505559845 07/08/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5606642

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
FRANKLIN R. TAY	02/03/2014
SHI-QIANG GONG	02/07/2014
KIRK KIMMERLING	02/03/2014

RECEIVING PARTY DATA

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State/Country:	GEORGIA
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16241078

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	11002-004US2
NAME OF SUBMITTER:	CHRISTOPHER L. CURFMAN
SIGNATURE:	/Christopher L. Curfman/
DATE SIGNED:	07/08/2019

Total Attachments: 4

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PATENT 505559845 REEL: 049685 FRAME: 0913

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PATENT REEL: 049685 FRAME: 0914

ASSIGNMENT OF INTELLECTUAL PROPERTY RIGHTS IN PATENT APPLICATION

Whereas we, the undersigned inventors, have invented certain new and useful innovations as set forth in the patent application entitled:

SYNTHESIS OF ANTIMICROBIAL SILSESQUIOXANE-SILICA HYBRIDS

the specification of which was filed with the U.S. Patent & Tradmeark Office on August 16, 2013 and assigned application no. 61/959,177.

For one dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which we acknowledge, we:

- 1. Agree to assign, transfer, convey, and sell, hereby assign, transfer, convey, and sell and have assigned, transferred, conveyed, and sold to Kimmerling Holdings Group, LLC, a limited liability corporation of the State of Georgia having a principal place of business at 3698 Largent Way, Suite 202, Marietta, GA 30064 ("Assignee"), the entire right, title, and interest in and to:
 - (a) all intellectual property (including, without limitation, any innovation, information, invention, discovery, product, process, work or design) disclosed, embodied, shown, or claimed in the above-referenced patent application, implicitly or explicitly;
 - (b) the above-referenced patent application, the right to claim priority to the above-referenced patent application, all applications based in whole or in part upon the above-referenced patent application, including, without limitation, all applications that are a provisional, non-provisional, design, divisional, continuation, continuation-in-part, registration, utility model, industrial design, reissue, renewal, substitute, extension, reexamination, post-grant review, inter partes review, supplemental examination or non-U.S. patent application or application for other rights based in whole or in part on the above-referenced patent application;
 - (c) all patents (including, without limitation, all U.S. and non-U.S. patents, registrations, utility models, industrial designs, design patents, counterparts, continuations, continuations-in-part, divisionals, reissues, renewals, substitutes, extensions, reexaminations, post-grant reviews, inter partes reviews and supplemental examinations) that are granted or issued upon, or that claim priority to, any and all applications described in (b) of this paragraph or that disclose or claim intellectual property described in (a) of this paragraph, in whole or in part; and
 - (d) all claims for damages by reason of past infringement of any rights under the applications or patents described in (a), (b) or (c) of this paragraph

PATENT REEL: 049685 FRAME: 0915 (including provisional rights to reasonable royalties pursuant to 35 U.S.C. §154(d)) and the right to sue for and collect such damages and royalties for Assignee's own use.

- 2. Authorize and request the U.S. Patent and Trademark Office or any other U.S. or non-U.S. agency to issue to the Assignee any and all patent(s), or other rights or documents, resulting from the intellectual property, patent application(s) and patents described in paragraph 1 of this Assignment.
- 3. Agree to sign all papers and documents, including without limitation, applications, declarations, oaths and petitions, and, at the Assignee's expense, perform any other acts that are necessary in connection with prosecution of patent application(s) or intellectual property described in paragraph 1 of this Assignment and the enforcement of patent(s) or other rights resulting from such patent application(s) or intellectual property.
- 4. Agree that the terms, covenants, and conditions of this Assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon us, as well as our heirs, legal representatives, and assigns.
- 5. Promise and affirm that we have not entered, and will not enter, into any assignment, contract, or understanding that conflicts with this Assignment.
- Authorize Kilpatrick Townsend & Stockton to insert the application number of the above-described patent application on page one when known.

Signed on the date indicated be	side my signature.		
Dated: Feb 3 2014	whice with	<i></i>	N.
	Franklin R. Tay		
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Assignment of Intellectual Property Rights in Application
Patent Application Entitled: Synthesis of Antimicrobial Silsesquioxane-Silica Hybrids
Attorney Docket: 61429-884679
Page 3 of 3

Dated: 02/07/2014	Shirpy Gwng	
Witness Signature: Zh Witness Printed Name: Zh Witness Address: Zon Witness Address:	Shi-Qiang Gong Lixing I hang ixing 2 hang gii Hospital, 1095 Irefung Road, lan, China, 430030	
Dated:	Kirk Kimmerling	
COUNTY OF Nature Pr		
A7177	rsonally appeared Kirk Kimmerling, who being duly sw foregoing Assignment as his free act and deed.	rom,
(Seal)	NOTARY PUBLIC My Commission Expires:	section in their

PATENT REEL: 049685 FRAME: 0917 Assignment of Intellectual Property Rights in Application
Patent Application Entitled: Synthesis of Antimicrobial Silsesquioxane-Silica Hybrids
Attorney Docket: 61429-884679
Page 3 of 3

Dated:	····				
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of Flor uary, 2014,	/ Public in and personally apr	for the State of <u>(</u> beared Kirk Kimm e	TOME who being	, on this <u>_</u> ng duly sworr	<u>ra</u> day 1.
signed and acknowledged t	he foregoing A	ssignment as his fro	ee act and deed.		73/ //
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BRITTANY A CRANFORD			8	:80	
Notary Public Cobb County					(14)
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RECORDED: 07/08/2019