PATENT ASSIGNMENT

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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

| Name | Execution Date |
|----------------|----------------|
| Mikio MUROSAKI | 03/11/2011 |

RECEIVING PARTY DATA

| Name: | PFU LIMITED | |
|-----------------|-----------------------------|--|
| Street Address: | 98-2, Nu, Unoke, Kahoku-shi | |
| City: | Ishikawa | |
| State/Country: | JAPAN | |
| Postal Code: | 929-1192 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 13051684 |

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ATTORNEY DOCKET NUMBER: 050083-0284

NAME OF SUBMITTER: Stephen A. Becker

Total Attachments: 2

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PATENT REEL: 025984 FRAME: 0274 ICH \$40,00 130516

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| RECORDATION FORM | A COVER SHEET | | | |
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| Docket No.: 050083-0284 PATENTS | ONI V | | | |
| To the Director of the U. S. Patent and Trademark Office: Please i | | | | |
| 1. Name of Conveying Party(ies) | 2. Name and address of receiving party(ies) | | | |
| Mikio MUROSAKI | Name: PFU LIMITED | | | |
| | Internal Address: | | | |
| Additional name(s) of conveying party(ies) attached? \(\subseteq \text{Yes} \subseteq \text{No} \) | | | | |
| 3. Nature of Conveyance/Execution Date(s) | Address: 98-2, Nu, Unoke, Kahoku-shi, Ishikawa 929- | | | |
| | 1192, JAPAN | | | |
| Execution Date(s): March 11, 2011 | | | | |
| ✓ Assignment | | | | |
| 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 or patent number(s): | ☐ This document is being filed together with a new application. | | | |
| A. Patent Application No(s). | B. Patent No(s). | | | |
| | | | | |
| Additional numbers attac | hed? 🗌 Yes 🗎 No | | | |
| 5. Name and address to whom correspondence concerning document should be mailed: | 6. Total number of applications and patents involved: | | | |
| Name: MCDERMOTT WILL & EMERY LLP | 7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00 | | | |
| Internal Address: | Authorized to be charged by credit card | | | |
| mornar radicos. | Authorized to be charged to deposit account | | | |
| Street Address: 600 13th Street, N.W. | Enclosed | | | |
| Street Address. 600 15th Street, N.W. | None required (government interest not affecting title) | | | |
| City: Washington, State: DC Zip: 20005-3096 | 1 Hone required (government interest not directing inter | | | |
| D.C. | | | | |
| Phone Number: 202.756.8000 | 8. Payment Information: | | | |
| Fax Number: 202.756.8087 | | | | |
| Email Address: | a. Credit Card Last 4 Numbers | | | |
| | Expiration Date | | | |
| | b. Deposit Account Number 500417 | | | |
| | Authorized User Name | | | |
| 9. Signature. | 110 | | | |
| Stephen A. Becker 26,527 | bon #646 March 18, 2011 | | | |
| Name and Registration No. of Person Signing Signature Date | | | | |
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PATENT REEL: 025984 FRAME: 0275

U.S. ASSIGNMENT

| IN CONSIDERATION of the sum of One Doll Inventor(s) (hereinafter, "ASSIGNOR") by (Insert Name(s) & Address(es) of ASSIGNEE(S)) PFU LIMITED | lar (\$1.00), and of other good and valuable | e consideration paid to the undersigned | | | |
|---|---|---|--|--|--|
| 98-2, Nu, Unoke, Kahoku-shi, Ishikawa 929-1192, Japan | | | | | |
| | | | | | |
| (hereinafter, "ASSIGNEE"), the receipt of which is it ASSIGNEE the entire and exclusive right, title and it (Title of Invention) IMAGE READING APPARATUS | nereby acknowledged, the undersigned ASSIC nterest to the invention entitled | 3NOR hereby sells, assigns and transfers to | | | |
| relating to International Patent Application PCT/JP_executed on even date herewith or, if not so executed | /and/or for which application | for Letters Patent of the United States was | | | |
| (a) executed on | | lication, if not concurrent) | | | |
| (b) filed on Scrial No; | Assignee's attorney is heredata, when known. | by authorized to insert in (b) the specified | | | |
| and to said application and all Letters Patent(s) of the substitute, reissue or reexamination application based including any extensions thereof (collectively, herein | thereon, for the full term or terms for which the | he said I offers Patentie) may be arouted and | | | |
| The ASSIGNOR agrec(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 light acts to include but not be limited to executing all paps swom testimony, and obtaining and producing eviden | e or expedient, for scouring, maintaining and application(s) and the issuance of said Letters tigation or other legal proceeding which may ers, including separate assignments and decla | enforcing protection for said invention, Patent(s), in any interference, reissue, srise or he declared in relation to same such | | | |
| IN WITNESS WHEREOF, the undersigned inven | tor(s) has (have) affixed his/her/their signatur | c(s). | | | |
| 1) Mikio Murosaki (Signature) | Mikio MUROSAKI | Mar. 11, 2011 | | | |
| | (Type Name) | (Date) | | | |
| 2) (Signature) | (Type Name) | (Date) | | | |
| 3)(Signature) | (Type Name) | (Dats) | | | |
| 4)(Signature) | (Type Name) | ame) (Date) | | | |
| 5)(Signature) | (Type Name) | (Date) | | | |

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