

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6392456

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the WRONG EXECUTION DATE 04/07/2019 OF PHILIPPE VEREECKEN AND THE WRONG EXECUTION DATE 03/07/2019 OF MAARTEN MEES previously recorded on Reel 054276 Frame 0836. Assignor(s) hereby confirms the CORRECT EXECUTION DATE OF PHILIPPE VEREECKEN IS 07/04/2019 AND THE CORRECT EXECUTION DATE OF MAARTEN MEES IS 07/03/2019.

CONVEYING PARTY DATA

Name	Execution Date
XUBIN CHEN	07/09/2019
PHILIPPE VEREECKEN	07/04/2019
MAARTEN MEES	07/03/2019
KNUT BJARNE GANDRUD	07/05/2019
MITSUHIRO MURATA	06/19/2019
AKIHIKO SAGARA	06/24/2019
YUKIHIRO KANEKO	06/20/2019
MORIO TOMIYAMA	06/19/2019
MIKINARI SHIMADA	06/19/2019

RECEIVING PARTY DATA

Name:	IMEC VZW
Street Address:	KAPELDREEF 75
City:	LEUVEN
State/Country:	BELGIUM
Postal Code:	3001
Name:	KATHOLIEKE UNIVERSITEIT LEUVEN
Street Address:	KU LEUVEN R&D, WAAISTRAAT 6, BOX 5105
City:	LEUVEN
State/Country:	BELGIUM
Postal Code:	3000
Name:	PANASONIC CORPORATION
Street Address:	1006, OAZA KADOMA, KADOMA-SHI
City:	OSAKA
State/Country:	JAPAN
Postal Code:	571-8501

PROPERTY NUMBERS Total: 1

PATENT

Property Type	Number
Application Number:	16481782

CORRESPONDENCE DATA

Fax Number:
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.

Email: epas.pkp@ml.jp.panasonic.com

Correspondent Name: PASONA KNOWLEDGE PARTNER INC.

Address Line 1: 8F OBP PANASONIC TOWER

Address Line 2: 1-61, SHIROMI 2-CHOME, CHUO-KU

Address Line 4: OSAKA, JAPAN 540-6208

ATTORNEY DOCKET NUMBER:	P1010180US01_CORRECTION
NAME OF SUBMITTER:	ASAMI KATO
SIGNATURE:	/Asami KATO/
DATE SIGNED:	11/10/2020

Total Attachments: 8

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Panasonic Ref*: P1010180US01

Application Serial No. _____

Japan Firm Name: Seiran International Patent FirmJapan Firm Ref: FMT18009USUS Firm Name*: MWE

US Firm Ref: _____

(* must be filled)

ASSIGNMENT

WHEREAS, the undersigned has (have) invented the invention entitled:

Box 1		
Title of Invention: SOLID ELECTROLYTE, ELECTRODE, ELECTRIC POWER STORAGE ELEMENT, AND METHOD FOR MANUFACTURING SOLID ELECTROLYTE		
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its/their heirs, successors, legal representatives and assigns (hereinafter designated as "Assignee(s)") is/are desirous of acquiring the entire right, title, and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged and intended to be legally bound hereby, the undersigned, by these presents, does sell, assign and transfer unto said Assignee(s) the entire and exclusive right, title and interest in and to: (i) said invention in the United States of America, its territories, dependencies and possessions (hereinafter designated as the United States) and in all countries foreign to the United States; and (ii) this patent application and any and all related patent application(s) disclosing said invention, including provisionals, non-provisionals, conversions, divisions, continuations, continuations-in-part and reissues thereof in the United States and all countries foreign to the United States (hereinafter designated as "Related Applications"), along with all rights of priority created by this patent application under any treaty relating thereto; and (iii) any and all Letters Patent(s), including all renewals, extensions, reissues and reexamination certificates which may be granted therefore, and all rights to sue for past and future infringement thereunder, in the United States and in all countries foreign to the United States for the full term or terms thereof.

The undersigned agree(s) to execute all papers necessary in connection with this application and any and all Related Applications thereof, all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements, all papers necessary in connection with any interference which may be declared concerning this application or any and all Related Applications thereof and to cooperate with the Assignee(s) in every way possible in obtaining and producing evidence and proceeding with such interference, and for any and all litigations regarding, or for the purpose of protecting the right, title and interest in and to said invention, this application and any and all Related Applications or Letters Patent(s) therefore, and to testify in any legal proceeding relating thereto and in support thereof, for the benefit of Assignee(s), and also to execute separate assignments in connection with such applications as the Assignee(s) may deem necessary or expedient.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States and any foreign patent(s) to the Assignee(s) and to vest all rights hereby conveyed to the Assignee(s) as fully and entirely as the same would have been held by the undersigned if this Assignment had not been made.

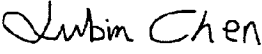
The undersigned hereby authorize(s) and request(s) the Commissioner of Patents, and officials of all foreign countries, whose duty is to issue patents, to issue any and all Letters Patent(s) resulting from said application or any and all Related Applications thereof to said Assignee(s) and hereby covenants that the undersigned has (have) full right to convey the entire interest herein assigned, and that the undersigned has (have) not executed, and will not execute, any assignment, sale, agreement or encumbrances in conflict herewith.

The undersigned hereby does sell, assign and transfer unto said Assignee(s) the full and exclusive authority for revoking power of attorney(s) executed by the undersigned in connection with this application and for appointing a new power of attorney in place thereof. The undersigned hereby grant(s) the Assignee(s) and the appointed U.S. patent attorneys and agents the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent Office for recordation of this document.

The undersigned hereby agree(s) that the above obligations shall apply to the undersigned both individually and collectively.

The undersigned hereby agree(s) that this Assignment shall be construed in accordance with the law of the appropriate jurisdiction within the United States.

IN WITNESS WHEREOF, executed by the undersigned on the date(s) following the undersigned name(s) and signature(s).

Box2 (Each Inventor, please Sign and Date below)			
	(e) First Name, Last Name	(f) Signature	(g) Date signed Month, Date, Year
(1)	Xubin CHEN		07.09.2019
(2)	Philippe VEREECKEN		Month, Date, Year
(3)	Maarten MEES		Month, Date, Year
(4)	Knut Bjarne GANDRUD		Month, Date, Year

☒ Check if additional paper(s) is/are attached. Total of 2 page(s) is/are submitted.

ASSIGNMENT (Cont.)**Additional Inventors:**

Box2 (Continued)			
	(e) First Name, Last Name	(f) Signature	(g) Date signed <i>Month. Date. Year</i>
(5)	Mitsuhiro MURATA		<i>Month. Date. Year</i>
(6)	Akihiko SAGARA		<i>Month. Date. Year</i>
(7)	Yukihiro KANEKO		<i>Month. Date. Year</i>
(8)	Morio TOMIYAMA		<i>Month. Date. Year</i>
(9)	Mikinari SHIMADA		<i>Month. Date. Year</i>
(10)			<i>Month. Date. Year</i>
(11)			<i>Month. Date. Year</i>
(12)			<i>Month. Date. Year</i>
(13)			<i>Month. Date. Year</i>
(14)			<i>Month. Date. Year</i>
(15)			<i>Month. Date. Year</i>
(16)			<i>Month. Date. Year</i>
(17)			<i>Month. Date. Year</i>
(18)			<i>Month. Date. Year</i>
(19)			<i>Month. Date. Year</i>
(20)			<i>Month. Date. Year</i>
(21)			<i>Month. Date. Year</i>
(22)			<i>Month. Date. Year</i>

☐ Check if additional paper(s) is/are attached. Total of 2 pages are submitted.

Panasonic Ref*: P1010180US01
 Japan Firm Name: Seiran International Patent Firm
 US Firm Name*: MWE
 (* must be filled)

Application Serial No. _____
 Japan Firm Ref: FMT18009US
 US Firm Ref: _____

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(c) <input checked="" type="checkbox"/> for which an International Application has been filed as: <small>(for the PCT-US national entry, check only (c) and enter PCT application number in the right)</small>	PCT Application No.	PCT/JP2018/040578 and,
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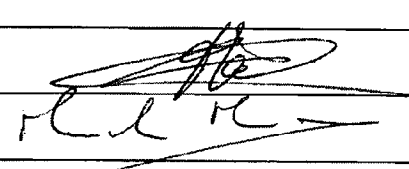
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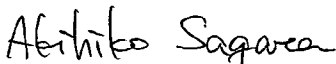
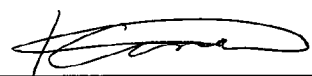
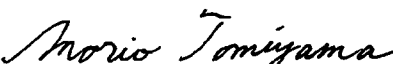
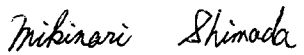
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	(e) First Name, Last Name	(f) Signature	(g) Date signed <small>Month, Date, Year</small>
(1)	Xubin CHEN		
(2)	Philippe VERECKEN		<small>Month, Date, Year</small> 04/07/2019
(3)	Maarten MEES		<small>Month, Date, Year</small> 03/07/2019
(4)	Knut Bjarne GANDRUD		<small>Month, Date, Year</small>

☒ Check if additional paper(s) is/are attached. Total of 2 page(s) is/are submitted.

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	(e) First Name, Last Name	(f) Signature	(g) Date signed <small>Month, Date, Year</small>
(5)	Mitsuhiro MURATA		June, 19, 2019
(6)	Akihiko SAGARA		June, 24, 2019
(7)	Yukihiro KANEKO		June 30, 2019
(8)	Morio TOMIYAMA		June, 19, 2019
(9)	Mikinari SHIMADA		June, 19, 2019
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Panasonic Ref*: **P1010180US01**

Application Serial No. _____

Japan Firm Name: **Seiran International Patent Firm**Japan Firm Ref: **FMT18009US**US Firm Name*: **MWE**
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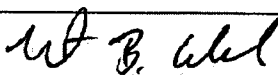
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(3)	Maarten MEES		
(4)	Knut Bjarne GANDRUD		07,05,2019

■ Check if additional paper(s) is/are attached. Total of 2 page(s) is/are submitted.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

NOVEMBER 5, 2020

PTAS

PASONA KNOWLEDGE PARTNER INC.
8F OBP PANASONIC TOWER
1-61, SHIROMI 2-CHOME, CHUO-KU
OSAKA, 540-6208 JAPAN

506338911

UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT RECORDATION BRANCH OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE ASSIGNMENT RECORDATION BRANCH AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT RECORDATION BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 11/04/2020

REEL/FRAME: 054276/0836
NUMBER OF PAGES: 7

BRIEF: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER: P1010180US01

ASSIGNOR:

CHEN, XUBIN

DOC DATE: 07/09/2019

ASSIGNOR:

VEREECKEN, PHILIPPE

DOC DATE: ~~04/07/2019~~
07/04/2019

ASSIGNOR:

MEES, MAARTEN

DOC DATE: ~~03/07/2019~~
07/03/2019

ASSIGNOR:

GANDRUD, KNUT BJARNE

DOC DATE: 07/05/2019

ASSIGNOR:

MURATA, MITSUHIRO

DOC DATE: 06/19/2019

ASSIGNOR:

SAGARA, AKIHIKO

DOC DATE: 06/24/2019

ASSIGNOR:

KANEKO, YUKIHIRO

DOC DATE: 06/20/2019

ASSIGNOR:
TOMIYAMA, MORIO

DOC DATE: 06/19/2019

ASSIGNOR:
SHIMADA, MIKINARI

DOC DATE: 06/19/2019

ASSIGNEE:
IMEC VZW
KAPELDREEF 75
LEUVEN, BELGIUM 3001

ASSIGNEE:
KATHOLIEKE UNIVERSITEIT LEUVEN
KU LEUVEN R&D, WAAISTRAAT 6, BOX
5105
LEUVEN, BELGIUM 3000

ASSIGNEE:
PANASONIC CORPORATION
1006, OAZA KADOMA, KADOMA-SHI
OSAKA, JAPAN 571-8501

APPLICATION NUMBER: 16481782

FILING DATE: 07/29/2019

PATENT NUMBER:

ISSUE DATE:

TITLE: SOLID ELECTROLYTE, ELECTRODE, POWER STORAGE DEVICE, AND METHOD
FOR PRODUCING SOLID ELECTROLYTES

ASSIGNMENT RECORDATION BRANCH
PUBLIC RECORDS DIVISION

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6385664

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
XUBIN CHEN	07/09/2019
PHILIPPE VEREECKEN	04/07/2019 07/04/2019
MAARTEN MEES	03/07/2019 07/03/2019
KNUT BJARNE GANDRUD	07/05/2019
MITSUHIRO MURATA	06/19/2019
AKIHIKO SAGARA	06/24/2019
YUKIHIRO KANEKO	06/20/2019
MORIO TOMIYAMA	06/19/2019
MIKINARI SHIMADA	06/19/2019
RECEIVING PARTY DATA	
Name:	IMEC VZW
Street Address:	KAPELDREEF 75
City:	LEUVEN
State/Country:	BELGIUM
Postal Code:	3001
Name:	KATHOLIEKE UNIVERSITEIT LEUVEN
Street Address:	KU LEUVEN R&D, WAAISTRAAT 6, BOX 5105
City:	LEUVEN
State/Country:	BELGIUM
Postal Code:	3000
Name:	PANASONIC CORPORATION
Street Address:	1006, OAZA KADOMA, KADOMA-SHI
City:	OSAKA
State/Country:	JAPAN
Postal Code:	571-8501
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16481782