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07-20-2007



U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office

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To the Director of the U.S. Patent and Trademark Office: Please	record the attached documents or the new address(es) below.	
1. Name of conveying party(ies):	Name and address of receiving party(ies)	
Kenzo Tatsumi (06/15/2007), Yoshihiro Kawakami (06/15/2007), Yoshiyuki Shimizu (06/15/2007),	Name: Ricoh Company, Ltd.	
Tomohiro Kubota (06/15/2007),	Internal Address:	
Additional name(s) of conveying party(ies) attached? X Yes No	Street Address:	
3. Nature of conveyance/Execution Date(s): Execution Date(s): in parentheses after inventor name	3-6, Nakamagome 1-chome Ohta-ku, Tokyo 143-8555 JAPAN	
X Assignment Merger Change of Name Security Agreement Joint Research Agreement	City:	
Government Interest Assignment	1	
\ 	State:	
Executive Order 9424, Confirmatory License	Country:Zip:	
Other	Additional name(s) & address(es) Yes X No	
A. Patent Application No.(s) 29/274,435	This document is being filed together with a new application. B. Patent No.(s)	
Additional numbers attached? Yes X No		
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:	
Name: Mark J. Thronson DICKSTEIN SHAPIRO LLP	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00	
Internal Address: Atty. Dkt.: R2178.0146/P146	x Authorized to be charged by credit card	
Street Address: 1825 Eye Street, NW	Authorized to be charged to deposit account	
 AYALEW1 00000042 29274435	Enclosed	
(40.00 OP	None required (government interest not affecting title)	
City: Washington	8. Payment Information	
State: DC Zip: 20006-5403	a. Credit Card Last 4 Numbers 1002	
Phone Number: (202) 420-4742	Expiration Date 01/11	
Fax Number: (202) 420-2201	b. Deposit Account Number	
Email Address: ThronsonM@dicksteinshapiro.com	Authorized User Name	
9. Signature:	July 13, 2007	
Signature	Date	
	Total number of pages including cover 5	
Mark J. Thronson - 33,082 Name of Person Signing	sheet, attachments, and documents:	

DSMDB-2289047v01

(supplemental sheet)				
Additional Convey	/ing Party(ies)/Exec	cution Date(s) (1. Continued):		
Koji Kato (06/15/2007	7), Hirobumi Qoyoshi (0	6/15/2007), and Tomofumi Yoshida	a (06/15/2007)	
Additional Assign	ees (2. Continued):			
Assignee Name:				
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Assignee Name:				
Internal Address:				
Street Address:				
	2	Occuptors	7in:	
City:	State:	Country:	Zip:	
Additional Applica	itions and/or Patent	s (4. Continued):		
Additional Patent Applicati 4A. Continued:	on Numbers	Additional Patent Numbers 4B. Continued:		
	Additional numbers	s attached? Yes X N	•	

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Docket No.: R2178.0146/P146

DSMDB-2289047v01

ASSIGNMENT

THIS ASSIGNMENT, by Kenzo Tatsumi, Yoshihiro Kawakami, Yoshiyuki Shimizu, Tomohiro Kubota, Koji Kato, Hirobumi Ooyoshi, and Tomofumi Yoshida (hereinafter referred to as "Assignors"), residing at 6-5-5-403 Sone-higashi-machi, Toyonakashi, Oosaka, Japan; 7-48-202 Ogino, Itami-shi, Hyogo, Japan; 3-8-22-41 Kohda, Ikeda-shi, Oosaka, Japan; 3-8-22-21 Kohda, Ikeda-shi, Oosaka, Japan, respectively; and Kozi Kato, Hirobumi Ooyshi, and Tomofumi Yoshida being c/o Ricoh Printing Systems Company, Ltd., 13-1 Himemuro-cho, Ikeda-shi, Oosaka, Japan;

WHEREAS, Assignors have invented certain new and useful improvements in PROCESS CARTRIDGE FOR IMAGE FORMING APPARATUS, set forth in a patent application for Letters Patent of the United States, executed concurrently herewith; and

WHEREAS, Ricoh Company, Ltd. (hereinafter referred to as "Assignee"), having offices at 3-6, Nakamagome 1-chome, Ohta-ku, Tokyo, Japan, is desirous of acquiring the entire right, title and interest in and to said inventions and said application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefor and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and Assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the

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procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors hereby request the Director of the United States Patent and Trademark Office to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document: All practitioners associated with Customer Number 24998 (Dickstein Shapiro LLP).

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

06/15/2007	Henzo Tatsumi
Date	
06/15/2007	yoshihiro Kawakami
Date	
06/15/2007	Yoshiyuki Shimizu
Date	
06/15/2007	Tomohiro Rubota
Date	·
06/15/2007	Koji Kato
Date	

06/15/2007	Hirofumi Doyoshi
Date	
06/15/2007	Fornofuni Joshida
Date	- Vine June 1
Date	Witness
	77.
Date	Witness

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RECORDED: 07/16/2007

PATENT REEL: 019594 FRAME: 0069