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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5265951

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
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

RECEIVING PARTY DATA

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City:	PITTSBURGH
State/Country:	PENNSYLVANIA
Postal Code:	15260

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15368254

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: DB001743-002 PAUL D. BANGOR, JR. NAME OF SUBMITTER:

SIGNATURE:	/Paul D. Bangor, Jr./
DATE SIGNED:	12/04/2018
Total Attachments: 9	
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Attorney's Docket No. DB001743-001

For: I U.S. and/or Foreign Rights

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

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ASSIGNE	E:	
Commonw	ealth Sy	200 Gardner Steel Conference Center Thackeray & O'Hara Streets Stem of Higher Education of ASSIGNEE(S)) Pittsburgh, PA 15260 Address
Nationality		
and the su	ccessors	s, assigns and legal representatives of the ASSIGNEE
		(complete one of the following)
for the Unit	©∃ □ ted State	the entire right, title and interest an undivided percent (%) interest and its territorial possession
	(chec	k the following box, if foreign rights are also to be assigned)
in and to a	図 ny and a	and in all foreign countries, including all rights to claim priority, ill improvements which are disclosed in the invention entitled:
	RE	EDOX 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
(c)		U.S. patent application executed on U.S. provisional application naming the above inventor(s) for the above-
(C)	U	entitled invention.
		Express mail label no
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		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
(d)	12	known. U.S. application no. <u>13/710,114</u> filed on <u>December 10, 2012</u>
(e)	<u> </u>	International application no. PCT/ /
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hereby sells, assigns and transfers to

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Tara Y	'vonne name o	Meye Meyento	er or)		Sign	nature of INVENTOR	2/25/13 Date
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David (type		eck of inventi	or)		Sign	nature of INVENTOR	Date
Lisa M		Weilar of invente			Sign	nature of INVENTOR	Date

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Tara Yvonne Meyer (type name of inventor) William W. Clark (type name of inventor)	_	Will	ignature of INVENTO	- 2-27	13
David Waldeck (type name of inventor)	_	S	signature of INVENTO	DR Date	
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promptly was to the sexecute are instrument application	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	WITNES	SS WHEREOF, W	e have hereunto	set hand and seal this			
WA	RNING:	The date of signing n	nust be the same a	s the date of execution of the app	lication, if item		
Tara Yvon (type name	ne Meye of invent	er or)	**************************************	Signature of INVENTOR	Date		
William W (type name	Clark of Invent	or)		Signature of INVENTOR	Date		
David Wal		or)	David	Signature of INVENTOR	8/19/13 Date		
Lisa Mauc (type name	k Weilar of invent	nd for)		Signature of INVENTOR	Date		

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William (type na	W. (Clark of invento	N)			Signatur	of INVENTOR	Date
David V (type na		eck of invento	जो जो			Signature	of INVENTOR	Date
Lisa Ma (type na		Weilan of invento		 پ	Ju Ma	Signature	of INVENTOR	Z/25/13 Date

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Percy Calvo-Marzal (type name of inventor)	Signature of INVENTOR	08/07/13 Date
Tiangi Pan (type name of inventor)	Signature of INVENTOR	Date
Rachel D. Harris	Signature of INVENTOR	Date
Haitao Liu (type name of inventor)	Signature of INVENTOR	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.

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Percy Calvo-Marzal		
(type name of inventor)	Signature of INVENTOR	Date
Tiangi Pan		
(type name of inventor)	Signature of INVENTOR	Date
	Rochel D. Him	2/25/2
Rachel D. Harris	Marie D. Hem	2/22/13
(type name of inventor)	Signature of INVENTOR	Date
Haitao Liu		
(type name of inventor)	Signature of INVENTOR	Date

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Percy Calvo-Marzal		
(type name of inventor)	Signature of INVENTOR	Date
Tiangi Pan		
(type name of inventor)	Signature of INVENTOR	Date
Rachel D. Harris		
(type name of inventor)	Signature of INVENTOR	Date
Haitao Liu		02/25/2013
(type name of inventor)	Signature of INVENTOR	Date

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PATENT REEL: 047671 FRAME: 0222

RECORDED: 12/04/2018