U.S. PTO 12/925796 10/28/2010

**RECORDATION FORM COVE** 

Form PTO-1595 (Rev. 03-09) OMB No. 0651-0027 (exp. 03/31/2009) 11-09-2010

## 

| PAIENI   | S ONL 103611060  |
|--|--|
| To the Director of the U.S. Patent and Trademark Office. Pleas   | e record the attached documents or the new address(es) below.  |
| Name of conveying party(les):  | 2. Name and address of receiving party(les)  |
| Kiyoto Motoyama  | Name: Sharp Kabushiki Kaisha   |
| Additional name(s) of conveying party(ies) attached? Yes X No  | Internal Address: Street Address:  |
| 3. Nature of conveyance/Execution Date(s):  Execution Date(s): October 1, 2010  X Assignment Merger Change of Name | 22-22, Nagaike-cho<br>Abeno-ku<br>Osaka-Shi, Osaka<br>545-8522<br>JAPAN  |
| Security Agreement Joint Research Agreement  | City.  |
| Government Interest Assignment   | State:   |
| Executive Order 9424, Confirmatory License   |  |
| Other  | Country: Zip:  Additional name(s) & address(es) Yes X No attached?   |
| 4. Application or patent number(s):  A. Patent Application No.(s)  This application                                | This document is being filed together with a new application.  B. Patent No.(s)                                  |
| Additional numbers attached  |  |
| <ol> <li>Name and address to whom correspondence<br/>concerning document should be mailed:</li> </ol>              | 6. Total number of applications and patents involved:  |
| Name David A. Tucker EDWARDS ANGELL PALMER & DODGE LLP   | 7. Total fee (37 CFR 1.21(h) & 3 41) \$ 40.00  |
| Internal Address: Atty. Dkt . 87409(70904) Street Address: P.O. Box 55874  | X Authorized to be charged to deposit account  Enclosed  None required (government interest not affecting title) |
| City Boston  | 8. Payment Information   |
| State MA Zip: 02205  |  |
| Phone Number: (617) 517-5508   |  |
| Fax Number: (888) 325-9540   | Deposit Account Number 04-1105   |
| Email Address: DTucker@eapdlaw.com   | Authorized User Name David A. Tucker   |
| Signature:  Danil C. Tuckrez  Signature  | 11/09/2010 DTIMBERL 00000001 041105 12925<br>October 28, 2010<br>#1   C:8#21 48.68.09                            |
| David A. Tucker - 27,840  Name of Person Signing   | Total number of pages including cover sheet, attachments, and documents  |

PATENT REEL: 025302 FRAME: 0579



Form PTO-1595 (Rev. 03-09)
OMB No. 0651-0027 (exp. 03/31/2009)

U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office

| RECORDATION FOR   | United States Patent and Trademark Office  M COVER SHEET   |
|---|--|
| PATENTS   | ONLY   |
| To the Director of the U.S. Patent and Trademark Office: Please                     | record the attached documents or the new address(es) below   |
| Name of conveying party(ies):   | 2. Name and address of receiving party(ies)  |
| Kiyoto Motoyama   |  |
| •   | Name: Sharp Kabushiki Kaisha   |
| Additional name(s) of conveying party(ies) attached? Yes X No                       | Internal Address: Street Address:  |
| 3. Nature of conveyance/Execution Date(s):  | 22-22, Nagaike-cho<br>Abeno-ku   |
| Execution Date(s): October 1, 2010  | Osaka-Shi, Osaka   |
| x Assignment Merger Change of Name  | 545-8522<br>JAPAN  |
| Security Agreement Joint Research Agreement   | City:  |
| Government Interest Assignment  | State:   |
| Executive Order 9424, Confirmatory License  | Country: Zip:  |
| Other   | Additional name(s) & address(es) Yes X No attached?  |
| 4. Application or patent number(s):  A. Patent Application No.(s)  This application | his document is being filed together with a new application.  B. Patent No.(s)                                       |
| 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: David A. Tucker EDWARDS ANGELL PALMER & DODGE LLP                             | 7. Total fee (37 CFR 1 21(h) & 3.41) \$  |
| Internal Address: Atty. Dkt.: 87409(70904) Street Address: P.O. Box 55874           | Authorized to be charged to deposit account     Enclosed     None required (government interest not affecting title) |
| City: Boston  | 8. Payment Information   |
| State: MA Zip: 02205  |  |
| Phone Number: (617) 517-5508  |  |
| Fax Number: (888) 325-9540  | Deposit Account Number 04-1105   |
| Email Address: DTucker@eapdlaw.com  | Authorized User Name David A. Tucker   |
| 9. Signature:  Daniel C. Tucker  Signature  | October 28, 2010  Date   |
| David A. Tucker - 27,840  | Total number of pages including cover sheet, attachments, and documents.   |
| Name of Person Signing  | sneet, attachments, and documents  |

PATENT REEL: 025302 FRAME: 0580

Docket No.

## ASSIGNMENT

| I/We, Kiyoto MOTOYAMA (inventors), for good and valuable  |
|---|
| consideration from SHARP KABUSHIKI KAISHA (assignee), having its principal place  |
| of business at 22-22, Nagaike-cho Abeno-ku Osaka-shi Osaka 545-8522 Japan (address)   |
| hereinafter called the Assignee, receipt of which is hereby acknowledged, do hereby sell,   |
| assign and transfer unto the Assignee, its successors and assigns, the entire right, title and  |
| interest in, to and under an application for Letters Patent of the United States Serial   |
|   |
| No filed on for improvements in the <u>IMAGE</u>  |
| No filed on for improvements in the <u>IMAGE</u> <u>PROCESSING APPARATUS</u> , <u>IMAGE DATA OUTPUT PROCESSING APPARATUS</u>  |
| Nofiled onfor improvements in the <u>IMAGE</u> PROCESSING APPARATUS, IMAGE DATA OUTPUT PROCESSING APPARATUS  AND IMAGE PROCESSING METHOD (title) priority rights ensuing therefrom, and the       |
| No filed on for improvements in the <u>IMAGE</u> <u>PROCESSING APPARATUS</u> , <u>IMAGE DATA OUTPUT PROCESSING APPARATUS</u>  |
| Nofiled onfor improvements in the <u>IMAGE</u> PROCESSING APPARATUS, <u>IMAGE DATA OUTPUT PROCESSING APPARATUS</u> AND IMAGE PROCESSING METHOD (title) priority rights ensuing therefrom, and the |

And for the above consideration I/We agree promptly upon request of the Assignee, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, divisional, continuation or reissue, or other papers which may be necessary or desirable fully to secure to the Assignee, its successors and assigns, the inventions and any of them described in said application and all patent rights therein, in the United States and in any country foreign thereto.

The undersigned agree(s) to furnish all pertinent facts and documents relating to said application, said invention and said patent(s) as may be known and accessible to the undersigned, and will testify as to the same in any interference or litigation related thereto, and will promptly execute and deliver to Assignee any and all papers, instruments or affidavits necessary or desirable to apply for, obtain, maintain or enforce said application or said patent(s) in connection with any interference which may be declared, and any litigation concerning this application or any continuation, division or reissue thereof or Patent(s) or reissue patent(s) issued thereon, and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference or litigation.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

PATENT REEL: 025302 FRAME: 0581 The undersigned hereby authorize(s) and request(s) the Commissioner for Patents to issue any and all Letters Patents of the United States of America resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that the undersigned has (have) the full right to convey the entire interest herein assigned, and that the undersigned has (have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grants Edwards Angell Palmer & Dodge LLP of P.O. Box 55874, Boston, MA 02205, U.S.A. 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.

l, <u>Kiyoto MOTOYAMA</u>, hereunto set my hand and seal this <u>1</u> day of <u>0 c to ber</u>, 2010.

Hiyoto motoyama

PATENT REEL: 025302 FRAME: 0582

**RECORDED: 10/28/2010**