

PATENT ASSIGNMENT COVER SHEET

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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>TETSUFUMI TANAMOTO</td> <td>02/04/2014</td> </tr> <tr> <td>TAKAO MARUKAME</td> <td>01/31/2014</td> </tr> <tr> <td>SHINICHI YASUDA</td> <td>02/04/2014</td> </tr> <tr> <td>YUICHIRO MITANI</td> <td>02/04/2014</td> </tr> <tr> <td>ATSUSHI SHIMBO</td> <td>01/30/2014</td> </tr> <tr> <td>TATSUYA KISHI</td> <td>02/04/2014</td> </tr> </tbody> </table>		Name	Execution Date	TETSUFUMI TANAMOTO	02/04/2014	TAKAO MARUKAME	01/31/2014	SHINICHI YASUDA	02/04/2014	YUICHIRO MITANI	02/04/2014	ATSUSHI SHIMBO	01/30/2014	TATSUYA KISHI	02/04/2014
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TATSUYA KISHI	02/04/2014														
RECEIVING PARTY DATA															
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State/Country:	JAPAN														
Postal Code:	105-8001														
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>14190463</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14190463										
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Application Number:	14190463														
CORRESPONDENCE DATA															
Fax Number:	(202)408-4400														
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NAME OF SUBMITTER:	ALICIA L. PELTIER														

PATENT

Signature:	/Alicia L. Peltier/
Date:	02/26/2014
Total Attachments: 4 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif source=Assignment#page4.tif	

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)

**AUTHENTICATION DEVICE, AUTHENTICATION METHOD, 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/hers/their signature(s).

1) Tetsufumi Tanamoto Tetsufumi TANAMOTO Feb. 4, 2014
(Signature) (Type Name) (Date)

2) Takao Marukame Takao MARUKAME Jan. 31, 2014
(Signature) (Type Name) (Date)

3) Shinichi Yasuda Shinichi YASUDA Feb. 4, 2014
(Signature) (Type Name) (Date)

4) Yuichiro Mitani (Signature) Yuichiro MITANI (Type Name) Feb. 4, 2014 (Date)

5) Atsushi Shimbo (Signature) Atsushi SHIMBO (Type Name) Jan. 30, 2014 (Date)

6) _____ (Signature) Tatsuya KISHI (Type Name) _____ (Date)

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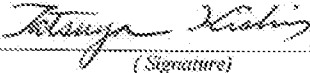
1) **Tetsufumi TANAMOTO**
(Signature) *(Type Name)* *(Date)*

2) **Takao MARUKAME**
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3) **Shinichi YASUDA**
(Signature) *(Type Name)* *(Date)*

4) _____ Yuichiro MITANI _____
(Signature) (Type Name) (Date)

5) _____ Atsushi SHIMBO _____
(Signature) (Type Name) (Date)

6)  Tatsuya KISHI Feb. 4, 2014
(Signature) (Type Name) (Date)