

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Kyoto University	05/16/2012
RECEIVING PARTY DATA	
Name:	Sumitomo Electric Industries, Ltd.
Street Address:	5-33, Kitahama 4-chome
Internal Address:	Chuo-ku, Osaki-shi
City:	Osaka
State/Country:	JAPAN
Postal Code:	541-0041
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12298710
CORRESPONDENCE DATA	
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Address Line 1:	600 13th Street
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20005-3096
ATTORNEY DOCKET NUMBER:	070456-0234
NAME OF SUBMITTER:	Stephen A. Becker
Total Attachments: 2 source=REC_070456-0234#page1.tif source=ASSGN_070456-0234#page1.tif	

CH \$40.00 12298710

RECORDATION FORM COVER SHEET

Docket No.: 070456-0234

PATENTS ONLY

To the Director of the U. S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

<p>1. Name of Conveying Party(ies) Kyoto University</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies) Name: Sumitomo Electric Industries, Ltd. Internal Address:</p> <p>Address: 5-33, Kitahama 4-chome Chuo-ku, Osaka-shi Osaka, 541-0041 Japan</p> <p>Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input type="checkbox"/> No</p>	
<p>3. Nature of Conveyance/Execution Date(s) Execution Date(s): May 16, 2012</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other</p>	<p>4. Application or patent number(s): A. Patent Application No(s). 12/298,710</p> <p align="center">Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><input type="checkbox"/> This document is being filed together with a new application. B. Patent No(s).</p>	
<p>5. Name and address to whom correspondence concerning document should be mailed: Name: MCDERMOTT WILL & EMERY LLP Internal Address:</p> <p>Street Address: 600 13th Street, N.W.</p> <p>City: Washington, State: DC Zip: 20005-3096 D.C.</p> <p>Phone Number: 202.756.8000 Fax Number: 202.756.8087 Email Address: mweipdocket@mwe.com</p>	<p>6. Total number of applications and patents involved: 1</p> <p>7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00</p> <p><input type="checkbox"/> Authorized to be charged by credit card <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title)</p> <p>8. Payment Information:</p> <p>a. Credit Card Last 4 Numbers _____ Expiration Date _____</p> <p>b. Deposit Account Number 500417 Authorized User Name _____</p>	
<p>9. Signature. Stephen A. Becker 26,527 May 16, 2012</p>		
<p>Name and Registration No. of Person Signing</p>	<p align="center">Signature</p>	<p align="right">Date</p>
<p align="right">Total number of pages including cover sheet, attachments and documents: 2</p>		

070456-0234

ASSIGNMENT

WHEREAS, Kyoto University is the owner of one-half interest, right and title by Assignments recorded October 27, 2008, Reel 021742, Frame 0630 and March 10, 2009, Reel 022371, Frame 0663, of the following application for Letters Patent of the United States and the invention represented thereby:

Inventors: Hideaki Sakai et al.

Serial No.: 12/298,710

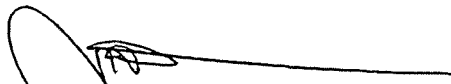
Filed: October 27, 2008

WHEREAS, Sumitomo Electric Industries, Ltd., a company organized and existing under the laws of Japan, and having a place of business at 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041, Japan, is desirous of acquiring the entire one-half interest, right and title of Kyoto University in and to the aforesaid application for Letters Patent and invention thereof;

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, the said Kyoto University has sold, assigned, transferred and set over to said Sumitomo Electric Industries, Ltd. their entire one-half interest, right and title in and to the aforesaid application and the invention thereof, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries, and any and all extensions, divisions, reissues, substitutes, renewals or continuations thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said Sumitomo Electric Industries, Ltd., their successors, assigns and legal representatives, to the full end of the term or terms for which said Letters Patent may be granted, reissued or extended as fully as the same would have been held and enjoyed in full by Kyoto University had this assignment, sale or transfer not been made; and said Kyoto University hereby authorizes and requests the Commissioner of Patents of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid to issue to said Sumitomo Electric Industries, Ltd. as assignees of one-half the entire interest, right and title in any and all Letters Patent of the United States which may be issued or granted on or as a result of the application hereinbefore identified, in accordance with the terms of this agreement, and hereby covenants that it has the full right to convey the entire one-half interest herein assigned and that it has not executed and will not execute any agreement in conflict herewith.

IN TESTIMONY WHEREOF, Kyoto University has caused these presents to be signed by an official thereunto duly authorized, and its seal to be affixed and attested this 16th day of May, 2012.

Kyoto University



Name: Koisuke MAKINO

Title: Director, Office of Society-Academia Collaboration
for Innovation

Date: May 16, 2012

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