

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Hajime Kawaguchi	10/21/2011
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:	541-0041
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13266974
CORRESPONDENCE DATA	
Fax Number:	(202)756-8087
Phone:	202-756-8000
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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
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:	050395-0504
NAME OF SUBMITTER:	Stephen A. Becker 26,527 jcm
Total Attachments: 2 source=2011-10-28_Assi_050395-0504#page1.tif source=2011-10-28_Assi_050395-0504#page2.tif	

CH \$40.00 13266974

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PATENT
REEL: 027141 FRAME: 0743

Docket No.: 050395-0504

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

Hajime KAWAGUCHI

3. Nature of Conveyance/Execution Date(s)

☒ Assignment
 ☐ Merger
☐ Security Agreement
 ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other

Name: **SUMITOMO ELECTRIC INDUSTRIES, LTD.**

Address: **5-33, Kitahama 4-chome,
Chuo-ku, Osaka-shi,
Osaka, 541-0041 JAPAN**

Additional name(s) & address(es) attached? ☐ Yes ☐ No

A. Patent Application No(s).

☒ This document is being filed together with a new application.

B. Patent No(s).

Additional numbers attached? ☐ Yes ☐ No

Name: MCDERMOTT WILL & EMERY LLP

Internal Address:

Street Address: 600 13th Street, N.W.

City: Washington, State: DC Zip: 20005-3096
D.C.

Phone Number: 202.756.8000

Fax Number: 202.756.8087

Email Address: mweipdocket@mwe.com

6. Total number of applications and patents involved:

7. Total fee (37 CFR 1.21(h) & 3.41)	\$40.00
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☐ Authorized to be charged by credit card☒ Authorized to be charged to deposit account☐ Enclosed

☐ None required (government interest not affecting title)

8. Payment Information:

a.	Credit Card	Last 4 Numbers
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Expiration Date

b. Deposit Account Number 500417

Authorized User Name

9. Signature.

Stephen A. Becker 26,527

Signature

Date _____

Total number of pages including cover sheet, attachments and documents: 2

REEL: 027141 FRAME: 0744

Docket No.: _____

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

(1) <u>Hajime KAWAGUCHI</u>	(5) _____
(2) _____	(6) _____
(3) _____	(7) _____
(4) _____	

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-shi, Osaka 541-0041, JAPAN

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

REACTOR

- (a) for which an application for United States Letters Patent was filed on _____, and identified by United States Serial No. _____; or
- (b) for which an application for United States Letters Patent was executed on _____,

and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

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 an 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.

SIGNED on the dated indicated aside our signatures:

INVENTORS

DATE SIGNED

1) <u>Hajime Kawaguchi</u>	<u>October 21, 2011</u>
Name: Hajime KAWAGUCHI	
2) _____	
Name: _____	
3) _____	
Name: _____	
4) _____	
Name: _____	

PATENT