

Based on FORM PTO-1595 (Rev. 08/05)
as modified by Blakely, Sokoloff, Taylor & Zafman (wlr) 11/30/2005

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1. Name of conveying party(ies): <u>Xu Liu; Sergey Chemishkian; Jamey Graham; John Barrus; Bradley Rhodes; Kathrin Berkner; Mike Griffin; Jonathan J. Hull</u>		2. Name and address of receiving party(ies): Name: <u>Ricoh Co., Ltd.</u>	
Additional name(s) of conveying party(ies) attached? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes		Internal Address: _____ Street Address: <u>15-5 Minami Aoyama 1-Chome,</u> <u>Minato-Ku</u>	
3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____		City: <u>Tokyo</u> State: <u>Zip: 107-8544</u> Country: <u>Japan</u>	
Execution Date: <u>2/25/2010-2/17/2010-2/11/2010-2/17/2010-</u> <u>2/10/2010-2/16/2010-2/18/2010-2/18/2010</u>		Additional name(s) & address(es) attached? <input type="checkbox"/> No <input type="checkbox"/> Yes	
4. Application number(s) or patent number(s): <input type="checkbox"/> This document is being filed together with a new application.			
A. Patent Application No.(s) <u>12/579,210</u>		B. Patent No.(s)	
Additional numbers attached? <input type="checkbox"/> No <input type="checkbox"/> Yes			
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>Blakely, Sokoloff, Taylor & Zafman LLP</u> Internal Address: _____ Street Address: <u>1279 Oakmead Parkway</u> City: <u>Sunnyvale</u> State: <u>CA</u> ZIP: <u>94085</u> Phone Number: <u>(408) 720-8300</u> Fax Number: <u>(408) 720-8383</u> E-mail Address: <u>michael_mallie@bstz.com</u>		6. Total number of applications and patents involved: <u>1</u>	
		7. Total Fee (37 CFR 3.41).....\$ <u>40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account	
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<u>Michael L. Mallie, Reg. No. 36,591</u> Name of Person Signing		<u>March 19, 2010</u> Date	
		Signature	
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Docket No. 74451P217

700432414

PATENT
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CH \$40.00 022666 12579210

ASSIGNMENT OF PATENT APPLICATION

Attorney Docket No.: 74451.P217

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we, the undersigned,

Xu Liu; Sergey Chemishkian; Jamay Graham; John Barrus; Bradley Rhodes; Kathrin Berkner; Mike Griffin; Jonathan J. Hull

hereby sell, assign, and transfer to

Ricoh Co., Ltd.

A corporation of Japan, having a principal place of business at 15-5 Minami Aoyama 1-Chome, Minato-Ku, Tokyo, 107-8544 Japan ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions or improvements that are disclosed in the application (provisional or non-provisional) for the United States patent which may have a declaration executed by the undersigned prior hereto or concurrently herewith and is entitled

METHODS FOR PRINTING FROM MOBILE DEVICES

said patent application also identified as follows (when known):

[I/we hereby authorize an attorney or agent for said Assignee to insert below the application number and filing date of said patent application when known.]

United States Patent Application Number 12/579,210 filed October 14, 2009

and in and to said application (provisional or non-provisional) and all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions or improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said inventions or improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said inventions or improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said inventions or improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said inventions or improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said inventions or

improvements and for vesting title to said inventions or improvements, and all applications for patents and all patents on said inventions or improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Each Inventor: Please Sign and Date Below:

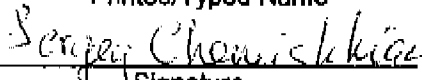
2/25/10, 2010
Date


Signature

Xu Liu

Printed/Typed Name


2/17, 2010
Date


Signature

Sergey Chemishkian

Printed/Typed Name

2/11, 2010
Date


Signature

Jamey Graham

Printed/Typed Name

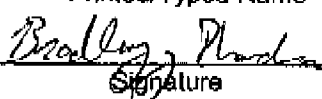
Feb 17, 2010
Date


Signature

John Barrus

Printed/Typed Name

2/10, 2010
Date


Signature

Bradley Rhodes

Printed/Typed Name

2/16, 2010
Date


Signature

Kathrin Berkner

Printed/Typed Name

_____, 20____
Date

Signature

Mike Griffin

Printed/Typed Name

2/18, 2010
Date


Signature

Jonathan J. Hull

Printed/Typed Name

Assignment Document Return Address:
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
1279 Oakmead Parkway
Sunnyvale, CA 94085-4040
(408) 720-8300

ASSIGNMENT OF PATENT APPLICATION

Attorney Docket No.: 74451.P217

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we, the undersigned,

Xu Liu; Sergey Chemishkian; Jamey Graham; John Barrus; Bradley Rhodes; Kathrin Berkner; Mike Griffin; Jonathan J. Hull

hereby sell, assign, and transfer to

Ricoh Co., Ltd.

A corporation of Japan, having a principal place of business at 15-5 Minami Aoyama 1-Chome, Minato-Ku, Tokyo, 107-8544 Japan ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions or improvements that are disclosed in the application (provisional or non-provisional) for the United States patent which may have a declaration executed by the undersigned prior hereto or concurrently herewith and is entitled

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and in and to said application (provisional or non-provisional) and all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions or improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said inventions or improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said inventions or improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said inventions or improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said inventions or improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said inventions or

improvements and for vesting title to said inventions or improvements, and all applications for patents and all patents on said inventions or improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Each Inventor: Please Sign and Date Below:

_____, 20____
Date

Signature

Xu Liu
Printed/Typed Name

_____, 20____
Date

Signature

Sergey Chemishkian
Printed/Typed Name

_____, 20____
Date

Signature

Jamey Graham
Printed/Typed Name

_____, 20____
Date

Signature

John Barrus
Printed/Typed Name

_____, 20____
Date

Signature

Bradley Rhodes
Printed/Typed Name

_____, 20____
Date

Signature

Kathrin Berkner
Printed/Typed Name

18 FEB, 2010
Date


Signature

Mike Griffin
Printed/Typed Name

_____, 20____
Date

Signature

Jonathan J. Hull
Printed/Typed Name

Assignment Document Return Address:

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
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