

## 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>
ALIAKSANDR ZARETSKI	10/12/2016
DARREN J. LIPOMI	10/27/2016
ALEX SAVTCHENKO	10/27/2016
ELENA MOLOKANOVA	10/27/2016
MARK MERCOLA	11/08/2016
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<b>City:</b>	OAKLAND
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94607-5200
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15832511
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<b>NAME OF SUBMITTER:</b>	KIMBERLY M. MAIZE
<b>SIGNATURE:</b>	/Kimberly M. Maize, Reg. No. 76,370/
<b>DATE SIGNED:</b>	03/20/2019

**Total Attachments: 6**

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**PATENT**

**REEL: 048648 FRAME: 0390**

## ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, ALIAKSANDR ZARETSKI, DARREN J. LIPOMI, ALEX SAVTCHENKO, ELENA MOLOKANOVA, and MARK MERCOLA, each individually assign to THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, a California corporation, having its statewide administrative offices located at 1111 Franklin St., 5th Floor, Oakland, CA 94607-5200, and its successors, transferees, and assignees (collectively the “Assignee”), all of our individual and joint right, title, and interest throughout the world in the subject matter (the “Subject Matter”) of patent applications that name us as inventors, are titled “GRAPHENE-BASED MULTI-MODAL SENSORS,” and were filed in the United States Patent and Trademark Office on October 7, 2016, as application 15/288,687 and on October 7, 2016, as application PCT/US2016/056016 (the “Applications”).

This Assignment assigns (a) the Applications and all other applications that may be made for, and all patents, utility models, design registrations, and other rights of exclusion and inventors’ certificates for, any of the Subject Matter (collectively the “Applications and Granted Rights”) in every country or region, (b) the right to claim priority based on and the benefit of the filing date of any of the Applications and Granted Rights under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other applicable treaties or conventions, and (c) the right to pursue, collect, and retain in the Assignee’s name or otherwise, damages and any other remedies arising from any past, present, or future infringement of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment.

We authorize the Assignee to apply for and pursue protection for any or all of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment in all countries, regions, and territories of the world, in our names or in the Assignee’s name.

We represent and warrant that we have the right and power to make this Assignment and that we have not made and will not make any other assignment that conflicts with this Assignment.

We will communicate to the Assignee (or at the request of the Assignee to other parties) all known facts in any form relating to the Subject Matter, will execute and provide all oaths and

declarations, statements, testimony, assignments, powers of attorney, applications, and documents, and will perform all other lawful acts necessary or desirable to secure fully to the Assignee the rights, titles, and interests assigned by this Assignment.


  
\_\_\_\_\_  
Aliaksandr Zaretski

Date: October 12, 2016

Witnessed by:

Signature:   
\_\_\_\_\_  
Print Name: Sviatlana Zaretski

Date: October 12, 2016

Signature:   
\_\_\_\_\_  
Print Name: Eric Brown

Date: October 12, 2016

Darren J. Lipomi  
Darren J. Lipomi

Date: 10/27/16

Witnessed by:

Signature: [Signature]

Date: 10/27/16

Print Name: Julian Ramirez

Signature: [Signature]

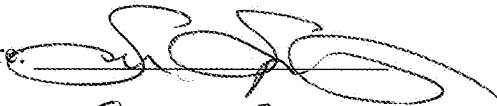
Date: 10/27/16

Print Name: Daniel Rodriguez

  
\_\_\_\_\_  
Alex Savtchenko

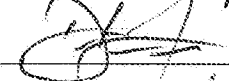
Date: 10/27/2016

Witnessed by:

Signature: 

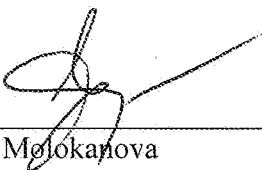
Date: 10/27/2016

Print Name: Sean Spiering

Signature: 

Date: 10/27/2016

Print Name: DEREK LEMON

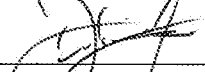
  
\_\_\_\_\_  
Elena Molokanova

Date: 10/27/2016

Witnessed by:

Signature:  Date: 10/27/2016

Print Name: Sean Spiering

Signature:  Date: 10/27/2016

Print Name: DEREK LEMONS

M. Mercola  
Mark Mercola

M.M.  
Date: 08-NOV-16

Witnessed by:

Signature: Pilar Ruiz Lozano

Date: 11-8-2016

Print Name: PILAR RUIZ-LOZANO

Signature: Kari K Costa

Date: 11-8-2016

Print Name: Kari K Costa

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