PATENT ASSIGNMENT

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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Ryuichiro SATO	10/06/2009

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	29351181	

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 049677-0259

NAME OF SUBMITTER: Stephen A. Becker

Total Attachments: 3

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PATENT REEL: 023588 FRAME: 0288 CH \$40.00 Z355

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RECORDATION FORM	A COVER SHEET		
Docket No.: 049677-0259 PATENTS	ONLY		
To the Director of the U. S. Patent and Trademark Office: Please in			
1. Name of Conveying Party(ies)	2. Name and address of receiving party(ies)		
Ryuichiro SATO	Name: SUMITOMO ELECTRIC INDUSTRIES, LTD.		
	Internal Address:		
Additional name(s) of conveying party(ies) attached? Yes No			
3. Nature of Conveyance/Execution Date(s)	Address: 5-33, Kitahama 4-chome, Chuo-ku, Osaka,		
	JAPAN		
Execution Date(s): October 6, 2009			
☐ 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).		
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Additional numbers attac	, — — —		
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents 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		
internal Address.	Authorized to be charged by credit card Authorized to be charged to deposit account		
Street Address: 600 13th Street, N.W.	Enclosed		
Sueet Address. 000 13th Sueet, N. W.	None required (government interest not affecting title)		
City: Washington State: D. C. Zip: 20005-3096	Trone required (government interest not arrecting title)		
Phone Number: 202.756.8000	8. Payment Information:		
Fax Number: 202.756.8087	o. I ayment information.		
Email Address:	a. Credit Card Last 4 Numbers		
Eman Address.	a. Credit Card Last 4 Numbers Expiration Date		
	b. Deposit Account Number 500417		
	Authorized User Name		
0 Signature			
9. Signature.	200 December 1 2000		
Stephen A. Becker 26,527	December 1, 2009 Signature Date		
Name and Registration No. of Person Signing Total number of pages including cover sheet, attachments and documents: 3			
Total number of pages including	ing cover shoot, attachments and documents.		

PATENT REEL: 023588 FRAME: 0289 Docket No.:

ASSIGNMENT

hand	In consideration of the premises and other good and valuable consideration in a paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,			
(1) (2) (3)	Ryuichiro Sato (4) (5) (6)			
who have made a certain new and useful invention, hereby sell, assign and transfer unto Sumitomo Electric Industries, Ltd. of 5-33, Kitahama 4-chome, Chuo-ku, Osaka, Japan				
inter entit	uccessors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and rest for the United States of America as defined in 35 U.S.C. 100 in the invention eled			
(a) on	, and identified by United States Serial No. ; or			
and Pate gran cont Inter	for which an application for United States Letters Patent was executed on, October 6, 2009 the undersigned hereby authorize and request the United States Commissioner for nts and Trademarks to issue any and all United States Letters Patent which may be ted therefor and any and all extensions, divisions, reissues, substitutes, renewals, inuations, or continuations-in-part thereof, and the right to all benefits under the rnational Convention for the Protection of Industrial Property to the said ASSIGNEE, its successors, assigns and legal representatives; the			

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

undersigned agree that the attorneys of record in said application shall hereafter act on

SIGNED on the dates indicated aside our signatures:

behalf of said ASSIGNEE;

PATENT REEL: 023588 FRAME: 0290

	INVENTORS	DATE SIGNED
1)	Name: Ryuichire Sato	October 6, 2009
	Name: Ryuichiré Sato	
2)		
	Name:	
3)		
	Name:	
4)		
	Name:	
5)		
Í	Name:	
6)		
	Name:	

PATENT REEL: 023588 FRAME: 0291

RECORDED: 12/01/2009