

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Yukio KATAMURA</td> <td>12/16/2010</td> </tr> <tr> <td>Yasuo TANE</td> <td>12/16/2010</td> </tr> <tr> <td>Atsushi YOSHIMURA</td> <td>12/27/2010</td> </tr> <tr> <td>Fumihiko IWAMI</td> <td>12/27/2010</td> </tr> </tbody> </table>		Name	Execution Date	Yukio KATAMURA	12/16/2010	Yasuo TANE	12/16/2010	Atsushi YOSHIMURA	12/27/2010	Fumihiko IWAMI	12/27/2010
Name	Execution Date										
Yukio KATAMURA	12/16/2010										
Yasuo TANE	12/16/2010										
Atsushi YOSHIMURA	12/27/2010										
Fumihiko IWAMI	12/27/2010										
RECEIVING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">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		
Name:	Kabushiki Kaisha Toshiba										
Street Address:	1-1, Shibaura 1-chome, Minato-ku										
City:	Tokyo										
State/Country:	JAPAN										
PROPERTY NUMBERS Total: 1											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th style="width: 70%;">Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13008443</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13008443						
Property Type	Number										
Application Number:	13008443										
CORRESPONDENCE DATA											
<p>Fax Number: (703)413-2220 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: (703) 413-3000 Email: jrainwater@oblon.com Correspondent Name: Oblon, Spivak, et al. Address Line 1: 1940 Duke Street Address Line 4: Alexandria, VIRGINIA 22314</p>											
ATTORNEY DOCKET NUMBER:	374525US2										
NAME OF SUBMITTER:	Jason Rainwater										
<p>Total Attachments: 2 source=374525USAssignment#page1.tif source=374525USAssignment#page2.tif</p>											

OP \$40.00 13008443

501409060

PATENT
 REEL: 025655 FRAME: 0153

AMG054172-USA-A

Assignment of Application

INSERT NAMES
AND RESIDENCE
ADDRESS OF
THE INVENTORS:

WHEREAS, I (WE) 1) Yukio KATAMURA of Mie-ken, Japan

2) Yasuo TANE of Mie-ken, Japan

3) Atsushi YOSHIMURA of Kanagawa-ken, Japan

4) Fumihiro IWAMI of Kanagawa-ken, Japan

_____, respectively,

INSERT TITLE OF
INVENTION:

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

(Application No. _____, filed _____), 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: Dec 16, 2010

Yukio Katamura
 (Signature of Inventor) Yukio KATAMURA

Date: Dec 16, 2010

Yasuo Tane
 (Signature of Inventor) Yasuo TANE

Date: Dec 27, 2010

Atsushi Yoshimura
 (Signature of Inventor) Atsushi YOSHIMURA

Date: Dec 27, 2010

Fumihiko Iwami
 (Signature of Inventor) Fumihiko IWAMI

Date: _____

 (Signature of Inventor)

Date: _____

 (Signature of Inventor)

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

10/01