

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

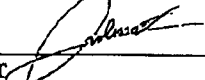
SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Alain VOLMAT</td> <td>12/17/2011</td> </tr> <tr> <td>Shizu KANAUCHI</td> <td>12/28/2011</td> </tr> <tr> <td>Yoshinaga KATO</td> <td>12/19/2011</td> </tr> <tr> <td>Takahiro ASAI</td> <td>12/28/2011</td> </tr> </tbody> </table>		Name	Execution Date	Alain VOLMAT	12/17/2011	Shizu KANAUCHI	12/28/2011	Yoshinaga KATO	12/19/2011	Takahiro ASAI	12/28/2011
Name	Execution Date										
Alain VOLMAT	12/17/2011										
Shizu KANAUCHI	12/28/2011										
Yoshinaga KATO	12/19/2011										
Takahiro ASAI	12/28/2011										
RECEIVING PARTY DATA											
Name:	Ricoh Company, Ltd.										
Street Address:	3-6, Nakamagome 1-chome										
City:	Ohta-ku, Tokyo										
State/Country:	JAPAN										
Postal Code:	143-8555										
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>13344737</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13344737						
Property Type	Number										
Application Number:	13344737										
CORRESPONDENCE DATA											
Fax Number:	(703)413-2220										
Phone:	(703) 413-3000										
Email:	ranegron@oblon.com										
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>											
Correspondent Name:	Oblon, Spivak, et al.										
Address Line 1:	1940 Duke Street										
Address Line 4:	Alexandria, VIRGINIA 22314										
ATTORNEY DOCKET NUMBER:	392590US28										
NAME OF SUBMITTER:	Roberto Negron										
Total Attachments: 6											

OP \$40.00 13344737

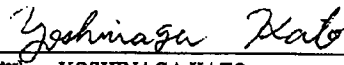
source=392590USAssignment#page1.tif
source=392590USAssignment#page2.tif
source=392590USAssignment#page3.tif
source=392590USAssignment#page4.tif
source=392590USAssignment#page5.tif
source=392590USAssignment#page6.tif

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, L.L.P. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: December 17, 2011 _____
(Signature of Inventor) ALAIN VOLMAT 

Date: _____
(Signature of Inventor) SHIZU KANAUCHI

Date: December 19, 2011 _____
(Signature of Inventor)  YOSHINAGA KATO

Date: _____
(Signature of Inventor) TAKAHIRO ASAI

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, L.L.P.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, L.L.P. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: _____

(Signature of Inventor) ALAIN VOLMAT

Date: December 28, 2011

Shizu Kanauchi
(Signature of Inventor) SHIZU KANAUCHI

Date: _____

(Signature of Inventor) YOSHINAGA KATO

Date: _____

(Signature of Inventor) TAKAHIRO ASAI

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, L.L.P.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314

Assignment of Application

INSERT NAMES
AND RESIDENCE
ADDRESS OF
THE INVENTORS:

WHEREAS, I (WE) ALAIN VOLMAT, SHIZU KANAUCHI, YOSHINAGA KATO, and TAKAHIRO ASAI

of Tokyo, Japan

of Kanagawa, Japan

of Kanagawa, Japan

of Kanagawa, Japan

 _____, respectively,

INSERT TITLE OF
INVENTION:

have invented certain new and useful improvements in: DATA PROCESSING APPARATUS AND COMPUTER-
 READABLE RECORDING MEDIUM

(Application No. _____, filed _____), and

INSERT NAME
AND ADDRESS OF
COMPANY OR
OTHER ASSIGNEE

WHEREAS, RICOH COMPANY, LTD.

(hereinafter referred to as "ASSIGNEE") having a place of business at: 3-6, Nakamagome 1-chome, Ohta-ku, Tokyo
 143-8555, Japan is desirous of acquiring the entire right, title and interest in and to said invention and in and to any
 Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all
 foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby
 acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer
 unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial
 possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which
 may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in
 and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions
 and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the
 assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE,
 its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and
 entirely as the same would have been held by me (us) had this Assignment and sale not been made..

07/09

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, L.L.P. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: _____

(Signature of Inventor) ALAIN VOLMAT

Date: _____

(Signature of Inventor) SHIZU KANAUCHI

Date: _____

(Signature of Inventor) YOSHINAGA KATO

Date: December 28, 2011

(Signature of Inventor) *Takahiro Asai*
TAKAHIRO ASAI

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, L.L.P.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314