

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>Hiromi Wakaki</td> <td>08/23/2012</td> </tr> <tr> <td>Kazuo Sumita</td> <td>08/23/2012</td> </tr> <tr> <td>Hiroko Fujii</td> <td>08/23/2012</td> </tr> <tr> <td>Masaru Suzuki</td> <td>08/23/2012</td> </tr> <tr> <td>Michiaki Ariga</td> <td>08/23/2012</td> </tr> </tbody> </table>		Name	Execution Date	Hiromi Wakaki	08/23/2012	Kazuo Sumita	08/23/2012	Hiroko Fujii	08/23/2012	Masaru Suzuki	08/23/2012	Michiaki Ariga	08/23/2012
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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>13540048</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13540048								
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Total Attachments: 1 source=ASSIGN475#page1.tif													

OP \$40.00 13540048

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)

INFORMATION RETRIEVING APPARATUS, INFORMATION RETRIEVING METHOD,
AND COMPUTER PROGRAM PRODUCT

relating to International Patent Application PCT/JP2010/050069 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 July 2, 2012,

Serial No. 13 / 540,048;

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>Hiromi Wakaki</u> (Signature)	<u>Hiromi WAKAKI</u> (Type Name)	<u>August 23, 2012</u> (Date)
2)	<u>Kazuo Sumita</u> (Signature)	<u>Kazuo SUMITA</u> (Type Name)	<u>August 23, 2012</u> (Date)
3)	<u>Hiroko Fujii</u> (Signature)	<u>Hiroko FUJII</u> (Type Name)	<u>August 23, 2012</u> (Date)
4)	<u>Masaru Suzuki</u> (Signature)	<u>Masaru SUZUKI</u> (Type Name)	<u>August 23, 2012</u> (Date)
5)	<u>Michiaki Ariga</u> (Signature)	<u>Michiaki ARIGA</u> (Type Name)	<u>August 23, 2012</u> (Date)

PATENT