

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	PRASHANT N. KUMTA	11/21/2018
	BHARAT GATTU	06/24/2019
	MONI KANCHAN DATTA	11/21/2018
	OLEG VELIKOKHATNYI	11/21/2018
	PAVITHRA MURUGAVEL SHANTHI	11/21/2018
	PRASHANTH JAMPANI HANUMANTHA	07/15/2019
RECEIVING PARTY DATA		
Name:	UNIVERSITY OF PITTSBURGH-OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION	
Street Address:	130 THACKERAY AVENUE	
Internal Address:	1ST FLOOR GARDNER STEEL CONFERENCE CENTER	
City:	PITTSBURGH	
State/Country:	PENNSYLVANIA	
Postal Code:	15260	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	16628837
CORRESPONDENCE DATA		
Fax Number:	(412)566-6099	
<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:	(412)566-6000	
Email:	ipmail@eckertseamans.com	
Correspondent Name:	ECKERT SEAMANS CHERIN & MELLOTT LLC	
Address Line 1:	U.S. STEEL TOWER	
Address Line 2:	600 GRANT STREET, 44TH FLOOR	
Address Line 4:	PITTSBURGH, PENNSYLVANIA 15219	
ATTORNEY DOCKET NUMBER:	214001-01632 US	
NAME OF SUBMITTER:	CAROL A. MARMO	
SIGNATURE:	/Carol A. Marmo/	

DATE SIGNED:	08/31/2020
Total Attachments: 7 source=214001-01632-US-ASSIGNMENT#page1.tif source=214001-01632-US-ASSIGNMENT#page2.tif source=214001-01632-US-ASSIGNMENT#page3.tif source=214001-01632-US-ASSIGNMENT#page4.tif source=214001-01632-US-ASSIGNMENT#page5.tif source=214001-01632-US-ASSIGNMENT#page6.tif source=214001-01632-US-ASSIGNMENT#page7.tif	

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **PRASHANT N. KUMTA**, residing at 125 Wilmar Drive, Pittsburgh, Pennsylvania 15238, a citizen of the United States of America, **BHARAT GATTU**, residing at 245 North Dithridge Street, Apt. 8, Pittsburgh, Pennsylvania 15213, a citizen of India, **MONI KANCHAN DATTA**, residing at 12 Moffett Street, Pittsburgh, Pennsylvania 15243, a citizen of India, **OLEG VELIKOKHATNYI**, residing at 858 Mirror Street, Pittsburgh, Pennsylvania 15217, a citizen of the United States of America, **PAVITHRA MURUGAVEL SHANTHI**, residing at 314 Amber Street, Apt. 2R, Pittsburgh, Pennsylvania 15206, a citizen of India, **PRASHANTH JAMPANI HANUMANTHA**, residing at 4628 Bayard Street, Apt. 309, Pittsburgh, Pennsylvania 15213, a citizen of India;

Hereby sell, assign and transfer to the **UNIVERSITY OF PITTSBURGH - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION**, a non-profit Pennsylvania corporation, having a place of business at 1st Floor Gardner Steel Conference Center, 130 Thackeray Avenue, Pittsburgh, Pennsylvania 15260, in the County of Allegheny and Commonwealth of Pennsylvania, its successors, assigns and legal representatives, our entire right, title and interest, for all countries, in and to any and all improvements which are disclosed and claimed, and any and all improvements which are disclosed but not claimed in PCT International Application No. **PCT/US2018/041196**, filed on **July 9, 2018**, which claims priority from United States Provisional Patent Application No. 62/529,638, filed on July 7, 2017, both of which are entitled, "**ELECTROSPINNING OF PVDF-HFP: NOVEL COMPOSITE POLYMER ELECTROLYTES (CPES) WITH ENHANCED IONIC CONDUCTIVITIES FOR LITHIUM-SULFUR BATTERIES**," and in and to said applications and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed on any of said improvements disclosed in said applications; and in and to all original and reissued patents which have been or shall be issued on said improvements;

Authorize and request the Commissioner of Patents and Trademarks to issue to said Assignee, the **UNIVERSITY OF PITTSBURGH - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION**, its successors, assigns and legal representatives, in accordance with this Assignment, any and all United States Letters Patent on said improvements, or any of them, disclosed in said applications;

Agree that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this Assignment we will, for all countries, execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known to us relating to said improvements and the history thereof; testify in all legal proceedings; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said improvements, and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives;

Covenant with said Assignee, its successors, assigns and legal representatives that we have made to others no assignment, grant, mortgage, license or other agreement affecting the rights and property conveyed, and that we have full right to convey the same as herein expressed.

EXECUTED Nov 21 2018

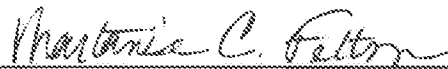


(SEAL)

PRASHANT N. KUMTA

Commonwealth of Pennsylvania)
) SS:
 County of Allegheny)

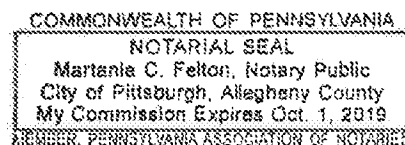
Before me this 21 day of NOVEMBER, 2018, personally appeared, PRASHANT N. KUMTA, to me personally known to be the person who is described in and who executed the above instrument, and he she acknowledged to me that he she executed the same of his her own free will for the purposes therein set forth.



Notary Public For PENNSYLVANIA

My commission expires: 10/1/2019

[SEAL]



EXECUTED JUNE 24th 2019

Bharat Gattu (SEAL)
BHARAT GATTU

Commonwealth of Pennsylvania)
) SS:
 County of Allegheny)

Before me this 24th day of JUNE, 2019, personally appeared,
BHARAT GATTU, to me personally known to be the person who is described in and who
 executed the above instrument, and he she acknowledged to me that he she executed the same of
his her own free will for the purposes therein set forth.

Martania C. Felton

Notary Public For PENNSYLVANIA

My commission expires: 10/1/2019

[SEAL]

COMMONWEALTH OF PENNSYLVANIA
 NOTARIAL SEAL
 Martania C. Felton, Notary Public
 City of Pittsburgh, Allegheny County
 My Commission Expires Oct. 1, 2019
 MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

EXECUTED 11/21/2018 2018*[Signature]*
MONI KANCHAN DATTA

(SEAL)

Commonwealth of Pennsylvania)
) SS:
County of Allegheny)

Before me this 21 day of NOVEMBER, 2018, personally appeared,
MONI KANCHAN DATTA, to me personally known to be the person who is described in and
who executed the above instrument, and he/she acknowledged to me that he/she executed the same
of his/her own free will for the purposes therein set forth.

Martania C. Felton
Notary Public For PENNSYLVANIAMy commission expires: 10/1/2019

[SEAL]

COMMONWEALTH OF PENNSYLVANIA
NOTARIAL SEAL
Martania C. Felton, Notary Public
City of Pittsburgh, Allegheny County
My Commission Expires Oct. 1, 2019
MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

EXECUTED

11/21/2018

2018

OLEG VELIKOKHATNYI

(SEAL)

Commonwealth of Pennsylvania)

) SS:

County of Allegheny)

Before me this 21 day of NOVEMBER, 2018, personally appeared, **OLEG VELIKOKHATNYI**, to me personally known to be the person who is described in and who executed the above instrument, and he/she acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Martania C. FeltonNotary Public For PENNSYLVANIAMy commission expires: 10/1/2019

[SEAL]

COMMONWEALTH OF PENNSYLVANIA
 NOTARIAL SEAL
 Martania C. Felton, Notary Public
 City of Pittsburgh, Allegheny County
 My Commission Expires Oct. 1, 2019
 MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

EXECUTED November, 21, 2018M. Shanthi

PAVITHRA MURUGAVEL SHANTHI

(SEAL)

Commonwealth of Pennsylvania)
) SS:
County of Allegheny)

Before me this 21 day of NOVEMBER, 2018, personally appeared,
PAVITHRA MURUGAVEL SHANTHI, to me personally known to be the person who is
described in and who executed the above instrument, and he/she acknowledged to me that he/she
executed the same of his/her own free will for the purposes therein set forth.

Martania C. FeltonNotary Public For PENNSYLVANIAMy commission expires: 10/1/2019

[SEAL]

COMMONWEALTH OF PENNSYLVANIA
 NOTARIAL SEAL
 Martania C. Felton, Notary Public
 City of Pittsburgh, Allegheny County
 My Commission Expires Oct. 1, 2019
 MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

EXECUTED _____ 2019

J. H

(SEAL)

PRASHANTH JAMPANI HANUMANTHA

Commonwealth of Pennsylvania)

) SS:

County of Allegheny)

Before me this _____ day of _____, 2019, personally appeared, PRASHANTH JAMPANI HANUMANTHA, to me personally known to be the person who is described in and who executed the above instrument, and he/she acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

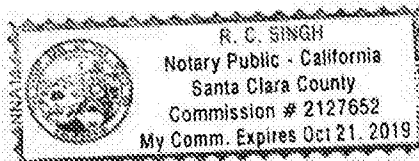
Notary Public For

My commission expires:

[SEAL]

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California, County of Santa Clara (s. On 10/21/2019 before me R.C. Singh,
Notary Public, personally appeared PRASHANTH JAMPANI HANUMANTHA
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to
the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized
capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of
which the person(s) acted, executed the instrument. I certify, under PENALTY OF PERJURY under the laws of the
State of California that the foregoing paragraph is true and correct. WITNESS my hand and official seal.



[Handwritten signature]