

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3826764

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
NAGARJUNA GAVVALAPALLI	03/21/2016
JEFFREY S. MOORE	04/04/2016
JOAQUIN RODRIGUEZ-LOPEZ	03/21/2016
MEI SHEN	03/21/2016
TIMOTHY LICHTENSTEIN	03/03/2016
KEVIN CHENG	03/22/2016
RECEIVING PARTY DATA	
Name:	THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS
Street Address:	506 S. WRIGHT
Internal Address:	352 HENRY ADMINISTRATION BUILDING
City:	URBANA
State/Country:	ILLINOIS
Postal Code:	61801
PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	15000910
Application Number:	62104329
CORRESPONDENCE DATA	
Fax Number:	(612)238-7251
<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>	
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Email:	jmesser@hfglobalip.com
Correspondent Name:	HAUKAAS FORTIUS PLLC
Address Line 1:	5100 EDEN AVE.
Address Line 2:	SUITE 303
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ATTORNEY DOCKET NUMBER:	500.066US1
NAME OF SUBMITTER:	MICHAEL HAUKAAS
SIGNATURE:	/ Michael Haukaas /

PATENT

DATE SIGNED:	04/12/2016
Total Attachments: 7 source=500.066US1 Executed Assignment#page1.tif source=500.066US1 Executed Assignment#page2.tif source=500.066US1 Executed Assignment#page3.tif source=500.066US1 Executed Assignment#page4.tif source=500.066US1 Executed Assignment#page5.tif source=500.066US1 Executed Assignment#page6.tif source=500.066US1 Executed Assignment#page7.tif	

ASSIGNMENT

WHEREAS, We/I,

- **Nagarjuna Gavvalapalli**, residing at 505 S. Mathews Ave., M/C 712, Urbana, IL 61801, United States.
- **Jeffrey S. Moore**, residing at 807 Vista Drive, Savoy, IL 61874, United States.
- **Joaquin Rodriguez-Lopez**, residing at 58 RAL, Box 33-5, 600 South Mathews Avenue, Urbana, IL 61801, United States.
- **Kevin Cheng**, residing at 600 South Mathew, M/C 712, Urbana, IL 61801, United States.
- **Mei Shen**, residing at 33-5 Roger Adams Lab, M/C 712, Urbana, IL 61801, United States.
- **Timothy Lichtenstein**, residing at 785 Stockbridge Drive, Carol Stream, IL 60188-4740, United States.
-

have made certain new and useful inventions and certain improvements as described and set forth below;

Whereas, **The Board of Trustees of the University of Illinois**, organized under the laws of the state of Illinois and having a place of business at **352 Henry Administration Building, 506 S. Wright Street, Urbana, Illinois 61801, USA** (hereinafter referred to as "ASSIGNEE"), desires to acquire my/our entire right, title, and interest to said invention and to any United States and foreign patents to be obtained therefore;

Now therefore, in exchange for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, I/WE, the undersigned inventors, hereby sell, assign, and transfer to ASSIGNEE, its successors and assigns, my/our entire right, title and interest in the invention entitled

REDOX ACTIVE POLYMERS AND COLLOIDAL PARTICLES FOR FLOW BATTERIES

and described in U.S. Application No. 15/000,910, filed January 19, 2016, claiming priority from U.S. Provisional Patent Application No. 62/104,329 filed January 16, 2015, and any and all applications for patent and patents in any and all countries, including all divisions, continuations, reissues, and extensions thereof and all rights of priority resulting from the filing of said United States patent application, and all applications for patent and patents in any and all countries, resulting from the filing of said United States patent application. I/We request the Commissioner of Patents issue any Letters Patent granted upon the inventions set forth in said application to ASSIGNEE, its successors and assigns; and we hereby agree that ASSIGNEE may apply for foreign Letters Patent on said invention and I/We will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by ASSIGNEE.

I/We do hereby agree that upon request and without further consideration I/We and our respective executors and legal representatives will communicate to ASSIGNEE or its representatives or nominees any facts known to Me/Us respecting said improvements and testify in any legal proceedings, sign and deliver all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths, and generally aid the ASSIGNEE, its successors, assigns, and nominees to obtain and enforce proper patent protection for said invention in all countries.

IN TESTIMONY WHEREOF, I, **Nagarjuna Gavvalapalli**, have caused this ASSIGNMENT to be

signed this 21 day of March, 2016.

G. Nagarjuna
Nagarjuna Gavvalapalli

STATE OF Illinois)
COUNTY OF Champaign) ss.

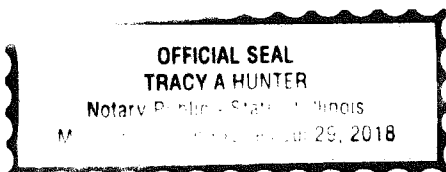
On this 21st day of March, 2016, before me personally appeared **Nagarjuna Gavvalapalli**, personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same of his/her authorized capacity, and that by his/her signature on the instrument, the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal:

Tracy A Hunter
Notary Public

[SEAL]

My Commission expires: July 29, 2018



IN TESTIMONY WHEREOF, I, **Jeffrey S. Moore**, have caused this ASSIGNMENT to be signed this

4th day of April, 2016.



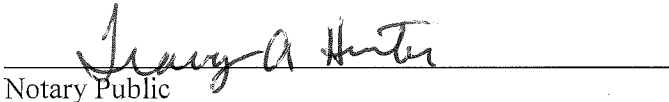
Jeffrey S. Moore

STATE OF Illinois)
) ss.

COUNTY OF Champaign)

On this 4th day of April, 2016, before me personally appeared **Jeffrey S. Moore**, personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same of his/her authorized capacity, and that by his/her signature on the instrument, the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal:



Notary Public

[SEAL]



My Commission expires: July 29, 2018

IN TESTIMONY WHEREOF, I, **Joaquin Rodriguez-Lopez**, have caused this ASSIGNMENT to be

signed this 21 day of March, 2016.

Joaquin Rodriguez-Lopez

STATE OF Illinois)

COUNTY OF Champaign) ss.

On this 21st day of March, 2016, before me personally appeared **Joaquin Rodriguez-Lopez**, personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same of his/her authorized capacity, and that by his/her signature on the instrument, the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal:

Tracy A Hunter
Notary Public

[SEAL]

My Commission expires: July 29, 2018



IN TESTIMONY WHEREOF, I, **Mei Shen**, have caused this ASSIGNMENT to be signed this 21
day of March, 2016.

Mei Shen
Mei Shen

STATE OF Illinois)
) ss.
COUNTY OF Champaign)

On this 21st day of March, 2016, before me personally
appeared **Mei Shen**, personally known to me or proved to me on the basis of satisfactory evidence to
be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she
executed the same of his/her authorized capacity, and that by his/her signature on the instrument, the
person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal:

Tracy A Hunter
Notary Public

[SEAL]

My Commission expires: July 29, 2018



IN TESTIMONY WHEREOF, I, Timothy Lichtenstein, have caused this ASSIGNMENT to be
signed this 3rd day of March, 2016



Timothy Lichtenstein

STATE OF Pennsylvania)
COUNTY OF Centre) ss.

On this 3 day of March, 2016, before me personally
appeared Timothy Lichtenstein, personally known to me or proved to me on the basis of satisfactory
evidence to be the person whose name is subscribed to the within instrument, and acknowledged to me
that he/she executed the same of his/her authorized capacity, and that by his/her signature on the
instrument, the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.



Notary Public

[SEAL]

My Commission expires 9/24/17

NOTARIAL SEAL
Erin L. Clouser
NOTARY PUBLIC
State College Boro, Centre County
My Commission Expires 09/24/2017

IN TESTIMONY WHEREOF, I, **Kevin Cheng**, have caused this ASSIGNMENT to be signed this
22 day of March, 2016.

Kevin Cheng
Kevin Cheng

STATE OF Illinois)
COUNTY OF Champaign) ss.

On this 22nd day of March, 2016, before me personally appeared **Kevin Cheng**, personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same of his/her authorized capacity, and that by his/her signature on the instrument, the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal:

Tracy A Hunter
Notary Public

[SEAL]

My Commission expires: July 29, 2018

