

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HIROFUMI NAKAMOTO	05/25/2017
MASAO ICHIKAWA	04/24/2017
ZEMPACHI OGUMI	04/18/2017
TAKESHI ABE	04/18/2017

RECEIVING PARTY DATA

Name:	TOYOTA JIDOSHA KABUSHIKI KAISHA
Street Address:	1, TOYOTA-CHO
City:	TOYOTA-SHI, AICHI-KEN
State/Country:	JAPAN
Postal Code:	471-8571
Name:	HONDA MOTOR CO., LTD.
Street Address:	2-1-1, MINAMI-AOYAMA, MINATO-KU
City:	TOKYO-TO
State/Country:	JAPAN
Postal Code:	107-8556
Name:	KYOTO UNIVERSITY
Street Address:	36-1, YOSHIDA-HONMACHI, SAKYO-KU
City:	KYOTO-SHI, KYOTO-FU
State/Country:	JAPAN
Postal Code:	606-8501

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15609129

CORRESPONDENCE DATA

Fax Number: (202)293-7860

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Correspondent Name:	SUGHRUE MION, PLLC
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Address Line 4:	WASHINGTON, D.C. 20037

ATTORNEY DOCKET NUMBER:	Q233449
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NAME OF SUBMITTER:	JUSTIN AVILES, NEW APPLICATIONS SPEC
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SIGNATURE:	/Justin Aviles/
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DATE SIGNED:	05/31/2017
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Total Attachments: 3

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Docket No.

Assignment

Whereas, We, Hirofumi NAKAMOTO of Kyoto-shi, Kyoto-fu, Japan; Masao ICHIKAWA of Wako-shi, Saitama-ken, Japan; Zempachi OGUMI of Kyoto-shi, Kyoto-fu, Japan; and Takeshi ABE of Kyoto-shi, Kyoto-fu, Japan; respectively, hereinafter called assignors, have invented certain improvements in ANODE LAYER FOR FLUORIDE ION BATTERY AND FLUORIDE ION BATTERY and executed an application for Letters Patent of the United States of America therefor; and

Whereas, TOYOTA JIDOSHA KABUSHIKI KAISHA of 1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571 Japan (assignees); HONDA MOTOR CO., LTD. of 2-1-1, Minami-Aoyama, Minato-ku, Tokyo-to, 107-8556 Japan (assignees); and

KYOTO UNIVERSITY of 36-1, Yoshida-honmachi, Sakyo-ku, Kyoto-shi, Kyoto-fu, 606-8501 Japan(assignees), desire to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

We, the above named assignors, hereby sell, assign and transfer to the above named assignees, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, and all countries foreign thereto, including rights of priority under the International Convention of Paris (1883) as amended, including the right to claim priority under 35 U.S.C. §119 and the right to sue for past damages, and we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignees, its successors and assigns; and we hereby agree that the assignees may apply for foreign Letters Patent on the invention and we will execute without further consideration all papers deemed necessary by the assignees in connection with the United States and foreign applications when called upon to do so by the assignees.

We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number 15/609,129 and Confirmation number 3844, filed May 31, 2017) the application number, confirmation number and filing date of said application when known.

Date: 05/25/2017 Hirofumi Nakamoto
s/ Hirofumi NAKAMOTO

Date: _____
s/ Masao ICHIKAWA

Date: _____
s/ Zempachi OGUMI

Date: _____
s/ Takeshi ABE

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

Assignment

Whereas, We, Hirofumi NAKAMOTO of Kyoto-shi, Kyoto-fu, Japan; Masao ICHIKAWA of Wako-shi, Saitama-ken, Japan; Zempachi OGUMI of Kyoto-shi, Kyoto-fu, Japan; and Takeshi ABE of Kyoto-shi, Kyoto-fu, Japan; respectively, hereinafter called assignors, have invented certain improvements in ANODE LAYER FOR FLUORIDE ION BATTERY AND FLUORIDE ION BATTERY and executed an application for Letters Patent of the United States of America therefor; and

Whereas, TOYOTA JIDOSHA KABUSHIKI KAISHA of 1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571 Japan (assignees); HONDA MOTOR CO., LTD. of 2-1-1, Minami-Aoyama, Minato-ku, Tokyo-to, 107-8556 Japan (assignees); and

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Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

We, the above named assignors, hereby sell, assign and transfer to the above named assignees, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, and all countries foreign thereto, including rights of priority under the International Convention of Paris (1883) as amended, including the right to claim priority under 35 U.S.C. §119 and the right to sue for past damages, and we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignees, its successors and assigns; and we hereby agree that the assignees may apply for foreign Letters Patent on the invention and we will execute without further consideration all papers deemed necessary by the assignees in connection with the United States and foreign applications when called upon to do so by the assignees.

We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number 15/609,129 and Confirmation number 3844, filed May 31, 2017) the application number, confirmation number and filing date of said application when known.

Date:

s/ Hirofumi NAKAMOTO

Date:

Apr 24, 2017

Masao Ichikawa

s/ Masao ICHIKAWA

Date:

s/ Zempachi OGUMI

Date:

s/ Takeshi ABE

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Assignment

Whereas, We, Hirofumi NAKAMOTO of Kyoto-shi, Kyoto-fu, Japan; Masao ICHIKAWA of Wako-shi, Saitama-ken, Japan; Zempachi OGUMI of Kyoto-shi, Kyoto-fu, Japan; and Takeshi ABE of Kyoto-shi, Kyoto-fu, Japan; respectively, hereinafter called assignors, have invented certain improvements in ANODE LAYER FOR FLUORIDE ION BATTERY AND FLUORIDE ION BATTERY and executed an application for Letters Patent of the United States of America therefor; and

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Date:

s/ Hirofumi NAKAMOTO

Date:

s/ Masao ICHIKAWA

Date:

April 18 / 2017

s/ Zempachi OGUMI

Date:

April 18 / 2017

s/ Takeshi ABE

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)