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09-27-2005



DEPARTMENT OF COMMERCE
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OMD No. 0651-0011 (exp. 6/30/2005)	IIII IIII IIII IIII IIII IIII IIII II
To the Honorable Commissioner of Patents and Trademarks. Plea	•
Name of conveying party(ies): Kathrin Berkner	Name and address of receiving party(ies): Name: Ricoh Co., Ltd.
Additional name(s) of conveying party(ies) attached? ☑ No ☐ Yes 3. Nature of Conveyance: ☑ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name	Internal Address: Street Address: 15-5 Minami Aoyama 1-Chome, Minato-Ku City: Tokyo State: Zip: 107-8544
Cother Execution Date: 09/15/2005	
4. Application number(s) or patent number(s): If this document is being filed together with a new application	on, the execution date of the application is:
A. Patent Application No.(s)	B. Patent No.(s)
11/173,766 Additional numbers at	tached? ☑ No ☐ Yes
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	7. Total Fee (37 CFR 3.41)\$ 40.00
Internal Address: Street Address: 12400 Wilshire Boulevard	
7th Floor City: Los Angeles State: CA ZIP: 90025	8. Deposit Account Number: 02-2666
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Michael J. Mallie	September 20, 2005
Name of Person Signing	Signature Date
Total number of pages including cover s	sheet, attachments, and document: 3

Mail documents to be recorded with required cover sheet information to:
 Mail Stop Assignment Recordation Services
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 P.O. Box 1450
 Alexandria, VA 22313-1450

Docket No. 74451P180

Attorney's Docket No.: 74451P180

ASSIGNMENT

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

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 June 30, 2005, and assigned Application No. 11/173,766 and is entitled:

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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

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PATENT REEL: 017009 FRAME: 0715 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:

Sept 15, 200. Date	Name: Kathrin Berkner
Date	Name:
Pata	Nama

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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