PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT7540559

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
VILAS GANPAT POL	09/07/2022
PATRICK JH KIM	09/09/2022

RECEIVING PARTY DATA

Name:	PURDUE RESEARCH FOUNDATION	
Street Address:	101 FOUNDRY DRIVE	
Internal Address:	SUITE 2500	
City:	WEST LAFAYETTE	
State/Country:	INDIANA	
Postal Code:	47906	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16820235

CORRESPONDENCE DATA

Fax Number: (219)464-1166

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.

Phone: (219) 462-4999

Email: cpisarski@hartmanglobal-ip.com DOMENICA N.S. HARTMAN **Correspondent Name:** Address Line 1: HARTMAN GLOBAL IP LAW

Address Line 2: 2621 CHICAGO STREET, SUITE A VALPARAISO, INDIANA 46383 Address Line 4:

ATTORNEY DOCKET NUMBER:	C0-5804
NAME OF SUBMITTER:	DOMENICA N.S. HARTMAN
SIGNATURE:	/Domenica N.S. Hartman/
DATE SIGNED:	09/15/2022

Total Attachments: 6

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> **PATENT** REEL: 061109 FRAME: 0231 507493669

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> PATENT REEL: 061109 FRAME: 0232

ASSIGNMENT

WHEREAS, WE,

Name

Inventor #1: Vilas Ganpat Pol Inventor #2: Patrick JH Kim

(hereinafter "ASSIGNORs"). Have made or developed a technology identified in a disclosure to Purdue Research Foundation (PRF) and assigned:

generally known as:

PRF reference number: 68477-02

SEPARATORS FOR ELECTROCHEMICAL CELLS AND METHODS OF MAKING THE SAME

which is further described in a patent application filed in the United States Patent and Trademark Office on March 16, 2020 and accorded Application No. 16/820,235 ("Technology"); and claiming priority to US. Provisional Patent Application No. 62/819,153 filed March 15, 2019 ("Technology); and

WHEREAS, Purdue Research Foundation, a statutory body corporate formed and existing under Indiana Foundation or Holding Companies Act of 1921, having a place of business at 101 Foundry Drive, West Lafayette, IN 47906 (hereinafter "ASSIGNEE"), is desirous of accepting and assuming all such right, title, and interest of the ASSIGNOR.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, the ASSIGNOR(s) do hereby sell, transfer, convey, assign and deliver into the ASSIGNEE, its successors, assigns and legal representatives, and all intellectual property rights, whether domestic or foreign related to the Technology, including but not limited to: all portions, and works in progress with respect thereto and all inventions, works of authorship, masks works,

PATENT REEL: 061109 FRAME: 0233 technology, information, know-how, materials and tools relating thereto or to the development, support or maintenance thereof; all copyright, patent rights including the right to claim priority to and from said patents and patent applications, trade secret rights, trademark rights, mask works rights, and all other intellectual property rights and all business, contract rights and goodwill in, incorporated or embodied in, used to develop, or related to any of the foregoing and any registrations and applications for registrations of the foregoing throughout the United States of America and the world and any and all other applications arising therefrom, including any and all divisional applications, continuation applications, and continuation-in part applications (but only and solely to the extent such continuation-in part applications are described in the priority application to which such continuation-in part applications claim priority and such priority is not denied), of the Technology, and any and all patents to be issues and obtained therefor and thereon, in the United States and throughout the world, including all reissued Patents, and extensions thereof (collectively, the "Intellectual Property");

AND WE HEREBY agree to communicate to ASSIGNEE or its representative any facts known regarding the Technology whether or not patentable, which we may conceive, develop, make, produce or reduce to practice in whole or in part as a result of any employment, research, or activity involving or relating to the use of Purdue University resources; and agree to sign all lawful documents and make all rightful oaths and declarations relating to said Technology and Intellectual Property; authorize ASSIGNEE to insert herein application number and date of application, and agree to otherwise aid ASSIGNEE as necessary and desirable to:

Obtain, enforce, and maintain issued letters patent in the United States or throughout world, when reasonably requested to do so by ASSIGNEE such written documents and instruments as ASSIGNEE requests and giving testimony in support of ASSIGNEE's ownership, as may be necessary in ASSIGNEE's opinion to obtain and maintain patents in the United States of America and throughout the world.

Secure or aid in securing and maintain copyright protection in the Intellectual Property and assist ASSIGNEE or its nominees in filing applications to register copyright in the name of ASSIGNEE as owner in such Intellectual Property; and

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PRF Ref # 68477-02

Execute, acknowledge, and deliver to ASSIGNEE at its expense, such written documents and

instruments and do such other acts as may be necessary in the opinion of ASSIGNEE, to vest the

entire rights, title, and interests in and to the Intellectual Property to ASSIGNEE and to confirm

the complete ownership thereof by ASSIGNEE.

AND WE HEREBY authorize ASSIGNEE to take any and all action necessary to

effectuate this Assignment, including but not limited to, the filing of the Assignment with the

U.S Patent and Trademark Office and U.S. Copyright Office.

AND WE HEREBY authorize and request the Director of the U.S Patent and Trademark

Office or any other proper officer or agency throughout the world to issue any and all said letters

patent to ASSIGNEE.

AND WE HEREBY warrant and covenant that we have full right to convey the entire

right, title and interest herein assigned and that we have not executed and will not execute any

instrument or assignment in conflict herewith;

This Assignment shall be upon the ASSIGNOR(s) and their heirs, successors, and

assigns. Should any term of this Assignment be found invalid or unenforceable, it shall not affect

the validity or enforceability of any other term of this Assignment, without regard to the place of

making or the place of performance.

This Assignment is hereby made effective as of the conception date of the Technology.

[SIGNATURES ON NEXT PAGE]

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PATENT

REEL: 061109 FRAME: 0235

ACCEPTED BY ASSIGNOR: 9/7/2022	DocuSigned by: Vlas 4 Pol 61E0B98BA275492
Date	Vilas G. Pol
	Residence Address:
	3109 Courthouse Drive East
	Address
	West Lafayette, Indiana 47906
	City, State and Zip
	United States
	Citizenship

ACCEPTED BY ASSIGNOR:	
09/09/2022	Patrick Kim
Date	Patrick JH Kim
	Residence Address:
	3007 Courthouse Dr., W. Apt. 2D
	Address
	West Lafayette, Indiana 47906
	City, State and Zip
	United States
	Citizenship

ACCEPTED BY ASSIGNEE:

Sept. 9, 2022 By: Al Was

Date Printed: Kenneth Waite

Title: Chief Patent Counsel

Office of Technology Commercialization

Purdue Research Foundation