

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Yoshinori Saito	05/14/2012
RECEIVING PARTY DATA	
Name:	Murata Manufacturing Co., Ltd.
Street Address:	10-1 Higashikotari, 1-chome, Nagaokakyo-shi
City:	Kyoto-fu
State/Country:	JAPAN
Postal Code:	617-8555
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13472644
CORRESPONDENCE DATA	
Fax Number:	(212)277-6501
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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:	Dickstein Shapiro
Address Line 1:	1633 Broadway
Address Line 4:	New York, NEW YORK 10019
ATTORNEY DOCKET NUMBER:	M1071.3158
NAME OF SUBMITTER:	Edward A. Meilman
Total Attachments: 2 source=M10713158_assign#page1.tif source=M10713158_assign#page2.tif	

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### RECORDATION FORM COVER SHEET PATENTS ONLY

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

<b>1. Name of conveying party(ies):</b> Yoshinori Saito  Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<b>2. Name and address of receiving party(ies)</b> Name: <u>MURATA MANUFACTURING CO., LTD.</u> Internal Address: _____ Street Address: _____  10-1, Higashikotari 1-chome Nagaokakyo-Shi Kyoto-fu 617-8555 JAPAN City: _____ State: _____ Country: _____ Zip: _____ Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<b>3. Nature of conveyance/Execution Date(s):</b> Execution Date(s): <u>May 14, 2012</u> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Change of Name <input type="checkbox"/> Security Agreement <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other _____			
<b>4. Application or patent number(s):</b> A. Patent Application No.(s) 13/472,644  Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input checked="" type="checkbox"/> This document is being filed together with a new application. B. Patent No.(s)  <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<b>5. Name and address to whom correspondence concerning document should be mailed:</b> Name: Edward A. Meilman DICKSTEIN SHAPIRO LLP Internal Address: Atty. Dkt.: M1071.3158 Street Address: 1633 Broadway  City: <u>New York</u> State: <u>NY</u> Zip: <u>10019-6708</u> Phone Number: <u>(212) 277-6520</u> Fax Number: <u>(212) 277-6501</u> Email Address: <u>MeilmanE@dicksteinshapiro.com</u>		<b>6. Total number of applications and patents involved:</b> <input type="text" value="1"/> <b>7. Total fee (37 CFR 1.21(h) &amp; 3.41)</b> \$ <u>40.00</u> <input type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title)	
<b>9. Signature:</b>  _____ Signature Edward A. Meilman - 24,735 Name of Person Signing		<b>8. Payment Information</b> Deposit Account Number _____ Authorized User Name _____  Total number of pages including cover sheet, attachments, and documents: <input type="text" value="2"/>	

PATENT APPLICATION ASSIGNMENT  
SOLE OR JOINT INVENTORS  
EXECUTED OUTSIDE U.S.A.

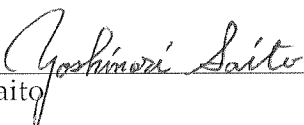
FILE NO. M1071.3158

WHEREAS, I, Yoshinori Saito, as assignor, has invented certain improvements in CATALYST FOR REVERSE SHIFT REACTION AND METHOD FOR PRODUCING SYNTHESIS GAS USING THE SAME for which an application for United States Letters Patent has been executed by me of even date herewith; and

WHEREAS, Murata Manufacturing Co., Ltd. (Corporation of Japan) address: 10-1, Higashikotari 1-chome, Nagaokakyo-shi, Kyoto-fu 617-8555, Japan, as assignee, is desirous of acquiring all right, title and interest in and to said invention and any Patent that may be granted therefor.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, I, as assignor, hereby sell, assign and set over to said assignee the entire right, title and interest for the United States and all other countries in and to said invention and the aforesaid application for Patent, all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States and all other countries, including all rights of priority from the filing of said application, and all rights for past infringement, and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said inventions or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for myself and my legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all divisional, continuation, reissue and other applications for Patent on said inventions and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said inventions, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to assist assignee, its successors, assigns and nominees to obtain patent protection for said invention in the United States and all other countries, the expenses incident to said applications to be borne and paid by said assignee.

Date: May 14, 2012

  
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Yoshinori Saito

LEGALIZATION RECOMMENDED

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