PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Chikahito SUGAHARA	12/03/2010
Satoru ZAMA	12/03/2010
Akira TACHIBANA	12/03/2010

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12977167

CORRESPONDENCE DATA

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NAME OF SUBMITTER:	Marc S. Weinner

Total Attachments: 2

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BIRCH, STEWART, KOLASCH & BIRCH, LLP

UNITED STATES PATENT RIGHTS, OR UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

ASSIGNMENT

	Application No. <u>12/977,167</u>	_	Filed December 23, 2010
Insert Name(s) of Inventor(s)		e FAMILY NAME (ALL CAPS))***	
	WHEREAS, Akira TACHIBANA	Chikahito SUGAHARA	Satoru ZAMA
		;	;
Insert Title of Invention		rsigned) has (have) invented certain r DR ELECTRICAL/ELECTRONIC DPART USING THE SAME	1
	for which an application for Letter undersigned (except in the case of a	rs Patent of the United States of Ame a provisional application).	erica has been executed by the
Insert Date of Signing of Application	on December 3, 2010		; and
Insert Name of Assignee	WHEREAS, THE FU	IRUKAWA ELECTRIC CO., LT	TD.
Insert Address of Assignee	of 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8322, Japan		. Japan
CHECK BOX IF APPROPRIATE	desirous of acquiring the entire ri Letters Patent(s) that may be grante in any foreign countries.	entatives and assigns (hereinafter dight, title and interest in and to saided therefor in the United States of Am	l invention and in and to any
	paid, the receipt of which is herel undersigned has (have) sold, assi transfer unto said Assignee the fi America, its territories, dependence any and all Letters Patent(s) whi	tion of the sum of Ten Dollars (\$10.0 by acknowledged, and other good at gned and transferred, and by these full and exclusive right to the said invites and possessions and the entire rich may be granted therefor in the essions, and if the box above is designed.	nd valuable consideration, the presents does sell, assign and vention in the United States of ght, title and interest in and to United States of America, its
	and to any and all divisions, reiss	ues, continuations, conversions and	extensions thereof for the full

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term or terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree (s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letter Patent(s) 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.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date December 3, 2010	Name of Inventor Chikahito Sugahara (signature) Chikahito SUGAHARA
Date December 3, 2010	Name of Inventor Satoru ZAMA
Date December 3, 2010	Name of Inventor Akira TACHIBANA Name of Inventor Akira TACHIBANA
Date	Name of Inventor(signature)
Date,	Name of Inventor(signature)
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