Atty Docket No.:

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FORM PTO-1595 1-31-92

PATENTS ONLY

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To the Honorable Commissioner of Patents and Trademarks. Plea	se record the attached original documents or copy thereof.				
1. Name of conveying party(ies): 2 - 14. 22 Akio WATANABE; Ryoichi IMAI and Hirotoshi KATOH	Name and address of receiving party(ies): Name: RICOH COMPANY, LTD. Address: 1-3-6, Nakamagome, Ohta-ku, Talana 143, 8555, IABAN,				
Additional name(s) of conveying party(ies) attached? □Yes ■No 3. Nature of Conveyance:	Tokyo 143-8555, JAPAN				
■ Assignment □ Merger □ Security Agreement □ Change of Name □ Other					
January 31, 2002, February 1, 1, Execution Date: 2002	Additional name(s) and address(es) attached? □Yes ■No				
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:					
A. Patent Application No.(s) 10/015,899	B. Patent No.(s)				
Additional numbers att	ached? □Yes ■No				
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total applications and patents involved: 1				
	7. Total fee (37 CFR 3.41): \$40.00 ■ Enclosed □ Authorized to be charged to deposit account				
22850	8. Deposit account number: 15-0030 (Attach duplicate copy of this page if paying by deposit account)				
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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. Marvin J. Spivak Signature Date Date					
Marvin J. Spivak Name of Person Signing	Signature Date				
Registration Number: 24,913 Joseph A. Scafetta, Jr. Registration No. 26,803 Total number of pages including this cover sheet: 3					
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Box Assignments

Washington, D.C. 20231

PATENT REEL: 012591 FRAME: 0965

Assignment of Application

Page 1 of 2

	WHEREAS, I (WE) Akio WATANABE, Yokohama-shi, Kanagawa-ken, JAPAN
ERT NAMES	Ryoichi IMAI, Yokohama-shi, Kanagawa-ken, JAPAN
D RESIDENCE DRESS OF E INVENTORS:	Hirotoshi KATOH, Yokohama-shi, Kanagawa-ken, JAPAN
	, respectively,
ERT TITLE INVENTION	have invented certain new and useful improvements in: PROCESSING SYSTEM AND METHOD USING
	RECOMBINABLE SOFTWARE
ERT DATE IN- NTORS SIGNED CLARATION:	for which an application for Letters Patent was executed on
	(Application No
ERT NAME D ADDRESS OF MPANY OR HER ASSIGNEE	WHEREAS, Ricoh Company, Ltd.
	(hereinafter referred to as "ASSIGNEE") having a place of business at: 1-3-6, Nakamagome, 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, assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, assigned in the same would be as a supplied of the same would be as a supplied of the same would have been held by me (us) had this Assignment and sale not been made.

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PATENT REEL: 012591 FRAME: 0966 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:	Junary 31. 2002	(Signature of Inventor)	Untanalu Akio WATANABE
Date:	February 1 2002	Ryoichi (Signature of Inventor)	Imai Ryoichi IMAI
Date:	February 1 2002 Feb 1.2002	Hirotishi (Signature of Inventor)	Katoh
Date:		(Signature of Inventor)	
Date:		(Signature of Inventor)	
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

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PATENT REEL: 012591 FRAME: 0967

RECORDED: 02/14/2002