Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT	
CONVEYING PAR	ΓΥ DATA			
		Name	Execution Date	
Harold E. Childers	11		06/19/2007	
Randolfo Fernandez			06/26/2007	
Rudolf C. Matousek			06/11/2007	
James B. Moore			06/11/2007	
David W. Hill			06/11/2007	
RECEIVING PART	Y DATA			
Name: Severn Trent De Nora, L.L.C.				
Street Address:	1110 Industrial Blvd.			
City:	Sugar Land			
State/Country:				
Postal Code:	77478			
Property Type		Nun	nber	
Application Number:		11757315		
CORRESPONDEN	CE DATA			
Fax Number: (713)975-0995				
Correspondence w	. ,	Mail when the fax attempt is unsucces	ssful.	
Phone:	713-97			
Email: patrick@patents-trademark.com				
Correspondent Nar		erine D'Ambrosio		
Address Line 1: Address Line 4:		Nestheimer Rd., Ste. 465 n, TEXAS 77042		
ATTORNEY DOCKET NUMBER:		SEVR150CIP		
NAME OF SUBMITTER:		Patrick Traister		
		J	PATENT	

Total Attachments: 10 source=signedAssignments#page1.tif source=signedAssignments#page2.tif source=signedAssignments#page3.tif source=signedAssignments#page5.tif source=signedAssignments#page6.tif source=signedAssignments#page7.tif source=signedAssignments#page8.tif source=signedAssignments#page9.tif source=signedAssignments#page10.tif

FOR the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged,

ASSIGNOR: Harold E. Childers II

do hereby SELL, ASSIGN AND TRANSFER to

ASSIGNEE Severn Trent De Nora, L.L.C. 1110 Industrial Blvd. Sugar Land, Texas 77478 USA

and the successors and legal representatives of the ASSIGNEE, an undivided One Hundred per cent (100%) right, title and interest for the United States, its territorial possessions and for any and all foreign countries, including all rights to claim priority and to any and all improvements which are disclosed in the invention and application for a patent, which is executed by the ASSIGNOR herewith and is entitled <u>SYSTEM AND PROCESS FOR TREATMENT AND DE-HALOGENATION OF BALLAST WATER Serial No. 11/757,315</u>, Invented By: Harold E. Childers II, Randolfo Fernandez, Rudolf C. Matousek, David W. Hill and James B. Moore, and to all Letters Patent to be obtained for said invention by the above application and all divisional, continuing, substitute, renewal, reissue and other applications for patent which have been or shall be filed in the United States or any foreign country on any of such improvements and all original and reissued patents which have been or shall be issued in the United States or any foreign country on such improvements for the full term(s) for which the same may be granted;

AUTHORIZE AND REQUEST the Patent and Trademark Office to issue any and all such patents granted on such improvements to the ASSIGNEE;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the ASSIGNOR, and that the full right to convey the same as herein expressed is possessed by the ASSIGNOR;

said application, said invention and said Letters Patent, and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

ASSIGNOR further coventants that, when requested and at the expense of the ASSIGNEE, to carry out in good faith the intent and purpose of this assignment, the ASSIGNOR will execute and deliver to the ASSIGNEE all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements, execute and deliver to the ASSIGNEE all rightful oaths, declarations, assignments, powers of attorney and other papers, communicate to the ASSIGNEE all facts known to the ASSIGNOR relating to such improvements and the history thereof, and generally do everything possible which the ASSIGNEE shall consider desirable for vesting title to such improvements in the ASSIGNEE, and for securing, maintaining and enforcing proper patent protection for such improvements;

SAID ASSIGNMENT TO BE BINDING on the heirs, assigns, representatives and successors of the ASSIGNOR and extend to the successors, assigns and nominees of the ASSIGNEE.

Harold E. Childers II

Date

STATE OF CLEXAS COUNTY OF Fort Benc



BEFORE ME, the undersigned authority, on this day personally appeared, the above named individual, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.

- Imida Interot Stilliams

Signature of Notary Public

FOR the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged,

ASSIGNOR: Randolfo Fernandez

do hereby SELL, ASSIGN AND TRANSFER to

ASSIGNEE Severn Trent De Nora, L.L.C. 1110 Industrial Blvd. Sugar Land, Texas 77478 USA

and the successors and legal representatives of the ASSIGNEE, an undivided One Hundred per cent (100%) right, title and interest for the United States, its territorial possessions and for any and all foreign countries, including all rights to claim priority and to any and all improvements which are disclosed in the invention and application for a patent, which is executed by the ASSIGNOR herewith and is entitled <u>SYSTEM AND PROCESS FOR TREATMENT AND DE-HALOGENATION OF BALLAST WATER Serial No. 11/757,315</u>, Invented By: Harold E. Childers II, Randolfo Fernandez, Rudolf C. Matousek, David W. Hill and James B. Moore, and to all Letters Patent to be obtained for said invention by the above application and all divisional, continuing, substitute, renewal, reissue and other applications for patent which have been or shall be filed in the United States or any foreign country on any of such improvements and all original and reissued patents which have been or shall be issued in the United States or any foreign country on such improvements for the full term(s) for which the same may be granted;

AUTHORIZE AND REQUEST the Patent and Trademark Office to issue any and all such patents granted on such improvements to the ASSIGNEE;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the ASSIGNOR, and that the full right to convey the same as herein expressed is possessed by the ASSIGNOR;

said application, said invention and said Letters Patent, and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

ASSIGNOR further coventants that, when requested and at the expense of the ASSIGNEE, to carry out in good faith the intent and purpose of this assignment, the ASSIGNOR will execute and deliver to the ASSIGNEE all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements, execute and deliver to the ASSIGNEE all rightful oaths, declarations, assignments, powers of attorney and other papers, communicate to the ASSIGNEE all facts known to the ASSIGNOR relating to such improvements and the history thereof, and generally do everything possible which the ASSIGNEE shall consider desirable for vesting title to such improvements in the ASSIGNEE, and for securing, maintaining and enforcing proper patent protection for such improvements;

SAID ASSIGNMENT TO BE BINDING on the heirs, assigns, representatives and successors of the ASSIGNOR and extend to the successors, assigns and nominees of the ASSIGNEE.

26 June OF Date Randolfo Fernandez LINDA FONTENOT WILLIAMS STATE OF Texas § Notary Public, State of Texas My Commission Expires **COUNTY OF Harris** § May 05, 2011

BEFORE ME, the undersigned authority, on this day personally appeared, the above named individual, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.

Signature of Notary Public

FOR the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged,

ASSIGNOR: Rudolf C. Matousek

do hereby SELL, ASSIGN AND TRANSFER to

ASSIGNEE Severn Trent De Nora, L.L.C. 1110 Industrial Blvd. Sugar Land, Texas 77478 USA

and the successors and legal representatives of the ASSIGNEE, an undivided One Hundred per cent (100%) right, title and interest for the United States, its territorial possessions and for any and all foreign countries, including all rights to claim priority and to any and all improvements which are disclosed in the invention and application for a patent, which is executed by the ASSIGNOR herewith and is entitled <u>SYSTEM AND PROCESS FOR TREATMENT AND DE-HALOGENATION OF BALLAST WATER Serial No. 11/757,315</u>, Invented By: Harold E. Childers II, Randolfo Fernandez, Rudolf C. Matousek, David W. Hill and James B. Moore, and to all Letters Patent to be obtained for said invention by the above application and all divisional, continuing, substitute, renewal, reissue and other applications for patent which have been or shall be filed in the United States or any foreign country on any of such improvements and all original and reissued patents which have been or shall be issued in the United States or any foreign country on such improvements for the full term(s) for which the same may be granted;

AUTHORIZE AND REQUEST the Patent and Trademark Office to issue any and all such patents granted on such improvements to the ASSIGNEE;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the ASSIGNOR, and that the full right to convey the same as herein expressed is possessed by the ASSIGNOR;

said application, said invention and said Letters Patent, and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

ASSIGNOR further coventants that, when requested and at the expense of the ASSIGNEE, to carry out in good faith the intent and purpose of this assignment, the ASSIGNOR will execute and deliver to the ASSIGNEE all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements, execute and deliver to the ASSIGNEE all rightful oaths, declarations, assignments, powers of attorney and other papers, communicate to the ASSIGNEE all facts known to the ASSIGNOR relating to such improvements and the history thereof, and generally do everything possible which the ASSIGNEE shall consider desirable for vesting title to such improvements in the ASSIGNEE, and for securing, maintaining and enforcing proper patent protection for such improvements;

assigns, SAID ASSIGNMENT TO BE BINDING on the heirs, representatives and successors of the ASSIGNOR and extend to the successors, assigns and nominees of the ASSIGNEE.

Rudolf C. Matousek

STATE OF Texas

COUNTY OF Fort Bend



BEFORE ME, the undersigned authority, on this day personally appeared, the above named individual, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.

Mida-Fontenet Stilliams

FOR the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged,

ASSIGNOR: James B. Moore

do hereby SELL, ASSIGN AND TRANSFER to

ASSIGNEE Severn Trent De Nora, L.L.C. 1110 Industrial Blvd. Sugar Land, Texas 77478 USA

and the successors and legal representatives of the ASSIGNEE, an undivided One Hundred per cent (100%) right, title and interest for the United States, its territorial possessions and for any and all foreign countries, including all rights to claim priority and to any and all improvements which are disclosed in the invention and application for a patent, which is executed by the ASSIGNOR herewith and is entitled <u>SYSTEM AND PROCESS FOR TREATMENT AND DE-HALOGENATION OF BALLAST WATER Serial No. 11/757,315</u>, Invented By: Harold E. Childers II, Randolfo Fernandez, Rudolf C. Matousek, David W. Hill and James B. Moore, and to all Letters Patent to be obtained for said invention by the above application and all divisional, continuing, substitute, renewal, reissue and other applications for patent which have been or shall be filed in the United States or any foreign country on any of such improvements and all original and reissued patents which have been or shall be issued in the United States or any foreign country on such improvements for the full term(s) for which the same may be granted;

AUTHORIZE AND REQUEST the Patent and Trademark Office to issue any and all such patents granted on such improvements to the ASSIGNEE;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the ASSIGNOR, and that the full right to convey the same as herein expressed is possessed by the ASSIGNOR;

ASSIGNOR further coventants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or her legal representative any and all papers, documents instruments of affidavits required to apply for, obtain, maintain, isuue and enforce

> PATENT REEL: 019514 FRAME: 0389

said application, said invention and said Letters Patent, and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

ASSIGNOR further coventants that, when requested and at the expense of the ASSIGNEE, to carry out in good faith the intent and purpose of this assignment, the ASSIGNOR will execute and deliver to the ASSIGNEE all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements, execute and deliver to the ASSIGNEE all rightful oaths, declarations, assignments, powers of attorney and other papers, communicate to the ASSIGNEE all facts known to the ASSIGNOR relating to such improvements and the history thereof, and generally do everything possible which the ASSIGNEE shall consider desirable for vesting title to such improvements in the ASSIGNEE, and for securing, maintaining and enforcing proper patent protection for such improvements;

SAID ASSIGNMENT TO BE BINDING on the heirs, assigns, representatives and successors of the ASSIGNOR and extend to the successors, assigns and nominees of the ASSIGNEE.

Jámes B. Moore

シレ くひ Date

STATE OF Texas

LINDA FONTENOT WILLIAMS Notary Public, State of Texas My Commission Expires

May 05, 2011

COUNTY OF Fort Bend

BEFORE ME, the undersigned authority, on this day personally appeared, the above named individual, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.

§

§

Sida Fortanot Stilleans

Signature of Notary Public

FOR the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged,

ASSIGNOR: David W. Hill

do hereby SELL, ASSIGN AND TRANSFER to

ASSIGNEE Severn Trent De Nora, L.L.C. 1110 Industrial Blvd. Sugar Land, Texas 77478 USA

and the successors and legal representatives of the ASSIGNEE, an undivided One Hundred per cent (100%) right, title and interest for the United States, its territorial possessions and for any and all foreign countries, including all rights to claim priority and to any and all improvements which are disclosed in the invention and application for a patent, which is executed by the ASSIGNOR herewith and is entitled <u>SYSTEM AND PROCESS FOR TREATMENT AND DE-HALOGENATION OF BALLAST WATER Serial No. 11/757,315</u>, Invented By: Harold E. Childers II, Randolfo Fernandez, Rudolf C. Matousek, David W. Hill and James B. Moore, and to all Letters Patent to be obtained for said invention by the above application and all divisional, continuing, substitute, renewal, reissue and other applications for patent which have been or shall be filed in the United States or any foreign country on any of such improvements and all original and reissued patents which have been or shall be issued in the United States or any foreign country on such improvements for the full term(s) for which the same may be granted;

AUTHORIZE AND REQUEST the Patent and Trademark Office to issue any and all such patents granted on such improvements to the ASSIGNEE;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the ASSIGNOR, and that the full right to convey the same as herein expressed is possessed by the ASSIGNOR;

said application, said invention and said Letters Patent, and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

ASSIGNOR further coventants that, when requested and at the expense of the ASSIGNEE, to carry out in good faith the intent and purpose of this assignment, the ASSIGNOR will execute and deliver to the ASSIGNEE all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements, execute and deliver to the ASSIGNEE all rightful oaths, declarations, assignments, powers of attorney and other papers, communicate to the ASSIGNEE all facts known to the ASSIGNOR relating to such improvements and the history thereof, and generally do everything possible which the ASSIGNEE shall consider desirable for vesting title to such improvements in the ASSIGNEE, and for securing, maintaining and enforcing proper patent protection for such improvements;

heirs, SAID ASSIGNMENT TO BE BINDING on the assigns, and extend to the representatives and successors of the ASSIGNOR successors, assigns and nominees of the ASSIGNEE.

avid U) The

David W. Hill

6/11/17

Date

STATE OF Texas COUNTY OF_Fort Bend



BEFORE ME, the undersigned authority, on this day personally appeared, the above named individual, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.

Signature of Notary Public

PATENTS/PIO/ASS

RECORDED: 07/03/2007

PATENT REEL: 019514 FRAME: 0392