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401 Dulany Street
Alexandria, VA 22314



Atty. Docket No.: 6164-000189/US Page 1 of 1

| , | Moderation, Williams | | | | | | | |
|---|--|---|---------------------------------|--|--|--|--|--|
| | 06-16-20 | | SHEE | Т | | | | |
| 2 | To t Plea: 1035086 | | d Trader or copy t | | | | | |
| ۱, | 1. Name of conveying party(ies): | 2. Name and a | ddress of | receiving party(ies) | | | | |
| 1 | Yuusuke FURUICHI, | Name: RIC | сон сс | OMPANY, LIMITED | | | | |
| • | Nobuhiko KITA, | Street Address: 3-6, Nakamagome 1-chome | | | | | | |
| ۱. | Ryoh IDEHARA, | City: Ohta-ku State: Tokyo | | | | | | |
| | Kazuyoshi KONDO, | Country: JA | APAN | Postal Code: 143-8555 | | | | |
| 1 | Sei ONUMA, | | | | | | | |
| | Genta HAGIWARA and | Additional name(| (s) & addr | ess(es) attached? TYES NO | | | | |
| 1 | Kaoru TADA. | | | | | | | |
| | Additional name(s) of conveying party(ies) attached? | Name: Ricoh Printing Systems, Ltd. | | ting Systems, Ltd. | | | | |
| | YES NO Nature of conveyance: | Street Addre | ess: 15-1 | Konan 2-chome | | | | |
| | Corrective Assignment previously recorded on Reel/Frame | City: Mina | ito-ku | State: Tokyo | | | | |
| | 020924/0019 on April 29, 2008. Please correct the NOR to reflect the second assignee, and correct the first and seventh assignor's names. | Country: JAPAN Postal Code: 108-6021 | | | | | | |
| Execution Date: 4/17/2008, 4/17/2008, 4/17/2008, 4/17/2008, 4/17/2008, 4/17/2008, 4/17/2008 and 4/14/2008 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: 4/17/2008, 4/17/2008, 4/17/2008, 4/17/2008, 4/17/2008 and 4/14/2008 A. Patent Application No(s). B. Patent No.(s). | | | | | | | | |
| | | | | | | | | |
| } | Additional numbers attac 5. Name and address of party to whom correspondence | | NO NO | and the test of the second sec | | | | |
| | concerning document should be mailed: | L | | ons/patents involved: One (1) 3.41): \$40.00 | | | | |
| | Name: HARNESS, DICKEY & PIERCE, P.L.C. | Enclosed | C.F.K. S | 3 3.41): \$40.00 | | | | |
| | Street Address: P.O. BOX 8910 | <u> </u> | to be cha | arged to deposit account, | | | | |
| | City: RESTON State: VA ZIP: 20195 | if no fee at | tached. | | | | | |
| | Country: USA | 8. Deposit acco | ount numi | ber: <u>08-0750</u> | | | | |
| - | | (| | iplicate copy of this page ng by deposit account) | | | | |
| 1 | DO NOT USE THIS SPACE | | | | | | | |
| | 9. Statement and signature. To the best of my knowledge and belief, the foregoing in copy of the original document. John A. Castellano, #35,094 Name of Person Signing/Reg. No. | | and corr /13/2008 FC:8021 | | | | | |
| | Total number of pages including cov | er sheet, attachme | ents, and | document: | | | | |

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U.S. PTO 12/149212 04/29/2008

Atty. Docket No.: 6164-000189/US Page 1 of 1

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|---|---|
| RECOR | 5-07-2008 |
| to the Honora | 03501284 nereof. |
| Name of conveying party(ies): | 2. Name and address of receiving party(ies) |
| Yuusuke FURUICHI. | Name: RICOH COMPANY, LIMITED |
| Nobuhiko KITA, | Street Address: 3-6, Nakamagome 1-chome |
| Ryoh IDEHARA, | City: Ohta-ku State: Tokyo |
| Kazuyoshi KONDO, | Country: JAPAN Postal Code: 143-8555 |
| Sei ONUMA, | |
| Genta HAGIWARA and | Additional name(s) & address(es) attached? YES NO |
| Kaoru TADA. | |
| Additional name(s) of conveying party(ies) attached? | • |
| ☐ YES 🔯 NO | |
| 3. Nature of conveyance: | |
| Assignment Merger Security Agreement | · |
| Change of Name Other: | ··· |
| Execution Date: 4/17/2008, 4/17/2008, 4/17/2008, 4/17/2008, 4/17/2008, 4/14/2008 and 4/14/2008 4. Application number(s) or patent number(s): | |
| | , the execution date of the application is: 4/17/2008, 4/17/2008, 008 |
| A. Patent Application No(s). | B. Patent No.(s). |
| | |
| Additional numbers at | tached? TYES 188 NO |
| 5. Name and address of party to whom correspondence | 6. Total No. of applications/patents involved: One (1) |
| concerning document should be mailed: | 7. Total fee (37 C.F.R. § 3.41): \$40.00 |
| Name: HARNESS, DICKEY & PIERCE, P.L.C. | ⊠ Enclosed |
| Street Address: P.O. BOX 8910 | Authorized to be charged to deposit account, |
| City: RESTON State: VA ZIP: 20195 | if no fee attached. 8. Deposit account number: 08-0750 |
| Country: USA | |
| | (Attach triplicate copy of this page |
| DO NOT I | if paying by deposit account) SE THIS SPACE |
| 9. Statement and signature. | SI THIS BY |
| | information is the white correct and any attitude to by is a true |
| copy of the original document. | #9.66 OP |
| John A. Castellano, #35,094 Name of Person Signing/Reg. No. | Signature April 29, 2008 Date |
| | |
| Total number of pages including of | over sheet, attachments, and document: |
| 4 | JAC:e) |
| | V JAC.es |

PATENT

REEL: 021150 FRAME: 0123

Atty. Docket No.

WHEREAS, the undersigned, hereinafter referred to collectively as Assignor, has invented:

IMAGE FORMING APPARATUS

for which Assignor is about to make or has made United States or International application for patent

| (a) | K) | this Assignment on the same day as he/she signs the Declaration and Power of Attorney); |
|-----|----|---|
| (b) | | executed on,; or |
| (c) | | filed on, and assigned Serial No or PCT International Application No; |
| (d) | | U.S. Patent No, issued; and |

WHEREAS, RICOH COMPANY, LIMITED, 3-6, Nakamagome 1-chome, Ohta-ku, Tokyo 143-8555 Japan and Ricoh Printing Systems, Ltd., 15-1 Konan 2-chome, Minato-ku, Tokyo 108-6021 Japan, hereinafter referred to as Assignee, is desirous of acquiring an interest therein:

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 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.

| ASSI |
|---------------------------------|
| Yuushke Turuichi |
| Yuusuke FURUICHI |
| April 17, 2008 |
| Dated |
| nobuhika Kita |
| Nobuhiko KITA |
| April 17, 2008 |
| Dated |
| Ryoh Jdeharen Ryoh IDEHARA |
| |
| April 17, 2008 Dated |
| |
| Kazuyoshi Kondo Kazuyoshi KONDO |
| Kazuyošhi KONDO |
| April 17, 2008 |
| Dated |
| Sei Onuma |
| Sei ONUMA |
| April 17, 2008 |
| Dated |
| |
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| Genta HAGIWARA |
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| Dated |
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| Kaoru TADA |

Dated

Page 2 of 2

Atty. Docket No.

WHEREAS, the undersigned, hereinafter referred to collectively as Assignor, has invented:

IMAGE FORMING APPARATUS

for which Assignor is about to make or has made United States or International application for patent

| (a) | executed on even date preparatory to filing (each inventor should sign this Assignment on the same day as he/she signs the Declaration and Power of Attorney); |
|-----|--|
| (b) | executed on,; or |
| (c) | filed on, and assigned Serial No or PCT International Application No; |
| (d) | U.S. Patent No, issued; and |

WHEREAS, RICOH COMPANY, LIMITED, 3-6, Nakamagome 1-chome, Ohta-ku, Tokyo 143-8555 Japan and Ricoh Printing Systems, Ltd., 15-1 Konan 2-chome, Minato-ku, Tokyo 108-6021 Japan, hereinafter referred to as Assignee, is desirous of acquiring an interest therein:

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 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.

| ASSIGN |
|---------------------------------|
| Ynushke Furnichi |
| /uusuke FURUICHI |
| April 17, 2008 |
| Dated |
| nobuhika Kita |
| Nobuhiko KITA |
| April 17, 2008 |
| Dated |
| Ryoh Ideharer Ryoh IDEHARA |
| April 17, 2008 |
| Dated |
| Kazuyoshi Kondo Kazuyoshi KONDO |
| April 17, 2008 |
| Dated |
| Sei Onuma |
| Sei ONUMA |
| April 17, 2008 Dated |
| Dates |
| |
| Genta HAGIWARA |
| Genta HAGIVAIVA |
| Dated |
| |
| |
| Karri TADA |
| Kaoru TADA |

Dated

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Under Secretary of Commerce for Intellectual Property and Director of the United States Patent and Trademark Office

MAY 09, 2008

PTAS

HARNESS, DICKEY, & PIERCE, P.L.C P.O. BOX 8910 RESTON, VA 20195



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REEL/FRAME: 020924/0019

NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER: 6164000189US

ASSIGNOR:

FURIUCHI, YUUSUKE

DOC DATE: 04/17/2008

ASSIGNOR:

KITA, NOBUHIKO

DOC DATE: 04/17/2008

ASSIGNOR:

IDEHARA, RYOH

DOC DATE: 04/17/2008

ASSIGNOR:

KONDO, KAZUYOSHI

DOC DATE: 04/17/2008

ASSIGNOR:

ONUMA, SEI

DOC DATE: 04/17/2008

ASSIGNOR:

HAGIWARA, GENTA

DOC DATE: 04/14/2008

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HARNESS, DICKEY & PIERCE

PATENT

REEL: 021150 FRAME: 0128

020924/0019 PAGE 2

ASSIGNOR:

TADA, KAORA

ASSIGNEE:

RICOH COMPANY, LIMITED 3-6, NAJAMASOME 1-CHROME OHTA-KU, TOKYO, JAPAN 143-8555

SERIAL NUMBER: 12149212

PATENT NUMBER:

TITLE:

SHARON LATIMER, EXAMINER ASSIGNMENT SERVICES BRANCH PUBLIC RECORDS DIVISION

DOC DATE: 04/14/2008

Ricoh Printing Systems 2td.

15-1 Konan 2-chome
Minato-ku Tokyo, JAPAN 100-6026 FILING DATE:

ISSUE DATE:

PATENT REEL: 021150 FRAME: 0129

RECORDED: 06/11/2008