503548656 10/30/2015

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3595283

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
ADAM HURST	08/31/2015
SUNWOO LEE	08/29/2015
JAMES HONE	08/29/2015

### **RECEIVING PARTY DATA**

Name:	THE TRUSTEES OF COLUMBIA UNIVERSITY
Street Address:	535 W. 116TH STREET
Internal Address:	412 LOW MEMORIAL LIBRARY
City:	NEW YORK
State/Country:	NEW YORK
Postal Code:	10027
Name:	KULITE SEMICONDUCTOR PRODUCTS, INC.
Street Address:	ONE WILLOW TREE ROAD
City:	LEONIA
State/Country:	NEW JERSEY
Postal Code:	07605

## **PROPERTY NUMBERS Total: 1**

Property Type	Number	
Application Number:	14546877	

### **CORRESPONDENCE DATA**

Fax Number:

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.

**Phone:** 404-885-3498

**Email:** chase.ofori-atta@troutmansanders.com

Correspondent Name: JAMES E. SCHUTZ
Address Line 1: 600 PEACHTREE ST

Address Line 2: BANK OF AMERICA PLAZA, SUITE 5200

Address Line 4: ATLANTA, GEORGIA 30308

**ATTORNEY DOCKET NUMBER:** KULITE210

PATENT REEL: 036927 FRAME: 0493

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NAME OF SUBMITTER: JAMES E. SCHUTZ		
SIGNATURE: /James E. Schutz, Reg. #48658/		
<b>DATE SIGNED:</b> 10/30/2015		
Total Attachments: 4		

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PATENT REEL: 036927 FRAME: 0494

## ASSIGNMENT

WHEREAS, We, Sunwoo Lee and James Hone, ("Assignor"), have invented certain improvements in a TWO-DIMENSIONAL MATERIAL-BASED ACCELEROMETER", ("Application") having U.S. Provisional Application Serial No. 62/012,886, and filed 16 June 2014 and whereas related applications may be filed in the United States and elsewhere, and whereas

The Trustees of Columbia University
In the City of New York
412 Low Memorial Library
535 W. 116<sup>th</sup> Street
New York, NY 10027
United States of America

("Assignee") desires to purchase all the 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, Assignor has and by these presents hereby sells, assigns, transfers and conveys unto said Assignee the full, exclusive and entire right, title, and interest in and to said Application, including in and to any conventional, division, continuation, continuation-in-part, substitution, reissue, renewal, reexam, 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 thereof; and Assignor hereby requests 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, Assignor, by these presents does sell, assign, and transfer to Assignee the full, exclusive, and entire right, 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, Assignor agrees, 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 successors, assigns, and nominees, to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

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AND, for the same consideration, Assignor also hereby sells, assigns and transfers unto Assignee all rights and claims to sue for damages and other remedies with respect to any and all past infringement of all said Application, Related US Applications, and Related Foreign Applications, including said inventions and improvements which may have occurred before the date of this Assignment.

IN WIT	NESS WHEREOF, we have, 2014.	e hereunto	set our hand	ls and seals this	day of
·	, <i>AMT</i> .				
		SUNW	DO LEE		
Witnessed by:	2 H Signature		Date:	08/29/2015	
	JAMES HONE Printed Name of Witness			. •	
	v v	2	H	<b>-</b>	
**	1	JAMES	HONE		
Witnessed by:	Signature	<u> </u>	Date:	08/29/2015	
	SUNWOO LEE Printed Name of Witness	<del></del>		<i>y</i>	

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# ASSIGNMENT

WHEREAS, I, Adam Hurst, ("Assignor"), have invented certain improvements in a TWO-DIMENSIONAL MATERIAL-BASED ACCELEROMETER, ("Application") bearing U.S. Provisional Application Serial No. 62/012,886, and filed June 16, 2014 and whereas related applications may be filed in the United States and elsewhere, and whereas

Kulite Semiconductor Products, Inc. One Willow Tree Road Leonia, NJ 07605 United States of America

("Assignee") desires to purchase all the 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, Assignor has and by these presents hereby sells, assigns, transfers and conveys unto said Assignee the full, exclusive and entire right, title, and interest in and to said Application, including in and to any conventional, division, continuation, continuation-in-part, substitution, reissue, renewal, reexam, 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 thereof; and Assignor hereby requests 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, Assignor, by these presents does sell, assign, and transfer to Assignee the full, exclusive, and entire right, 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, Assignor agrees, 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 successors, assigns, and nominees, to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

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AND, for the same consideration, Assignor also hereby sells, assigns and transfers unto Assignee all rights and claims to sue for damages and other remedies with respect to any and all past infringement of all said Application, Related US Applications, and Related Foreign Applications, including said inventions and improvements which may have occurred before the date of this Assignment.

IN WITNESS WHEREOF, I have	e hereunto se	t hand and	seal this <u>J/37</u> day of
<u>llage-ub</u> , 2014.	W	m	Han I
	ADAM I	HURST	<u> </u>
Witnessed by:	A. A. A. A. A. Garage	Date: _	8-31-15
Signature			
DIANE LO SALRO			
Printed Name of Witnes	 SS.		

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