

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5734397

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JOHN JAGGER	11/27/2018
CHAITANYA SATHAIAH VUDUTHA	11/27/2018
RAJ NAGARAJAN	11/28/2018
RECEIVING PARTY DATA	
Name:	MERICHEM COMPANY
Street Address:	5455 OLD SPANISH TRAIL
City:	HOUSTON
State/Country:	TEXAS
Postal Code:	77023
PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	16578856
PCT Number:	US2019052584
CORRESPONDENCE DATA	
Fax Number:	
<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>	
Phone:	2819624503
Email:	dmasters@ctumeylawgroup.com
Correspondent Name:	C. TUMEY LAW
Address Line 1:	P.O BOX 890226
Address Line 4:	HOUSTON, TEXAS 77062-9998
ATTORNEY DOCKET NUMBER:	4980-00101 & 4980-00102
NAME OF SUBMITTER:	DANIEL MASTERS
SIGNATURE:	/dlm/
DATE SIGNED:	09/24/2019
Total Attachments: 4	
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source=4980-00101-Assignment-Signed#page3.tif	

ASSIGNMENT

Whereas, We, **John Jagger, Chaitanya Sathaiah Vudutha, and Raj Nagarajan** ("ASSIGNORS"), have invented **Liquid-Liquid Mass Transfer Process and Apparatus**, and

Whereas, **Merichem Company**, a Corporation having a place of business at 5455 Old Spanish Trail Houston, Texas 77023, United States of America (sometimes hereinafter called "ASSIGNEE"), is desirous of acquiring an interest therein,

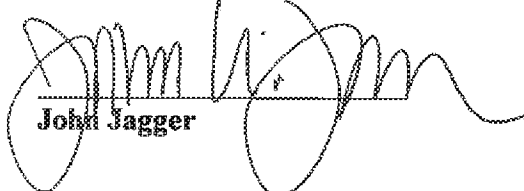
NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, We do hereby ASSIGN, SELL and CONVEY to said **Merichem Company**, its successors and assigns, the entire right, title and interest throughout the world in and to:

1. Said invention in **Liquid-Liquid Mass Transfer Process and Apparatus**;
2. United States of America patent application on said invention, Application No. 16/203,967, filed November 29, 2018, entitled **Liquid-Liquid Mass Transfer Process and Apparatus**, (The undersigned hereby grant(s) the firm of Tumey L.L.P. of 5177 Richmond Avenue, Suite 1188, Houston, Texas 77056 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document);
3. All applications for patent or like protection on said invention that have now been or may in the future be made by me or my legal representatives, including any continuation, continuation-in-part and any other utility applications that may be based on this invention, whether in the United States of America or in any other country or place anywhere in the world;
4. All patents and like protection that have now been or may in the future be granted on said invention to me or my legal representatives, whether in the United States of America or in any other country or place anywhere in the world;
5. All substitutions for and divisions, continuations, continuations-in-part, renewals, reissues, extensions, and the like of said applications and patents and like grants, including without limitation, those obtained or permissible under past, present and future laws and statutes;
6. All rights of action on account of past, present and future unauthorized use of said invention and for infringement of said patents and like protection;
7. The right in ASSIGNEE to file in its name applications for patents and like protection for said invention in any country or countries foreign to the United States; and

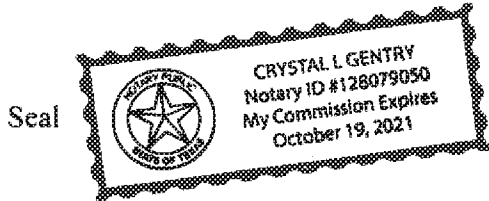
8. All international rights of priority associated with said invention, applications, patents and like protection and we covenant that we, and our heirs, legal representatives, assigns, administrators, and executors, will, at the expense of ASSIGNEE, its successors and assigns, execute all papers and perform such other acts as may be reasonably necessary to give ASSIGNEE, its successors and assigns, the full benefit of this Assignment.

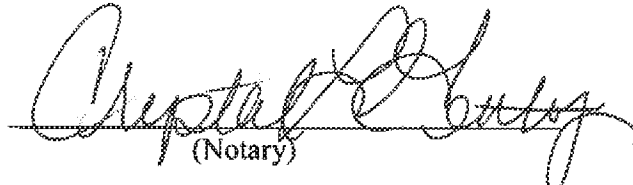
Executed this 27 day of NOVEMBER, 2018

STATE OF Texas)
) ss
COUNTY OF Harris)


John Jagger

Before me personally appeared said **John Jagger** and acknowledged the foregoing instrument to be his free act and deed this 27 day of November, 2018.




(Notary)

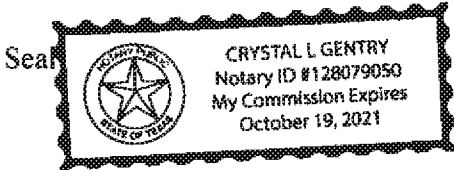
Executed this 27 day of NOVEMBER, 2018

Chaitanya Sathaiah Vudutha
Chaitanya Sathaiah Vudutha

STATE OF TEXAS)
COUNTY OF HARRIS) ss

Before me personally appeared said **Chaitanya Sathaiah Vudutha** and acknowledged
the foregoing instrument to be his free act and deed this 27 day of
NOVEMBER, 2018.

Crystal L Gentry
(Notary)



Executed this 28th day of November, 2018

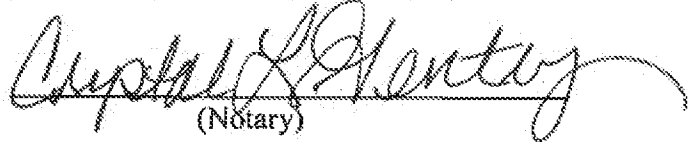
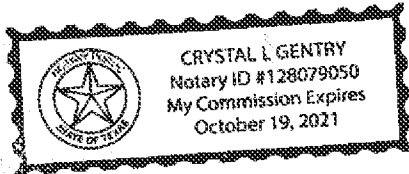


Raj Nagarajan

STATE OF TEXAS)
COUNTY OF HARRIS) ss

Before me personally appeared said Raj Nagarajan and acknowledged the foregoing instrument to be his free act and deed this 28 day of NOVEMBER, 2018.

Seal



(Notary)