

## 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>Yoshiaki OHDA</td> <td>04/03/2012</td> </tr> <tr> <td>Yoshikata KOBAYASHI</td> <td>04/03/2012</td> </tr> <tr> <td>Masaharu SHIMIZU</td> <td>04/03/2012</td> </tr> <tr> <td>Satoshi MARUSHIMA</td> <td>04/03/2012</td> </tr> <tr> <td>Hirokazu TAKAGI</td> <td>04/03/2012</td> </tr> <tr> <td>Tooru INOUE</td> <td>04/03/2012</td> </tr> </tbody> </table>		Name	Execution Date	Yoshiaki OHDA	04/03/2012	Yoshikata KOBAYASHI	04/03/2012	Masaharu SHIMIZU	04/03/2012	Satoshi MARUSHIMA	04/03/2012	Hirokazu TAKAGI	04/03/2012	Tooru INOUE	04/03/2012
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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>1058001</td> </tr> </table>		Name:	KABUSHIKI KAISHA TOSHIBA	Street Address:	1-1, SHIBAURA 1-CHOME	City:	MINATO-KU, TOKYO	State/Country:	JAPAN	Postal Code:	1058001				
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PROPERTY NUMBERS Total: 1															
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Application Number:	13501047														
CORRESPONDENCE DATA															
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Total Attachments: 2

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INSERT NAMES  
AND RESIDENCE  
ADDRESS OF  
THE INVENTORS:

INSERT TITLE OF  
INVENTION:

INSERT NAME  
AND ADDRESS OF  
COMPANY OR  
OTHER ASSIGNEE

12/04

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: April 3, 2012

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