#### 506959934 11/04/2021

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
SANGWOO LEE	04/28/2021
MUSASHI J. BRIEM	04/28/2021
SUNGMIN PARK	04/29/2021

### **RECEIVING PARTY DATA**

Name:	RENSSELAER POLYTECHNIC INSTITUTE	
Street Address:	110 8TH STREET, J BUILDING	
City:	TROY	
State/Country:	NEW YORK	
Postal Code:	12180	

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	17287639

### CORRESPONDENCE DATA

Fax Number: (203)772-7723

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: 203-772-7700

Email: lblair@murthalaw.com

MURTHA CULLINA LLP ATTN: PATENT DOCKET **Correspondent Name:** 

Address Line 1: ONE CENTURY TOWER Address Line 2: 265 CHURCH STREET

Address Line 4: NEW HAVEN, CONNECTICUT 06510

ATTORNEY DOCKET NUMBER:	104211-202
NAME OF SUBMITTER:	ROBERT J. KASTEN
SIGNATURE:	/Robert J. Kasten/
DATE SIGNED:	11/04/2021

### **Total Attachments: 9**

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> **PATENT** 506959934

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1 of 3

# <u>ASSIGNMENT</u>

WHEREAS, We, Sangwoo Lee, residing at 9 N. Point Drive, Cohoes, NY 12047, Chulsung Bae, residing at 24 Hunters Run Boulevard, Cohoes, NY 12047, Musashi J. Briem, residing at 2309 17<sup>th</sup> Street, 1R, Troy, NY 12180, and Sungmin Park, residing at 164 4<sup>th</sup> Street, Floor 2, Troy, NY 12180, have invented certain new and useful improvements in ALKALINE ANION EXCHANGE MEMBRANES DERIVED FROM DIPHENYLETHYLENE AND CO-MONOMER FEEDSTOCK ("the Invention") for which we:

have executed or authorized the execution of an application for Letters Patent of the United States of even date herewith;

have filed or authorized the filing of an application for Letters Patent of the United States on April 22, 2021 under Serial No. 17/287,639; and

WHEREAS, The above-identified application was made or authorized to be made by us. We believe that we are the original inventor or an original joint inventor of a claimed invention in the application and hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both;

WHEREAS, Rensselaer Polytechnic Institute, organized under the laws of the State of New York, having its principal place of business at 110 8<sup>th</sup> Street, J Building, Troy, NY 12180, is desirous of obtaining the entire right, title, and interest in, to and under the said improvements and the said application;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said Rensselaer Polytechnic

2 of 3

Institute, its successors, legal representatives, and assigns the entire right, title, and interest in, to

and under the said Invention entitled ALKALINE ANION EXCHANGE MEMBRANES

DERIVED FROM DIPHENYLETHYLENE AND CO-MONOMER FEEDSTOCK and any

and all improvements thereto, and in and to the said application and any division, continuation,

continuation-in-part thereof or renewal thereof, and in and to any and all Letters Patent of the

United States which may be issued on any said applications thereon, claim priority therefrom,

and any and all reissues, re-exams and extensions thereof, and in and to any and all applications

for Letters Patent filed in any country or countries foreign to the United States for the said

Invention or improvements, including all priority rights, and any and all Letters Patent which

may be granted in any country or countries foreign to the United States therefor, and in and to

any other applications based in whole or in part on any of the foregoing; and we hereby

authorize and request the Commissioner of Patents of the United States and any Official of any

country or countries foreign to the United States, whose duty it is to issue patents on

applications as aforesaid, to issue all Letters Patent for said improvement to the said Rensselaer

Polytechnic Institute, its successors, legal representatives and assigns, in accordance with the

terms of this instrument.

AND WE HEREBY represent, warrant and covenant that we have the full right and

power to make this assignment and that the rights, titles, and interests assigned are not

encumbered by any agent, license, or right heretofore given and that we have not executed, and

will not execute, any agreement in conflict herewith.

AND WE HEREBY further represent, warrant, covenant and agree that we will

communicate to said Rensselaer Polytechnic Institute, its successors, legal representatives and

assigns, any facts known to us respecting the said Invention and any and all improvements

thereto, and testify in any legal proceeding, sign all lawful papers, execute all divisional,

continuing and reissue applications, make all rightful oaths, and generally do everything

possible to aid said Rensselaer Polytechnic Institute, its successors, legal representatives and

assigns to obtain and enforce proper patent protection for said improvements in all countries.

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Docket No.: 104211-202 3 of 3

IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our signatures.

Date:	April 28, 2021	Sangwoo Lee Institute, ou=Chemical and Biological Edition, on=Chemical and Biological Edition, on=Chemical and Biological Edition, on=Chemical and Biological Edition, on=Chemical and Biological Date: 2021.04.28 16:18:18-04'00'
		Sangwoo Lee
Date: _		
		Chulsung Bae
Date: _		<del></del>
		Musashi J. Briem
Date: _		
		Sungmin Park

1 of 3

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PATENT

REEL: 058018 FRAME: 0499

2 of 3

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11445018v1

Docket No.: 104211-202 3 of 3

IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our signatures.

Date:	
	Sangwoo Lee
Date:	
	Chulsung Bae
Date: 4/28/21	Musash J Brian
	Musashi J. Briem
Date:	
	Sungmin Park

1 of 3

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Invention or improvements, including all priority rights, and any and all Letters Patent which

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assigns to obtain and enforce proper patent protection for said improvements in all countries.

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3 of 3

IN TESTIMONY	WHEREOF,	We hereunto	set our har	nds and	seals the day	and year set
opposite our signatures.						

Date:	
	Sangwoo Lee
Date:	Chulsung Bae
Date:	
	Musashi J. Briem
Date: <u>April 27 2021</u>	Power 5.
	Sungmin Park

1144501891

**PATENT REEL: 058018 FRAME: 0504** 

**RECORDED: 11/04/2021**