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FORM PTO-1595 PENTA TRADEN 101083761 1-31-92 **DOCKET NO. 0557-4608-2**

To the Honorable Commissioner of Patents and Trademarks. Plea	ise record the attached original documents or copy thereof.
1. Name of conveying party(ies): Seiji SAITOH Additional name(s) of conveying party(ies) attached? ☐ Yes ► No 3. Nature of Conveyance: Assignment ☐ Security Agreement ☐ Other ☐ Execution Date May 6, 1999	Name and address of receiving party(ies): Name: RICOH COMPANY, LTD. Address: 3-6, 1-chome, Nakamagome, Ohta-ku, Tokyo, JAPAN Additional name(s) & 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	ne execution date of the application is:
A. Patent Application No.(s)	B. Patent No.(s)
09/287,195	
Additional numbers a	ttached? □ Yes ⊠ No
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C. Attorneys at Law Fourth Floor 1755 Jefferson Davis Highway Arlington, Virginia 22202	7. Total fee (37 CFR 3.41):\$ 40.00 ☐ Enclosed ☐ Authorized to be charged to deposit account 8. Deposit account number: 15-0030 (Attach duplicate copy of this page if paying by deposit account)
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9. Statement and signature. To the best of my knowledge and belief, the foregoing information is to of the original document. Marvin J. Spivak Name of Person Signing Registration No. 24,913 Registration Number 1	Sinuse Date
OMB No. 0651-0011 (exp. 4/94) Do not detach	this portion
Mail documents to be recorded with required over sheet information	·
/1999 NTHAI1 00000148 09287195 Commissioner of Paten Box Assign Washington, D.	nments
Public burden reporting for this sample cover sheet is estimated to including time for reviewing the document and gathering the dasheet. Send comments regarding this burden estimate to the Systems, PK2-1000C, Washington, D.C. 20231, and to the Project, (0651-0011), Washington, D.C. 20503	ta needed, and completing and reviewing the sample cover e U.S. Patent and Trademark Office. Office of Information

PATENT REEL: 010059 FRAME: 0182

Assignment Of Application

, respectively		
ave invented certain new and useful improvements in: METHOD, SYSTEM, AND COMPUT		
EADABLE MEDIUM FOR AN AUTOMATIC COMPONENT REPLACEMENT DETECTING FUNCTION		
DESTRUCTION TO TOTAL TOT		
for which an application for Letters Patent was executed on		
Application No. 09/287,195 , filed April 6, 1999), and		
WHEREAS, Ricoh Company, Ltd.		
nereinafter referred to as "ASSIGNEE") having a place of business at:		
3-6, 1-chome, Nakamagome, Ohta-ku, Tokyo, Japan		
desirous of acquiring the entire right, title and interest in and to said invention and in and to any etters Patent that may be granted therefore in the United States and its territorial possessions and in		
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NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the

NOW, IHEREFORE, 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.

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PATENT REEL: 010059 FRAME: 0183

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:	May 6, 1999	Seiji SAITOH (Signature of Inventor) Seiji SAITOH
		(Signature of Inventor) Seiji SAITOH
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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RECORDED: 06/30/1999

PATENT