505480114 05/16/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ALEXIS NOEL	02/28/2019
DAVID HU	05/01/2019

RECEIVING PARTY DATA

Name:	GEORGIA TECH RESEARCH CORPORATION		
Street Address:	505 TENTH STREET, N.W.		
City:	ATLANTA		
State/Country:	GEORGIA		
Postal Code:	30332-0415		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16191382

CORRESPONDENCE DATA

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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.

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Correspondent Name: TROUTMAN SANDERS LLP
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Address Line 4: ATLANTA, GEORGIA 30308

ATTORNEY DOCKET NUMBER:	GTRC7460
NAME OF SUBMITTER:	RYAN A. SCHNEIDER
SIGNATURE:	/Ryan A. Schneider, Reg. #45083/
DATE SIGNED:	05/16/2019

Total Attachments: 4

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PATENT 505480114 REEL: 049201 FRAME: 0100

ASSIGNMENT

WHEREAS, We, Alexis Noel and David Hu ("Assignors"), have invented certain improvements in "Separation Systems, Devices and Methods," for which an Application was filed November 14, 2018, and provided U.S. Application No. 16/191,382, which claims priority to U.S. Provisional Patent Application No. 62/585,651 filed November 14, 2017, and for which future applications may be filed, (collectively referred to as the "Application"), and whereas

GEORGIA TECH RESEARCH CORPORATION

505 Tenth Street, N.W. Atlanta, Georgia 30332-0415 United States

("Assignee") desires to purchase all of Assignors' rights in same;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable considerations paid by the said Assignee, the receipt and sufficiency of which are hereby acknowledged, Assignors have and by these presents do hereby sell, assign, transfer and convey unto said Assignee all of Assignors' rights, title, and interest in and to said Application, including in and to any conventional, division, continuation, continuation-in-part, substitution, reissue, renewal, re-exam, continued prosecution application ("CPA"), or request for continued examination ("RCE") thereof, and in and to all inventions and improvements thereon (herein collectively referred to as "Related US Applications"), preparatory to obtaining Letters Patent of the United States therefore; and Assignors hereby request the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States resulting from said Application and Related US Applications, to Assignee, for its interest and for the sole use and benefit of Assignee and its assigns and legal representatives.

For the same consideration, Assignors, by these presents do sell, assign, and transfer to Assignee all of Assignors' rights, title and interest in and to any foreign and international applications related to and/or seeking benefit of said Application and Related US Applications, and in and to all inventions and improvements thereon (herein collectively referred to as "Related Foreign Applications"), in and to any Letters Patent and similar protective rights granted on said Related Foreign Applications, and in and to the right to claim any applicable priority rights arising from or required for said Related Foreign Applications under the terms of any applicable conventions, treaties, statutes, or regulations, said Related Foreign Applications to be filed and issued in the name of Assignee or its designee, insofar as permitted by applicable law.

For the same consideration, Assignors agree, without charge to Assignee, but at Assignee's expense, to sign all lawful papers, execute said Application, Related US Applications and Related Foreign Applications, make all assignments and rightful oaths, assist in prosecution of said Application, Related US Applications and Related Foreign Applications, assist in prosecution of legal proceedings, and generally do everything reasonably possible to aid Assignee its

PATENT TROUTMAN SANDERS
REEL: 049201 FRAME: 0101

successors, assigns, and nominees, to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

IN WITNESS WHEREOF, I have he	ereunto set my hand and seal this <u>29</u> day of
J	alexis Mael (SEAL)
Witnessed by: Signature Keri Led ford Printed Name of Witness	Alexis Noel Date: February 28, 2019
Witnessed by: Signature Fatic Capenhalor Printed Name of Witness	Date: 2/28/19
SECTION BELOW IS FOR USE ONLY IF	SIGNING IN PRESENCE OF A NOTARY
IN WITNESS WHEREOF, I have he	reunto set my hand and seal this day of
State of	Alexis Noel (SEAL)
On this day of, 2 and known to be the individual described in a duly acknowledged the same to be his free ac	2019, before me, a notary public, came to me known and who executed the foregoing assignment, and he at and deed.
·	NOTARY PUBLIC My Commission Expires:

IN WITNESS WHEREOF I have	hereunto set my hand and seal this day of
	SEAL)
•	David Har
Witnessed by: Also Lee Signature	Date: May 184 2019
Alexander Lee Printed Name of Witness	
Witnessed by: Signature	2 Date: _5/1/19
Thomas Society Printed Name of Witness	
	IF SIGNING IN PRESENCE OF A NOTARY
SECTION BELOW 13 FOR COLUMN 1	If Storated in Proceedings of the Control
IN WITNESS WHEREOF, I have, 2019.	hereunto set my hand and seal this day of
	(SEAL)
	David Hu
State of	
County of	
On this day of and known to be the individual described	_, 2019, before me, a notary public, came to me known in and who executed the foregoing assignment, and he
duly acknowledged the same to be his fre	e act and deed.
duly acknowledged the same to be his fre	e act and deed.
duly acknowledged the same to be his fre	e act and deed. NOTARY PUBLIC

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GTRC7460

TROUTMAN SANDERS In Witness Whereof, Assignee hereby accepts from Assignors the sale, assignment, transfer and conveyance unto said Assignee of the full, exclusive and entire right, title, and interest in and to said Application, Related US Applications and Related Foreign Applications, by its duly authorized officer.

Georgia	Tech	Research	Corporation
(Assigne	e)		

- Long Bray By:

Terry Bray Name:

Title: Authorized Signatory

Witnessed by: Hattlesshore Havey
Signature

Date: 1/20/17

Witnessed by: Ray O. UMU Signature

Date: 1/20/17

RECORDED: 05/16/2019

TROUTMAN