5244-060-2 Atty Docket No.:



U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks. Pleas	e record the attached original documents or copy thereof.		
1. Name of conveying party(ies): Ricoh Corporation Additional name(s) of conveying party(ies) attached were ■ No 3. Nature of Conveyance: ■ Assignment □ Merger	Name and address of receiving party(ies): Name: Ricoh Company, Ltd. Address: 1-15-5, Minami Aoyama, Minato-ku Tokyo 107, Japan		
□ Security Agreement □ Change of Name □ Other Execution Date: October 8, 1998	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) .	B. Patent No.(s)		
08/856,183			
Additional numbers attached? □Yes ■ No			
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total applications and patents involved:		
OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C. Attorneys at Law	7. Total fee (37 CFR 3.41): \$40.00 ■ Enclosed □ Authorized to be charged to deposit account		
Fourth Floor 1755 Jefferson Davis Highway Arlington, Virginia 22202	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 of the original document.	on is afted and correct and any attached copy is a true copy		
Gregory J. Maier	October 19, 1998		
Name of Person Signing Registration Number: 25,599 Registration Number 34,648 Contract of Person Signing Signature Date Signature Date Registration Number 34,648			
Total number of pages including this of	cover sheet: 3		
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PATENT REEL: 9533 FRAME: 0388

ASSIGNMENT

WHEREAS, RICOH COMPANY, LTD. and RICOH CORPORATION having places of business at: 1-15-5, Minami Aoyama, Minato-ku, Tokyo 107, JAPAN and 3001 Orchard Parkway, San Jose, California 95134-2088, are the co-owners, by assignment, of the full and exclusive right to the following non-provisional application for Letters Patent of the United States of America and the following PCT application 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:

APPLICATIONS

Serial Number	Filing Date	Attorney Docket No.
08/856,183	May 14, 1997	5244-060-2
PCT/US97/07649	May 14, 1997	5244-061-2 PCT

WHEREAS, RICOH COMPANY, LTD. is desirous of acquiring the entire right, title and interest in and to said Applications and the inventions described therein;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00) and other valuable consideration, the receipt of which is hereby acknowledged, RICOH CORPORATION by these presents do sell, assign, and transfer unto RICOH COMPANY, LTD. the full and exclusive right to said Applications in the United States and its territorial possessions and in all foreign countries and the entire right, title, 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.

RICOH CORPORATION hereby authorizes and requests 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 RICOH COMPANY, LTD. as the assignee of the entire right, title and interest in and to the same, for the sole use and behoof of RICOH COMPANY, LTD., its 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 us had this Assignment and sale not been made.

The undersigned hereby grants 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.

IN TESTIMONY WHEREOF, **RICOH CORPORATION** has caused these presents to be signed by its officer thereunto duly authorized.

RICOH CORPORATION

Date: OCTOBER 8. 1998

Name: Kazuyaki Baba

Title: Pres., Research & Development Group

Ricoh Corporation

RICOH CORPORATION
Systems Research & Development Group
3001 Orchard Parkway
San Jose, California 95134

RECORDED: 10/23/1998