Atty Docket No.:

FORM PTO-1595 1-31-92

## 101281127

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Off ec

1. Name of conveying party(ies):	2. Name and address of receiving party(ies):	
Teruyuki MARUYAMA, Masayoshi MIYAMOTO,	Name: RICOH COMPANY, LTD.	
Hiroshi KAKII, Takashi YOSHIKAWA, and Yuichi A	Addres: "3-6, Nakamagome 1-chome, Ohta-ku. 10k	
Additional name(s) of conveying party(ies) attached?	□Yes ■N □	
3. Nature of Conveyance:	FEB 0 1 2000	
■ Assignment □ Merger		
☐ Security Agreement ☐ Change of Name ☐ Other	DEMY . TO KINGE	
Execution Date: September 17, 1999	Additional name(s) and address(es) attached? □Yes ■ N	
4. Application number(s) or patent number(s):		
If this document is being filed together with a new app	lication, the execution date of the application is:	
A. Patent Application No.(s) 09/407,768	B. Patent No.(s)	
Additional r	numbers attached? □Yes ■No	
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total applications and patents involved: 1	
OBLON, SPIVAK, McCLELLAND, MAIER &	7. Total fee (37 CFR 3.41): \$40.00	
NEUSTADT, P.C.	■ Enclosed □ Authorized to be charged to deposit account	
Attorneys at Law Fourth Floor		
1755 Jefferson Davis Highway Arlington, Virginia 22202	8. Deposit account number: 15-0030 (Attach duplicate copy of this page if paying by deposit account)	
DO N	OF MOD WING OD A CE	
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9. Statement and signature		
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9. Statement and signature  To the best of my knowledge and belief, the foregoing of the original document.  Marvin J. Spivak  Name of Person Signing  Pagintration Numbers 24,913	g information is true and correct and any attached copy is a true configuration.  Signature  Surinder Sachar	
9. Statement and signature  To the best of my knowledge and belief, the foregoing of the original document.  Marvin J. Spivak  Name of Person Signing  Pagintration Numbers 24,913	g information is true and correct and any attached copy is a true consider the surinder Sachar egistration No. 34,423	
9. Statement and signature  To the best of my knowledge and belief, the foregoing of the original document.  Marvin J. Spivak  Name of Person Signing  Registration Number: 24,913	g information is true and correct and any attached copy is a true consider the surinder Sachar egistration No. 34,423	
9. Statement and signature  To the best of my knowledge and belief, the foregoing of the original document.  Marvin J. Spivak  Name of Person Signing  Registration Number: 24,913  Rotal number of pages inc	g information is true and correct and any attached copy is a true configuration.  Signature  Surinder Sachar egistration No. 34,423	
9. Statement and signature  To the best of my knowledge and belief, the foregoing of the original document.  Marvin J. Spivak  Name of Person Signing  Registration Number: 24,913  Rotal number of pages inc	Signature Surinder Sachar egistration No. 34,423 cluding this cover sheet:  3 information is true and correct and any attached copy is a true condition.  Date  Date  Surinder Sachar egistration No. 34,423 cluding this portion	
9. Statement and signature  To the best of my knowledge and belief, the foregoing of the original document.  Marvin J. Spivak  Name of Person Signing  Registration Number: 24,913  Total number of pages inc  Do note that the foregoing of the original documents to be recorded with required cover she commissions.	Signature Surinder Sachar egistration No. 34,423 cluding this cover sheet:  3 Interpretation of the specific o	

**PATENT REEL: 010577 FRAME: 0376** 

## Assignment Of Application

Page 1 of 2

	WHEREAS, I (WE) TERUYUKI MARUYAMA, MASAYOSHI MIYAMOTO,				
INSERT NAMES	HIROSHI KAKII, TAKASHI YOSHIKAWA and YUICHI ARAUMI				
AND RESIDENCE ADDRESSES OF THE INVENTORS:					
	of Kanagawa, Japan,				
	Kanagawa, Japan, Tokyo, Japan,				
	Kanagawa, Japan and				
	Kanagawa, Japan				
	, respectively,				
INSERT TITLE OF INVENTION:	have invented certain new and useful improvements in:FILING SYSTEM WHICH PROVIDES				
	INCREASED AVAILABILITY OF IMAGE DATA STORED THEREIN				
INSERT DATE IN- VENTORS SIGNED DECLARATION:	for which an application for Letters Patent was executed on September 17, 1999				
	(Application No09/407,768, filedSeptember 29, 1999), 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.

1/95

PATENT REEL: 010577 FRAME: 0377

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.

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, P.C. of Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202 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: September 17, 1999	Jerusseki Marugama (Signature of Inventor) TERUYUKI MARUYAMA		
	(Signature of Inventor)	TERUYUKI MARUYAMA	
Date: September 17 1797	Prasayoch	Myumole MASAYOSHI MIYAMOTO	
Date: - September 17 1974	(Signature of Inventor)  HIROSHI KAKII		
<i>'</i>	(Signature of Inventor)	HIROSHI KAKII	
Date: September, 17, 199	Tapashi &	Toshikawa	
	(Signature of Inventor)	TAKASHI YOSHIKAWA	
Date: September 11. 1999	Juich:	Armi YUICHI ARAUMI	
	(Signature of Inventor)	YUICHI ARAUMI	
Date:			
	(Signature of Inventor)		
Date:			
	(Signature of Inventor)		
Date:			
	(Signature of Inventor)		

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.

ATTORNEYS AT LAW FOURTH FLOOR 1755 JEFFERSON DAVIS HIGHWAY ARLINGTON, VIRGINIA 22202

Attest:

Suda Katurana

**REEL: 010577 FRAME: 0378** 

1/95

**RECORDED: 02/01/2000**