatment Systems	US	6/30/2009	12/495449	2010-0012558	9/21/2010	7799215
244.	System and Method for Treating Groundwater	US	11/21/2007	12/516013	2013-0006023		
245.	Process for Enhanced Total Organic Carbon Removal While Maintaining Optimum Membrane Filter Performance	US	8/21/2009	12/545584	2009-0308745	7/23/2013	8491794
246.	System and Method for Enhancing a Wastewater Treatment Process	US	9/8/2009	12/584545	2010-0155327	6/25/2013	8470172
247.	Improved Infiltration/Inflow Control for Membrane Bioreactor	US	4/1/2008	12/594323	2010-0326906	11/27/2012	8318028
248.	Membrane Cleaning with Pulsed Airlift Pump	US	5/29/2008	12/602316	2011-0198283	1/7/2014	8622222
249.	On-Demand Intermittent High Purity Water Production System	US	11/2/2009	12/610863	2010-0140095		
250.	Waste Treatment with Control Over Biological Solids	US	12/8/2009	12/633210		6/4/2013	8454830
251.	Method and Apparatus for Desalination	US	12/16/2009	12/639548	2010-0089756	5/22/2012	8182693

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252.	Membrane Post Treatment	US	12/28/2009	12/647734	2010-0213117	11/15/2011	8057574
253.	Method and System for Treating Ballast Water	US	8/14/2008	12/673574	2011-0120956		
254.	Low Energy System and Method of Desalinating Seawater	US	9/22/2008	12/679310	2010-0282689		
255.	Amendment-Free Sludge Composting	US	1/15/2010	12/688589	2010-0184131		
256.	Method and Apparatus for Absorption Spectra Analyser	US	11/21/2008	12/744404	2011-0040494		
257.	Systems and Methods for Water Treatment	US	12/1/2008	12/744785	2011-0162964	11/19/2013	8585882
258.	Chlorine Dioxide Generation Systems and Methods	US	5/28/2010	12/790647	2011-0052480		
259.	Membrane Cleaning with Pulsed Gas Slugs and Global Aeration	US	6/2/2010	12/792307	2010-0300968		
260.	Method of Cleaning Membranes	US	6/11/2010	12/813748	2011-0056522		
261.	Slurry Feed System and Method	US	7/13/2010	12/835322	2012-0012188	4/30/2013	8430112
262.	Process for Enhanced Total Organic Carbon Removal While Maintaining Optimum Membrane Filter Performance	US	10/23/2007	12/843631	2010-0300970	9/24/2013	8540882
263.	Low Power Amperometric Probe	US	1/20/2009	12/864107	2011-0127163	9/3/2013	8524058
264.	Vacuum Actuated Fluid Delivery	US	8/19/2009	12/867221	2011-0067766		
265.	Method for Treating Odor In Wastewater	US	8/30/2010	12/870968	2011-0049061		
266.	Synergistic Wastewater Odor Control Composition, Systems, and Related Methods therefor	US	9/24/2010	12/890050	2011-0233146		
267.	Simultaneous Determination of Chlorine and Chlorate In Sodium Hypochlorite	US	9/29/2010	12/893860	2011-0198239	2/12/2013	8372262
268.	Membrane Cleaning with Pulsed Airlift Pump	US	9/30/2010	12/895156	2011-0100907	10/16/2012	8287743

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269.	Hybrid Aerobic and Anaerobic Wastewater and Sludge Treatment Systems and Methods	US	3/27/2009	12/934927	2011-0089105	1/7/2014	8623213
270.	Low Energy System and Method of Desalinating Seawater	US	4/3/2009	12/935558	2011-0180477		
271.	Water Treatment System and Method	US	11/13/2003	12/950050	2011-0120953		
272.	System and Methods for Nutrient Removal In Biological Treatment Systems	US	12/2/2010	12/958542	2011-0132836		
273.	Water Treatment System and Method	US	12/7/2010	12/962064	2011-0120886		
274.	Charged Porous Polymeric Membranes and their Preparation	US	12/20/2010	12/973508	2011-0147308		
275.	Method and System for Providing Ultrapure Water	US	1/17/2011	13/007932	2011-0210077		
276.	Method for Measuring a Concentration of a Compound In a Liquid Stream	US	1/17/2011	13/007940	2011-0209530		
277.	System for Controlling Introduction of a Reducing Agent To a Liquid Stream	US	1/17/2011	13/007946	2011-0210048		
278.	Actinic Radiation Reactor	US	1/17/2011	13/007949	2011-0210267		
279.	Method of Irradiating a Liquid	US	1/17/2011	13/007953	2011-0210266		
280.	Dosing Control System and Method	US	1/21/2011	13/011012	2011-0168609		
281.	Hybrid Aerobic and Anaerobic Wastewater and Sludge Treatment Systems and Methods	US	2/24/2011	13/034269	2011-0203992		
282.	Chlorine Dioxide Generation Systems and Methods	US	7/27/2009	13/055010	2011-0129388		
283.	Frame System for Membrane Filtration Modules	US	7/29/2009	13/055284	2011-0127209	2/26/2013	8382981
284.	Improved Membrane System Backwash Energy Efficiency	US	8/17/2009	13/059283	2011-0139715		

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285.	Method and System for Biofouling Control of Shipboard Components	US	8/18/2009	13/059357	2011-0139729	11/26/2013	8591740
286.	A Membrane Module	US	4/15/2011	13/087548	2011-0192783	8/27/2013	8518256
287.	Electrochemical Control Systems and Methods	US	4/20/2011	13/090425	2011-0264268		
288.	Apparatus for Fluid Purification and Methods of Manufacture and Use thereof	US	5/5/2011	13/101632	2011-0303544		
289.	Controlled Method of Minimizing Radioactive Sludge Generation In Post Stimulation Flowback and/OR Produced Water Treatment From a Saltwater, Oil and/OR Gas Well	US	8/8/2011	13/204849	2012-0037568		
290.	Membrane Post Treatment	US	8/10/2011	13/206845	2011-0290717	9/11/2012	8262778
291.	Contact-Stabilization/Prime-Float Hybrid	US	8/16/2011	13/210487	2012-0043277		
292.	Fluid Control Manifold for Membrane Filtration System	US	9/22/2011	13/240190	2012-0074053		
293.	Mesoporous Activated Carbon and Methods of Producing Same	US	10/5/2011	13/253155	2012-0085708		
294.	Membrane Cleaning with Pulsed Airlift Pump	US	11/17/2011	13/298575	2012-0061333	2/12/2013	8372276
295.	Electrical Purification Apparatus and Methods of Manufacturing Same	US	2/3/2012	13/365300	2012-0199484		
296.	Membrane Cleaning with Pulsed Gas Slugs	US	2/14/2012	13/396275	2012-0285885		
297.	Venting Device for a Disc Filter	US	2/20/2012	13/400180	2012-0298573		
298.	Synergistic Methods for Odor Control	US	2/21/2012	13/400997	2012-0213662		
299.	Methods of Cleaning Membrane Modules	US	3/30/2012	13/436219	2012-0187044		
300.	System and Method for Enhancing a Wastewater Treatment Process	US	5/1/2012	13/461641	2012-0211416	8/13/2013	8506800
301.	Waste Treatment with Control Over Biological Solids	US	11/10/2004	13/477812			

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302.	Treating Acidic Water	US	6/22/2012	13/530948	2012-0325745		
303.	Method and System for Irrigation	US	8/29/2012	13/597833	2013-0008791		
304.	Method and System for Water Treatment	US	8/30/2012	13/599871	2013-0015135		
305.	Ballasted Sequencing Batch Reactor System and Method for Treating Wastewater	US	9/26/2012	13/627757	2013-0020254	8/24/2013	8540877
306.	Ballasted Anaerobic System	US	9/26/2012	13/627766	2013-0020255	1/7/2014	8623205
307.	Fluid Flow Distribution Device	US	3/28/2011	13/643619			
308.	Improved Infiltration/Inflow Control for Membrane Bioreactor	US	10/17/2012	13/654058	2013-0056426	1/7/2014	8623202
309.	Low Scale Potential Water Treatment	US	11/30/2012	13/690866	2013-0126355		
310.	Frame System for Membrane Filtration Modules	US	1/9/2013	13/737750	2013-0186817		
311.	Membrane Cleaning with Pulsed Airlift Pump	US	2/12/2013	13/765494	2013-0153496		
312.	Water Treatment Systems and Method	US	2/15/2013	13/768362	2013-0256135		
313.	Method and System for Providing Ultrapure Water	US	3/8/2013	13/790629	2013-0186835		
314.	Membrane Module Protection	US	3/15/2013	13/834568	2013-02364251		
315.	Slurry Feed System and Method	US	4/12/2013	13/862088	2013-0220431		
316.	Cleaning In Membrane Filtration Systems	US	4/30/2013	13/874151			
317.	Process for Making a Monomer Solution for Making Cation Exchange Membranes	US	10/17/2011	13/879516	2013-0317128		
318.	Anion Exchange Membranes and Process for Making	US	10/17/2011	13/879519	2013-0313118		
319.	System and Method for Enhancing a Wastewater Treatment Process	US	5/31/2013	13/907423	2013-0256222		
320.	Apparatus and Methods for Control of Waste Treatment Processes	US	5/31/2013	13/907588	2013-0264281		

Grantor: Siemens Water Technologies LLC (REEL FRAME 032126/0430)							
	Patent Title	Country	Application Date	Application No.	Publication No.	Issue Date	Patent No.
321.	Systems and Methods for Water Treatment	US	6/3/2013	13/908590	2013-0264208		
322.	Process for Enhanced Total Organic Carbon Removal While Maintaining Optimum Membrane Filter Performance	US	6/7/2013	13/912604	2013-0299425		
323.	Process for Enhanced Total Organic Carbon Removal While Maintaining Optimum Membrane Filter Performance	US	6/7/2013	13/912608	2013-0299424		
324.	Process for Enhanced Total Organic Carbon Removal While Maintaining Optimum Membrane Filter Performance	US	6/7/2013	13/912622	2013-0299426		
325.	Methods and Apparatus for Removing Solids From a Membrane Module	US	7/16/2013	13/943411	2013-0299411		
326.	System and Method for Enhancing a Wastewater Treatment Process	US	7/19/2013	13/946204	2013-0299401		
327.	Ballasted Sequencing Batch Reactor System and Method for Treating Wastewater	US	9/5/2013	14/019483			
328.	Hybrid Aerobic and Anaerobic Wastewater and Sludge Treatment Systems and Methods	US	9/20/2013	14/032393			
329.	Hybrid Aerobic and Anaerobic Wastewater and Sludge Treatment Systems and Methods	US	9/20/2013	14/032632			
330.	Membrane Potting Methods	US	9/23/2013	14/033968			
331.	Membrane Cleaning with Pulsed Airlift Pump	US	11/26/2013	14/090491			
332.	Ballasted Anaerobic System and Method for Treating Wastewater	US	12/2/2013	14/094447			
333.	Manifold Header	US	2/24/2000	29/119130		8/26/2003	D478913
334.	Manifold Header	US	11/1/2000	29/132071		9/10/2002	D462699
335.	Airlift Pump	US	4/13/2009	29/335279		5/3/2011	D637208

Grantor: Siemens Water Technologies LLC (REEL FRAME 032126/0430)							
	Patent Title	Country	Application Date	Application No.	Publication No.	Issue Date	Patent No.
336.	Moving Bed Biofilm Reactor Media	US	9/28/2010	29/375844		9/13/2011	D645116
337.	Moving Bed Biofilm Reactor Media	US	9/28/2010	29/375846		11/15/2011	D648821
338.	Gas Sparging Device	US	3/26/2013	29/450953			
339.	Filtration Assembly	US	12/18/2013	29/476930			
340.	Filtration Manifold	US	12/18/2013	29/476932			
341.	Filtration Header	US	12/18/2013	29/476934			
342.	Filtration Module	US	12/18/2013	29/476936			
343.	Odor Control System (Re-Exam)	US	4/30/2004	90/007022			
344.	One Piece Gasket Assembly	US	1/24/2013	61/756161			
345.	Surface Wasting System	US	1/29/2013	61/757780			
346.	Dispersant Enhanced Ballast Recovery	US	2/5/2013	61/760850			
347.	Kinetic Dye Test Method for Activated Carbons	US	3/15/2013	61/793438			
348.	Enhanced Biosorption of Wastewater Organics Using Dissolved Air Flotation with Solids Recycle	US	5/6/2013	61/819822			
349.	Aerated Anoxic Anammox	US	6/18/2013	61/836302			
350.	Annamox Selection Using Dissolved Air Flotation and Anaerobic Digester Recycle	US	8/22/2013	61/868802			
351.	Hybrid Aerobic and Anaerobic Wastewater and Sludge Treatment Systems and Methods	US	9/20/2013	14/033084			
352.	Use of a Mechanical Lift Inside a Tubular Column To Prevent Plugging and Fusing of the Media	US	11/6/2013	61/900544			
353.	Apparatus and Methods To Recover Media From an Activated Iron Process	US	11/4/2013	61/899505			
354.	Fuzzy Logic Control of Ph On a Biotrickling Filter	US	10/25/2013	61/895645			
355.	UV Reactor with Improved Flow Distribution	US	11/19/2013	61/906125			

	Grantor: Siemens Water Technologies LLC (REEL FRAME 032126/0430)						
	Patent Title	Country	Application Date	Application No.	Publication No.	Issue Date	Patent No.
356.	Chlorine Dioxide Generation Systems	US	11/25/2013	14/089325			

3. PATENTS AND PATENT APPLICATIONS (CONT.)
(REEL/FRAME 038465/0008)

	<i>Title</i>	<i>Application No. / Patent No.</i>	<i>Date of Application/ Issuance</i>	<i>Grantor</i>
1.	MEDIA BED FILTERS FOR FILTERING FINE PARTICLES FROM A RAW LIQUID FLOW AND METHOD OF USING THE SAME	13/943,323	July 16, 2013	Neptune-Benson, LLC
2.	FLUID STRAINER ASSEMBLY	7,282,142	October 16, 2007	Neptune-Benson, LLC
3.	FLUID STRAINER ASSEMBLY	8,038,879	October 18, 2011	Neptune-Benson, LLC
4.	MULTI-SEGMENTED TUBE SHEET	9,149,742	October 6, 2015	Neptune-Benson, LLC
5.	MULTI-SEGMENTED TUBE SHEET	9,127,896	September 8, 2015	Neptune-Benson, LLC
6.	ADVANCED OXIDATION SYSTEM AND METHOD IN A UV REACTOR WITH ELECTRODE	14/229,775	March 28, 2014	Neptune-Benson, LLC
7.	MULTI-SEGMENTED TUBE SHEET	14/830,956	August 20, 2015	Neptune-Benson, LLC
8.	MULTI-SEGMENTED TUBE SHEET	14/830,994	August 20, 2015	Neptune-Benson, LLC
9.	STRAINER AND STRAINER CONTROL SYSTEM Our Ref.: 03447	14/799,202	July 14, 2015	Neptune-Benson, LLC
10.	MULTI-SEGMENTED TUBE SHEET	15/050,934	February 23, 2016	Neptune-Benson, LLC
11.	MULTI-SEGMENTED TUBE SHEET	15/050,985	February 23, 2016	Neptune-Benson, LLC

4. PATENTS AND PATENT APPLICATIONS (CONT.)
(REEL/FRAME 038465/0091)

	<i>Title</i>	<i>Application No./ Patent No.</i>	<i>Date Application/Issuance of</i>	<i>Grantor</i>
1.	MEDIA BED FILTERS FOR FILTERING FINE PARTICLES FROM A RAW LIQUID FLOW AND METHOD OF USING THE SAME	13/943,323	July 16, 2013	Neptune- Benson, LLC
2.	FLUID STRAINER ASSEMBLY	7,282,142	October 16, 2007	Neptune- Benson, LLC
3.	FLUID STRAINER ASSEMBLY	8,038,879	October 18, 2011	Neptune- Benson, LLC
4.	MULTI- SEGMENTED TUBE SHEET	9,149,742	October 6, 2015	Neptune- Benson, LLC
5.	MULTI- SEGMENTED TUBE SHEET	9,127,896	September 8, 2015	Neptune- Benson, LLC
6.	ADVANCED OXIDATION SYSTEM AND METHOD IN A UV REACTOR WITH ELECTRODE	14/229,775	March 28, 2014	Neptune- Benson, LLC
7.	MULTI- SEGMENTED TUBE SHEET	14/830,956	August 20, 2015	Neptune- Benson, LLC
8.	MULTI- SEGMENTED TUBE SHEET	14/830,994	August 20, 2015	Neptune- Benson, LLC
9.	STRAINER AND STRAINER CONTROL SYSTEM Our Ref.: 03447	14/799,202	July 14, 2015	Neptune- Benson, LLC

10.	MULTI-SEGMENTED TUBE SHEET	15/050,934	February 23, 2016	Neptune-Benson, LLC
11.	MULTI-SEGMENTED TUBE SHEET	15/050,985	February 23, 2016	Neptune-Benson, LLC

5. PATENTS AND PATENT APPLICATIONS (CONT.)
(REEL/FRAME 052189/0948)

	<i>Description</i>	<i>Application No./Patent No./Publication No.</i>	<i>Grantor</i>
1.	System and Method for the Treatment of Wastewater	US Pat. No. 9255025 Appl. No. 13/947883	Evoqua Water Technologies LLC
2.	System and Method for the Treatment of Wastewater	US Pat No. 10160664 Appl. No. 14/983831	Evoqua Water Technologies LLC
3.	System and Method for the Treatment of Wastewater	US Pub. No. 20190194036 Appl. No. 16/231861	Evoqua Water Technologies LLC
4.	System and Method for the Treatment of Wastewater	US Pub. No. 20190330080 Appl. No. 16/299691	Evoqua Water Technologies LLC
5.	System and Method for Combusting Volatile Vapors	US Pat. No. 9523330 Appl. No. 14/275579	Evoqua Water Technologies LLC
6.	System and Method for Combusting Volatile Vapors	US Pat. No. 9777675 Appl. No. 15/385084	Evoqua Water Technologies LLC
7.	System and Method for Combusting Volatile Vapors	US Pat. No. 9885317 Appl. No. 15/613729	Evoqua Water Technologies LLC
8.	System and Method for Combusting Volatile Vapors	US Pat. No. 10138845 Appl. No. 15/888635	Evoqua Water Technologies LLC
9.	System and Method for the Treatment of Wastewater	US Pat. No. 9682876 Appl. No. 13/470894	Evoqua Water Technologies LLC
10.	System and Method for Combusting Volatile Vapors	US Pub. No. 20190145351 Appl. No. 16/199841 (abandoned)	Evoqua Water Technologies LLC
11.	System and Method for the Treatment of Wastewater	US Pub. No. 20120285894 Appl. No. 13/470915 (abandoned)	Evoqua Water Technologies LLC
12.	System and Method for the Treatment of Wastewater	US Pub. No. 20170267559 Appl. No. 15/610867 (abandoned)	Evoqua Water Technologies LLC

13.	Apparatus for Air Stripping Contaminants from Water	US Pat. No. 5378267 Appl. No. 08043264 (expired)	Evoqua Water Technologies LLC
14.	Gas-Liquid Contacting Apparatus with Valved Downcomer	US Pat. No. 5478507 Appl. No. 08/197938 (expired)	Evoqua Water Technologies LLC

6. PATENTS AND PATENT APPLICATIONS (CONT.)
(REEL/FRAME 046860/0011)

	<i>Title</i>	<i>Application No./Patent No./Publication No.</i>	<i>Grantor</i>
1.	Method for the Treatment of Wastewater	US 9,255,025	ProAct Services Corporation
2.	System and Method for the Treatment of Wastewater	US 9,682,876	ProAct Services Corporation
3.	System and Method for Combusting Volatile Vapors	US 9,777,675	ProAct Services Corporation
4.	System and Method for the Treatment of Wastewater	US 20160107902	ProAct Services Corporation
5.	System and Method for Combusting Volatile Vapors	US 9,523,330	ProAct Services Corporation
6.	System and Method for the Treatment of Wastewater	US 20170267559	ProAct Services Corporation
7.	System and Method for Combusting Volatile Vapors	US 9,885,317	ProAct Services Corporation
8.	System and Method for Combusting Volatile Vapors	US 20180156161	ProAct Services Corporation

7. PATENTS AND PATENT APPLICATIONS (CONT.)
(REEL/FRAME 045790/0257)

	<i>Title</i>	<i>Application No./Patent No.</i>	<i>Grantor</i>
1.	Ozone Cell Power Supply	14849659	Pacific Ozone Technology, Inc.
2.	Ozone Generation System	15136526	Pacific Ozone Technology, Inc.

8. PATENTS AND PATENT APPLICATIONS (CONT.)
(REEL/FRAME 044995/0845)

	<i>Title</i>	<i>Application No./Patent No.</i>	<i>Grantor</i>
1.	Sprinkler apparatus and related methods	US7111796	Neptune-Benson, LLC
2.	Filter and filter cleaning apparatus and related methods	US8028841	Neptune-Benson, LLC
3.	Filter and filter cleaning apparatus and related methods	US6959818	Neptune-Benson, LLC