PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Takashi Hikihara	01/20/2012
Tsuguhiro Takuno	01/20/2012
Kenichi Hirotsu	01/06/2012
Takefumi Shimoguchi	01/06/2012
Toshikazu Shibata	01/06/2012
Takashi Tsuno	01/06/2012
Satoshi Hatsukawa	01/06/2012

RECEIVING PARTY DATA

Name:	SUMITOMO ELECTRIC INDUSTRIES, LTD.	
Street Address:	5-33, Kitahama 4-chome,	
Internal Address:	Chuo-ku, Osaka-shi,	
City:	Osaka	
State/Country:	JAPAN	
Postal Code:	5410041	

Name:	KYOTO UNIVERSITY	
Street Address:	36-1, Yoshida-honmachi,	
Internal Address:	Sakyo-ku, Kyoto-shi.	
City:	Kyoto	
State/Country:	JAPAN	
Postal Code:	6068501	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13388878

CORRESPONDENCE DATA

PATENT REEL: 027651 FRAME: 0299 00 0V\$ H.

Fax Number: (202)756-8087 Phone: 202-756-8000

Email: washington_ip_docket@mwe.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

Correspondent Name: MCDERMOTT WILL & EMERY LLP

Address Line 1: 600 13TH STREET, N.W.

Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20005-3096

ATTORNEY DOCKET NUMBER: 087612-0020

NAME OF SUBMITTER: Stephen A. Becker 26,527 jcm

Total Attachments: 2

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> PATENT REEL: 027651 FRAME: 0300

RECORDATION FORM	1 COVER SHEET	
Docket No.: 087612-0020 PATENTS ONLY		
To the Director of the U. S. Patent and Trademark Office: Please re		
1. Name of Conveying Party(ies)	2. Name and address of receiving party(ies)	
Takashi HIKIHARA; Tsuguhiro TAKUNO; Kenichi	Address: SUMITOMO ELECTRIC INDUSTRIES, LTD.	
HIROTSU; Takefumi SHIMOGUCHI; Toshikazu SHIBATA;	5-33, Kitahama 4-chome,	
Takashi TSUNO; Satoshi HATSUKAWA	Chuo-ku, Osaka-shi,	
	Osaka, JAPAN 5410041	
Additional name(s) of conveying party(ies) attached? Yes No	&	
3. Nature of Conveyance/Execution Date(s)	Name: Kyoto University	
Execution Date(s): January 20, 2012; January 20, 2012;	Address: 36-1, Yoshida-honmachi,	
January 6, 2012; January 6, 2012;	Sakyo-ku, Kyoto-shi,	
January 6, 2012; January 6, 2012;	Kyoto, JAPAN 6068501	
January 6, 2012;		
☐ Security Agreement ☐ Change of Name		
Joint Research Agreement		
Government Interest Assignment		
Executive Order 9424, Confirmatory License		
Other	Additional name(s) & address(es) attached? Yes No	
4. Application or patent number(s):	This document is being filed together with a new application.	
A. Patent Application No(s).	B. Patent No(s).	
••		
Additional numbers attac	hed? Yes No	
5. Name and address to whom correspondence concerning	6. Total number of applications and patents	
document should be mailed:	involved:	
Name: MCDERMOTT WILL & EMERY LLP	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 to deposit account	
Street Address: 600 13th Street, N.W.	Enclosed	
	None required (government interest not affecting title)	
City: Washington, State: DC Zip: 20005-3096		
D.C.		
Phone Number: 202.756.8000	8. Payment Information:	
Fax Number: 202.756.8087		
Email Address: mweipdocket@mwe.com	a. Credit Card Last 4 Numbers	
	Expiration Date b. Deposit Account Number 500417	
	Authorized User Name	
9. Signature.	100	
Stephen A. Becker 26,527	February 3, 2012	
Name and Registration No. of Person Signing	Signature Date	
Total number of pages including	ng cover sheet, attachments and documents:	

PATENT REEL: 027651 FRAME: 0301

(SAB) Docket No.:	
ASSIGN	NMENT
In consideration of the premises and other good sufficiency of which is hereby acknowledged, the undersigne	and valuable consideration in hand paid, the receipt and
	BATA, Toshikazu NO, Takashi
	SUKAWA, Satoshi
who have made a certain new and useful invention, hereby se	ll, assign and transfer unto
SUMITOMO ELECTRIC INDUSTRIES, LTD. 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541004	1 Japan
Kyoto University 36-1, Yoshida-honmachi, Sakyo-ku, Kyoto-shi, Kyoto 60685	
its successors and assigns (hereinafter designated "ASSIGNE America as defined in 35 U.S.C. 100 in the invention entitled	E") the entire right, title and interest for the United States of
POWER LINE COMMUNICATION DEVICE, POWER SUPPLY FUNCTION, ELECTRIC APPLIANCE, AND CONTROL AND M	CIRCUIT WITH COMMUNICATION ONITORING SYSTEM
(a) for which an application for United States Letters Pater and identified by United States Serial No.	nt was filed on, or
(b) for which an application for Unit	ed States Letters Patent was executed on
and the undersigned hereby authorize and request the United and all United States Letters Patent which may be grante substitutes, renewals, continuations, or continuations-in-part Convention for the Protection of Industrial Property to the sa assigns and legal representatives; the undersigned agree that on behalf of said ASSIGNEE;	d therefor and any and all extensions, divisions, reissues, thereof, and the right to all benefits under the International id ASSIGNEE, for its interest as ASSIGNEE, its successors.
AND the undersigned hereby agree to transfer a lik application for and obtaining original, divisional, reissued or the said ASSIGNEE, its successors, assigns and legal repre improvements, and applications for patent based thereon, greany papers by the said ASSIGNEE, its successors, assigns and protection and title in and to the invention hereby transferred.	sentatives, and without further remuneration, in and to any owing out of or related to the said invention; and to execute
SIGNED on the dates indicated aside our signatures:	DATE SIGNED
1) Jakashi Tikihara	Jan. 20, 2012
Name: HIKIHARA, Takashi 2) Layukw Yakua Name: TAKUNO, Tsuguhiro	Jan. 20, 2012
Name: HIROTSU, Kenichi	Jan. 6, 2012
Name: SHIMOGUCHI, Takefumi	Jan. 6. 2012.
Name: SHIBATA/Toshikazu	Jan, 6, 2012
Name: TSUNO, Takashi 7.5.2012-1-6 Tourney	Jan. 6th, 20/2
Name: HATSUKAWA, Satoshi	

PATENT REEL: 027651 FRAME: 0302

RECORDED: 02/03/2012