

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>Kenichiro FURUTA</td> <td>12/27/2012</td> </tr> <tr> <td>Satoshi ITO</td> <td>12/27/2012</td> </tr> <tr> <td>Haruhiko TOYAMA</td> <td>12/27/2012</td> </tr> <tr> <td>Hiroshi ISOZAKI</td> <td>12/27/2012</td> </tr> <tr> <td>Toshiaki ASANO</td> <td>12/27/2012</td> </tr> </tbody> </table>		Name	Execution Date	Kenichiro FURUTA	12/27/2012	Satoshi ITO	12/27/2012	Haruhiko TOYAMA	12/27/2012	Hiroshi ISOZAKI	12/27/2012	Toshiaki ASANO	12/27/2012
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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</td> </tr> <tr> <td>Internal Address:</td> <td>Minato-ku</td> </tr> <tr> <td>City:</td> <td>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	Internal Address:	Minato-ku	City:	Tokyo	State/Country:	JAPAN	Postal Code:	105-8001
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CORRESPONDENCE DATA													
<p>Fax Number: 7038164100 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 703-816-4000 Email: js@nixonvan.com Correspondent Name: Michael J. Shea Address Line 1: NIXON & VANDERHYE, PC Address Line 2: 901 NORTH GLEBE ROAD, 11TH FLOOR Address Line 4: ARLINGTON, VIRGINIA 22203</p>													
ATTORNEY DOCKET NUMBER:	MJS-4813-152												

OP \$40.00 13729372

NAME OF SUBMITTER:

Michael J. Shea

Total Attachments: 3

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DTBA-12293-05

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by
(Insert Name(s) & Address(es) of ASSIGNEE(S))

Kabushiki Kaisha Toshiba

1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 Japan

(hereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled
(Title of Invention)

AUTHORITY CHANGING DEVICE, GENERATING DEVICE, AND COMPUTER PROGRAM
PRODUCT

relating to International Patent Application PCT/JP _____ and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

(a) executed on _____; (Insert date of execution of application, if not concurrent)

(b) filed on _____;

Serial No. _____;

Assignee's attorney is hereby authorized to insert in (b) the specified data, when known.

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

1) <u>Kenichiro Furuta</u> (Signature)	<u>Kenichiro FURUTA</u> (Type Name)	<u>Dec. 27, 2012</u> (Date)
2) <u>Satoshi Ito</u> (Signature)	<u>Satoshi ITO</u> (Type Name)	<u>Dec. 27, 2012</u> (Date)
3) _____ (Signature)	<u>Haruhiko TOYAMA</u> (Type Name)	_____ (Date)
4) <u>Hiroshi Isozaki</u> (Signature)	<u>Hiroshi ISOZAKI</u> (Type Name)	<u>Dec. 27, 2012</u> (Date)
5) _____ (Signature)	<u>Toshiaki ASANO</u> (Type Name)	_____ (Date)
6) _____ (Signature)	_____ (Type Name)	_____ (Date)
7) _____ (Signature)	_____ (Type Name)	_____ (Date)
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