

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
FUJITSU LIMITED	09/17/2013
RECEIVING PARTY DATA	
Name:	SHINKO ELECTRIC INDUSTRIES CO., LTD.
Street Address:	80, Oshimada-machi
City:	Nagano-shi
State/Country:	JAPAN
Postal Code:	381-2287
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13117584
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ATTORNEY DOCKET NUMBER:	106245.00013
NAME OF SUBMITTER:	Nema Berezny
Signature:	/Nema Berezny/
Date:	09/24/2013
Total Attachments: 1 source=106245.00013 Assignment#page1.tif	

OP \$40.00 13117584

## ASSIGNMENT

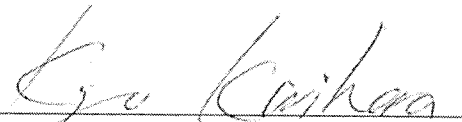
WHEREAS: The ASSIGNOR, FUJITSU LIMITED, of 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, Japan is the owner of 50% of the entire worldwide interest in the invention disclosed in United States Patent Application No. 13/117,584, filed on May 27, 2011, by virtue of an Assignment filed in the United States Patent & Trademark Office. The assignment for the application being recorded in the Patent and Trademark Office on May 27, 2011 at Reel 026354, Frame 0582; and

WHEREAS, the ASSIGNEE, SHINKO ELECTRIC INDUSTRIES CO., LTD., of 80, Oshimada-machi, Nagano-shi, 381-2287, Japan is desirous of acquiring the entire interest in said invention disclosed in United States Patent Application Serial Number 13/117,584; and

WHEREAS, there is no other assignment, sale or encumbrance entered into previously by the ASSIGNOR which would in any manner affect this assignment;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: for good and valuable consideration, receipt of which is hereby acknowledged, said ASSIGNOR does hereby sell, assign, transfer and set over unto said ASSIGNEE its successors and assigns, all of ASSIGNOR'S worldwide right, title and interest in and to the invention disclosed in said United States patent application, and any corresponding non-US patent applications, and any continuation or divisional patent applications, and any patents issuing from this or any of said continuation or divisional patent applications, and any re-issues thereof.

FUJITSU LIMITED

By: 

Name: Kazuo Kurihara

Title: Vice President, Intellectual Property  
and Standards Strategy Division

Dated: Sep. 17, 2013