U.S. PTO 12/929467 01/27/2011

|   | 01/2//2011  |  |
|---|---|--|
| Form PTO-1595 (Rev. 01-09)  DMB No. 0851-0027 (exp. 02/28/2009)  O2/02/         | U S. DEPARTMENT OF COMMER United States Patent and Trademark Of         |  |
|   |   |  |
|   | 19 2000 (2018 (181) 2007 (201)  |  |
| To the Director of the U.S. Patent and 10361                                    |   |  |
| 1. Name of conveying party(les):  | 4. Traine and address of receiving party(les)                           |  |
| Munehisa Fuda   | Name: Ricoh Company, Limited  |  |
|   | Internal Address:   |  |
| Additional name(s) of conveying party(les) attached?                            | Street Address:   |  |
| 3. Nature of conveyance/Execution Date(s):                                      | 3-6, Nakamagome 1-chome<br>Ohta-ku, Tokyo<br>JAPAN                      |  |
| Execution Date(s). January 17, 2011   |   |  |
| X Assignment Merger Change of Name  |   |  |
| Security Agreement Joint Research Agreement                                     | City  |  |
| Government Interest Assignment  | City.   |  |
|   | State:  |  |
| Executive Order 9424, Confirmatory License                                      | Country: Zip Zip X No   |  |
| Other Additional name(s) & address(es) Yes X                                    |   |  |
| 4. Application or patent number(s):   | This document is being filed together with a new application.           |  |
| A. Patent Application No.(s)  | B. Patent No.(s)  |  |
| This application  |   |  |
|   |   |  |
| Additional numbers attached   | ? Yes X No  |  |
| . Name and address to whom correspondence concerning document should be mailed: | 6. Total number of applications and patents involved:                   |  |
| Name Donald J. Daley  |   |  |
| HARNESS, DICKEY & PIERCE, P L.C.  | 7. Total fee (37 CFR 1.21(h) & 3 41) \$ 40.00                           |  |
| Internal Address. Atty, Dkt.: 6164-000450/US                                    |   |  |
| Street Address: P.O. Box 8910   | Authorized to be charged to deposit account                             |  |
|   | x Enclosed  |  |
|   | None required (government interest not affecting tit                    |  |
| Doots:  |   |  |
| City. Reston State VA Zip 20195   | 8. Payment Information  |  |
| State VA Zip 20195 Phone Number (703) 668-8030                                  | ·   |  |
| Fax Number. (703) 668-8200  | Deposit Account Number  |  |
| Email Address: dcmailroom@hdp.com   | Authorized User Name  |  |
| ). Signature:   | January 27, 2011  |  |
| Signature   | Date  |  |
| Donald J. Daley - 34,313  | Total number of pages including cover sheet, attachments, and documents |  |
| Name of Person Signing  | Sheet, attackments, and documents                                       |  |
|   | / 01/28/2011 AWDNDAF1 00000034 12929467                                 |  |
|   | 04 FC:8021 46.69 OF   |  |
|   | \   |  |

**PATENT** 

DJD/km

REEL: 025737 FRAME: 0220

## U.S. ASSIGNMENT

| IN CONSIDERATION of the sum of One Do Inventor(s) (hereinafter, "ASSIGNOR") by (Insert Name(s) & Address(es) of ASSIGNEE(S)) RICOH COMPANY, LIMITED  | ollar (\$1.00), and of other good and value   | able consideration paid to the undersigne  |
|--|---|--|
| 3-6, Nakamagome 1-chome, Ohta-l  | ku, Tokyo 143-8555 Japan  |  |
|  |   |  |
| (hereinafter, "ASSIGNEE"), the receipt of which is ASSIGNEE the entire and exclusive right, title and (Title of Invention)   | interest to the invention enlitted  | IGNOR hereby sells, assigns and transfers t  |
| FEEDING DEVICE AND IMAGE F   | ORMING APPARATUS  |  |
| relating to International Patent Application PCT/JP_executed on even date herewith or, if not so executed  | and/or for which applicati  | on for Letters Patent of the United States wa  |
| (a) executed on  | (Insert date of execution of ap   | oplication, if not concurrent)   |
| (b) filed on   |   |  |
| Serial No;   | Assignee's allorney is her data, when lownn.  | eby authorized to insert in (b) the specified  |
| and to said application and all Letters Patent(s) of the substitute, reissue or reevamination application based including any extensions thereof (collectively, herein The ASSIGNOR agree(s), when requested by said which the ASSIGNEE may deem necessary, desirable including in the preparation and prosecution of said a reexamination, or public use proceeding, and in any till acts to include but not be limited to executing all pape symmetric properties. | thereon, for the full term or terms for which after, "said application(s) and Letters Patent ASSIGNEE and without charge to but at the or expedient, for securing, maintaining and pplication(s) and the issuance of said Letters ignation or other legal proceeding which may term include search as a serious search as a search as a serious search as | the said Letters Patent(s) may be granted and (s)").  e expense of said ASSIGNEE, to do all acts enforcing protection for said invention, Patent(s), in any interference, reissue, |
| eviden   | ice   | -  |
| 1) NWINESS WHEREOF, the undersigned invent  1) Funchisa Fuola (Signature)  | or(s) has (have) attixed his/her/their signatu  Munehisa FUDA   | 1  |
|  | (Type Name)   | January 17, 2011 (Base)  |
| 2)(Signature)  | (Type Name)   | (Date)   |
| ( Signature)   | (Type Name)   | (Date)   |
| ( Signature)   | (Type Name)   | (Date)   |
| (Signature)  | (Type Name)   | (Date)   |

**RECORDED: 01/27/2011** 

PATENT REEL: 025737 FRAME: 0221