504945576 06/05/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4992323

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MAJID BEIDAGHI	05/18/2018
ARMIN VAHID MOHAMMADI	05/18/2018

RECEIVING PARTY DATA

Name:	AUBURN UNIVERSITY
Street Address:	570 DEVALL DRIVE
City:	AUBURN
State/Country:	ALABAMA
Postal Code:	36832

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15958888

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Email:tgulmen@andruslaw.comCorrespondent Name:TOLGA S. GULMENAddress Line 1:100 EAST WISCONSIN

Address Line 2: SUITE 1100

Address Line 4: MILWAUKEE, WISCONSIN 53202

ATTORNEY DOCKET NUMBER:	5171-00444
NAME OF SUBMITTER:	TOLGA S. GULMEN
SIGNATURE:	/TOLGA S. GULMEN/
DATE SIGNED:	06/05/2018

Total Attachments: 3

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PATENT 504945576 REEL: 045993 FRAME: 0130

ASSIGNMENT

WHEREAS,

Majid Beidaghi 2089 Preserve Drive Auburn, AL, 36879

Armin Vahid Mohammadi

516 East Glenn Avenue Auburn, AL, 36830

(hereinafter referred to as "Assignor") has invented certain new and useful improvements entitled:

ELECTROCHEMICAL SYSTEMS COMPRISING MXENES AND MAX PHASE COMPOSITIONS AND METHODS OF USING THE SAME

(hereinafter referred to as "Invention") for which the following applications for Invention have been filed:

Docket No.	Country	Application No.	Filing Date
5171-00442	US	62/487,738	April 20, 2017
5171-00443	US .	62/487,748	April 20, 2017
5171-00444	US	15/958,888	April 20, 2018
5171-00445	WO	PCT/US2018/028646	April 20, 2018

AND WHEREAS

AUBURN UNIVERSITY

Office of Innovation Advancement and Commercialization 570 Devall Drive Auburn, AL 36832

(hereinafter referred to as "Assignee") is desirous of acquiring an interest therein and in the Letters Patent obtained therefor;

NOW THEREFORE, be it known by all whom it may concern, that for good and valuable consideration Assignor does hereby sell, assign, and transfer to Assignee, and to its legal representatives, successors, and assigns, its entire right, title, and interest in and to the Invention and to all United States, international, and foreign patent applications any of whose claims cover all or part of the Invention, to any prior or provisional application, including any application from which priority is claimed, together with all patents resulting from such applications including any continuations, divisions, reissues, re-examinations and extensions thereof and any applications claiming priority therefrom.

PATENT REEL: 045993 FRAME: 0131 Assignee shall hold such right, title, and interest as fully and completely as it would have been held by Assignor had this assignment and sale not been made.

Assignor agrees, upon Assignee's request, to execute or assent to such United States, international, and foreign patent applications and to execute all separate assignments and other legal documents that Assignee may find necessary or desirable in its exercise of the right, title, and interest assigned above. Assignor also agrees to communicate to Assignee any facts relating to the Invention or to any of the patent applications or patents contemplated above that may be useful to Assignee and to testify as to such facts in any interferences or in litigation, if requested to do so.

Assignor understands and agrees that the attorneys and agents of the law firm of Andrus Intellectual Property Law, LLP do not personally represent Assignor or Assignor's legal interests, but instead represent the interests of Assignee. Because said attorneys and agents cannot provide legal advice to Assignor with respect to this Assignment, Assignor acknowledges its right to seek its own independent legal counsel.

Assignor hereby requests the Commissioner of Patents to issue to Assignee, as the owner of Assignor's entire right, title, and interest therein, any Letters Patent of the United States that may be issued for the Invention.

Inventor: Majid Bei	<u>3 es duytu</u> daghi	Date: <u>05/18/2018</u>	8
State of Alabama)) ss.		
County of Lee)		
On this 18th day appeared said Majid Beinstrument and acknowle therein set forth.	idaghi, known to me to	be the person who	
SEAL No.	otary Public y Commissioner Expires:	December 1,	2020
AND THE AND	NOTARY PUBLIC	CHERYL RHODES My Commission Expires August 1, 2020	

Atty Docket Nos. 5171-00442, -00443, -00444, & -00445 Customer No. 26753

Inventor: Armin	Vahid Mohammadi	/ Date: <u>05</u> /	18/2018
State of Alabama) ss.		
County of 100) 55.		
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