IAPO1Rec'd PGT 07 SEP 2011 U.S. DEPARTMENT OF COMMERCE Form PTO-1595 (Rev 09/09/2011 OMB No. 0651-0027 (exp. 02/28/: SHEET 13/138573 103632445 To the Director of the U.S. tached documents or the new address(es) below. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies) Hiroshi Kubo (08/11/2011), Takashi Fujii Ricoh Company, Limited (08/11/2011), Yasuo Kosuga (08/11/2011), Tatsuaki Nagano (08/11/2011), Internal Address: Additional name(s) of conveying party(ies) attached? Street Address: 3. Nature of conveyance/Execution Date(s): 3-6, Nakamagome 1-chome Ohta-ku, Tokyo Execution Date(s): in parentheses after inventor name 143-8555 **JAPAN** x Assignment Merger Change of Name Joint Research Agreement Security Agreement City: Government Interest Assignment State: Executive Order 9424, Confirmatory License Zip: Country: Additional name(s) & address(es) Yes Other attached? 4. Application or patent number(s): x This document is being filed together with a new application. A. Patent Application No.(s) B. Patent No.(s) This application Additional numbers attached? x Yes 5. Name and address to whom correspondence 6. Total number of applications and 1 concerning document should be mailed: patents involved: John A. Castellano HARNESS, DICKEY & PIERCE, P.L.C. 7. Total fee (37 CFR 1.21(h) & 3.41) 40.00 Internal Address: Atty. Dkt.: 6164-000551/US/NP Street Address: P.O. Box 8910 Authorized to be charged to deposit account Enclosed None required (government interest not affecting title) City: Reston 8. Payment Information 20195 Zip: State: (703) 668-8000 Phone Number: (703) 668-8200 Deposit Account Number Fax Number: Authorized User Name dcmailroom@hdp:com Email Address: 9. Signature: September 7, 2011 Date Signatur John A. Castellano - **3**5,094 Total number of pages including cover sheet, attachments, and documents: Name of Person \$ignin

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RECORDATION FORM COVER SHEET (PTO-1595) (supplemental sheet)				
Additional Conveying Party(ies)/Execution Date(s) (1. Continued):				
Kenichiro Morita (08/11/201	1), and Takeshi Akai (08/1	11/2011)		
Additional Assignees (2	?. Continued):			
Assignee Name: Internal Address: Street Address:				
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Assignee Name: Internal Address: Street Address:				
City:	State:	Country:		
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City:	State:	Country:	Zip:	
Additional Applications Additional Patent Application Numb 4A. Continued:		Additional Patent Numbers 4B. Continued:		
	Additional numbers attached?	Yes X No		

Docket No.: 6164-000551/US/NP

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U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dol Inventor(s) (hereinafter, "ASSIGNOR") by (Insert Name(s) & Address(es) of SISSIGNEE(S)) RICOH COMPANY, LIMITED	tar (\$1.00), and of other good and valuat	le consideration paid to the undersigned
3-6, Nakamagome 1-chome, Ohta-ku, T	okyo 143-8555 Japan	hadrinan distribution of security and the American Select Select Personal production of the desire of the American Select
		ter and the state of the state

(hereinatier, "ASSIGNEE"), the receipt of which is I ASSIGNEE the entire and exclusive right, title and it (Title of hevention).	preby: neknowledged, the undersigned ASSI derest to the invention entitled	
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relating to International Patent Application PCT/IP20 executed on even date herewith or, if not so executed	<u>710/054617</u> and/or for which application for , was:	Letters Patent of the United States was
(n) executed on	Insert date of execution of app	dication, if not concurrent)
(b) filed on	Accipilar's attainer in the	by authorized to bisert in (b) the specified
Serial No	dala, when known.	
and to said application and all Letters Patent(s) of the substitute, reissue of reexamination application based including any extensions thereof (collectively, herein The ASSIGNOR agree(s), when requested by said which the ASSIGNEE may deem necessary, desirable including in the preparation and prosecution of said a reckamination, or public use proceeding and many historication include but not be limited to executing all papers or resimmonly, and obtaining and producing evider	thereon, for the full term or terms for which a filer, "said application(s) and Letters Patent(ASSIGNEE and without charge to but at the or expedient, for securing; maintaining and pplication(s), and the issuance of said Letters ligation or other legal proceeding which may ers, including separate assignments and declared.	he said Letters Patent(s) may be granted and s)"). Texpense of said ASSIGNEE, to do all acts enforcing protection for said invention, Patent(s), in any interference, reissue, arise or be declared in relation to same, such trations, taking all rightful oaths, providing
IN WITNESS WHEREOF, the undersigned inven	ton(s) has (have) offixed his/hei/their signalu	(c) A 4 (1 2 2 1)
1) Diroshi Kulo	Hiroshi KUBO	blugast 11, 2011
n Takashi Fijii	<i>(Tyje Name)</i> Takashi FUJII	Quequest = 11,2011
Yasno Kosuga	(Type Name). Yasuo KOSUGA	August 11, 2011 (Dine) August 11, 2011 August 11, 2011
Japoneks hagano	(Type Name) Tatsuaki NAGANO	August 1/20//
(Signature) U	(Type Name) Kenichiro MORITA	august 11,2011
(Signature)	(Type Name)	(Dale)

6) Takeshi akai Takeshi AKAI august 11, 2011
(Signanire) (Type Name) (Date)

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PATENT REEL: 026908 FRAME: 0153

RECORDED: 09/07/2011