# PATENT ASSIGNMENT

# Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

# **CONVEYING PARTY DATA**

Name	Execution Date	
Etsuzo SATO	08/27/2012	
Noriyasu IWANE	08/27/2012	

#### **RECEIVING PARTY DATA**

Name:	FURUKAWA ELECTRIC CO., LTD.	
Street Address:	2-3, Marunouchi 2-chome, Chiyoda-ku	
City:	Tokyo	
State/Country:	JAPAN	
Postal Code:	100-8322	

Name:	FURUKAWA AUTOMOTIVE SYSTEMS INC.	
Street Address:	1000, Amago, Koura-cho, Inukami-gun	
City:	Shiga	
State/Country:	JAPAN	
Postal Code:	522-0242	

# PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13616792

# **CORRESPONDENCE DATA**

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via US Mail.

Correspondent Name: OBLON, SPIVAK, MCCLELLAND MAIER & NEUSTA

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Address Line 4: ALEXANDRIA, VIRGINIA 22314

**PATENT** 

REEL: 028974 FRAME: 0844

JF \$40.00 13616/97

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ATTORNEY DOCKET NUMBER:	404786US28700312948XCONT
NAME OF SUBMITTER:	Kimberly S. Pitts
Total Attachments: 2 source=404786USASSIGNMENT#page1.tif source=404786USASSIGNMENT#page2.tif	

PATENT REEL: 028974 FRAME: 0845

# **Assignment of Application**

WHEREAS, I (WE)

INSERT NAMES AND RESIDENCE ADDRESS OF THE INVENTORS:

Etsuzo SATO of c/o Furukawa Electric Co., Ltd., 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8322 JAPAN, and

Noriyasu IWANE of c/o Furukawa Electric Co., Ltd., 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8322 JAPAN,

INSERT TITLE OF INVENTION: have invented certain new and useful improvements in:

STATE-OF-CHARGE ESTIMATION METHOD, STATE-OF-CHARGE ESTIMATION DEVICE, AND SECONDARY-BATTERY POWER SYSTEM

(Application No. 13/616,792	, filed	September	14,	2012	,
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WHEREAS.

INSERT NAMES AND ADDRESS OF COMPANY OR OTHER ASSIGNEE: <u>FURUKAWA ELECTRIC CO., LTD.</u> having a place of business at <u>2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8322 JAPAN</u>, and

FURUKAWA AUTOMOTIVE SYSTEMS INC. having a place of business at 1000, Amago, Koura-cho, Inukami-gun, Shiga 522-0242 JAPAN,

(hereinafter referred to as "ASSIGNEEs") are desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefor in the United States and its territorial possessions and in any and all foreign countries.

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEEs, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEEs as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEEs, their successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

PATENT REEL: 028974 FRAME: 0846 Further, I (WE) agree that I (WE) will communicate to said ASSIGNEEs or their representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEEs, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEEs, their successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, L.L.P. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date:	AUGUST 27, 2012	Etsuza Sato
_	-	(Signature of Inventor) Etsuzo SATO
Date:	AUGUST 27, 2012	(Signature of Inventor) Noriyasu IWANE
		(Signature of Inventor) Noriyasu IWANE
Date:		
		(Signature of Inventor)
Date:		
	<u> </u>	(Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, L.L.P.

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

> PATENT REEL: 028974 FRAME: 0847

RECORDED: 09/14/2012