

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5994040

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
TOSHIKATSU ENJOJI	02/25/2020
TAKAHIRO MATSUMURA	02/25/2020
RYOUEI IWAHARA	02/25/2020
MASARU KOBAYASHI	02/25/2020
MASAKO TATSUTA	02/25/2020
YONGRONG DONG	02/25/2020
MASAYUKI OYA	02/25/2020
KENICHI ITOU	02/25/2020
YOSHIYASU KAWAGOE	02/25/2020
RECEIVING PARTY DATA	
Name:	TOYOBO CO., LTD.
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State/Country:	JAPAN
Postal Code:	530-8230
Name:	SUMITOMO ELECTRIC INDUSTRIES, LTD.
Street Address:	5-33, KITAHAMA 4-CHOME, CHUO-KU
City:	OSAKA-SHI, OSAKA
State/Country:	JAPAN
Postal Code:	541-0041
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16644033
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	P191284US00
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NAME OF SUBMITTER:	YOLIDIA A. PASOS
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SIGNATURE:	/YOLIDIA A. PASOS/
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DATE SIGNED:	03/03/2020
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	This document serves as an Oath/Declaration (37 CFR 1.63).
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Total Attachments: 4

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Combined Declaration and Assignment for Utility Patent and Design Patent Applications

DECLARATION

As a below named inventor, I hereby declare that:

I believe I am the original inventor or an original joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled

Insert Title:

**CARBON ELECTRODE MATERIAL FOR REDOX FLOW BATTERY, AND
MANUFACTURING METHOD THEREOF**

the application of which is attached hereto unless the following is checked

☐ was filed on _____ as United States Application Number _____ and was filed on August 29, 2018 as PCT International Application Number PCT/JP2018/032014 and was amended on _____ (if applicable).

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

I hereby acknowledge that any willful false statement made in this declaration is punishable under section 1001 of title 18 by fine or imprisonment of not more than 5 years, or both.

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the adequacy and receipt of which is hereby acknowledged by the undersigned inventor(s) (hereinafter ASSIGNOR) by

Insert Assignee(s)
Name/Address:

TOYOBO CO., LTD.
2-8, Dojima Hama 2-chome, Kita-ku, Osaka-shi, Osaka 5308230 Japan

(hereinafter

SUMITOMO ELECTRIC INDUSTRIES, LTD.
5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 5410041 Japan

ASSIGNEE), the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the above-identified application (e.g., provisional or non-provisional) and all Letters Patent of the United States to be obtained therefore on said application or any continuation, divisional, substitute, reissue, reexamination, supplemental examination, inter partes review, post grant review, or other procedures thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with the application and any continuation, divisional, reissue, reexamination, supplemental examination, inter partes review, post grant review, or other procedures thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, divisional, reissue or reexamination, supplemental examination, inter partes review, post grant review, or other procedures thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

The ASSIGNOR sells, assigns and transfers to said ASSIGNEE the entire and exclusive right, title and interest to the application(s) and the invention(s) disclosed therein for the United States of America and all countries foreign to the United States and do hereby authorize said ASSIGNEE to apply for patents therefore in its own name in countries where such procedure is proper and to claim the priority right under the International Convention and agrees to execute all papers

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necessary in connection with applications for such patents and any continuation, divisional, substitute, reissue or reexamination, supplemental examination, inter partes review, post grant review, or other procedures thereof and also execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

Hereby executed by the undersigned on the date opposite the undersigned name:

Legal Name of inventor ⇒	ENJOJI, Toshikatsu	Date: February 25, 2020
Inventor's Signature ⇒	<u>Toshikatsu Enjoji</u>	
Legal Name of inventor ⇒	MATSUMURA, Takahiro	Date: February 25, 2020
Inventor's Signature ⇒	<u>Takahiro Matsumura</u>	
Legal Name of inventor ⇒	IWAHARA, Ryouhei	Date: February 25, 2020
Inventor's Signature ⇒	<u>Ryouhei Iwahara</u>	
Legal Name of inventor ⇒	KOBAYASHI, Masaru	Date: February 25, 2020
Inventor's Signature ⇒	<u>Masaru Kobayashi</u>	
Legal Name of inventor ⇒	TATSUTA, Masako	Date: February 25, 2020
Inventor's Signature ⇒	<u>Masako Tatsuta</u>	
Legal Name of inventor ⇒	DONG, Yongrong	Date:
Inventor's Signature ⇒		
Legal Name of inventor ⇒	OYA, Masayuki	Date:
Inventor's Signature ⇒		

Docket No.:

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necessary in connection with applications for such patents and any continuation, divisional, substitute, reissue or reexamination, supplemental examination, inter partes review, post grant review, or other procedures thereof and also execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

Hereby executed by the undersigned on the date opposite the undersigned name:

Legal Name of inventor ⇨ ENJOI, Toshikatsu Date: _____

Inventor's Signature ⇨ _____

Legal Name of inventor ⇨ MATSUMURA, Takahiro Date: _____

Inventor's Signature ⇨ _____

Legal Name of inventor ⇨ IWAHARA, Ryouhei Date: _____

Inventor's Signature ⇨ _____

Legal Name of inventor ⇨ KOBAYASHI, Masaru Date: _____

Inventor's Signature ⇨ _____

Legal Name of inventor ⇨ TATSUTA, Masako Date: _____

Inventor's Signature ⇨ _____

Legal Name of inventor ⇨ DONG, Yongrong Date: February 25, 2020

Inventor's Signature ⇨ *Dong Yongrong*

Legal Name of inventor ⇨ OYA, Masayuki Date: February 25, 2020

Inventor's Signature ⇨ *Oya Masayuki*

Docket No.:

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Legal Name
of inventor ⇨

ITOU, Kenichi

Date: February 25, 2020

Inventor's
Signature ⇨

Ito Kenichi

Legal Name
of inventor ⇨

KAWAGOE, Yoshiyasu

Date: February 25, 2020

Inventor's
Signature ⇨

Yoshiyasu Kawagoe

Note: Use an additional form for each additional inventor.