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| Form PTO-1595 (Rev. 0 OMB No. 0851-0027 (exj | U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office |
|---|---|
| | COVER SHEET |
| 1198181 11811 28188 1111 1818 11818 11818 | ONLY |
| To the Director of ti 103412813 | ord the attached documents or the new address(es) below. |
| 1. Name of conveying party(ies): | 2. Name and address of receiving party(les) |
| Yahiro Koezuka | Name: OMRON CORPORATION |
| | Internal Address: |
| Additional name(s) of conveying party(les) attached? | Street Address: |
| 3. Nature of conveyance/Execution Date(s): | 1 |
| Execution Date(s): May 15, 2007 | 801 Minamifudodo-cho, Horikawahigashiiru Shiokoji-dori, Shimogyo-ku, Kyoto-shi |
| X Assignment Merger Change of Name | Kyoto 600-8530 JAPAN |
| Security Agreement Joint Research Agreement | |
| Government Interest Assignment | City: |
| Executive Order 9424, Confirmatory License | State: |
| Other | Country: Zip: Additional name(s) & address(es) Yes Y No |
| Other | Additional name(s) & address(es) Yes X No attached? |
| A. Patent Application No.(s) This application | This document is being filed together with a new application. B. Patent No.(s) 11/862729 |
| Additional numbers attached? | Yes x No |
| 5. Name and address to whom correspondence concerning document should be mailed: | 6. Total number of applications and patents involved: |
| Name: Thomas J. D'Amico | |
| DICKSTEIN SHAPIRO LLP | 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 |
| Internal Address: Atty. Dkt.: N0520.0067/P067 Street Address: 1825 Eye Street, NW | Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed None required (government interest not affecting title) |
| City: Washington | 8. Payment Information |
| State: DC Zip: 20006-5403 | a. Credit Card Last 4 Numbers 1002 |
| Phone Number: (202) 420-2232 | Expiration Date 01/11 |
| Fax Number: (202) 420-2201 Email Address: DAmicoT@dicksteinshapiro.com | b. Deposit Account Number |
| 9. Signature: | May 24, 2007 |
| Signature | Date |
| Thomas J. D'Amico - 28,371 Name of Person Signing | Total number of pages including cover sheet, attachments, and documents: |

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REEL: 019402 FRAME: 0152

ASSIGNMENT BY INVENTOR

| referred to as Assignor), residin | g at c/o OMRON Corporation, 801 Minamifudodo-cho, | |
|--|---|--|
| Horikawahigashiiru, Shioko | oji-dori, Shimogyo-ku, Kyoto-shi, Kyoto, | |
| 600-8530 Japan | | |
| WHEREAS, Assignor has invented certain new and useful improvements in CHARLINGTON PROCESSING DEVICE, COLARISOCATION SYSTEM, CHARLINGTON PROCESSING METHOD, AND P | | |

THIS ASSIGNMENT, by ____Yahiro KOEZUKA

WHEREAS, OMRON CORPORATION, a corporation organized under and pursuant to the laws of Japan having a place of business at 801, Minamifudodo-cho, Horikawahigashiiru, Shiokoji-dori, Shimogyo-ku, Kyoto-shi, Kyoto, 600-8530 Japan (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignor has sold, assigned, transferred and set over, and by these presents does sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property including all rights of priority, the same to be held and enjoyed by Assignee, for its

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(hereinafter

own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.

AND for the same consideration, Assignor hereby represents and warrants to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignor is the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignor hereby covenants and agrees to and with Assignee, its successors, legal representatives and assigns, that Assignor will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

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AND Assignor hereby requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignor hereby grants the following individuals 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 United States Patent and Trademark Office for recordation of this document:

DICKSTEIN SHAPIRO LLP

All practitioners at Customer Number 24998

AND Assignor acknowledges an obligation of assignment of this invention to Assignee at the time the invention was made.

| May 15, 2007 | Yahiro Koezuka |
|--------------|--------------------------|
| Date | Inventor: Yahiro KOEZUKA |
| Witness: | |
| Date | |
| Witness: | |
| Date | |

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RECORDED: 05/24/2007