

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
SEBASTIEN MANNAL	06/25/2019
CHOON SOOI TAN	06/25/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	MASSACHUSETTS INSTITUTE OF TECHNOLOGY
<b>Street Address:</b>	77 MASSACHUSETTS AVENUE
<b>City:</b>	CAMBRIDGE
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	02139
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	17052297
<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>	8322877300
<b>Email:</b>	kdumas-scarber@mailfence.com
<b>Correspondent Name:</b>	KRISTINE DUMAS-SCARBER
<b>Address Line 1:</b>	10001 RICHMOND AVENUE
<b>Address Line 2:</b>	ROOM 4720
<b>Address Line 4:</b>	HOUSTON, TEXAS 77042
<b>ATTORNEY DOCKET NUMBER:</b>	IS18.0403-US-PCT MIT
<b>NAME OF SUBMITTER:</b>	KRISTINE DUMAS-SCARBER
<b>SIGNATURE:</b>	/KRISTINE DUMAS-SCARBER/
<b>DATE SIGNED:</b>	07/15/2021
<b>Total Attachments: 3</b>	
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## ASSIGNMENT

WHEREAS, I/We, Sebastien Mannai (Inventor), a citizen of FRANCE, whose post office address is 77 Massachusetts Avenue, Cambridge, MA, USA 02139; AND Choon Sooi Tan (Inventor), a citizen of USA, whose post office address is 22 Railroad Street, Andover, MA 01810; have invented **ROD PUMP SYSTEM DIAGNOSTICS AND ANALYSIS** as described and set forth in International Patent Application No. **PCT/US2019/30315**, filed **May 2, 2019** (Attorney Docket No. IS18.0403-WO-PCT).

AND WHEREAS, Massachusetts Institute of Technology, its successors and assigns (COMPANY), a corporation organized, incorporated and existing under the laws of Massachusetts, with principal office at 77 Massachusetts Avenue, Cambridge, MA 02139 wants to acquire or confirm its acquisition of the entire right, title and interest in this invention, inventions or improvements, application, and any patent, both in the United States and all foreign countries;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that I/we, the inventor(s), for good, sufficient and valuable considerations, assign, transfer and convey to the COMPANY the entire right, title and interest throughout the world, in my/our invention as described in such an application, including the right to file foreign applications under the provisions of any convention or treaty; any confirmation, divisional, continuation, continuation-in-part, or substitute application which may be filed on this invention anywhere; and any patents, certificates, utility models, reissues, extensions, additions or confirmations which may be granted anywhere for the invention, TO HAVE AND TO HOLD the same to the full end of the term or terms for which any such patent may be issued.

AND I/we authorize and request the appropriate authority to issue any related patent to the COMPANY as the assignee of the entire right, title and interest in the patent, for the sole use and benefit of the COMPANY.

AND I/we covenant and warrant that I/we have full right to convey the entire right, title and interest in this invention free and clear of all licenses, encumbrances or liens, and that I/we have not executed and will not execute any instruments in conflict with this agreement.

AND I/we agree that I/we, my/our executors, administrators, or other personal representatives, shall do whatever is legally necessary (make all rightful oaths, execute, and deliver any and all other instruments in writing; and any and all further applications, papers, powers, affidavits, assignments, disclaimers and other documents) in the opinion of counsel for the COMPANY, to secure and vest in the COMPANY, the entire right, title and interest in this invention, inventions, or improvements, application or applications, patents, rights, titles, benefits, privileges and advantages.

1/3 84

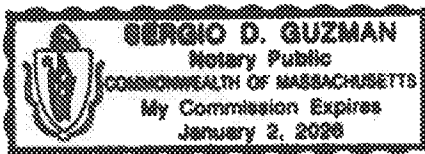
IN WITNESS WHEREOF, I sign this 25 day of June 2019.

Sebastien Mannai  
Sebastien Mannai

\_\_\_\_\_)  
\_\_\_\_\_) )  
COUNTY OF Middlesex )

On this 25th day of June, 2019, before me, the undersigned Notary Public, personally appeared, **Sebastien Mannai**, proved to me through satisfactory evidence of identification, which were MA DV, to be the person who signed the preceding or attached document in my presence, and who swore or affirmed to me that the contents of the document are truthful and accurate to the best of his/her knowledge and belief.

Seal



S. D. Guzman  
Notary Public

2/3 <sup>SM</sup>

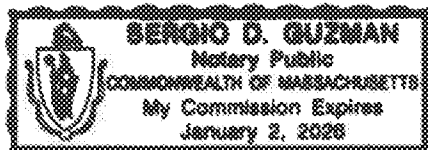
IN WITNESS WHEREOF, I sign this 25 day of June, 2019.

Tan Choon Sui  
Choon Sui Tan

\_\_\_\_\_)  
COUNTY OF Middlesex )

On this 25th day of June, 2019, before me, the undersigned Notary Public, personally appeared, Choon Sui Tan, proved to me through satisfactory evidence of identification, which were MA DL, to be the person who signed the preceding or attached document in my presence, and who swore or affirmed to me that the contents of the document are truthful and accurate to the best of his/her knowledge and belief.

Seal



[Signature]  
Notary Public

3/3 84