

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4307370

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JOHN B. GOODENOUGH	10/18/2016
LEIGANG XUE	10/18/2016
BYOUNGCHUL YOU	10/18/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM
<b>Street Address:</b>	201 W. 7TH STREET
<b>City:</b>	AUSTIN
<b>State/Country:</b>	TEXAS
<b>Postal Code:</b>	78701
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15452337
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(512)322-8330
<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>	
<b>Phone:</b>	512-322-2500
<b>Email:</b>	tracy.engberg@bakerbotts.com
<b>Correspondent Name:</b>	BAKER BOTTS L.L.P. PATENT DEPARTMENT
<b>Address Line 1:</b>	98 SAN JACINTO BLVD., SUITE 1500
<b>Address Line 4:</b>	AUSTIN, TEXAS 78701-4039
<b>ATTORNEY DOCKET NUMBER:</b>	065715.0500
<b>NAME OF SUBMITTER:</b>	TRACY E. ENGBERG
<b>SIGNATURE:</b>	/Tracy E. Engberg/
<b>DATE SIGNED:</b>	03/07/2017
<b>Total Attachments: 5</b>	
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### ASSIGNMENT OF INVENTION

This assignment ("Assignment") is made by the undersigned inventor(s) of residence as listed (collectively, the "Assignors") to **BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM** ("Assignee"), an Institute of Higher Education organized and existing under the laws of Texas, having a place of business at 201 W. 7th Street, Austin, Texas 78701, USA.

### RECITALS

A. The Assignors have invented a new and useful invention entitled **ALKALI-METAL BATTERIES WITH A DENDRITE-FREE ANODE INTERFACING AN ORGANIC-LIQUID ELECTROLYTE** assigned to U.S. Provisional Application Serial No. 62/310,157 filed March 18, 2016.

B. The parties desire to have a recordable instrument assigning from the Assignors to the Assignee their entire right, title, and interest in and to the above-identified invention, in any form or embodiment thereof, whether or not claimed in any patent or patent application, patent application, and patent application that may be filed throughout the world and all Letters Patent that may be granted or issued, for the invention or that derive a right of priority from the application (including without limitation, all divisional, continuation, continuation-in-part, request for continued examination, and continued prosecution applications thereof, and all reissues and reexaminations thereof, and all foreign counterparts thereof) (the invention, patent application, and Letters Patent collectively, the "Invention").

### AGREEMENT

NOW, THEREFORE, in accordance with their obligations to assign the Invention, and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, each of the Assignors agrees to the foregoing and as follows:

1. Each of the Assignors does and will sell, assign, and transfer to Assignee such Assignor's entire right, title, and interest in and to the Invention, including, without limitation, the rights to file foreign patent applications directly in the name of the Assignee and to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties, or otherwise.

2. Each of the Assignors agrees that, upon request and without further compensation, but at no expense to such Assignor, such Assignor and such Assignor's legal representatives and assigns will do all lawful acts, including the execution of papers and the giving of testimony, that may be necessary or desirable for obtaining, sustaining, reissuing, or enforcing the Invention in the United States and throughout the world, and for perfecting, recording, or maintaining the title of Assignee, and Assignee's successors and assigns, in and to the Invention in the United States and throughout the world. In the event that Assignee is unable for any reason to secure any of the Assignors' signatures to any document that may be necessary or desirable for obtaining, sustaining, reissuing, or enforcing the Invention, in the United States and throughout the world, or for perfecting, recording, or maintaining the title of Assignee, and Assignee's successors and assigns, in and to the Invention in the United States and throughout the world, each such Assignor hereby irrevocably designates and appoints Assignee and Assignee's duly authorized officers and agents as such Assignor's agents and attorneys-in-fact to act for and on such Assignor's behalf and instead of such Assignor to execute such document, all with the same legal force and effect as if executed by such Assignor.

3. Each of the Assignors authorizes and requests the Assistant Commissioner for Patents of the United States and the various counterparts thereof throughout the world to issue and/or grant any Letters Patent granted for each Invention to Assignee, its successors and assigns, as the assignee of the entire interest in such Letters Patent.

4. This Assignment constitutes the entire agreement with respect to its subject matter and supersedes all prior or contemporaneous oral or written agreements concerning such subject matter. No waiver, amendment, or modification of this Assignment shall be effective against the Assignee, unless in writing executed by a duly authorized representative of the Assignee.

ATTORNEY DOCKET NO.  
065715.0500  
(6882 GOO)

PROVISIONAL APPLICATION  
62/310,157

4

Title: **ALKALI-METAL BATTERIES WITH A DENDRITE-FREE ANODE  
INTERFACING AN ORGANIC-LIQUID ELECTROLYTE**

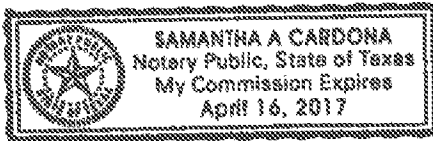
Signature:   
Name: **Leigang Xue**

Date: 10/18/2016

Residence (City, State): **Austin, Texas**

In the State of Texas §  
In the County of Travis §

Before me, the undersigned authority, on this 18 day of October, 2016  
personally appeared **Leigang Xue**, known to me to be the person whose name is subscribed to  
the foregoing instrument and acknowledged to me that he executed the same of his own free will  
for the purposes and consideration therein expressed.



  
Notary or Consular Officer

ATTORNEY DOCKET NO.  
065715.0500  
(6882 GOO)

PROVISIONAL APPLICATION  
62/310,157

5

Title: **ALKALI-METAL BATTERIES WITH A DENDRITE-FREE ANODE  
INTERFACING AN ORGANIC-LIQUID ELECTROLYTE**

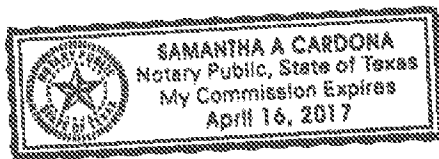
Signature: [Signature]  
Name: **Byoungchul You**

Date: 10/18/2016

Residence (City, State): **Austin, Texas**

In the State of Texas §  
In the County of Travis §

Before me, the undersigned authority, on this 18 day of October 2016 personally appeared **Byoungchul You**, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.



[Signature]  
Notary or Consular Officer

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065715.0500  
(6882 GOO)

PROVISIONAL APPLICATION  
62/310,157

3

Title: **ALKALI-METAL BATTERIES WITH A DENDRITE-FREE ANODE  
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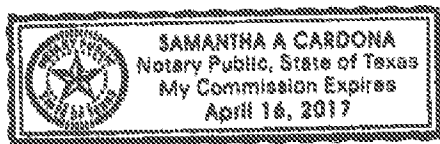
Signature: *John B. Goodenough*  
Name: **John B. Goodenough**

Date: 10/18/16

Residence (City, State): **Austin, Texas**

In the State of Texas §  
In the County of Travis §

Before me, the undersigned authority, on this 18 day of October 2016 personally appeared **John B. Goodenough**, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.



*Samantha A Cardona*  
Notary or Consular Officer