505028800 07/31/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ULRICH WIESNER	10/19/2017
ANDREW BURNS	11/02/2017

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15714189

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ATTORNEY DOCKET NUMBER:	2003080-1330	
NAME OF SUBMITTER:	MARGO R. MONROE, PHD	
SIGNATURE:	/Margo R. Monroe/	
DATE SIGNED:	07/31/2018	

Total Attachments: 4

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> **PATENT REEL: 046512 FRAME: 0933** 505028800

ASSIGNMENT

WHEREAS, We, Ulrich Wiesner, a German citizen, residing at 105 White Park Road, Ithaca, NY 14850, US, and Andrew Burns, 2251 Van Antwerp Road, Niskayuna, NY 12309 have invented certain new and useful improvements in MULTIMODAL SILICA-BASED NANOPARTICLES for which an application for Letters Patent in the United States was filed as U.S. Serial No. 15/714,189 on September 25, 2017; continuation of U.S. Patent Application No. 14/215879, filed on March 7, 2014 claiming priority to U.S. Provisional Application No. 61/794,414 on March 15, 2015;

AND WHEREAS, Cornell University, with its principal place of business at the Center for Technology Licensing ("CTL") at Cornell University, 395 Pine Tree Road, Suite 310, Ithaca, New York 14850 USA, is entitled to acquire the entire right, title and interest in and to the said improvements and the said Application:

NOW, THEREFORE, for good and valuable consideration, including salary or payment for the making of inventions, or employee benefits, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said Cornell University, its successors, legal representatives and assigns, the entire right, title and interest throughout the world in, to and under the said improvements, and the said application and all divisions, renewals, and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said Cornell University, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said Cornell University, its successors, legal representatives, and assigns, any facts known to us respecting said improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths and generally do everything possible to aid the said Cornell University, its successors, legal representatives, and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

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Witness Signature Option	
h. U.	Oct. 19, 2017
Alrich Wiesner,	Date
(naro Russel	10/19/17
First Witness Signature	Date
First Witness Printed Name	10-19-17
Second-Witness Signature //	Date
Second Witness Printed Name	
Witness Signature Option	
Andrew Burns	Date
First Witness Signature	Date
First Witness Printed Name	
Second Witness Signature	Date

Second Witness Printed Name

Witness Signature Option Ulrich Wiesner Date First Witness Signature Date Second Witness Signature Date Second Witness Printed Name Witness Signature Option Witness Signature Option Andrew Burns Date 1) / 2/2017 Andrew Burns Date 1) / 2/2017 First Witness Signature Date Matheur M. Spec First Witness Printed Name Matheur M. Spec First Witness Signature Date 11-2-2017 Second Witness Signature Date

The undersigned (v	vhose title is suppli	ed below) is a	athorized to act on behalf of Cornell	
University.	1/2	1 -		
Signature:			Date: Oligion	
Name (printed):	Xiana	<u>.</u> ;		
Title (printed):	Executive_	Director	Leater For technology	Itcensing

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> PATENT REEL: 046512 FRAME: 0937