

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MATTHEW A. HOLDEN	10/17/2016
MAX J. LEIN	09/08/2016
ARASH MANAFIRAD	08/22/2016
DAN EZRA AURIAN-BLAJENI	08/24/2016
RECEIVING PARTY DATA	
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Street Address:	ONE BEACON STREET, 31ST FLOOR
City:	BOSTON
State/Country:	MASSACHUSETTS
Postal Code:	02108
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15741103
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	15741103
NAME OF SUBMITTER:	SANDRA L. SHANER
SIGNATURE:	/Sandra L. Shaner, Reg. No. 47934/
DATE SIGNED:	01/02/2018
Total Attachments: 4	
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source=7YP5341#page1.tif

DECLARATION AND ASSIGNMENT

Title of Invention: MEMBRANE AND DROPLET-INTERFACE BILAYER SYSTEMS AND METHODS

As a below named inventor, I hereby declare that:

This declaration is directed to:

☐ the attached application (Attorney Docket Number _____), or

☒ PCT international application number PCT/US16/040665 filed on July 1, 2016, claiming priority to U.S. Application No. 62/187,951 filed July 2, 2015.

The above-identified application was made or authorized to be made by me, and I have reviewed and understand the contents of the application, including the claims.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I am aware of the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR Section 1.56.

Whereas, each undersigned inventor has made certain inventions, improvements, and discoveries (herein referred to as the "INVENTION") disclosed in the above-identified patent application (herein referred to as the ("APPLICATION"));

Whereas, THE UNIVERSITY OF MASSACHUSETTS, having a business address at One Beacon Street, 31st Floor, Boston, MA 02108 (herein referred to as "ASSIGNEE"), desires to attain or has attained, and each undersigned inventor desires to grant or has granted to ASSIGNEE, the entire worldwide right, title, and interest in and to the INVENTION and in and to any and all patent applications and patents directed thereto;

Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, I, one of the undersigned inventors (herein referred to "ASSIGNOR"), hereby sells or has sold, assigns or has assigned, and otherwise transfers or has transferred to the ASSIGNEE, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the INVENTION, the APPLICATION, and any and all other patent applications and patents for the INVENTION which may be applied for or granted therefor in any and all countries and jurisdictions, including all divisionals, continuations, continuations-in-part, reissues, reexaminations, renewals, counterparts, substitutes, and extensions thereof, and all rights of priority resulting from the filing of such applications and granting of such patents, and further including any right to sue for past infringement and to recover and retain damages and profits in respect thereof. In addition, I hereby authorize and request any official whose duty it is to issue patents, to issue any patent on said improvements or resulting therefrom to said ASSIGNEE, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the same to be held and enjoyed by ASSIGNEE, its successors, legal representatives, and assigns to the full end of the terms for which any and all such patents may be granted, as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made; and I agree for myself and my respective heirs, legal representatives, and assigns, without further compensation, to execute any and all documents, oaths and instruments and perform all lawful acts reasonably related to recording this Assignment or perfecting title to the INVENTION, the APPLICATION, and all related patents and applications, in ASSIGNEE, its successors, legal representatives, and assigns, whenever requested by ASSIGNEE, its successors, legal representatives, and assigns.

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I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Signature: [Signature] Date: 17 Oct 2016
Legal Name of Inventor: MATTHEW A. HOLDEN

[Signature]
Witness Signature

Date: 10/17/2016

[Signature]
Witness Signature

Date: 10/17/2016

Ping Xie
Printed Legal Name of Witness

Justin Mullis
Printed Legal Name of Witness

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Signature: [Signature] Date: 9/8/2016

Legal Name of Inventor: MAX J. LEIN

[Signature]
Witness Signature

Date: 9/8/2016

[Signature]
Witness Signature

Date: 9/8/16

Jaclyn Izbicki
Printed Legal Name of Witness

William F. Oakes
Printed Legal Name of Witness

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Signature: Arash Manafirad Date: 08/22/16
Legal Name of Inventor: **ARASH MANAFIRAD**

Rui Cao Date: 08/22/2016
Witness Signature
Date: 08/22/2016

RUI CAO
Printed Legal Name of Witness

Witness Signature

Sarah Elaine Buraw
Printed Legal Name of Witness

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Signature: [Signature]

Date: 08/24/2016

Legal Name of Inventor: **DAN EZRA AURIAN-BLAJENI**

Witness Signature

Date: 8/24/16

Witness Signature

Date: 8/24/2016

FRANCISCA
XANER DE PINA

Printed Legal Name of Witness

Arton Johnson

Printed Legal Name of Witness

PATENT