FORM PTO-1595 R	18-2003 S. DEPARTMENT OF COM Patent and Trademar 2626264
To the Honorable Commissioner of Patents and Trademarks. Pl 1. Name of conveying party(ies): Martin Boliek; Kok G. Wu; Michael Gormish N2.16.03	 lease record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): Name: <u>Ricoh Co., Ltd.</u>
Additional name(s) of conveying party(ies) attached?	Internal Address:
3. Nature of Conveyance: ☑ Assignment □ Merger □ Security Agreement □ Change of Name □ Other	Minato-Ku City: Tokyo State: Zip: 107-8544 Country: Japan Additional name(s)& address(es) attached? X
 Application number(s) or patent number(s): If this document is being filed together with a new applicat 	
A. Patent Application No.(s) 10/610,837	B. Patent No.(s)
	attached? ⊠ No □ Yes
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved
Name: Blakely, Sokoloff, Taylor & Zafman LLP Internal Address:	7. Total Fee (37 CFR 3.41)\$ 40.00 ⊠ Enclosed □ Authorized to be charged to deposit account
Street Address: 12400 Wilshire Boulevard 7th Floor	8. Deposit Account Number:
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 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 o
Michael J. Mallie	12/10/03
Name of Person Signing	Signature Date
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ť	PATENT

REEL: 014787 FRAME: 0991

Attorney's Docket No.: 74451P153

ASSIGNMENT

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

Martin Boliek; Kok G. Wu; Michael Gormish

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 that has been executed by the undersigned prior hereto or concurrently herewith on the dates indicated below and is entitled:

Compression for Segmented Images and Other Types of Sideband Information

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 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, in said Assignee, its successors, assigns, and legal applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

74451P153

Page 1 of 2

PATENT REEL: 014787 FRAME: 0992 covenant with said Assignce, 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:

5 Dec 03	Mat N
Date	Name: Martin Boliek
Dec 8, 2003	Kolyi M
Date	Name: Kok G. Wu
5 Pec 2003	nin in
Date	Name: Michael Gormish
Date	Name:
Datc	Name:
Date	Name;
	Assignment Document Return Address: BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP 1279 Oakmead Parkway Sunnyvale, CA 94085 Telephone: (408) 720-8300

74451P153

Page 2 of 2

RECORDED: 12/16/2003