504340704 04/27/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4387392

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
MAHER F. EL-KADY	04/11/2017
RICHARD B. KANER	04/26/2017
JEE YOUN HWANG	04/12/2017

RECEIVING PARTY DATA

Name:	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA		
Street Address:	1111 FRANKLIN STREET, TWELFTH FLOOR		
City:	OAKLAND		
State/Country:	CALIFORNIA		
Postal Code:	94607-5200		

PROPERTY NUMBERS Total: 2

Property Type	Number	
Application Number:	14945232	
PCT Number:	US2015061400	

CORRESPONDENCE DATA

Fax Number: (877)812-1249

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: 919-238-2300 **Email:** jalkove@wt-ip.com

Correspondent Name: WITHROW & TERRANOVA, P.L.L.C.
Address Line 1: 106 PINEDALE SPRINGS WAY
Address Line 4: CARY, NORTH CAROLINA 27511

ATTORNEY DOCKET NUMBER:	1151-024
NAME OF SUBMITTER:	JENNIFER ALKOVE
SIGNATURE:	/Jennifer Alkove/
DATE SIGNED:	04/27/2017

Total Attachments: 3

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PATENT 504340704 REEL: 042161 FRAME: 0398

ASSIGNMENT

UCLA Case No. 2015-285-2

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S),

Maher F. El-Kady, Richard B. Kaner and Jee Youn Hwang

hereby sells, assigns and transfers to ASSIGNEE, The Regents of the University of California, a California Corporation, having its statewide administrative offices located 1111 Franklin Street, Twelfth Floor, Oakland, CA 94607-5200, and the successors, assigns and legal representatives of the ASSIGNEE all of its right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention entitled:

POROUS INTERCONNECTED CORRUGATED CARBON-BASED NETWORK (ICCN) COMPOSITE and which is found in (a)_____ U.S. patent application filed herewith and listing the above named persons as inventors (b) U.S. Provisional Application Serial No. ______, filed on ______ (c) ✓ U.S. Patent Application Serial No. 14/945 232, filed on November 18, 2015 (d) U.S. Patent No. ______, issued ______ (e) / International Patent Application Serial No. PCT/US2015/061400, filed on November 18, 2015 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, continuation-in-part, extension, conversion to 35 USC 111(a) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property; ASSIGNOR(S) hereby agrees that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment; ASSIGNOR(S) further agrees 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, post grant review, inter partes review, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known. AND the ASSIGNOR(S) requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, The Regents of the University of California. executed this Signature of Inventor(s) 1 day of April , 2017 day of ________, 2017 RICHARD B. KANER JEE YOUN HWANG Assignee hereby accepts this Assignment:

> PATENT REEL: 042161 FRAME: 0399

ASSIGNMENT

L'CLA Case No. 2015-285-2

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S),

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POROUS INTERCONNECT	ED CORRUGATED (ARBON-BASED NETWORI	C(ICCN) COMPOSITE	
and which is found in				
(a)US, patent applicatio	n filed herewith and listn	ng the above named persons as it	wentors	
(b) U.S. Provisional Appl	lication Serial No.	filed on		
(c) 🗸 U.S. Patent Applicatio	on Scriel No. <u>14.945 73</u> 2	, filed on November 18, 2015		
(d)U.S. Patent No		, issued		
(c) International Patent A	pplication Serial No. <u>PC</u>	<u>T 1/82015/961400,</u> filed on <u>Nov</u>	enba 18, 2015	
obtained for said invention by the	he above application or a sof, and any reissor, re	my continuation, division, contin examination or extension of sa	rity and, in and to, all Letters Patent to b utation-in-part, extension, conversion to 3; id Letters Patent and all rights under al	
ASSIGNOR(S) hereby agrees the would conflict with this assignment.	nt no assignment, sale, : unt;	agreement or encombrance has b	seen or will be made or entered into which	
relating to said invention and si testify as to the same in any int promptly execute and deliver to for, obtain, maintain, issue or en be necessary or desirable to can this assignment to insert into this	aid Letters Patent and le perference, post grant rev ASSIGNEE or its legal re force said application, sa ry out the purposes there s assignment the filing da	gal equivalents as may be know iew, inter parties review, liftigati representative any and all papers id invention and said Letters Pat iof. An attorney of record is au- ite and serial number of said app		
AND the ASSIGNORIS) reques any reissue or extension thereof i	ts the Commissioner of I to the ASSIGNEE, The I	Attents and Trademarks to issue Regards of the University of Cali	sold Letters Patent of the United States and forma.	
executed this		Signature of Inventor(s)		
day of	2017			
Wasy of April		MAHER E EL-KADY L / / / / / / / / / / / / / / / / / /	4	
day of	,2017	HE YOUN HWANG		
Assigned hereby accepts this A 40MM AlloX	ssigameni: PUN	logal	4/27/17	
Tanje "		06-2	D.K	

PATENT REEL: 042161 FRAME: 0400

ASSIGNMENT

UCLA Case No. 2015-285-2

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POROUS INTERCONNECTED CORRUGATED CARBON-BASED NETWORK (ICCN) COMPOSITE and which is found in (a)______U.S. patent application filed herewith and listing the above named persons as inventors (b) U.S. Provisional Application Serial No. ______, filed on ______ (e) Y U.S. Patent Application Serial No. 14945,232, filed on November 18, 2015 (c) ✓ International Patent Application Serial No. <u>PCT/I/S2015/061400</u>, filed on <u>November 18, 2015</u> 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, continuation-in-part, extension, conversion to 35 USC 111(a) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property: ASSIGNOR(S) hereby agrees that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment; ASSIGNOR(S) further agrees 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, post grant review, inter panes review, thigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known. AND the ASSIGNORIS) requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, The Regents of the University of California. executed this Signature of Inventor(s) MAHER F. EL-KADY 12 day of APril . 2017 JEE YOUN HWANG

> PATENT REEL: 042161 FRAME: 0401

RECORDED: 04/27/2017

signee hereby accepts this Assignment: