

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT6910689

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LIANG WANG	08/31/2021
HONGFEI JIA	08/31/2021
JOAN F. BRENNECKE	08/31/2021
OSCAR MORALES COLLAZO	08/31/2021
HISAO KATO	09/01/2021

RECEIVING PARTY DATA

Name:	TOYOTA MOTOR ENGINEERING AND MANUFACTURING NORTH AMERICA, INC.
Street Address:	6565 HEADQUARTERS DRIVE, W1-3C
City:	PLANO
State/Country:	TEXAS
Postal Code:	75024
Name:	UNIVERSITY OF TEXAS AUSTIN
Street Address:	3925 WEST BRAKER LN, BLDG 156
Internal Address:	SUITE 3.11120, MC 19300
City:	AUSTIN
State/Country:	TEXAS
Postal Code:	78759

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17466757

CORRESPONDENCE DATA

Fax Number: (202)683-6783

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: 2026839317

Email: nceron@jordaniplaw.com

Correspondent Name: JORDAN IP LAW, LLC

Address Line 1: 12501 PROSPERITY DR., STE 401

Address Line 4: SILVER SPRING, MARYLAND 20905

PATENT

ATTORNEY DOCKET NUMBER:	IP-A-5278/8010-6358
NAME OF SUBMITTER:	DIALLO T. CRENSHAW
SIGNATURE:	/ Diallo T. Crenshaw 52,778 /
DATE SIGNED:	09/10/2021

Total Attachments: 10

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ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned inventor(s):

Liang Wang, Hongfei Jia, Joan F. Brennecke, Oscar Morales Collazo, Hisao Kato

hereby sell, assign, and transfer to:

**(1) Toyota Motor Engineering & Manufacturing North America, Inc. of
6565 Headquarters Drive, Plano, Texas, 75024; and**

**(2) The University of Texas at Austin of, 3925 West Braker Lane, Bldg 156,
Suite 3.11120, MC 19300, Austin, Texas, 78759**

("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all other countries, in and to any and all inventions and improvements that are disclosed in the application for the patent entitled:

**IONIC LIQUID TO ENHANCE PERFORMANCE AND DURABILITY OF MEMBRANE
ASSEMBLY ELECTRODE (MEA)**

(I hereby authorize and request any attorney having appropriate authority from the assignee to insert on the designated lines below, the filing date and application number of said application when known.)

which was filed on 88

..... Application Number and
COUNTRY or International Office


which has been executed by the undersigned prior hereto or concurrently herewith on the date(s) indicated below,

and in and to said application and all Additional Applications, and all other patent applications that have been or shall be filed in the United States and all other countries and international filing offices on any of said inventions and improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all other countries and international filing offices on said inventions and improvements; and in and to all rights of priority resulting from the filing of said applications; as used herein "Additional Applications" includes but is not limited to design, utility, utility model, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and national phase applications on said inventions and improvements;

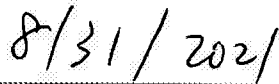
and agree that said Assignee may apply for and receive a patent or patents for said inventions and improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute

all Additional Applications, and all other patent applications on any and all said inventions and improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and legal representatives all facts known to the undersigned relating to said inventions and improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or legal representatives in securing and maintaining proper patent protection for said inventions and improvements and for vesting title to said inventions and improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.



Liang Wang



Date signed

Hongfei Jia

Date signed

Joan F. Brennecke

Date signed

Oscar Morales Collazo

Date signed

Hisao Kato

Date signed

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_____ Liang Wang	_____ Date signed
_____ <i>Hongfei Jia</i> Hongfei Jia	_____ 08/31/2021 Date signed
_____ Joan F. Brennecke	_____ Date signed
_____ Oscar Morales Collazo	_____ Date signed
_____ Hisao Kato	_____ Date signed

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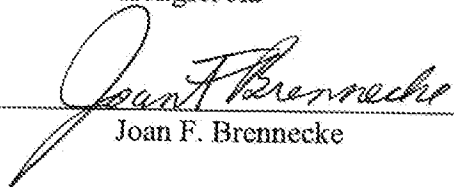
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Liang Wang

Date signed

Hongfei Jia

Date signed



Joan F. Brennecke

8/31/01

Date signed

Oscar Morales Collazo

Date signed

Hisao Kato

Date signed

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_____ Liang Wang	_____ Date signed
_____ Hongfei Jia	_____ Date signed
_____ Joan F. Brennecke	_____ Date signed
 _____ Oscar Morales Collazo	_____ August 31, 2021 _____ Date signed
_____ Hisao Kato	_____ Date signed

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**PROTONATED DIMERIC IONIC LIQUID TO ENHANCE PERFORMANCE OF
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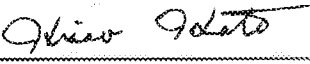
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_____ Hongfei Jia	_____ Date signed
_____ Joan F. Brennecke	_____ Date signed
_____ Oscar Morales Collazo	_____ Date signed
 _____ Hisao Kato	9/1/2021 _____ Date signed