

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT6987005

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RYO ISHIGURO	10/04/2021
SATORU NAKAMURA	09/28/2021
MIDORI TAKASAKI	09/30/2021
SOTARO NAMBU	10/20/2021

RECEIVING PARTY DATA

Name:	THE JAPAN STEEL WORKS, LTD.
Street Address:	11-1, OSAKI 1-CHOME
City:	SHINAGAWA-KU, TOKYO
State/Country:	JAPAN
Postal Code:	141-0032
Name:	NATIONAL UNIVERSITY CORPORATION KYOTO INSTITUTE OF TECHNOLOGY
Street Address:	1, MATSUGASAKI HASHIKAMI-CHO, SAKYO-KU
City:	KYOTO-SHI, KYOTO
State/Country:	JAMAICA
Postal Code:	606-8585

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17594650

CORRESPONDENCE DATA**Fax Number:** (202)921-7409***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:** 2029217400**Email:** mshapiro@SGPatents.com, docketing@SGPatents.com,
nmoretz@SGPatents.com**Correspondent Name:** MITCHELL W. SHAPIRO**Address Line 1:** 1701 PENNSYLVANIA AVENUE, NW**Address Line 2:** SUITE 200**Address Line 4:** WASHINGTON, D.C. 20006

ATTORNEY DOCKET NUMBER:	XA-13596
NAME OF SUBMITTER:	MITCHELL W. SHAPIRO REG. NO. 31,568
SIGNATURE:	/Mitchell W. Shapiro/
DATE SIGNED:	10/25/2021

Total Attachments: 9

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COMBINED DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN PATENT APPLICATION

DECLARATION

As a below-named inventor, I hereby declare that:

This Declaration is directed to:

the attached application,

OR

United States Application No. or PCT International Application No. PCT/JP2020/017501

filed on April 23, 2020, and was amended on _____,

for the invention entitled METHOD OF MANUFACTURING SOLID ELECTROLYTE
MEMBRANE, METHOD OF MANUFACTURING ALL-SOLID-STATE BATTERY, APPARATUS
FOR MANUFACTURING SOLID ELECTROLYTE MEMBRANE, AND APPARATUS FOR
MANUFACTURING ALL-SOLID-STATE BATTERY.

The above-identified application was made or authorized to be made by me.

I believe I am the original inventor or an original joint inventor of a claimed invention in the application.

I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I 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.

ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration, receipt and sufficiency of which are hereby acknowledged, paid to me by THE JAPAN STEEL WORKS, LTD. ("ASSIGNEE"), a corporation or other business entity duly organized under the laws of Japan, whose postal address is 11-1, Osaki 1-chome, Shinagawa-ku, Tokyo 141-0032, Japan, and NATIONAL UNIVERSITY CORPORATION KYOTO INSTITUTE OF TECHNOLOGY ("ASSIGNEE"), a corporation or other business entity duly organized under the laws of Japan, whose postal address is 1, Matsugasaki Hashikami-cho, Sakyo-ku, Kyoto-shi, Kyoto 606-8585, Japan.

I do hereby sell, assign, and transfer to ASSIGNEE, its successors, legal representatives, and assigns, all my right, title and interest, in the United States of America, in and to the above-entitled invention and the above-identified application, all applications claiming the benefit of

PATENT

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the above-identified application, including but not limited to all divisions and continuations, all United States Letters Patent which may be granted for the invention, and any reissues or extensions thereof, to be held and enjoyed by ASSIGNEE, its successors, legal representatives, and assigns, to the full end of term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made;

AND I further covenant and agree that upon request by ASSIGNEE, its successors, legal representatives, and/or assigns, and without further consideration, I will do all lawful acts that may be necessary or desirable to assist ASSIGNEE, its successors, legal representatives, and/or assigns to obtain and enforce patent protection for the invention in the United States of America, including, but not limited to, communicate with ASSIGNEE, its successors, legal representatives, and/or assigns any facts known to me regarding the invention, testify in any legal proceeding, sign all lawful papers, execute and deliver all papers that may be necessary or desirable to perfect the title to the invention in ASSIGNEE, its successors, legal representatives, and/or assigns, execute all divisional, continuation, and reissue applications, and make all rightful oaths, it being understood that any expense incident to the rendering of such assistance will be borne by ASSIGNEE, its successors, legal representatives, and/or assigns;

And I do hereby authorize and request the Director of the United States Patent and Trademark Office to issue all Letters Patent for the invention to ASSIGNEE, its successors, legal representatives, and assigns in accordance with the terms of this Assignment.

(1) Full name of sole or first inventor: Ryo ISHIGURO

Date: 10 / 4 / 2021 Signature: Ryo ISHIGURO

Citizenship: Japan Residence: Tokyo, Japan

Post Office Address: c/o THE JAPAN STEEL WORKS, LTD., 11-1, Osaki 1-chome,
Shinagawa-ku, Tokyo 141-0032, Japan

(2) Full name of second joint inventor: Satoru NAKAMURA

Date: _____ Signature: _____

Citizenship: Japan Residence: Tokyo, Japan

Post Office Address: c/o THE JAPAN STEEL WORKS, LTD., 11-1, Osaki 1-chome,
Shinagawa-ku, Tokyo 141-0032, Japan

(3) Full name of third joint inventor: Midori TAKASAKI

Date: _____ Signature: _____

Citizenship: Japan Residence: Kyoto, Japan

Post Office Address: c/o NATIONAL UNIVERSITY CORPORATION KYOTO INSTITUTE
OF TECHNOLOGY, 1, Matsugasaki Hashikami-cho, Sakyo-ku, Kyoto-shi, Kyoto 606-8585,
Japan



(4) Full name of fourth joint inventor: Sotaro NAMBU

Date: _____ Signature: _____

Citizenship: Japan Residence: Kyoto, Japan

Post Office Address: c/o NATIONAL UNIVERSITY CORPORATION KYOTO INSTITUTE
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the above-identified application, including but not limited to all divisions and continuations, all United States Letters Patent which may be granted for the invention, and any reissues or extensions thereof, to be held and enjoyed by ASSIGNEE, its successors, legal representatives, and assigns, to the full end of term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made;

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Shinagawa-ku, Tokyo 141-0032, Japan

(2) Full name of second joint inventor: Satoru NAKAMURA

Date: September 28, 2021 Signature: Satoru Nakamura

Citizenship: Japan Residence: Tokyo, Japan

Post Office Address: c/o THE JAPAN STEEL WORKS, LTD., 11-1, Osaki 1-chome,
Shinagawa-ku, Tokyo 141-0032, Japan

(3) Full name of third joint inventor: Midori TAKASAKI

Date: _____ Signature: _____

Citizenship: Japan Residence: Kyoto, Japan

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(4) Full name of fourth joint inventor: Sotaro NAMBU

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Citizenship: Japan Residence: Kyoto, Japan

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Post Office Address: c/o THE JAPAN STEEL WORKS, LTD., 11-1, Osaki 1-chome,
Shinagawa-ku, Tokyo 141-0032, Japan

(3) Full name of third joint inventor: Midori TAKASAKI

Date: September 30, 2021 Signature: Midori Takasaki

Citizenship: Japan Residence: Kyoto, Japan

Post Office Address: c/o NATIONAL UNIVERSITY CORPORATION KYOTO INSTITUTE
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Japan



FOR APPLICATIONS FILED ON
OR AFTER SEPTEMBER 16, 2012

(4) Full name of fourth joint inventor: Sotaro NAMBU

Date: October 20th, 2021 Signature: Sotaro Nambu

Citizenship: Japan Residence: Kyoto, Japan

Post Office Address: c/o NATIONAL UNIVERSITY CORPORATION KYOTO INSTITUTE
OF TECHNOLOGY, 1, Matsugasaki Hashikami-cho, Sakyo-ku, Kyoto-shi, Kyoto 606-8585,
Japan