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Atty. Docket No.: 6164-000372/U Page 1 of

Total Please 103590698 reopy thereof.			SHEET	
1. Name of conveying party(ies): Ferunitsu AZUMA Shingefumi SOGA Takeshi HIRABAYASHI Kentaro FUKAMI Shinji TANOUE Hiroki YOSHIDA Additional name(s) of conveying party(ies) attached? YES	10 the			- -
Street Address: 3-6, Nakamagome 1-chome City: Ohta-ku State: Tokyo Country: JAPAN Postal Code: 143-855 Country: JAPAN Postal Code: 143-855 Country: JAPAN Postal Code: 143-855 Additional name(s) of conveying party(ies) attached? YES NO YES NO Noture of conveyance: Additional name(s) of conveying party(ies) attached? YES NO Other: Execution Date: Jan. 28, 2010; Jan. 28, 2010	Name of conveying party(ies):		d address of rece	eiving party(ies)
City: Ohta-ku State: Tokyo	Terumitsu AZUMA	Name:	RICOH COM	PANY, LIMITED
Kentaro FUKAMI Shinji TANOUE Hiroki YOSHIDA Additional name(s) of conveying party(ies) attached? YES NO Nature of conveyance: Assignment Merger Security Agreement Change of Name Other: Execution Date: Jan. 28, 2010; Jan. 28,	Shigefumi SOGA	Street A	ddress: 3-6, Na	kamagome 1-chome
Shinji TANOUE Hiroki YOSHIDA Additional name(s) of conveying party(ies) attached? YES NO	Takeshi HIRABAYASHI	City: O	hta-ku	State: Tokyo
Shinji TANOUE Hiroki YOSHIDA Additional name(s) of conveying party(ies) attached? YES NO Nature of conveyance:	Kentaro FUKAMI	Country	JAPAN	Postal Code: 143-855
Additional name(s) of conveying party(ies) attached? YES NO No No	Shinji TANOUE			
Additional name(s) of conveying party(ies) attached? YES No Nature of conveyance: Assignment Merger Security Agreement Change of Name Other:	Hiroki YOSHIDA	Addition	nal name(s) & addi	ress(es) attached? YES NO
Assignment			(,	(,
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Execution Date: Jan. 28, 2010; Jan.		ent		
28, 2010; Jan. 28, 2010; Jan. 28, 2010; Jan. 28, 2010; 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: Jan. 28, 2010; A. Patent Application No(s). Additional numbers attached? ☐ YES ☒ NO 5. Name and address of party to whom correspondence concerning document should be mailed: Name: HARNESS, DICKEY & PIERCE, P.L.C. Street Address: P.O. BOX 8910 City: RESTON State: VA ZIP: 20195 Country: USA City: RESTON State: VA ZIP: 20195 Country: USA DO NOT USE THIS SPACE 9. Statement and signature. 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. Donald J. Daley, Reg. No. 34,313 Name of Person Signing/Reg. No. State in the execution date of the application is: Jan. 28, 2010; Ja	<u> </u>			
If this document is being filed together with a new application, the execution date of the application is: Jan. 28, 2010; Jan.	Execution Date: Jan. 28, 2010; Jan. 28, 2010; Ja 28, 2010; Jan. 28, 2010; Jan. 28, 2010; Jan. 28, 2010;	ın.		
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Country: USA 8. Deposit account number: 08-0750 (Attach triplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 9. Statement and signature. 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. Donald J. Daley, Reg. No. 34,313 Name of Person Signing/Reg. No. Signature February 23, 2010 Date	If this document is being filed together with a new applicate 2010; Jan. 28, 2010; Jan. 28, 2010; Jan. 28, 2010 A. Patent Application No(s). Additional number 5. Name and address of party to whom correspondence concerning document should be mailed: Name: HARNESS, DICKEY & PIERCE, P.L.C.	B. Patent 1 ers attached? Y 6. Total N 7. Total fe	No.(s). ES NO D. of applications e (37 C.F.R. § 3.	s/patents involved: One (1)
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DO NOT USE THIS SPACE 9. Statement and signature. 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. Donald J. Daley, Reg. No. 34,313 Name of Person Signing/Reg. No. Signature if paying by deposit account) Donald Space February 23, 2010 Date	If this document is being filed together with a new applicate 2010; Jan. 28, 2010; Jan. 28, 2010; Jan. 28, 2010; Jan. 28, 2010 A. Patent Application No(s). Additional numbers of party to whom correspondence concerning document should be mailed: Name: HARNESS, DICKEY & PIERCE, P.L.C. Street Address: P.O. BOX 8910 City: RESTON State: VA ZIP: 20195	B. Patent	No.(s). ES NO o. of applications e (37 C.F.R. § 3. ed ized to be charge ee attached.	s/patents involved: One (1) 41): \$40.00 ed to deposit account,
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Total number of pages including cover sheet, attachments, and document: 2	If this document is being filed together with a new applica 2010; Jan. 28, 2010; Jan. 28, 2010; Jan. 28, 2010 A. Patent Application No(s). Additional numbers of party to whom correspondence concerning document should be mailed: Name: HARNESS, DICKEY & PIERCE, P.L.C. Street Address: P.O. BOX 8910 City: RESTON State: VA ZIP: 20195 Country: USA DO NO 9. Statement and signature.	B. Patent P ers attached? Y 6. Total N 7. Total fe Enclos Author if no fe 8. Deposit OT USE THIS SPACE	No.(s). ES NO D. of applications e (37 C.F.R. § 3.ed ized to be charge ee attached. account number (Attach tripli if paying b	s/patents involved: One (1) 41): \$40.00 ed to deposit account, : 08-0750 cate copy of this page by deposit account)
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PATENT

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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, TOKY	O 143-8555 JAPAN
(hereinafter, "ASSIGNEE"), the receipt of which is hereby ackr ASSIGNEE the entire and exclusive right, title and interest to the (Title of Invention)	nowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to the invention entitled
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relating to International Patent Application States was executed on even date herewith or, if not so executed	and/or for which application for Letters Patent of the United
(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 St substitute, reissue or reexamination application based thereon, for including any extensions thereof (collectively, hereinafter, "said	tates granted on said application and any continuation, division, renewal, for the full term or terms for which the said Letters Patent(s) may be granted and 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) Terumitsu Azuma (Signature)	Terumitsu AZUMA	Jan. 28, 2010
(Signature)	(Type Name)	(Date)
2) Shigehuni Soga. (Signature)	Shigefumi SOGA	Jan. 28, 2010
(Signature)	(Type Name)	(Date)
3) Takeshi Hirobayashi (Signature)	Takeshi HIRABAYASHI	Jan. 28, 2010
(Signature)	(Type Name)	(Date)
4) Kentaro Fukami	Kentaro FUKAMI	Jan. 28, 2010
(Signature)	(Type Name)	(Date)
5) Shinji Tanena	Shinji TANOUE	Jan. 28, 2010
(Signature)	(Type Name)	(Date)
6) Hiroki Yoshida	Hiroki YOSHIDA	Jan. 28, 2010
(Signature)	(Type Name)	(Date)

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RECORDED: 02/23/2010