

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5263148

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
HAMID SHIRKHAN	11/28/2018
DIRK TEN BROECK	11/27/2018
JOSEPH CARUSO	11/20/2018
YIJUN YANG	11/20/2018
RASHID JUMA	11/26/2018
THOMAS G. HALL	11/20/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	FLUID MANAGEMENT SYSTEMS, INC.
<b>Street Address:</b>	580 PLEASANT STREET
<b>City:</b>	WATERTOWN
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	02472
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15998756
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>	617-226-3800
<b>Email:</b>	djohnson@preti.com
<b>Correspondent Name:</b>	PRETI FLAHERTY BELIVEAU & PACHIOS LLP
<b>Address Line 1:</b>	60 STATE STREET
<b>Address Line 2:</b>	SUITE 1100
<b>Address Line 4:</b>	BOSTON, MASSACHUSETTS 02109
<b>ATTORNEY DOCKET NUMBER:</b>	FMS-105XX
<b>NAME OF SUBMITTER:</b>	CAROLYN M. GOUGES D'AGINCOURT
<b>SIGNATURE:</b>	/Carolyn M. Gouges d'Agincourt/
<b>DATE SIGNED:</b>	12/03/2018

**Total Attachments: 8**

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**ASSIGNMENT**

For good and valuable consideration, the receipt of which is hereby acknowledged, each of the following,

Hamid Shirkhan, residing at 15 Smith Point Road, Manchester-by-the-sea, MA 01944;

Dirk Ten Broeck, residing at 35 Taschereau Blvd, Nashua, NH 03062;

Joseph Caruso, residing at 145 Florence Road, Waltham, MA 02453;

Yijun Yang, residing at 93 Dalby Street, Newton, MA 02472;

Rashid Juma, residing at 25 Tingley Street, Pawtucket, RI 02861; and

Thomas G. Hall, residing at 30 Cove Road, Nottingham, NH 03290.

hereby:

(a) sells and assigns to

FLUID MANAGEMENT SYSTEMS, INC. (hereafter "Assignee"),  
a Massachusetts corporation,  
580 Pleasant Street, Watertown, MA 02472,

its successors and assigns,

my entire right, title and interest, including the right to claim priority under the International Convention, throughout the United States, its territories and all foreign countries, in and to my invention(s) in

**VACUUM LIQUID EXTRACTION AND PURIFICATION SYSTEM**

and the United States or PCT Patent Application therefor filed on August 15, 2018, U.S. Application No. 15/998,756, Attorney Docket No. FMS-105XX and any previously filed provisional and non-provisional patent applications from which such Application depends for priority, and any refilings of the Application and such later filed patent applications that depend upon any such Applications for priority, and all divisions, continuations, and continuations-in-part of any such applications, such patents that issue on any of the foregoing applications and all reissue applications, applications for re-examinations and other applications for post grant review of any such patents, and such patents that issue from any such post-issue applications;

(b) covenants that I have full right to make such assignment, and agrees for myself and my executors and administrators to, at the expense of the Assignee, execute all applications for domestic and foreign patents including divisional, continuation, continuation-in-part, reissue, re-examination applications and other post grant review proceedings thereof, make all rightful oaths, sign all lawful papers, testify in any proceeding in which the invention(s) or any application or patent directed thereto may be involved, and generally do everything possible to aid the Assignee, its successors and assigns, to obtain and enforce proper patent protection for the invention(s) in the United States, its territories and all foreign countries;

(c) agrees that, if I am unable or unwilling to sign any document with respect to the invention(s), then I hereby designate and appoint the Assignee and its duly authorized officers and agents as my agent and attorney-in-fact, to act for and on my behalf to execute and file any papers and oaths, and to do all other lawfully permitted acts with respect to the invention(s) and patent applications and patents for the invention(s) with the same legal force and effect as if executed by me; and

(d) authorizes the firm of Preti Flaherty Beliveau & Pachios, LLP to insert, if necessary, the filing date and application number of the above patent application.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal.

Hamid Shirkhan  
Hamid Shirkhan

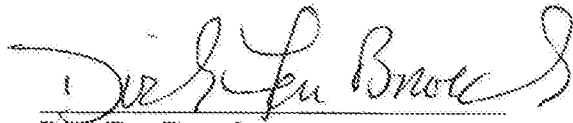
Date: 11/28/18

Zeynep Gul  
Witness (Signature)

Date: 11/28/18

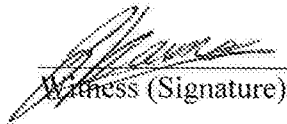
Amranda Garcia  
Witness (Please Print Name)

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal.



Dirk Ten Broeck

Date: 11-27-2018



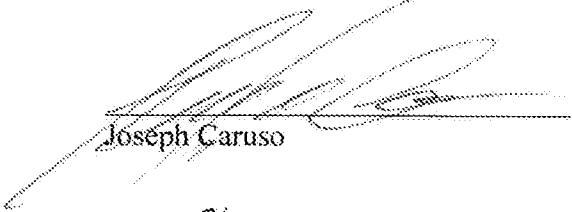
Witness (Signature)

Date: 11-27-18

Jasmine Ramos


Witness (Please Print Name)

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal.

  
Joseph Caruso

Date:

11/20/18

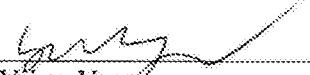
  
Witness (Signature)

Date:


11/20/18

Jasmine Ramos  
Witness (Please Print Name)

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal.

  
Yijun Yang

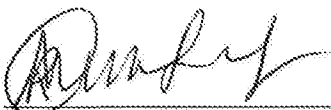
Date: 11/20/18

  
Witness (Signature)

Date: 11/20/18

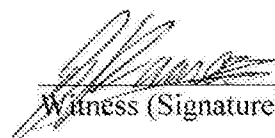
Jasmine Ramos  
Witness (Please Print Name)

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal.



Rashid Juma

Date: 11-26-2018




Witness (Signature)

Date: 11/26/18

Jasmine Ramos

Witness (Please Print Name)

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal.



Thomas G. Hall

Date: 11/20/18



Witness (Signature)

Date: 11/20/18

Jasmine Ramos

Witness (Please Print Name)