

<b>PATENT ASSIGNMENT COVER SHEET</b>
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 Stylesheet Version v1.2

EPAS ID: PAT6000230

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
TAKANARI OUCHI	12/22/2014
HOJONG KIM	12/17/2014
DONALD R. SADOWAY	12/22/2014
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16193405
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<b>ATTORNEY DOCKET NUMBER:</b>	3745/1067
<b>NAME OF SUBMITTER:</b>	WILLIAM H. BRAUNLIN
<b>SIGNATURE:</b>	/William H. Braunlin, #76,180/
<b>DATE SIGNED:</b>	03/06/2020
<b>Total Attachments: 4</b>	
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ASSIGNMENT

ASSIGNORS: Takanari Ouchi  
Hojong Kim  
Donald R. Sadoway

ASSIGNEE: Massachusetts Institute of Technology  
77 Massachusetts Avenue  
Cambridge, MA 02139

TITLE: Multi-Element Liquid Metal Battery

ATTORNEY DOCKET: 3745/1038

APPLICATION NO.: 62/091,924

FILING DATE: December 15, 2014

Assignor is a joint inventor of a certain new and useful invention (the "Invention") described in a United States patent application (the "Application") bearing the above attorney docket number and having the above title. If a filing date and application number are shown, the Application has a Patent and Trademark Office filing date and application number as indicated above.

For valuable consideration, receipt of which is acknowledged, each Assignor hereby assigns to Assignee (which term shall include Assignee's successors and assigns), all of Assignor's right, title and interest in the Invention, all improvements therein, the Application and all priority rights arising therefrom, and any patents, and any reissues and extensions thereof, which issue in any country upon any patent applications which correspond with any of the following: the Application; any application that claims priority from the Application (including as a divisional, continuation-in-whole or continuation-in-part, or as an application claiming priority from a provisional application); or any application based in whole or in part on any of the foregoing.


Each Assignor further agrees that such Assignor and Assignor's heirs and legal representatives will, without further consideration, cooperate with Assignee in the prosecution of all of the above applications, execute, verify, acknowledge and deliver all such further papers,

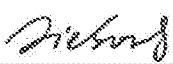
including applications for patents and for reissues and extensions therefor, and instruments of assignment and transfer thereof, and will communicate any facts known to Assignor relating to the Invention, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee. Each Assignor further agrees that such Assignor will, without further compensation to Assignor during the term of such Assignor's employment by Assignee and thereafter for reasonable compensation as determined by Assignee, perform such other acts as may be reasonably required when requested by Assignee, including attending depositions, preparing and executing declarations and affidavits and testifying as a witness, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee.

I hereby authorize and request Sunstein Kann Murphy & Timbers LLP to supply any missing patent application identification information or correct any errors in the patent application identification information provided above, whether discovered prior to or after recordation.

IN WITNESS WHEREOF, each Assignor hereby executes this instrument on the date set forth below.

Date: 12-22-2014   
Takanari Ouchi, Assignor

Witness Signature:   
Print Witness Name: Bruce Chan  
Address: 15 Blackwood St, unit 4 Boston MA 02115

Witness Signature:   
Print Witness Name: Jie Song  
Address: 81 Presidential Dr. Apt 4 Quincy MA 02169

Date: Dec. 17, 2014

Hojong Kim  
Hojong Kim, Assignor

Witness Signature: Allison M. Beese

Print Witness Name: Allison M. Beese

Address: 113 Greenmeadow Ln., Port Matilda, PA 16870

Witness Signature: M. Hickner

Print Witness Name: Michael A. Hickner

Address: 709 Devonshire Dr., State College PA 16803

Date: \_\_\_\_\_

\_\_\_\_\_  
Donald R. Sadoway, Assignor

Witness Signature: \_\_\_\_\_

Print Witness Name: \_\_\_\_\_

Address: \_\_\_\_\_

Witness Signature: \_\_\_\_\_

Print Witness Name: \_\_\_\_\_

Address: \_\_\_\_\_

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Date: \_\_\_\_\_

Hojong Kim, Assignor

Witness Signature: \_\_\_\_\_

Print Witness Name: \_\_\_\_\_

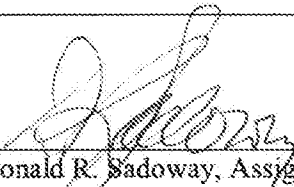
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Witness Signature: \_\_\_\_\_

Print Witness Name: \_\_\_\_\_

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Date: 12/02/14

  
Donald R. Sadoway, Assignor

Witness Signature: Jie Song

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Witness Signature: Kiwamu

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