

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
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<table border="1"> <tr> <td>Name:</td> <td>RICOH COMPANY, LIMITED</td> </tr> <tr> <td>Street Address:</td> <td>3-6, Nakamagome 1-chome</td> </tr> <tr> <td>City:</td> <td>Ohta-ku, Tokyo</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>143-8555</td> </tr> </table>		Name:	RICOH COMPANY, LIMITED	Street Address:	3-6, Nakamagome 1-chome	City:	Ohta-ku, Tokyo	State/Country:	JAPAN	Postal Code:	143-8555				
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CORRESPONDENCE DATA															
<p>Fax Number: (703)413-2220</p> <p>Phone: (703) 413-3000</p> <p>Email: jabarca@oblon.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Oblon, Spivak, et al.</p> <p>Address Line 1: 1940 Duke Street</p> <p>Address Line 4: Alexandria, VIRGINIA 22314</p>															
ATTORNEY DOCKET NUMBER:	401551US28														

OP \$40.00 13542139

NAME OF SUBMITTER:

Jessica Abarca

Total Attachments: 2

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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))

RICOH COMPANY, LIMITED

3-6, Nakamagome 1-chome, Ohta-ku, Tokyo 143-8555 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)

MEMORY CONTROL APPARATUS, INFORMATION PROCESSING APPARATUS, AND
MEMORY CONTROL METHOD

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>Satoru Numakura</u> (Signature)	Satoru NUMAKURA (Type Name)	<u>June 30, 2012</u> (Date)
2) _____ (Signature)	Junichi IKEDA (Type Name)	_____ (Date)
3) _____ (Signature)	Mitsuru SUZUKI (Type Name)	_____ (Date)
4) _____ (Signature)	Koji TAKEO (Type Name)	_____ (Date)
5) _____ (Signature)	Tetsuya SATOH (Type Name)	_____ (Date)
6) _____ (Signature)	Hiroyuki TAKAHASHI (Type Name)	_____ (Date)

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1) _____ (Signature)	Satoru NUMAKURA (Type Name)	_____ (Date)
2) <u>Junichi Ikeda</u> (Signature)	Junichi IKEDA (Type Name)	<u>June 26, 2012</u> (Date)
3) <u>Mitsuru Suzuki</u> (Signature)	Mitsuru SUZUKI (Type Name)	<u>June 27, 2012</u> (Date)
4) <u>Koji Takeo</u> (Signature)	Koji TAKEO (Type Name)	<u>June 26, 2012</u> (Date)
5) <u>Tetsuya Satoh</u> (Signature)	Tetsuya SATOH (Type Name)	<u>June 26, 2012</u> (Date)
6) <u>Hiroyuki Takahashi</u> (Signature)	Hiroyuki TAKAHASHI (Type Name)	<u>June 26, 2012</u> (Date)