01-21-2004

U.S. DEPARTMENT OF COMMERCE FORM **PTO-1595** Patent and Trademark Office (Rev. 10/02) OMD No. 0651-0011 (exp. 6/30/2005) 102650540 To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): John W. Barrus 1-16-04 Name: Ricoh Co., Ltd. Internal Address: Additional name(s) of conveying party(ies) attached? Street Address: 15-5 Minami Aoyama 1-Chome, No ☐ Yes Minato-Ku 3. Nature of Conveyance: ★ Assignment ☐ Merger City: Tokyo State: Zip: 107-8544 ☐ Security Agreement ☐ Change of Name □ Other Country: Japan Execution Date: 1/7/2004 Additional name(s)& address(es) attached? X No Yes 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: B. Patent No.(s) A. Patent Application No.(s) 10/629,245 Additional numbers attached? 🛛 No 🔲 Yes 6. Total number of applications and patents involved: Name and address of party to whom correspondence concerning document should be mailed: Name: Blakely, Sokoloff, Taylor & Zafman LLP 7. Total Fee (37 CFR 3.41).....\$ 40.00 Internal Address: Authorized to be charged to deposit account 12400 Wilshire Boulevard Street Address: 7th Floor 8. Deposit Account Number: 02-2666 City: Los Angeles State: CA ZIP: 90025 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document

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Director of the US Patent and Trademark Office

P.O. Box 1450 Alexandria, VA 22313-1450

Docket No. 74451P158

Michael J. Mallie

Name of Person Signing

40.00 DP

Attorney's Docket No.: 74451P158

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned:

John W. Barrus

hereby sell, assign, and transfer to:

Ricoh Co., Ltd.

a Corporation of Japan, having a principal place of business at 15-5 Minami Aoyama 1-Chome, Minato-Ku, Tokyo, 107-8544 Japan ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions and improvements that are disclosed in the application for the United States patent filed on July 28, 2003, and assigned Application No. 10/629,245 and is entitled:

Automatic Cleanup of Machine Readable Codes During Image Processing

and in and to said application and all design, utility, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions and improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all foreign countries on said inventions and improvements; and in and to all rights of priority from the filing of said United States applications;

agree that said Assignee may apply for and receive a patent or patents for said inventions and improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all design, utility, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and all other patent applications on any and all said inventions and improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and legal representatives all facts known to the undersigned relating to said inventions and improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or legal representatives in securing and maintaining proper patent protection for said inventions and improvements and for vesting title to said inventions and improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

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PATENT REEL: 014886 FRAME: 0665 covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Each Inventor: Please Sign and Date Below:

Jan 7, 7 Date	Name John W. Barrus
	Name:
Date	Name:
 Date	Name:

Assignment Document Return Address:
Blakely, Sokoloff, Taylor & Zafman LLP
12400 Wilshire Boulevard, 7th Floor
Los Angeles, CA 90025
Telephone: (408) 720-8300

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