

## 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>Taisuke SATO</td><td>09/08/2011</td></tr><tr><td>Naoharu SUGIYAMA</td><td>09/08/2011</td></tr><tr><td>Tomonari SHIODA</td><td>09/08/2011</td></tr><tr><td>Toshiki HIKOSAKA</td><td>09/08/2011</td></tr><tr><td>Shinya NUNOUE</td><td>09/08/2011</td></tr></tbody></table>	Name	Execution Date	Taisuke SATO	09/08/2011	Naoharu SUGIYAMA	09/08/2011	Tomonari SHIODA	09/08/2011	Toshiki HIKOSAKA	09/08/2011	Shinya NUNOUE	09/08/2011	
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<table border="1"><tr><td>Name:</td><td>Kabushiki Kaisha Toshiba</td></tr><tr><td>Street Address:</td><td>1-1, Shibaura 1-chome, Minato-ku</td></tr><tr><td>City:</td><td>Tokyo</td></tr><tr><td>State/Country:</td><td>JAPAN</td></tr></table>	Name:	Kabushiki Kaisha Toshiba	Street Address:	1-1, Shibaura 1-chome, Minato-ku	City:	Tokyo	State/Country:	JAPAN					
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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>13222238</td></tr></tbody></table>	Property Type	Number	Application Number:	13222238									
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Application Number:	13222238												
CORRESPONDENCE DATA													
Fax Number: (703)413-2220													
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Address Line 1: 1940 Duke Street													
Address Line 4: Alexandria, VIRGINIA 22314													
ATTORNEY DOCKET NUMBER:	385851US2RD												
NAME OF SUBMITTER:	Mesfin Kassaye												
Total Attachments: 2 source=385851US2RDASSIGNMENT#page1.tif source=385851US2RDASSIGNMENT#page2.tif													

OP \$40.00 13222238

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PATENT  
REEL: 027227 FRAME: 0382

13G060490-USA-A

## Assignment of Application

INSERT NAMES  
AND RESIDENCE  
ADDRESS OF  
THE INVENTORS:

WHEREAS, I (WE) 1) Taisuke SATO  
2) Naoharu SUGIYAMA  
3) Tomonari SHIODA  
4) Toshiki HIKOSAKA  
5) Shinya NUNOUE  
 of:  
1) Kanagawa-ken, Japan  
2) Kanagawa-ken, Japan  
3) Kanagawa-ken, Japan  
4) Kanagawa-ken, Japan  
5) Chiba-ken, Japan  
 \_\_\_\_\_,  
 \_\_\_\_\_, respectively,

INSERT TITLE OF  
INVENTION:

have invented certain new and useful improvements in: "METHOD FOR MANUFACTURING  
NITRIDE SEMICONDUCTOR DEVICE"

(Application No. 13/222,238, filed August 31, 2011), and

INSERT NAME  
AND ADDRESS OF  
COMPANY OR  
OTHER ASSIGNEE:

WHEREAS, Kabushiki Kaisha Toshiba  
 (hereinafter referred to as "ASSIGNEE") having a place of business at: 1-1, Shibaura 1-chome, Minato-ku, Tokyo,  
Japan is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent  
 that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby  
 acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer  
 unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial  
 possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which  
 may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in  
 and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions  
 and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the  
 assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE,  
 its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and  
 entirely as the same would have been held by me (us) had this Assignment and sale not been made.

10/01

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: September 8, 2011

Taisuke SATO  
(Signature of Inventor) Taisuke SATO

Date: Sep. 8, 2011

Naoharu SUGIYAMA  
(Signature of Inventor) Naoharu SUGIYAMA

Date: September 8, 2011

Tomonari SHIODA  
(Signature of Inventor) Tomonari SHIODA

Date: September 8, 2011

Toshiki HIKOSAKA  
(Signature of Inventor) Toshiki HIKOSAKA

Date: September 8, 2011

Shinya NUNOUE  
(Signature of Inventor) Shinya NUNOUE

Date: \_\_\_\_\_

\_\_\_\_\_  
(Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.  
ATTORNEYS AT LAW  
1940 DUKE STREET  
ALEXANDRIA, VIRGINIA 22314