

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5071076

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
YUAN YANG	05/17/2016
ZEYUAN CAO	05/17/2016
RECEIVING PARTY DATA	
Name:	THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK
Street Address:	535 WEST 116TH STREET
Internal Address:	412 LOW MEMORIAL LIBRARY
City:	NEW YORK
State/Country:	NEW YORK
Postal Code:	10027
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16073593
CORRESPONDENCE DATA	
Fax Number:	(215)568-3439
<i>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.</i>	
Phone:	215-568-3100
Email:	assignments@woodcock.com
Correspondent Name:	BAKER & HOSTETLER LLP
Address Line 1:	CIRA CENTRE 12TH FLOOR
Address Line 2:	2929 ARCH STREET
Address Line 4:	PHILADELPHIA, PENNSYLVANIA 19104-2891
ATTORNEY DOCKET NUMBER:	101879.000069 / CU16191
NAME OF SUBMITTER:	VALERIE CHICCHI
SIGNATURE:	/Valerie Chicchi/
DATE SIGNED:	07/27/2018
Total Attachments: 4	
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DOCKET NO.: 101879.000018 / CU16191

ASSIGNMENT

WHEREAS, I, Yuan Yang, a citizen of United States, residing at 752 West End Avenue, Apt. 19H, New York, New York 10025, ASSIGNOR, am an inventor of one or more inventions disclosed, described and/or claimed in the application referred to as Docket Number 101879.000018 / CU16191 ("the invention"), assigned application number 62/287,550 filed on January 27, 2016, entitled ALKALI METAL BATTERY NEGATIVE ELECTRODES AND RELATED METHODS ("the subject application");

AND WHEREAS, The Trustees of Columbia University in the City of New York, ASSIGNEE, having a place of business at 412 Low Memorial Library, 535 West 116th Street, New York, New York 10027, is desirous of obtaining my entire right, title, and interest in, to, and under the invention:

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the ASSIGNOR, hereby sell, assign, transfer, and set over, unto the ASSIGNEE, its successors, legal representatives, and assigns, my entire right, title, and interest in, to, and under the invention, and all applications for industrial property protection, including without limitation, all applications for patents, utility models, inventors' certificates, and designs that have been filed, and that may hereafter be filed, in any country, that disclose, describe, and/or claim the invention, including, without limitation, the subject application and the priority application, and all extensions, renewals, and reissues of such applications, including all divisions and continuations in whole or in part; all patents granted on such applications in any country, and all extensions, renewals, and reissues of such patents, including all divisions and continuations in whole or in part; the right to file such applications in any country; and the right to claim for such applications in any country the priority rights derived from the priority application and the subject application under the International Convention for the Protection of Industrial Property, the Patent Laws of the United States, any other international agreement or protection, or the domestic laws of any country in which any such application is filed, as may be applicable.

AND I HEREBY covenant and agree that I have full right to convey my entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

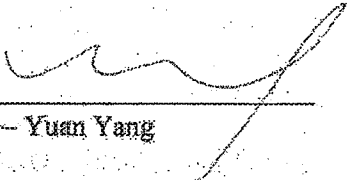
AND I HEREBY further covenant and agree that I will communicate to the ASSIGNEE, its successors, legal representatives, and assigns, any facts known to me respecting the invention, and testify in any legal proceeding, sign all lawful papers, execute all disclaimers and all divisional, continuing, reissue, and foreign applications, make all rightful oaths, deliver upon request all papers, documents, affidavits, or other instruments that may be necessary or helpful in the prosecution of any application for industrial property protection describing and/or claiming the invention, and generally do everything possible to aid the ASSIGNEE, its successors, legal

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representatives, and assigns, to obtain and enforce proper protection for the invention in all countries.

IN TESTIMONY WHEREOF, I have signed my name below on the date indicated above my signature.

Executed this 17 day of May, year of 2016.


Signature-- Yuan Yang

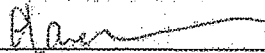
STATEMENT OF WITNESS

SIGNED at New York NY US
(City) (State) (Country)

This 17 day of May, 2016.

I, Haowei Zhai whose full residence address is
242 W 10th St. Apt 5c

was personally present and did see Yuan Yang execute the above assignment on the 17 day of May, 2016, and such assignor is personally known to me to be the person described in such document.


Signature of Witness

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ASSIGNMENT

WHEREAS, I, Zeyuan Cao, a citizen of United States, residing at 1027 Ridge Avenue, Apt. 605, Philadelphia, Pennsylvania 19123, ASSIGNOR, am an inventor of one or more inventions disclosed, described and/or claimed in the application referred to as Docket Number 101879.000018 / CU16191 ("the invention"), assigned application number 62/287,550 filed on January 27, 2016, entitled **ALKALI METAL BATTERY NEGATIVE ELECTRODES AND RELATED METHODS** ("the subject application");

AND WHEREAS, The Trustees of Columbia University in the City of New York, ASSIGNEE, having a place of business at 412 Low Memorial Library, 535 West 116th Street, New York, New York 10027, is desirous of obtaining my entire right, title, and interest in, to, and under the invention:

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the ASSIGNOR, hereby sell, assign, transfer, and set over, unto the ASSIGNEE, its successors, legal representatives, and assigns, my entire right, title, and interest in, to, and under the invention, and all applications for industrial property protection, including without limitation, all applications for patents, utility models, inventors' certificates, and designs that have been filed, and that may hereafter be filed, in any country, that disclose, describe, and/or claim the invention, including, without limitation, the subject application and the priority application, and all extensions, renewals, and reissues of such applications, including all divisions and continuations in whole or in part; all patents granted on such applications in any country, and all extensions, renewals, and reissues of such patents, including all divisions and continuations in whole or in part; the right to file such applications in any country; and the right to claim for such applications in any country the priority rights derived from the priority application and the subject application under the International Convention for the Protection of Industrial Property, the Patent Laws of the United States, any other international agreement or protection, or the domestic laws of any country in which any such application is filed, as may be applicable.

AND I HEREBY covenant and agree that I have full right to convey my entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

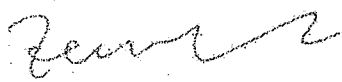
AND I HEREBY further covenant and agree that I will communicate to the ASSIGNEE, its successors, legal representatives, and assigns, any facts known to me respecting the invention, and testify in any legal proceeding, sign all lawful papers, execute all disclaimers and all divisional, continuing, reissue, and foreign applications, make all rightful oaths, deliver upon request all papers, documents, affidavits, or other instruments that may be necessary or helpful in the prosecution of any application for industrial property protection describing and/or claiming the invention, and generally do everything possible to aid the ASSIGNEE, its successors, legal

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representatives, and assigns, to obtain and enforce proper protection for the invention in all countries.

IN TESTIMONY WHEREOF, I have signed my name below on the date indicated above my signature.

Executed this 17 day of May, year of 2016.



Signature - Zeyuan Cao

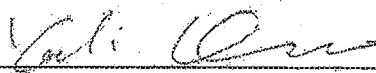
STATEMENT OF WITNESS

SIGNED at New York NY US
(City) (State) (Country)

This 17 day of May, 2016.

I, Yali Qiao whose full residence address is
400 W 119th St Apt 3A

was personally present and did see Zeyuan Cao execute the above assignment on the 17 day of May, 2016, and such assignor is personally known to me to be the person described in such document.



Signature of Witness