

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4796926

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MICHAEL TARDIE	01/10/2018
FRANK MERCHEL	01/10/2018
ROBERT SHORT	01/11/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	GL&V LUXEMBOURG S.A.R.L.
<b>Street Address:</b>	6C, RUE GABRIEL LIPPMANN
<b>City:</b>	MUNSBACH
<b>State/Country:</b>	LUXEMBOURG
<b>Postal Code:</b>	L-5365
<b>PROPERTY NUMBERS Total: 2</b>	
<b>Property Type</b>	<b>Number</b>
<b>PCT Number:</b>	US2016042315
<b>Application Number:</b>	14800215
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(801)931-3090
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	8019313151
<b>Email:</b>	loretta.bogaard@glv.com
<b>Correspondent Name:</b>	GL&V LUXEMBOURG S.A.R.L.
<b>Address Line 1:</b>	4246 RIVERBOAT ROAD
<b>Address Line 2:</b>	SUITE 300
<b>Address Line 4:</b>	SALT LAKE CITY, UTAH 84123
<b>ATTORNEY DOCKET NUMBER:</b>	414-30879-US
<b>NAME OF SUBMITTER:</b>	LORETTA BOGAARD
<b>SIGNATURE:</b>	/Loretta Bogaard/
<b>DATE SIGNED:</b>	01/28/2018
<b>Total Attachments: 5</b>	
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## ASSIGNMENT

ASSIGNMENT made by Frank Merchel (hereinafter referred to as "ASSIGNOR"), an individual, having a principal address of 2 Rosewood Road, Windham, New Hampshire 03087 and Michael Tardie (hereinafter referred to as "ASSIGNOR"), an individual, having a principal address of 143 Canterbury Drive, Lunenburg, Massachusetts 01462 and Robert Short (hereinafter referred to as "ASSIGNOR"), an individual, having a principal address of 9 Icehouse Lane, Greenfield, New Hampshire 03047 (hereinafter Said Inventor(s)) to GL&V Luxembourg S.à.r.l. (hereinafter referred to as "ASSIGNEE"), a Luxembourg corporation, having a principal place of business at 6C, Rue Gabriel Lippmann, L-5365, Munsbach, Luxembourg.

IN CONSIDERATION of good and valuable considerations, the receipt of which is hereby acknowledged, Said Inventor(s) do hereby sell, assign and transfer to GL&V Luxembourg S.à.r.l. its successors and assigns, the entire right, title and interest in *A Rotary Drum Filtering Apparatus* and the invention therein as set forth in their application for United States Letters Patent therefor, executed on even date herewith, and in and to said application and any divisions or continuations thereof, and any Letters Patent obtained for said invention in the United States and foreign countries, or issuing out of said application or any such division or continuation thereof, and any reissues or extensions of any such Letters Patent.

The Commissioner of Patents is hereby authorized and requested to issue Letters Patent for said invention to said GL&V Luxembourg S.à.r.l. as assignee of the entire right, title and interest therein.

And, Said Inventor(s) hereby covenant that they have full right to convey the entire right, title and interest in said invention, and that they have not executed and will not execute any agreement in conflict herewith.

And, they further covenant that they will at any time, upon request, execute and deliver any and all papers that may be necessary or desirable to perfect the title in said GL&V Luxembourg S.à.r.l. to said invention or any Letters Patent that may be granted therefor, and that if said GL&V Luxembourg S.à.r.l. or its assignee, desires to make a substitute, divisional or continuation application for said invention, or to secure a reissue or extension of said Letters Patent, to file a disclaimer relating thereto, or an application for a corresponding patent in any foreign country, that they will, upon request, sign all papers, make all rightful oaths, and do all lawful acts requisite for the said purposes, but at the expense of said GL&V Luxembourg S.à.r.l.

They further hereby acknowledge that the entire beneficial interest in the invention to which the above application relates is irrevocably vested in the assignee including the right to make applications for protection in all countries abroad and to claim priority under the International Convention for such applications and hereby assent to the making of any such applications, with or without priority claim, and of any divisional application resulting therefrom.

And, they further covenant that they will at all times communicate to the said GL&V Luxembourg S.à.r.l. its successors, assigns or legal representatives, all facts relating to said invention and Letters Patent, or the history thereof, known to them, and testify as to the same in interferences or other litigation when requested so to do.

We hereby authorize the above-mentioned assignee or the attorney of record to insert in this instrument the filing date and serial number of our said application:

US Serial No.: 14/800,215  
Filing date: July 15, 2015

PCT Application No.: PCT/US2016/042315  
Filing date: July 14, 2016

## ASSIGNMENT

ASSIGNMENT made by Frank Merchel (hereinafter referred to as "ASSIGNOR"), an individual, having a principal address of 2 Rosewood Road, Windham, New Hampshire 03087 and Michael Tardie (hereinafter referred to as "ASSIGNOR"), an individual, having a principal address of 143 Canterbury Drive, Lunenburg, Massachusetts 01462 and Robert Short (hereinafter referred to as "ASSIGNOR"), an individual, having a principal address of 9 Icehouse Lane, Greenfield, New Hampshire 03047 (hereinafter Said Inventor(s)) to GL&V Luxembourg S.à.r.l. (hereinafter referred to as "ASSIGNEE"), a Luxembourg corporation, having a principal place of business at 6C, Rue Gabriel Lippmann, L-5365, Munsbach, Luxembourg.

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The Commissioner of Patents is hereby authorized and requested to issue Letters Patent for said invention to said GL&V Luxembourg S.à.r.l. as assignee of the entire right, title and interest therein.

And, Said Inventor(s) hereby covenant that they have full right to convey the entire right, title and interest in said invention, and that they have not executed and will not execute any agreement in conflict herewith.

And, they further covenant that they will at any time, upon request, execute and deliver any and all papers that may be necessary or desirable to perfect the title in said GL&V Luxembourg S.à.r.l. to said invention or any Letters Patent that may be granted therefor, and that if said GL&V Luxembourg S.à.r.l. or its assignee, desires to make a substitute, divisional or continuation application for said invention, or to secure a reissue or extension of said Letters Patent, to file a disclaimer relating thereto, or an application for a corresponding patent in any foreign country, that they will, upon request, sign all papers, make all rightful oaths, and do all lawful acts requisite for the said purposes, but at the expense of said GL&V Luxembourg S.à.r.l.

They further hereby acknowledge that the entire beneficial interest in the invention to which the above application relates is irrevocably vested in the assignee including the right to make applications for protection in all countries abroad and to claim priority under the International Convention for such applications and hereby assent to the making of any such applications, with or without priority claim, and of any divisional application resulting therefrom.

And, they further covenant that they will at all times communicate to the said GL&V Luxembourg S.à.r.l. its successors, assigns or legal representatives, all facts relating to said invention and Letters Patent, or the history thereof, known to them, and testify as to the same in interferences or other litigation when requested so to do.

We hereby authorize the above-mentioned assignee or the attorney of record to insert in this instrument the filing date and serial number of our said application:


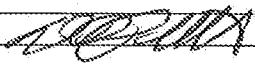
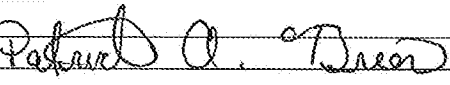
US Serial No.: 14/800,215

Filing date: July 15, 2015

PCT Application No.: PCT/US2016/042315

Filing date: July 14, 2016

Executed and delivered this 10 day of JANUARY, 2018 by Frank Merchel.

Name: Frank Merchel	Signature: 
WITNESS	WITNESS
By: 	By: 
Print Name: <u>David Pender</u>	Print Name: <u>PATRICK A. O'BRIEN</u>

Executed and delivered this \_\_\_\_\_ day of \_\_\_\_\_, 2018 by Michael Tardie.

Name: Michael Tardie	Signature:
WITNESS	WITNESS
By: _____	By: _____
Print Name:	Print Name:

Executed and delivered this \_\_\_\_\_ day of \_\_\_\_\_, 2018 by Robert Short.

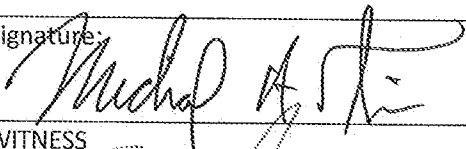
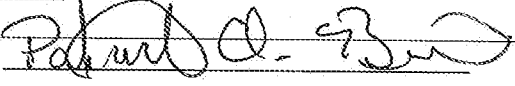
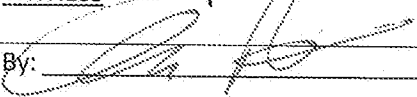
Name: Robert Short	Signature:
WITNESS	WITNESS
By: _____	By: _____
Print Name:	Print Name:

Re: 414-30879-US

Executed and delivered this \_\_\_\_\_ day of \_\_\_\_\_, 2018 by Frank Merchel .

Name: Frank Merchel	Signature:
<u>WITNESS</u>	<u>WITNESS</u>
By: _____	By: _____
Print Name:	Print Name:

Executed and delivered this 12 day of January, 2018 by Michael Tardie.

Name: Michael Tardie	Signature: 
<u>WITNESS</u>	<u>WITNESS</u>
By: 	By: 
Print Name: PATRICK A. O'BRIEN	Print Name: ALEX PATTEN

Executed and delivered this \_\_\_\_\_ day of \_\_\_\_\_, 2018 by Robert Short.

Name: Robert Short	Signature:
<u>WITNESS</u>	<u>WITNESS</u>
By: _____	By: _____
Print Name:	Print Name:

Re: 414-30879-US


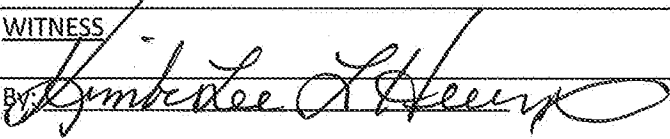

Executed and delivered this \_\_\_\_\_ day of \_\_\_\_\_, 2018 by Frank Merchel .

Name: Frank Merchel	Signature:
<u>WITNESS</u>	<u>WITNESS</u>
By: _____	By: _____
Print Name:	Print Name:

Executed and delivered this \_\_\_\_\_ day of \_\_\_\_\_, 2018 by Michael Tardie.

Name: Michael Tardie	Signature:
<u>WITNESS</u>	<u>WITNESS</u>
By: _____	By: _____
Print Name:	Print Name:

Executed and delivered this 11 day of JANUARY, 2018 by Robert Short.

Name: Robert Short	Signature: 
<u>WITNESS</u>	<u>WITNESS</u>
By: 	By: 
Print Name: Kimberlee L'Heureux	Print Name: Phillip E. Descoiteaux

Re: 414-30879-US