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PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Kotaro KODANI	04/02/2010
Junichi NAKAMURA	04/02/2010

RECEIVING PARTY DATA

Name:	SHINKO ELECTRIC INDUSTRIES CO., LTD.	
Street Address:	80, Oshimada-machi, Nagano-shi,	
City:	Nagano	
State/Country:	JAPAN	
Postal Code:	381-2287	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13892416

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	10SD-001D1
NAME OF SUBMITTER:	Herman Paris
Signature:	//herman paris//
Date:	05/13/2013

Total Attachments: 3

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PATENT REEL: 030401 FRAME: 0944 \$40.00 13892416

U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office

RECORDATION FORM COVER SHEET				
PATENTS ONLY				
To the Director of the U.S. Patent and Trademark Office: Pleas	se record the attached documents or the new address(es) below.			
1. Name of conveying party(ies)	2. Name and address of receiving party(ies)			
Kotaro KODANI, Junichi NAKAMURA	Name: SHINKO ELECTRIC INDUSTRIES CO., LTD.			
	Internal Address:			
Additional name(s) of conveying party(ies) attached? Yes ✓ No 3. Nature of conveyance/Execution Date(s):	Street Address: 80, Oshimada-machi, Nagano-shi,			
Execution Date(s) April 2, 2010	Street Address. ov, Osiiiiilada-iiiladiii, Nagario-siii,			
✓ Assignment Merger				
Security Agreement Change of Name	City: Nagano			
☐ Joint Research Agreement	State:			
Government Interest Assignment				
Executive Order 9424, Confirmatory License	Country: Japan Zip: 381-2287			
Other	Additional name(s) & address(es) attached? Yes Vo			
4. Application or patent number(s):	document is being filed together with a new application.			
A. Patent Application No.(s)	B. Patent No.(s)			
!	!			
1				
Additional numbers att	l tached?			
5. Name and address to whom correspondence	6. Total number of applications and patents			
concerning document should be mailed:	involved:_1			
Name: IPUSA, PLLC	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00			
Internal Address:	Authorized to be charged by credit card			
	✓ Authorized to be charged by credit card			
Street Address: 1054 31st Street, N.W., Suite 400	Enclosed			
Stieet Address. 1004 3 Ist Oliegt, N. VV., Outo 400	None required (government interest not affecting title)			
City: Washington	8. Payment Information			
	a. Credit Card Last 4 Numbers			
State: DC Zip:20007	Expiration Date			
Phone Number: 202-797-4181	b. Deposit Account Number <u>50-4424</u>			
Fax Number: <u>202-797-8188</u>	Authorized User Name Herman W. Paris			
Email Address: ipusa@ipusapat.com	Authorized Oser Name Tremen W. Fano			
9. Signature: /Herman W. Paris/	2013/05/10			
Signature	Date			
Herman W. Paris Name of Person Signing	Total number of pages including cover sheet, attachments, and documents:			

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

ASSIGNMENT

THIS ASSIGNMENT, by (1) Kotaro KODANI, and (2) Junichi NAKAMURA, (hereinafter referred to as "Assignors"), residing at (1) Nagano-shi, Nagano, Japan, and (2) Nagano-shi, Nagano, Japan, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in

WHEREAS, SHINKO ELECTRIC INDUSTRIES CO., LTD. (hereinafter referred to as "Assignee"), having offices at 80, Oshimada-machi, Nagano-shi, Nagano 381-2287 Japan, is desirous of acquiring the entire right, title and interest in and to said inventions and said application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefor and thereon;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuation-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and Assignment not been made;

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles, and or interests that have arisen to Assignee under the law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign

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all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives, and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns shall advise; that any proceeding in connection with said inventions, or said patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable;

AND Assignors hereby request that the Director of the United States Patent and Trademark Office issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the said Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns;

AND Assignors hereby grant the following individuals 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 United States Patent and Trademark Office for recordation of this document: All practitioners associated with the Customer Number 77464.

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

April 2, 2010	Kotoro Kodami
Date	Kotaro KODANI
April 2, 2010	Junichi Nafamura
Date	Junichi NAKAMURA