

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Susumu MONMA</td><td>08/02/2007</td></tr><tr><td>Yasuyuki SHIBAYAMA</td><td>08/02/2007</td></tr><tr><td>Keiji KATAOKA</td><td>08/02/2007</td></tr></tbody></table>	Name	Execution Date	Susumu MONMA	08/02/2007	Yasuyuki SHIBAYAMA	08/02/2007	Keiji KATAOKA	08/02/2007	
Name	Execution Date								
Susumu MONMA	08/02/2007								
Yasuyuki SHIBAYAMA	08/02/2007								
Keiji KATAOKA	08/02/2007								
RECEIVING PARTY DATA									
Name:	RICOH PRINTING SYSTEMS, LTD.								
Street Address:	15-1, Konan 2-chome, Minato-k								
City:	Tokyo								
State/Country:	JAPAN								
PROPERTY NUMBERS Total: 1									
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11836301</td></tr></tbody></table>	Property Type	Number	Application Number:	11836301					
Property Type	Number								
Application Number:	11836301								
CORRESPONDENCE DATA									
Fax Number:	(703)312-6666								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	7033126600								
Email:	svannarath@antonelli.com								
Correspondent Name:	Melvin Kraus								
Address Line 1:	1300 N. 17th Street, Suite 1800								
Address Line 4:	Arlington, VIRGINIA 22209								
ATTORNEY DOCKET NUMBER:	520.47872X00								
NAME OF SUBMITTER:	Melvin Kraus								
Total Attachments: 2 source=47872X00ASNCOV#page1.tif source=47872X00ASN#page1.tif									

OP \$40.00 11836301

500337457

PATENT
REEL: 019715 FRAME: 0642

PATENTS ONLY

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

1. Name of conveying party(ies):

Susumu MONMA
Yasuyuki SHIBAYAMA
Keiji KATAOKA

2. Name and address of receiving party(ies)

Name: RICOH PRINTING SYSTEMS, LTD.

Street Address: 15-1, Konan 2-chome, Minato-ku,
Tokyo JapanAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance/ Execution Date: August 2, 2007.

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Joint Research Agreement☐ Government Interest Assignment☐ Executive Order 9424, Confirmatory License☐ Other .Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

11/836,301

B. Patent Registration No.(s)

Additional number(s) attached ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: ANTONELLI, TERRY, STOUT & KRAUS, LLP

Internal Address:

1300 NORTH 17TH STREET – SUITE 1800

City: ARLINGTON State: VA Zip 22209

Phone Number: (703) 312-6600

Facsimile Number: (703) 312-6666

Email Address: email@antonelli.com

6. Total number of applications and patents involved 1

7. Total fee (37 CFR 3.41)..... \$40.00

☒ Authorized to be charged by credit card☐ Authorized to be charged to deposit account☒ Enclosed☐ None required (government interest not affecting title)

8. Payment Information:

a. Credit Card Last 4 numbers: 1107
Expiration date: 06/10

b. Deposit account number: 01-2135

Authorized User Name: Paul J. Skwierawski

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Melvin Kraus, Reg#22,466

/Melvin Kraus/

08/20/07

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: 2

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

ASSIGNMENT

(譲渡証)

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me citizen of Japan by RICOH PRINTING SYSTEMS, LTD., a corporation organized under the laws of Japan, located at 15-1, Konan 2-chome, Minato-ku, Tokyo Japan, receipt of which is hereby acknowledged I do hereby sell and assign to said RICOH PRINTING SYSTEMS, LTD., its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

MULTI-BEAM GENERATING DEVICE AND OPTICAL RECORDING DEVICE USING THE SAME

invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said RICOH PRINTING SYSTEMS, LTD., its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said RICOH PRINTING SYSTEMS, LTD.

Signed on the date(s) indicated aside signatures:

INVENTOR(S)
(発明者フルネームサイン)

Date Signed
(署名日)

1) <u>Susumu MONMA</u>	<u>Susumu Monma</u>	<u>8/2 / 2007</u>
2) <u>Yasuyuki SHIBAYAMA</u>	<u>Yasuyuki Shibayama</u>	<u>8/2 / 2007</u>
3) <u>Keiji KATAOKA</u>	<u>Keiji Kataoka</u>	<u>8 / 2 / 2007</u>
4) _____	_____	_____
5) _____	_____	_____
6) _____	_____	_____
7) _____	_____	_____
8) _____	_____	_____
9) _____	_____	_____
10) _____	_____	_____

PATENT

RECORDED: 08/20/2007

REEL: 019715 FRAME: 0644