

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5265951

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
TARA YVONNE MEYER	02/25/2013
WILLIAM W. CLARK	02/22/2013
DAVID WALDECK	08/19/2013
LISA MAUCK WEILAND	02/25/2013
PERCY CALVO-MARZAL	08/07/2013
RACHEL D. HARRIS	02/25/2013
HAITAO LIU	02/25/2013
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	UNIVERSITY OF PITTSBURGH - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION
<b>Street Address:</b>	200 GARDNER STEEL CONFERENCE CENTER
<b>Internal Address:</b>	THACKERAY & O'HARA STREETS
<b>City:</b>	PITTSBURGH
<b>State/Country:</b>	PENNSYLVANIA
<b>Postal Code:</b>	15260
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15368254
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(412)394-2555
<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>	412-394-7767
<b>Email:</b>	traip@clarkhill.com
<b>Correspondent Name:</b>	PAUL D. BANGOR, JR., ESQUIRE
<b>Address Line 1:</b>	301 GRANT STREET, 14TH FLOOR
<b>Address Line 2:</b>	ONE OXFORD CENTRE
<b>Address Line 4:</b>	PITTSBURGH, PENNSYLVANIA 15219
<b>ATTORNEY DOCKET NUMBER:</b>	DB001743-002
<b>NAME OF SUBMITTER:</b>	PAUL D. BANGOR, JR.

<b>SIGNATURE:</b>	/Paul D. Bangor, Jr./
<b>DATE SIGNED:</b>	12/04/2018
<b>Total Attachments: 9</b> source=20181203111134#page1.tif source=20181203111134#page2.tif source=20181203111134#page3.tif source=20181203111134#page4.tif source=20181203111134#page5.tif source=20181203111134#page6.tif source=20181203111134#page7.tif source=20181203111134#page8.tif source=20181203111134#page9.tif	

Attorney's Docket No. DB001743-001

PATENT

For: ☒ U.S. and/or ☒ Foreign Rights  
For: ☒ U.S. Application or  
      ☒ U.S. Provisional Application  
For: ☐ U.S. Patent  
For: ☒ PCT Application  
By: ☒ Multiple Inventors

### ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

#### ASSIGNORS (Inventors):

<u>Tara Yvonne Meyer</u> (type or print name of inventors)	<u>5248 Beeier Street</u> <u>Pittsburgh, PA 15217</u> Address	<u>US</u> Nationality
<u>William W. Clark</u> (type or print name of inventors)	<u>104 Maplewood Drive</u> <u>Wexford, PA 15090</u> Address	<u>US</u> Nationality
<u>David Waldeck</u> (type or print name of inventors)	<u>4350 Waldeck Street</u> <u>Pittsburgh, PA 15217</u> Address	<u>US</u> Nationality
<u>Lisa Mauck Weiland</u> (type or print name of inventors)	<u>106 Ascot Place</u> <u>Pittsburgh, PA 15237</u> Address	<u>US</u> Nationality
<u>Percy Calvo-Marzal</u> (type or print name of inventors)	<u>11660 Huebner Rd., Apt. 111</u> <u>San Antonio, TX 78230</u> Address	<u>PE</u> Nationality
<u>Tianqi Pan</u> (type or print name of inventors)	<u>Hongqiao Road 4-2</u> <u>Shenyang, Liaoning 110025</u> Address	<u>CN</u> Nationality
<u>Rachel D. Harris</u> (type or print name of inventors)	<u>2027 E. Olive St.</u> <u>Shorewood, WI 53211</u> Address	<u>US</u> Nationality
<u>Haitao Liu</u> (type or print name of inventors)	<u>2034 Clare Drive</u> <u>Pittsburgh, PA 15237</u> Address	<u>P.R. China</u> Nationality

{01417128}

PATENT  
REEL: 047671 FRAME: 0214

hereby sells, assigns and transfers to

**ASSIGNEE:**

University of Pittsburgh – Of The  
Commonwealth System of Higher Education  
(type or print name(s) of ASSIGNEE(S))

200 Gardner Steel Conference Center  
Thackeray & O'Hara Streets  
Pittsburgh, PA 15260  
Address

Nationality

and the successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following)

- ☒ the entire right, title and interest  
☐ an undivided \_\_\_\_\_ percent (\_\_\_\_\_% ) interest  
for the United States and its territorial possession

(check the following box, if foreign rights are also to be assigned)

☒ and in all foreign countries, including all rights to claim priority,  
in and to any and all improvements which are disclosed in the invention entitled:

**REDOX STIMULATED VARIABLE-MODULUS MATERIAL**  
(check and complete (a), (b), (c), (d), (e), (f) or (g))

and which is found in

- (a) ☐ U.S. patent application executed on even date herewith  
(b) ☐ U.S. patent application executed on \_\_\_\_\_  
(c) ☐ U.S. provisional application naming the above inventor(s) for the above-  
entitled invention.  
☐ Express mail label no. \_\_\_\_\_  
Mailed: \_\_\_\_\_  
☐ To comply with 37 CFR 3.21 for recordal of  
this assignment, I, an ASSIGNOR signing  
below, hereby authorize and request my  
attorney to insert below the filing date and  
application number when they become  
known.  
(d) ☒ U.S. application no. 13/710,114 filed on December 10, 2012  
(e) ☐ International application no. PCT/\_\_\_\_\_/\_\_\_\_\_  
filed on \_\_\_\_\_

(f) ☐ U.S. patent no. \_\_\_\_\_ issued

☐ A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.

(also check (g), if foreign application(s) is also being assigned)

(g) ☒ and any legal equivalent thereof in a foreign country, including the right to claim priority

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letter Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, We have hereunto set hand and seal this

**WARNING:** The date of signing must be the same as the date of execution of the application, if item (a) was checked above.

Tara Yvonne Meyer  
(type name of inventor)

  
\_\_\_\_\_  
Signature of INVENTOR

2/25/13  
\_\_\_\_\_  
Date

William W. Clark  
(type name of inventor)

\_\_\_\_\_  
Signature of INVENTOR

\_\_\_\_\_  
Date

David Waldeck  
(type name of inventor)

\_\_\_\_\_  
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Date

Lisa Mauck Weiland  
(type name of inventor)

\_\_\_\_\_  
Signature of INVENTOR

\_\_\_\_\_  
Date

(f) ☐ U.S. patent no. \_\_\_\_\_ issued

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2-22-13  
Date

\_\_\_\_\_  
Date

\_\_\_\_\_  
Date

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Signature of INVENTOR

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Date

David Waldeck  
(type name of inventor)

David H. Waldeck  
Signature of INVENTOR

8/19/13  
Date

Lisa Mauck Weiland  
(type name of inventor)

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Signature of INVENTOR

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Date

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Haitao Liu  
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Date

☐ Notarization or Legalization Page Added.

Note: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized, then it will only be prima facie evidence of execution. 35 USC 261. Use next page if notarization is desired.

Percy Calvo-Marzal  
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