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To the Director of the U.S. Patents and Trademark Office, at the address(es) or the new address(es) below.

1. Name of conveying party(ies):

Zenon Environmental Inc.

2. Name and address of receiving party(ies)

Name: Zenon Technology Partnership

Internal Address: The Corporation Trust Company

Additional name of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

Execution Date(s) May 30, 2006

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

Street Address: Corporation Trust Centre, 1209 Orange Street

City: Wilmington

State: Delaware

Country: U.S.A. Zip: 19801

Additional Name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

02/20/2007 DBYRNE 00000052 022095 6790360

01 FC:0021 (120.00 DA)

B. Patent No.(s)

6,790,360

6,893,568

6,325,928

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning this document should be mailed:

Name: Bereskin & Parr

Internal Address:

Street Address: 40 King Street West

City: Toronto

State: Ontario Zip: M5H 3Y2

Phone Number: (416) 364-7311

Fax Number: (416) 361-1398

Email Address:

6. Total number of applications and patents involved: 3

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 120.00

- ☐ Authorized to be charged by credit card
☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number 022095

Authorized User Name Meredith B. Brill

February 13, 2007

9. Signature :

Meredith Brill
Signature

Meredith B. Brill

Date

Total number of pages including cover sheet, attachments, and documents 7

Name of Person Signing

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

UNITED STATES ASSIGNMENT

WHEREAS, **ZENON ENVIRONMENTAL INC.** is the owner of the United States Patents and Applications listed in Schedule "A" and the inventions described therein (hereinafter referred to as "the Intellectual Property");

AND WHEREAS, **ZENON TECHNOLOGY PARTNERSHIP**, a partnership under the laws of Delaware, U.S.A., and having a place of business at **The Corporation Trust Company, Corporation Trust Centre, 1209 Orange Street, Wilmington, Delaware, 19801 U.S.A.**, has acquired from **ZENON ENVIRONMENTAL INC.** the whole right, title and interest for the United States of America and all other countries in and to the Intellectual Property pursuant to an Asset Purchase Agreement between them effective May 29, 2006;

NOW THEREFORE, in consideration of good and valuable consideration as provided in the Asset Purchase Agreement, the receipt of all of which is hereby acknowledged, **ZENON ENVIRONMENTAL INC.**, confirms that as of May 29, 2006 it has sold, assigned and transferred and, for greater certainty, does hereby sell, assign and transfer unto **ZENON TECHNOLOGY PARTNERSHIP**, the whole right, title and interest in the Intellectual Property, and any divisions, continuations, continuations-in-part, re-issued or re-examined Letters Patent or extensions of the Intellectual Property, together with the right to claim the benefit of any rights of priority available based on the Intellectual Property.

ZENON ENVIRONMENTAL INC. agrees that it will without further consideration do all such things and execute all such documents as may be necessary or desirable to obtain and maintain patents for said Intellectual Property and for additions and modifications thereto in any and all countries, and to vest title thereto in said assignee, its successors, assigns and legal representatives or nominees.

ZENON ENVIRONMENTAL INC. hereby authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent to **ZENON**

TECHNOLOGY PARTNERSHIP, as the same would have been held by ZENON ENVIRONMENTAL INC., had this assignment not been made.

The undersigned hereby grant(s) the firm of Bereskin & Parr (Box 401, 40 King Street West, Toronto, Ontario, Canada M5H 3Y2) the power to insert on this assignment any further identification or to make any amendments to the description of the patents or applications which may be necessary or desirable in order to correct any clerical errors or to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

SIGNED this 30th day of May, 2006, at
Toronto, Canada

[Signature]
Witness

[Signature]
ZENON ENVIRONMENTAL INC.
Name: Seymour Trachtenovsky
Title: Chief Legal Officer

Application No.	Patent No.	Application Date	Issue Date	Title
09/333,669	RE37,549	6/15/99	2/19/02	Vertical skein of hollow fiber membranes and method of maintaining clean fiber surfaces while filtering a substrate to withdraw a permeate
11/038278	7052610	1/21/05	5/30/06	Immersed membrane filtration system and overflow process
10/146934	7037426	005/17/2002	5/2/06	Immersed membrane apparatus
11/006,626	7025885	12/8/04	4/11/06	Water filtration using immersed membranes
10/950,460	7022236	9/28/04	4/4/06	Membrane bioreactor, process and aerator
10/766,846	7022231	1/30/04	4/4/06	Apparatus incorporating potted hollow fiber membranes
10/680,145	7014173	10/8/03	3/21/06	Cyclic aeration system for submerged membrane modules
10/376,477	6964741	3/3/03	11/15/05	Apparatus for withdrawing permeate using an immersed vertical skein of hollow fibre membranes
10/661,518	6908547	9/15/03	6/21/05	Membrane module for gas transfer and membrane supported biofilm process
10/098,365	6899812	3/18/02	5/31/05	Water filtration using immersed membranes
10/790,239	6899811	3/2/04	5/31/05	Immersed membrane apparatus
09/565,032	6893568	5/5/00	5/17/05	Immersed membrane filtration system and overflow process
10/684,406	6881343	10/15/03	4/19/05	Cyclic aeration system for membrane modules
10/314,334	6878276	12/9/02	4/12/05	Methods of making stretched filtering membranes and membrane modules
10/171,997	6863823	6/17/02	3/8/05	Inverted air box aerator and aeration method for immersed membranes
10/309,819	6863817	12/5/02	3/8/05	Membrane Bioreactor, Process and Aerator
09/892,860	6814868	6/28/01	11/9/04	A process for reducing concentrations of hair, trash, or fibrous materials, in a wastewater treatment system
10/286,930	6814861	11/4/02	11/9/04	Ultrafiltration and Microfiltration Module and System
09/889,352	6790360	11/15/00	9/14/04	Immersed membrane element and module
10/105,843	6708957	3/25/02	3/23/04	Moving aerator for immersed membranes
10/369,699	6706189	2/21/03	3/16/04	Cyclic aeration system for submerged membrane modules
09/893,638	6702944	6/29/01	3/9/04	Multi stage filtration and softening module and reduced scaling operation
10/167,699	6685832	6/13/02	2/3/04	Method of potting hollow fiber membranes

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10/178,838	6682652	6/25/02	1/27/04	Apparatus for withdrawing permeate using an immersed vertical skein of hollow fibre membranes
09/848,012	6656356	5/3/01	12/2/03	Aerated immersed membrane system
10/370,527	6645374	2/24/03	11/11/03	Membrane module for gas transfer and membrane supported biofilm process
09/849,573	6620319	5/4/01	9/16/03	Apparatus for withdrawing permeate using an immersed vertical skein of hollow fiber membranes
09/856,504	6616843	8/30/01	9/9/03	Submerged membrane bioreactor for nitrogen treatment
09/847,338	6592759	5/3/01	7/15/03	Gel Potting method and method to reduce twinning for filtering hollow fibre membranes
09/648,854	6589426	8/25/00	7/8/03	Ultrafiltration and microfiltration module and system
09/799,524	6558549	3/7/01	5/6/03	Membrane for gas transfer and membrane supported biofilm process
09/814,737	6550747	3/23/01	4/22/03	Cyclic aeration system for submerged membrane modules
09/425,235	6547968	10/25/99	4/15/03	Pulsed backwash for immersed membranes
10/134,449	6485645	4/30/02	11/26/02	Biological process for removing phosphorus involving a membrane filter
09/840,918	6451201	4/25/01	9/17/02	Distributed on-line integrity testing for immersed membranes
09/646,115	6406629	7/19/00	6/18/02	Biological process for removing phosphorus involving a membrane filter
09/444,414	6375848	11/22/99	4/23/02	Water Filtration using immersed membranes
09/677,703	6361695	9/30/00	3/26/02	Shipboard wastewater treatment system
09/335,073	6354444	6/17/99	3/12/02	Hollow fiber membrane and braided tubular support therefor
09/505,718	6325928	2/17/00	12/4/01	Immersed membrane element and module
09/414,370	6319411	10/7/99	11/20/01	Method of maintaining clean vertical skeins of hollow fibre membranes and system therefor
09/425,236	6303035	10/25/99	10/16/01	Immersed membrane filtration process
09/507,438	6294039	2/19/00	9/25/01	Potted header for hollow fiber membranes and method of making it
09/365,280	6267891	7/30/99	7/31/01	High purity water production using ion exchange
09/330,641	6258278	6/11/99	7/10/01	High purity water production
09/488,359	6245239	1/19/00	6/12/01	Cyclic aeration system for submerged membrane modules
09/384,638	6214231	8/27/99	4/10/01	System for operation of a multiplicity of membrane filtration assemblies

Application No.	Patent No.	Application Date	Issue Date	Title
09/386,575	6193890	8/30/99	2/27/01	System for maintaining a clean skein of hollow fibers membranes while filtering suspended solids
08/988105	6126834	12/10/97	10/3/00	High resistivity water production with controlled temperatures
09/056964	6120689	4/8/98	9/19/00	High purity water using triple pass reverse osmosis
09/020726	6120688	2/9/98	9/19/00	Portable reverse osmosis for producing drinking water
08/808,993	6080316	3/3/97	6/27/00	High resistivity water production
09/068,922	6045698	7/29/98	4/4/00	Method for cleaning a filtration installation of the type with immersed membranes
09/258999	6042677	2/26/99	3/28/00	Potted header for hollow fiber membranes and method for making it
08/944,082	6027649	10/4/97	2/22/00	Process for purifying water using fine floc microfiltration in a single tank reactor
9312149	6024872	5/14/99	2/15/00	Method of making a dope comprising hydrophilized PVDF and α -alumina, and a membrane made therefrom
09/056,962	5997745	4/8/98	12/7/99	Method for producing high purity water using triple pass reverse osmosis
08/804,279	5958243	3/3/97	9/28/99	Apparatus and method for membrane filtration with enhanced net flux
09/024,417	5944997	2/17/98	8/31/99	System for maintaining a clean skein of hollow fibers while filtering suspended solids
08/823533	5932099	3/24/97	8/3/99	Installation for biological water treatment for the production of drinkable water
08/886652	5914039	7/1/97	6/22/99	Filtration membrane with calcined α -alumina particles dispersed therein
08/896517	5910250	6/16/97	6/8/99	Baffle for conversion of fine bubbles to coarse while filtering with a vertical skein of hollow fibers
08/690,045	5783083	7/31/96	7/21/98	Vertical cylindrical skein of hollow fiber membranes and method of maintaining clean fiber surfaces
08/718,157	5716689	10/19/96	2/10/98	Hollow fiber membrane carpet manufacturing method and an elementary carpet member and carpet
08/512108	5670053	8/7/95	9/23/97	Purification of gases from water using reverse osmosis
08/514,119	5639373	8/11/95	6/17/97	Vertical skein of hollow fiber membranes and method of maintaining clean fiber surfaces
8410730	5558774	3/27/95	9/24/96	Aerated hot membrane bioreactor process for treating recalcitrant compounds

Application No.	Patent No.	Application Date	Issue Date	Title
08/225454	5501798	4/6/94	3/26/96	Microfiltration enhanced reverse osmosis for water treatment
08/170,033	5472607	12/20/93	12/5/95	Hollow fibre semipermeable membrane of tubular braid and method for producing it
08/170053	5403479	12/20/93	4/4/95	In situ cleaning system for fouled membranes
08/048915	5401400	4/19/93	3/28/95	Membrane bioreactor system for treating synthetic metal-working fluids and oil-based products
08/002716	5258121	1/11/93	11/2/93	Waste treatment with nitrate removal
07/977,601	5248424	11/17/92	9/28/93	Frameless array of hollow fiber membranes and method of maintaining clean fiber surfaces while filtering a substrate to withdraw a permeate
07/959,086	5244579	10/9/92	9/14/93	Transportable reverse osmosis water purification unit
07/961140	5238562	10/13/92	8/24/93	Fiber membrane elements and modules and methods of fabrication for improved fluid separation
07/501997	5227063	3/30/90	7/13/93	Tubular Membrane Module
07/773226	5204001	10/9/91	4/20/93	Membrane bioreactor system for treating synthetic metal-working fluids and oil-based products
07/655206	5116506	2/11/91	5/26/92	Support aerated biofilm reactor
07/208737	4904387	6/17/88	2/27/90	Waste treatment and water recycling toilet system
07/199,823	4897191	5/27/88	1/30/90	Tubular membrane module with fluid shear protection