

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Hidenori MIKAMI</td> <td>01/27/2012</td> </tr> <tr> <td>Naoki MATSUMOTO</td> <td>01/27/2012</td> </tr> <tr> <td>Hideki OSADA</td> <td>01/27/2012</td> </tr> <tr> <td>Yusuke YOSHIZUMI</td> <td>01/31/2012</td> </tr> <tr> <td>Sayuri YAMAGUCHI</td> <td>01/27/2012</td> </tr> </tbody> </table>		Name	Execution Date	Hidenori MIKAMI	01/27/2012	Naoki MATSUMOTO	01/27/2012	Hideki OSADA	01/27/2012	Yusuke YOSHIZUMI	01/31/2012	Sayuri YAMAGUCHI	01/27/2012
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RECEIVING PARTY DATA													
Name:	SUMITOMO ELECTRIC INDUSTRIES, LTD.												
Street Address:	5-33, Kitahama 4-chome, Chuo-ku												
City:	Osaka-shi, Osaka												
State/Country:	JAPAN												
Postal Code:	541-0041												
PROPERTY NUMBERS Total: 1													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13307396</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13307396								
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Application Number:	13307396												
CORRESPONDENCE DATA													
Fax Number:	(202)204-0289												
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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>													
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ATTORNEY DOCKET NUMBER:	201917-0120 (478621)												
NAME OF SUBMITTER:	Peter J. Sistare												
Total Attachments: 2 source=201917_0120_Assignment#page1.tif source=201917_0120_Assignment#page2.tif													

OP \$40.00 13307396

PATENT

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:
Nitride Semiconductor Substrate

for which I/WE executed an application for United States Letters Patent concurrently herewith; or filed an application for United States Letters Patent on November 30, 2011, (Serial No. 13/307,396); and

WHEREAS, Sumitomo Electric Industries, Ltd., a corporation of Japan, whose post office address is 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 Japan, (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to issue upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to ME/US respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

AND, I/WE HEREBY authorize and request the attorneys I/WE have empowered in the Declaration and Power of Attorney in this application, to insert here in parenthesis (Application No. 13/307,396, filed November 30, 2011) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, I/WE have hereunto set our hand(s).

Full Name of Sole or First Assignor Hidenori MIKAMI	Assignor's Signature <i>Hidenori MIKAMI</i>	Date <i>January 27, 2012</i>
Address c/o Itami Works of Sumitomo Electric Industries, Ltd., 1-1, Koyakita 1-chome, Itami-shi, Hyogo 664-0016 Japan		Citizenship Japanese
Full Name of Second Assignor Naoki MATSUMOTO	Assignor's Signature <i>Naoki Matsumoto</i>	Date <i>January 27, 2012</i>
Address c/o Itami Works of Sumitomo Electric Industries, Ltd., 1-1, Koyakita 1-chome, Itami-shi, Hyogo 664-0016 Japan		Citizenship Japanese
Names of additional inventors attached <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

Full Name of Third Assignor Hideki OSADA	Assignor's Signature Hideki Osada	Date January 27, 2012
Address c/o Itami Works of Sumitomo Electric Industries, Ltd., 1-1, Koyakita 1-chome, Itami-shi, Hyogo 664-0016 Japan		Citizenship Japanese
Full Name of Fourth Assignor Yusuke YOSHIZUMI	Assignor's Signature Yusuke Yoshizumi	Date January 31, 2012
Address c/o Itami Works of Sumitomo Electric Industries, Ltd., 1-1, Koyakita 1-chome, Itami-shi, Hyogo 664-0016 Japan		Citizenship Japanese
Full Name of Fifth Assignor Sayuri YAMAGUCHI	Assignor's Signature Sayuri YAMAGUCHI	Date January 27, 2012
Address c/o Itami Works of Sumitomo Electric Industries, Ltd., 1-1, Koyakita 1-chome, Itami-shi, Hyogo 664-0016 Japan		Citizenship Japanese
Full Name of Sixth Assignor	Assignor's Signature	Date
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Full Name of Seventh Assignor	Assignor's Signature	Date
Address		Citizenship
Full Name of Eighth Assignor	Assignor's Signature	Date
Address		Citizenship
Full Name of Ninth Assignor	Assignor's Signature	Date
Address		Citizenship
Full Name of Tenth Assignor	Assignor's Signature	Date
Address		Citizenship
Full Name of Eleventh Assignor	Assignor's Signature	Date
Address		Citizenship
Names of additional inventors attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		