| 04-06-19 | 998 = | | Docket No. | 48,247 |
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| FORM PTO-1595 RE((Rev. 6-93) OMB No. 0651-0011 (exp. 4/94) 1006732 | | SHEET | U.S. DEPARTMENT Patent and T | OF COMMERCE |
| 1006732 | <u> </u> | | | - |
| Name of Conveying Party(ies): | 2. Name and | address of re | ceiving party(ies) | 04839 |
| Yoshinori Urata, Hitoshi Nagahama, Yasuharu Morinishi, Satoshi Ogawa, | Name: Sharp | Kabushiki Ka | aisha | 09/ 09/ |
| Toshihiro Ishida, Tadashi Nakamura, and Takahiro Bito | Street Address: 22-22, Nagaike-cho, Abeno-ku | | | |
| Additional name(s) of conveying party(ies) attached? No | | Usaka 54 | 5, JAPAN | |
| | | | | |
| | City: | Sta | ate:ZIP: | |
| 2000 7 21 00 | Additional name(s) | & address(es) at | ttached? No | |
| 3. Nature of conveyance: MRD 3-26-98 | | | | |
| Assignment | | | | |
| ☐ Security Agreement ☐ Change of Name ☐ Other: | | | | |
| Execution Date: March 12, 1998 | | | | |
| 4. Application number(s) or patent number(s): If this document is being filed together with a new application | n, the execution date | of the application | on is: <u>March 12, 199</u> 8 | 3 |
| A. Patent Application No.(s) | B. Patent N | o.(s) | | |
| 09/048398 | | | | |
| Additional number | l s attached? No | | | |
| 5. Name and address of party to whom correspondence concerning document should be mailed: | 6. No. of appl | lications and/ | or patents involve | ed: <u>1</u> |
| Name: David G. Conlin, Esq. | 7. Total fee (3 | 37 CFR 3.41) | | \$ 40.00 |
| Internal Address: | Enclosed | | | |
| | Authorizat | tion to charge | e deposit account | |
| Street Address: Dike, Bronstein, Roberts, etal., LLP | ☐ Total amo | | | |
| 130 Water Street | ☐ Any fee de | eficiencies tha | at may be due | |
| City: Boston State: MA ZIP: 02109 | 8. Deposit acc | count number | • | |
| 2 FC:581 40.00 @ | (Attach duplicate c | opy of this page | if paying by deposit a | account) |
| DO NOT USE | THIS SPACE | | | |
| 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true as | nd confect and any at | tached conv is a | true conv of the original | inal document |
| ust m | 1 / A | 7 | MAYOLA ZG | 11998 |
| Peter F. Corless, Esq. (33,860) Name and Registration Number of Person Signing Signature | e | | Date | <u> </u> |
| Total number of pages including cover she | et, attachments, | and docume | nt: <u>4</u> | |

REEL: 9059 FRAME: 0782

ASSIGNMENT

| We Yoshinori URATA | , |
|--|--|
| Hitoshi NAGAHAMA | · · · · · · · · · · · · · · · · · · · |
| ard Yasuharu MORINISHI | |
| for good and valuable consideration from SHARP KABI | SHIKI KAISHA |
| having its principal place of business in Osaka. | corporation, |
| having its principal place of business in Osaka, hereinafter called the Assignee, receipt of which is | Japan , |
| sell, assign and transfer unto the Assignee, its succ | necess and assigns, the entire |
| right, title and interest in, to and under an applica | essors and assigns, the entire |
| United Change Coming Ma | tion for Letters Patent of the |
| United States Serial No. , filed on, filed on, | * signed by us |
| for Improvements in TONER, DEVELOPER, AND PROC | ESS FOR PRODUCING THE SAME |
| including all priority rights ensuing therefrom, and therein set forth and described, and any and all lett and of countries foreign thereto which may be granted with the right to apply for such Letters Patent. | ers Patent of the United States |
| And for the above consideration we agree promp its successors or assigns, to execute and deliver wit power of attorney, assignment, application, whether or reissue, or other papers which may be necessary or Assignee, its successors and assigns, the inventions application and all patent rights therein, in the Unforeign thereto. | hout further compensation any riginal, divisional, continuation desirable fully to secure to the and any of them described in said |
| The undergraned handle and (a) it is | · |
| The undersigned hereby grant(s) the law firm | of Dike, Bronstein, Roberts & |
| Cushman 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. |
| | |
| IN WITNESS WHEREOF, I, <u>Yoshinori URATA</u> hand and seal this <u>12th</u> day of <u>March</u> NAGAHAMA, hereunto set my hand and seal 1900, and I. Yosubara MARINICH | h |
| hand and seal this | , hereunto set my |
| 12th day of March | 1998 1, Hitoshi |
| NACAHAMA , NETERITO SEL MY MANA AND SE | |
| 1900 and I Was here MODINITOUT | dies 12th day of March |
| - 90' - 1 Yasunaru Mukumbal | hereunto set my hand and seal |
| this 12th day of March 1998 | hereunto set my hand and seal |
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| this 12th day of March 1998 | hereunto set my hand and seal |
| this 12th day of March 1998 | Joshinori Utata Joshinori Utata Jasuham Dierinishi |
| this 12th day of March , 1998. Commonwealth [State] of | Joshinori Urata joshinori Urata jitasha najshana Jasaham Brerinishi |
| this 12th day of March , 1998. Commonwealth [State] of | Joshinori Urata joshinori Urata jitasha najshana Jasaham Brerinishi |
| Commonwealth [State] ofss. Before me thisday of, who is to me personal | Joshinovi Urata Joshinovi Urata Jasaharu Brevinishi , 19_, personally appeared Ty known, and acknowledged |
| Commonwealth [State] ofss. Before me thisday ofsto me personal | Joshinovi Urata Joshinovi Urata Jasuharu Brevinishi , 19_, personally appeared ly known, and acknowledged |
| Commonwealth [State] ofss. Before me thisday of, who is to me personal | Joshinovi Urata Joshinovi Urata Jasuharu Brevinishi , 19_, personally appeared ly known, and acknowledged |
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*Where the application is assigned before it is filed, and hence has no Serial No., this shall be left blank.

PATENT REEL: 9059 FRAME: 0783

ASSIGNMENT

| We <u>Satoshi OGAWA</u> | |
|--|---|
| Toshihisa ISHIDA | · · · · · · · · · · · · · · · · · · · |
| and Tadashi NAKAMURA | , |
| for good and valuable consideration from SHARP KABU | |
| | e corporation, |
| having its principal place of business in Osaka, | Japan , |
| hereinafter called the Assignee, receipt of which is a sell, assign and transfer unto the Assignee, its succe | ereby acknowledged, do hereby |
| right title and interest in to and under a succe | ssors and assigns, the entire |
| right, title and interest in, to and under an applicat United States Serial No | |
| United States Serial No. , filed on | * signed by us |
| for Improvements in TONER, DEVELOPER, AND PROCES | SS FOR PRODUCING THE SAME |
| including all priority rights ensuing therefrom, and therein set forth and described, and any and all Lette and of countries foreign thereto which may be granted with the right to apply for such Letters Patent. | rs Patent of the United States |
| And for the above consideration we agree prompt its successors or assigns, to execute and deliver with power of attorney, assignment, application, whether or or reissue, or other papers which may be necessary or Assignee, its successors and assigns, the inventions a application and all patent rights therein, in the Uniforeign thereto. | out further compensation any iginal, divisional, continuation desirable fully to secure to the nd any of them described in said |
| The undersigned hereby grant(s) the law firm of Cushman the power to insert on this Assignment which may be necessary or desirable in order to U.S. Patent and Trademark Office for recordation of | any further identification comply with the rules of the |
| Di immora immora - | |
| IN WITNESS WHEREOF, I, Satoshi OGAWA | , hereunto set my |
| hand and seal this 12th day of March | , 19 <u>98</u> I, Toshihisa |
| ISHIDA , hereunto set my hand and sea | this 12th day of March |
| Tadashi NAKAMURA | mereunto set my hand and seal |
| this 12th day of March , 1998. | |
| | Antirdu Oyawa |
| • | ST. Dr. Oall |
| - | Jeshikisa Vistacia |
| - | Jaary Makimura |
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| Commonwealth [State] of | |
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| Before me thisday of, who is to me personall | , 19, personally appeared |
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| the foregoing instrument of assignment to be [her] his | free act and deed. |
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*Where the application is assigned before it is filed, and hence has no Serial No., this shall be left blank.

PATENT REEL: 9059 FRAME: 0784

ASSIGNMENT

| WeTakahiro BIT() | , , , , , , , , , , , , , , , , , , , |
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| and | <u>'</u> |
| for good and valuable consideration from SHARP KABUS | SHIKI KAISHA |
| . d. Tananage | corporation. |
| having its principal place of business in Osaka, hereinafter called the Assignee, receipt of which is held, assign and transfer unto the Assignee, its succeright, title and interest in, to and under an applicat | ereby acknowledged, do hereby ssors and assigns, the entire ion for Letters Patent of the |
| United States Serial No. ,filed on for Improvements in TONER, DEVELOPER, AND PROCES | * signed by us S FOR PRODUCING THE SAME |
| including all priority rights ensuing therefrom, and therein set forth and described, and any and all Lette and of countries foreign thereto which may be granted with the right to apply for such Letters Patent. | rs Patent of the United States |
| And for the above consideration we agree prompt its successors or assigns, to execute and deliver with power of attorney, assignment, application, whether or or reissue, or other papers which may be necessary or assignee, its successors and assigns, the inventions a application and all patent rights therein, in the Uniforeign thereto. | out further compensation any iginal, divisional, continuation desirable fully to secure to the nd any of them described in said |
| The undersigned hereby grant(s) the law firm of Cushman the power to insert on this Assignment which may be necessary or desirable in order to U.S. Patent and Trademark Office for recordation of | any further identification comply with the rules of the |
| IN WITNESS WHEREOF, I, Takahiro BITO hand and seal this 12th day of March , hereunto set my hand and sea. 19 , and I, this day of , 19 . | , hereunto set my , 1998, I, l this day of hereunto set my hand and seal |
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| | Johanna Dita |
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*Where the application is assigned before it is filed, and hence has no Serial No., this shall be left blank.

PATENT REEL: 9059 FRAME: 0785