To the Please in 103554966. 1. Name of conveying partyle. Hiroya URUTA. Takanori FUJII, Tetsuo ASAKAWA, Eijiro INOUE, Akihiro KAKOI, Yoshinori FURUICHI, Kazuya EZURA, Yoshihiro OGURA and Yoshiaki SATOH Additional name(s) of conveying partyles) attached? YES No Noture of conveyance: YES No Noture of conveyance: Assignment Merger Security Agreement Change of Name Other: Execution Date: 3/24/2009, 3/24/2009, 3/24/2009, 3/24/2009, 3/24/2009, 3/24/2009, 3/24/2009, 3/24/2009, 3/24/2009, 3/24/2009, 3/24/2009, 3/24/2009, 3/24/2009, 3/24/2009 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: A Patent Application number(s): If this document is being filed together with a new application, the execution date of the application is: A Patent Application No(s). 12/320,219	Customer Service Window Randolph Building 401 Dulany Street Alexandria, VA 22314	Page 1 of 1		
103554966 Name: and address of receiving party(ies) Name: RICOH COMPANY, LTD.	1	2009 R SHEET		
Hiroya URUTA, Takanori FUJII, Tetsuo ASAKAWA, Ejijiro INQUE, Akihiro KAKOI, Yoshinori FURUICHI, Kazuya EZURA, Yoshihiro OGURA and Yoshiaki SATOH Additional name(s) of conveying party(ies) attached? ☐ YES ☐ NO 3. Nature of conveyance: ☐ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other: Execution Date: 3/24/2009, 3/24/2009, 3/24/2009, 3/24/2009, 3/24/2009, 3/24/2009, 3/24/2009, 3/24/2009 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: B. Patent No.(s). 12/320,219 Additional numbers attached? ☐ YES ☐ NO 5. Name and address of party to whom correspondence concerning document should be mailed: Name: HARNESS, DICKEY & PIERCE, P.L.C. Street Address: P.O. BOX 8910 City: RESTON State: VA ZIP: 20195 Country: USA Name: RICOH COMPANY, LTD. Street Address: 3-6, Nakamagome 1-chome, Ohta-ku City: Tokyo Country: JAPAN Postal Code: 143-8555 Additional name(s) & address(s) attached? ☐ YES ☐ No Additional name(s) & address(s) attached? ☐ YES ☐ No Additional name(s) & address(s) attached? ☐ YES ☐ No S. Patent No.(s). B. Patent No.(s). B. Patent No.(s). To total fee (37 C.F.R. § 3.41): \$40.00 ☐ Enclosed ☐ Authorized to be charged to deposit account, if no fee attached. S. Deposit account number: 08-0750 ☐ (Attach triplicate copy of this page if paying by deposit account) DO NOT USE TMIS SACE 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 rune copy of the original document. John A. Castellano, Reg. No. 35,094 Name of Ferson Signary/Reg No. Signature To the Additional name(s) & address(s) attached? City: Tokyo Country: JAPAN Additional name(s) & address(se) attached? Deposit account in the recovery of the original document. Street Address: 3-6, Nakamagome 1-chome, Other 143-8555 Additional name(s) & address(s) attached? To the congress of party to whom correct and any attached copy is address of	ricase 1	s of copy thereof.		
Street Address: 3-6, Nakamagome 1-chome, Ohta-ku City: Tokyo Country: JAPAN Postal Code: 143-8555 Additional name(s) & address(es) attached?	1. Name of conveying party(ies. 103554	Name and address of receiving party(ies)		
Tetsuo ASAKAWA, Eijiro INOUE, Akihiro KAKOI, Yoshihrori FURUICHI, Kazuya EZURA, Yoshihiro OGURA and Yoshiaki SATOH Additional name(s) of conveying party(ies) attached?	Hiroya URUTA,	Name: RICOH COMPANY, LTD.		
City: Tokyo Country: JAPAN Postal Code: 143-8555 Country: JAPAN Postal Code: 143-8555 Country: JAPAN Postal Code: 143-8555 Additional name(s) & address(es) attached? YES	Takanori FUJII,	Street Address: 3-6, Nakamagome 1-chome,		
Akihiro KAKOI, Yoshinori FURUICHI, Kazuya EZURA, Yoshihiro OGURA and Yoshiaki SATOH Additional name(s) of conveying party(ies) attached? YES NO 3. Nature of conveyance: Assignment Merger Security Agreement Change of Name Other: Execution Date: 3/24/2009, 3/24/2009, 3/24/2009, 3/24/2009, 3/24/2009, 3/24/2009, 3/24/2009 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: B. Patent No.(s). 12/320,219 Additional numbers attached? YES NO 5. Name and address of party to whom correspondence concerning document should be malled: Name: HARNESS, DICKEY & PIERCE, P.L.C. Street Address: P.O. BOX 8910 City: RESTON State: VA ZIP: 20195 Country: USA DO NOT USE THIS SPACE To the best of my knowledge and beltef, the foregoing information is true and correct and any attached copy is a true copy of the original document. John A. Castellano, Reg. No. 35.094 Name of Person Signing/Reg No. Signature VI TASBET Postal Code: 143-8555 Additional name(s) & address(es) attached? IVES NO Additional name(s) & address(es) attached? IVES NO Additional name(s) & address(es) attached? IVES NO Statement and signature. Do Nort USE THIS SPACE Signature VIII TABBET DABERO OF PASS SIGNO Additional name(s) & address(es) attached? IVES NO Additional name(s) & address(es) attached? IVES NO Additional name(s) & address(es) attached? IVES NO Statement and signature. DO NOT USE THIS SPACE Signature VIII TABBET DABERO OF SIGNO Additional name(s) & address(es) attached? IVES NO Additional name(s) & address(es) attached? IVES NO Additional name(s) & address(es) attached? IVES NO State Address(es) attached? IVES NO Additional name(s) & address(es) attached? IVES NO 6. Total fee (37 C.F.R. § 3.41): \$40.00 Enclosed Authorized to be charged to deposit account. In the state of the application to the	Tetsuo ASAKAWA,	Ohta-ku		
Additional name(s) & address(es) attached? TES NO Noshiski SATOH	Eijiro INOUE,	City: Tokyo		
Additional name(s) & address(es) attached? ☐ YES ☒ NO Yoshihiro OGURA and Yoshiaki SATOH Additional name(s) of conveying party(tes) attached? ☐ YES ☒ NO 3. Nature of conveyance: ☐ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other: Execution Date: 3/24/2009, 3/24/200	Akihiro KAKOI,	Country: JAPAN Postal Code: 143-8555		
Yoshihiro OGURA and Yoshiaki SATOH Additional name(s) of conveying party(ies) attached?	Yoshinori FURUICHI,			
Yoshiaki SATOH Additional name(s) of conveying party(ies) attached? YES	Kazuya EZURA,	Additional name(s) & address(es) attached? YES NO		
Additional name(s) of conveying party(ies) attached? YES NO	Yoshihiro OGURA and			
YES NO	Yoshiaki SATOH			
Change of Name				
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Execution Date: 3/24/2009, 3/24/2		t		
3/24/2009, 3/24/2009 and 3/24/2009 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: A. Patent Application No(s). 12/320,219 Additional numbers attached? YES NO 5. Name and address of party to whom correspondence concerning document should be malled: Name: HARNESS, DICKEY & PIERCE, P.L.C. Street Address: P.O. BOX 8910 City: RESTON State: VA ZIP: 20195 Country: USA Country: USA 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. John A. Castellano, Reg. No. 35,094 Name of Person Signing/Reg. No. Signature Name in the execution date of the application is: B. Patent No.(s). 6. Total No. of applications/patents involved: One (1) 7. Total fee (37 C.F.R. § 3.41): \$40.00 Senciosed Authorized to be charged to deposit account, if no fee attached. 8. Deposit account number: 08-0750 (Attach triplicate copy of this page if paying by deposit account) 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. John A. Castellano, Reg. No. 35,094 Name of Person Signing/Reg. No. Signature 18 PES NO 6. Total No. of applications/patents involved: One (1) 7. Total fee (37 C.F.R. § 3.41): \$40.00 Senciosed Authorized to be charged to deposit account, if no fee attached. 8. Deposit account number: 08-0750 (Attach triplicate copy of this page if paying by deposit account) 8. Deposit account number: 08-0750 (Attach triplicate copy of this page if paying by deposit account) 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is paying by deposit account)	☐ Change of Name ☐ Other:			
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Country: USA 8. Deposit account number: 08-0750 (Attach triplicate copy of this page if paying by deposit account) 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. John A. Castellano, Reg. No. 35,094 Name of Person Signing/Reg. No. Signature 8. Deposit account number: 08-0750 (Attach triplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 9. Statement and signature. 64/62/2669 DRYRNE 66/62/2669 DRYRNE				
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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. John A. Castellano, Reg. No. 35,094 Name of Person Signing/Reg. No. Signature Oct. 1000 0000004 12320219 March 31, 2009 Date 100 0p	DO NOT US	E THIS SPACE		
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John A. Castellano, Reg. No. 35,094 Name of Person Signing/Reg. No. Signature 04/02/2669 DBYRNL 00000664 12326219		dinformation is true and correct and any attached copy is		
Total number of pages including cover sheet, attachments, and document: 4	John A. Castellano, Reg. No. 35,094	34-25-21 2000		
$\mathbf{L} \mathbf{J}$	Total number of pages including cov	er sheet, attachments, and document: 4		

JAC/eyl

PATENT REEL: 022487 FRAME: 0556

ASSIGNMENT

Att'y Dkt. No.:	
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WHEREAS, the undersigned, hereinafter referred to collectively as Assignor, has invented:

IMAGE FORMING APPARATUS, PRINT CONTROL METHOD, AND COMPUTER-READABLE RECORDING MEDIUM STORING PRINT CONTROL PROGRAM

(a)		executed on even date preparatory to filithis Assignment on the same day as hele Power of Attorney);				
(b)		executed on		_,ı	,; 01	•
(c)	\boxtimes	filed on <u>January 22, 2009</u> No. <u>12/320,219</u> ;	 •	and	assigned	Serial
(d)		U.S. Patent No, issued; and				

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy whereof is hereby acknowledged, Assignor by these presents does sell, assign and transfer unto Assignee and its successors in interest, the full and exclusive right, title and interest in the United States of America and all foreign countries, including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, to the said invention as described in the aforesaid application, said application for patent and all Letters Patent therefor to be held and enjoyed by Assignee to the full end of the term for which said Letters Patent are granted and any extensions thereof as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and the right to recover for past infringements of, or liabilities for, any of the rights relating to any of said applications or patents

therein:

resulting therefrom;

Assignor hereby covenants and agrees to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent in the United States and in all foreign countries including, but not limited to, any provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, and as to letters patent any reissue, re-examination, or extension thereof, and for litigation regarding, or for the purpose of protecting title and to the said invention, the United States application for patent, or Letters Patent therefor, and to testify in support thereof, for the benefit of Assignee without further or other compensation than that above set forth;

Assignor hereby covenants that no assignment, sale or agreement or encumbrance has been or will be entered into which would conflict with this Assignment; and

Assignor hereby requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States of America to Assignee, and requests that any official of any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications as aforesaid, to issue said Letters Patent, Utility Model Registration or Inventor's Certificate to Assignee.

The undersigned hereby grant(s) the law firm of Harness, Dickey & Pierce, P.L.C. 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 U.S. Patent and Trademark Office for recordation of this document.

Page 1 of 3

ASSIGNMENT

Att'y Dkt. No.:

Johnson Herto
HIROYA URUTA
March 24, 2009 Dated
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A
Jaleanori Fuju
TAKANORI FUJII
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Tetan Cischena
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Page 2 of 3

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yoshiaki Satok
YOSHIAKI SATOH
March 24, 2009

Dated

Page 3 of 3

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