

FORM PTO-1595 (Rev. 10/02) OMD No. 0651-0011 (exp. 6/30/2005) **Recordation Form Cover Sheet PATENTS ONLY** U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies): Edward L. Schwartz; Kathrin Berkner</p> <p>Additional name(s) of conveying party(ies) attached? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes</p>	<p>2. Name and address of receiving party(ies): Name: Ricoh Co., Ltd.</p> <p>Internal Address: _____</p> <p>Street Address: 15-5 Minami Aoyama 1-Chome, Minato-Ku</p> <p>City: Tokyo State: _____ Zip: 107-8544</p> <p>Country: Japan</p> <p>Additional name(s) & address(es) attached? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes</p>
<p>3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____</p> <p>Execution Date: November 5, 2004</p>	

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: _____


<p>A. Patent Application No.(s) 10/927,323</p>	<p>B. Patent No.(s) _____ _____ _____ _____</p>
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Additional numbers attached? No Yes

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: Blakely, Sokoloff, Taylor & Zafman LLP</p> <p>Internal Address: _____</p> <p>Street Address: 12400 Wilshire Boulevard 7th Floor</p> <p>City: Los Angeles State: CA ZIP: 90025</p>	<p>6. Total number of applications and patents involved: 1</p> <p>7. Total Fee (37 CFR 3.41).....\$ 40.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account</p> <p>8. Deposit Account Number: 02-2666 (Attach duplicate copy of this page if paying by deposit account)</p>
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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.

Michael J. Mallie _____  _____ **December 13, 2004**
Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and document: **3**

Mail documents to be recorded with required cover sheet information to:
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Docket No. 74451P166

700138121

PATENT REEL: 015453 FRAME: 0027

CH \$40.00 022666 10927323

Attorney's Docket No.: 74451P166

ASSIGNMENT

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

Edward L. Schwartz; Kathrin Berkner

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 August 25, 2004, and assigned Application No. 10/927,323 and is entitled:

MULTI-RESOLUTION SEGMENTATION AND FILL

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, power 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

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:

5 November 2004 
Date Name: **Edward L. Schwartz**

5 November 2004 
Date Name: **Kathrin Berkner**

Date Name:

Date Name:

Date Name:

Date Name:

Date Name:

Date Name:

Date Name:

Date Name:

Date Name:

Assignment Document Return Address:
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