

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3632099

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
TOBIN J. MARKS	05/09/2013
MARK A. RATNER	06/12/2013
MASSIMILIANO DELFERRO	06/10/2013
LISA A. FREDIN	06/26/2013
ZHONG LI	05/16/2013
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	NORTHWESTERN UNIVERSITY
<b>Street Address:</b>	633 CLARK STREET
<b>City:</b>	EVANSTON
<b>State/Country:</b>	ILLINOIS
<b>Postal Code:</b>	60208
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14853825
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(414)298-8097
<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>Email:</b>	ipadmin@reinhardtllaw.com
<b>Correspondent Name:</b>	RODNEY DEKRUIF
<b>Address Line 1:</b>	1000 NORTH WATER STREET
<b>Address Line 2:</b>	SUITE 1700
<b>Address Line 4:</b>	MILWAUKEE, WISCONSIN 53202
<b>ATTORNEY DOCKET NUMBER:</b>	9725-DIV-CIP-CON
<b>NAME OF SUBMITTER:</b>	TRAVIS MCDONNELL
<b>SIGNATURE:</b>	/Travis McDonnell/
<b>DATE SIGNED:</b>	11/25/2015
<b>Total Attachments: 6</b>	
source=9725-DIV-CIP-CON Executed NU Assignment#page1.tif	

source=9725-DIV-CIP-CON Executed NU Assignment#page2.tif  
source=9725-DIV-CIP-CON Executed NU Assignment#page3.tif  
source=9725-DIV-CIP-CON Executed NU Assignment#page4.tif  
source=9725-DIV-CIP-CON Executed NU Assignment#page5.tif  
source=9725-DIV-CIP-CON Executed NU Assignment#page6.tif

**ASSIGNMENT**

WHEREAS, WE, Tobin J. Marks, Mark A. Ratner, Massimiliano Delferro, Lisa A. Fredin, and Zhong Li (hereinafter collectively referred to as ("ASSIGNORS") have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Continuation in Part Patent Application: Aluminum Metallic Nanoparticle-Polymer Nanocomposites  
for Energy Storage  
CIP Patent Application Serial Number: 13/840,115 Filing Date: March 15, 2013

WHEREAS, Northwestern University, an Illinois not-for-profit corporation, having a place of business at 633 Clark Street, Evanston, Illinois 60208, hereinafter referred to as "ASSIGNEE," is desirous of acquiring the entire right, title and interest in said invention and application and in any Letters Patent which may be granted on the same;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged, ASSIGNORS have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said ASSIGNEE, and ASSIGNEE's successors and assigns, all right, title and interest in and to said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world, including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, or prolongations or extensions thereof, said interest to be held and enjoyed by said ASSIGNEE as fully and exclusively as it would have been held and enjoyed by said ASSIGNORS had this assignment and transfer not been made, to the full extent and term of any Letters Patent.

ASSIGNORS further agree that ASSIGNORS will, without charge to said ASSIGNEE, but at ASSIGNEE's expense, cooperate with ASSIGNEE in the prosecution of said application and/or applications; execute, verify, acknowledge, and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof; and perform such other acts as ASSIGNEE lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said ASSIGNEE, or ASSIGNEE's successors and assigns.

IN TESTIMONY WHEREOF, ASSIGNORS have hereunto signed ASSIGNORS' names to this Assignment on the date indicated below.

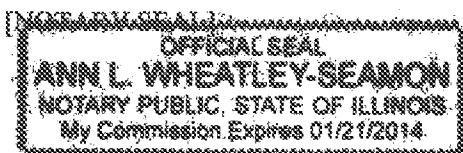
Tobin J. Marks 5/9/13  
TOBIN J. MARKS DATE

State of ILLINOIS ss.

County of COOK

On this 9TH day of MAY, 2013, before me, a Notary Public in and for the County and State aforesaid, appeared, to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he or she executed said instrument as his or her free and voluntary act and for the uses and purposes therein expressed.

Ann L. Wheatley-Seamon  
NOTARY PUBLIC




My Commission Expires: 1-21-2014

Assignment for Execution

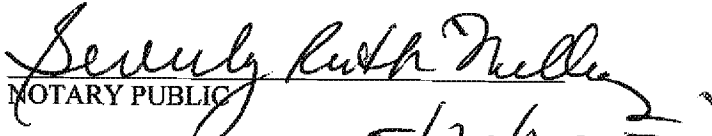
Title of Continuation in Part Patent Application: Aluminum Metallic Nanoparticle-Polymer Nanocomposites  
for Energy Storage

CIP Patent Application Serial Number: 13/840,115 Filing Date: March 15, 2013

  
MARK A. RATNER  
6/12/2013  
DATE

State of Illinois  
County of Cook ss.

On this 12th day of June, 2013, before me, a Notary Public in and for the County and State aforesaid, appeared, to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he or she executed said instrument as his or her free and voluntary act and for the uses and purposes therein expressed.

  
NOTARY PUBLIC  
My Commission Expires: 5/21/2017

[NOTARY SEAL]



Assignment for Execution

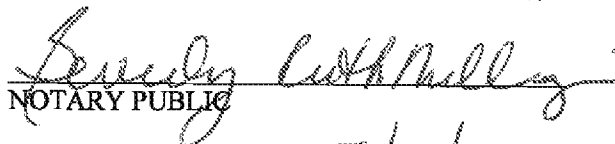
Title of Continuation in Part Patent Application: Aluminum Metallic Nanoparticle-Polymer Nanocomposites  
for Energy Storage

CIP Patent Application Serial Number: 13/840,115 Filing Date: March 15, 2013

  
MASSIMILIANO DELFERRO 06/10/2013  
DATE

State of Illinois ss.  
County of Cook

On this 10th day of June, 2013, before me, a Notary Public in and for the County and State aforesaid, appeared, to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he or she executed said instrument as his or her free and voluntary act and for the uses and purposes therein expressed.

  
NOTARY PUBLIC

[NOTARY SEAL]

My Commission Expires: 5/21/2017

Assign  
Title

C'

Assignment for Execution

Title of Continuation in Part Patent Application: Aluminum Metallic Nanoparticle-Polymer Nanocomposites  
for Energy Storage  
CIP Patent Application Serial Number: 13/840,115 Filing Date: March 15, 2013

  
LISA A. FREDIN



06/26/2013  
DATE

State of \_\_\_\_\_

County of \_\_\_\_\_ ss.

On this \_\_\_\_\_ day of \_\_\_\_\_, 2013, before me, a Notary Public in and for the County and State  
aforesaid, appeared, to me personally known to be the same person whose name is subscribed to the foregoing instrument,  
and acknowledged that he or she executed said instrument as his or her free and voluntary act and for the uses and  
purposes therein expressed.

\_\_\_\_\_  
NOTARY PUBLIC

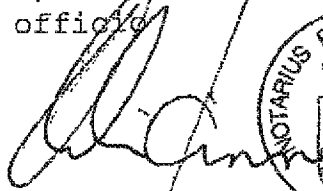
My Commission Expires: \_\_\_\_\_

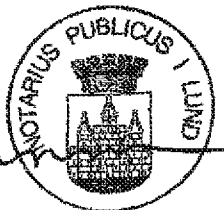
[NOTARY SEAL]

This is to certify that Lisa A. Fredin has written her  
signature by her own hand.

Lund, Sweden, this 26<sup>th</sup> day of June 2013

Ex officio

  
Helén Kinnman  
Notary Public



Dno 897/13  
Fee SEK 270

Assignment for Execution

Title of Continuation in Part Patent Application: Aluminum Metallic Nanoparticle-Polymer Nanocomposites  
for Energy Storage

CIP Patent Application Serial Number: 13/840,115 Filing Date: March 15, 2013

Zhong Li 05-16-2013  
ZHONG LI DATE

State of OH ss.  
County of Franklin

On this 16<sup>th</sup> day of May, 2013, before me, a Notary Public in and for the County and State aforesaid, appeared, to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he or she executed said instrument as his or her free and voluntary act and for the uses and purposes therein expressed.

[Signature]  
NOTARY PUBLIC

[NOTARY SEAL]

My Commission Expires: 03.07.2016

