PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
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SHINTARO INABA	07/03/2019
SHINYA HISAMITSU	07/03/2019
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16489072

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ATTORNEY DOCKET NUMBER:	054160-5115
NAME OF SUBMITTER:	ROBERT SMYTH
SIGNATURE:	/robert smyth/
DATE SIGNED:	08/27/2019

Total Attachments: 1

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PATENT REEL: 050185 FRAME: 0070

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter "ASSIGNOR") by

(Insert ASSIGNEE's Name(s) Address(es))

ASAHI KASEI KABUSHIKI KAISHA

1-1-2 Yurakucho, Chiyoda-ku, Tokyo 100-0006, Japan

(hereinafter "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

(Title of Invention)

SEPARATOR FOR ELECTRICITY STORAGE DEVICES,

AND ELECTRICITY STORAGE DEVICE

relating to International Patent Application $\underline{PCT/JP2018/041748}$ and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

(Insert date of execution of application, if not concurrent)

(a) executed on:	Assignee's attorney is hereby authorized to insert in (b) the specified
(b) filed on	data, when known.
Serial No. ;	

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Signatures)

Masato Murakami	Masato Murakami	July 3, 2019
(SIGNATURE)	(TYPE NAME)	(DATE)
Shintaro Iuaba	Shintaro Inaba	July 3, 2019
(SIGNATURE)	(TYPE NAME)	(DATE)
ShInya Hisamitsu	Shinya Hisamitsu	July 3, 2019
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Daisule Inagaki	Daisuke Inagaki	July 3, 2019
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PATENT REEL: 050185 FRAME: 0071

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