

## 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>Tadao SATO</td><td>06/01/2009</td></tr><tr><td>Soichi HOMMA</td><td>06/01/2009</td></tr><tr><td>Masaya SHIMA</td><td>06/01/2009</td></tr></tbody></table>	Name	Execution Date	Tadao SATO	06/01/2009	Soichi HOMMA	06/01/2009	Masaya SHIMA	06/01/2009			
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Masaya SHIMA	06/01/2009										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>KABUSHIKI KAISHA TOSHIBA</td></tr><tr><td>Street Address:</td><td>1-1, Shibaura 1-chome</td></tr><tr><td>City:</td><td>Minato-ku, Tokyo</td></tr><tr><td>State/Country:</td><td>JAPAN</td></tr><tr><td>Postal Code:</td><td>105-8001</td></tr></table>	Name:	KABUSHIKI KAISHA TOSHIBA	Street Address:	1-1, Shibaura 1-chome	City:	Minato-ku, Tokyo	State/Country:	JAPAN	Postal Code:	105-8001	
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
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PATENT  
REEL: 022940 FRAME: 0481

JOINT INVENTION  
(U.S. Rights Only)

### ASSIGNMENT

WHEREAS, We, the below named inventors, (hereinafter referred to as assignors, have made an invention entitled:

METHOD FOR MANUFACTURING A SEMICONDUCTOR DEVICE

for which we executed an application for United States Letters Patent concurrently herewith or on \_\_\_\_\_ or filed an application for United States Letters Patent on \_\_\_\_\_ (Application No. \_\_\_\_\_); and

WHEREAS, KABUSHIKI KAISHA TOSHIBA, a corporation of Japan, whose post office address is \_\_\_\_\_

1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 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 be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, we, as assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, 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 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, WE HEREBY further covenant and agree that we will, without further consideration, communicate with assignee, its successors and assigns, any facts known to 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, WE HEREBY authorize and request the attorneys we have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No. \_\_\_\_\_, filed \_\_\_\_\_) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, we have hereunto set our hands.

**First Assignor**

Name: Takao SATO  
Address: Edogawa-ku, Tokyo, Japan  
\_\_\_\_\_  
\_\_\_\_\_

Citizenship: Japan

Signature: Takao Sato

Date: June 1, 2009

**Second Assignor**

Name: Soichi HOMMA  
Address: Kawasaki-shi, Kanagawa-ken,  
Japan  
\_\_\_\_\_  
\_\_\_\_\_

Citizenship: Japan

Signature: Soichi Homma

Date: June 1, 2009

**Third Assignor**

Name: Masaya SHIMA  
Address: Yokohama-shi, Kanagawa-ken,  
Japan  
\_\_\_\_\_  
\_\_\_\_\_

Citizenship: Japan

Signature: Masaya Shima

Date: June 1, 2009