



03-10-2009

EET



Our Ref.: MJS-4813-43

103551568

To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies):</p> <p>1 Masataka GOTO 5</p> <p>2 Shinya MURAI 6</p> <p>3 Yasuyuki NISHIBAYASHI 7</p> <p>4 Mika MINEMATSU 8</p> <p>Additional name/s of conveying party/ies attached? <input type="checkbox"/></p> <p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger</p> <p><input type="checkbox"/> Security Assignment <input type="checkbox"/> Change of Name</p> <p><input type="checkbox"/> Other _____</p> <p>Execution Date: February 25, 2009</p>	<p>2. Name and address of receiving party(ies):</p> <p>1) Name: KABUSHIKI KAISHA TOSHIBA</p> <p>Street Address: 1-1, Shibaura 1-chome, Minato-ku</p> <p>City: Tokyo</p> <p>State/Country: Japan Zip: 105-8001</p> <p>2) Name _____</p> <p>Street Address: _____</p> <p>City: _____</p> <p>State: _____ Zip: _____</p> <p>Additional name/s & address/es attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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<p>4. Application number(s) or patent number(s): <input type="checkbox"/> This assignment is being filed together with a new application.</p> <p>A. Patent Application No(s).</p> <p>(1) 12/320,212</p> <p>(2) _____</p> <p>(3) _____</p> <p>Additional numbers attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>B. Patent No(s).</p> <p>(1) _____</p> <p>(2) _____</p> <p>(3) _____</p>
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<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: Michael J. Shea</p> <p>Internal Address: _____</p> <p>Street Address: Nixon & Vanderhye P.C.</p> <p>901 North Glebe Road</p> <p>11th Floor</p> <p>City: Arlington State: VA Zip: 22203</p>	<p>6. Total number of applications & patents involved: 1</p> <p>7. Total fee (37 CFR 3.41) \$ 40.00</p> <p><input checked="" type="checkbox"/> Enclosed</p> <p><input type="checkbox"/> Authorized to be charged to deposit account #14-1140</p> <p>8. The Commissioner is hereby authorized to charge any deficiency in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our Account No. 14-1140.</p>
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<p>9. Statements and signature.</p> <p>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</p>		
<p>Michael J. Shea</p> <p>_____ Name of Person Signing</p> <p>Reg. No. 34,725</p>	<p></p> <p>_____ Signature</p>	<p>March 5, 2009</p> <p>_____ Date</p>
<p>Total number of pages including original cover sheet, attachments, and document: [2]</p>		

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

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)

COMMUNICATION DEVICE, 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 21/January/2009 ,

Serial No. 12 / 320,212 ;

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>Masataka Goto</u> (Signature)	<u>Masataka GOTO</u> (Type Name)	<u>February 25, 2009</u> (Date)
2) <u>Shinya Murai</u> (Signature)	<u>Shinya MURAI</u> (Type Name)	<u>February 25, 2009</u> (Date)
3) <u>Yasuyuki Nishibayashi</u> (Signature)	<u>Yasuyuki NISHIBAYASHI</u> (Type Name)	<u>February 25, 2009</u> (Date)
4) <u>Mika Minematsu</u> (Signature)	<u>Mika MINEMATSU</u> (Type Name)	<u>February 25, 2009</u> (Date)
5) _____ (Signature)	_____ (Type Name)	_____ (Date)