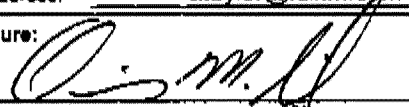


Form PTO-1595 (Rev. 03-11)
OMB No. 0651-0027 (exp. 03/31/2015)

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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

| | |
|--|---|
| 1. Name of conveying party(ies): Sony Corporation Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 2. Name and address of receiving party(ies) Name: <u>Japan Display West Inc.</u> Internal Address: _____ Street Address: 50 Aza Kamifunaki O-Aza Ogawa Higashiura-cho Chita-Gun, Aichi-Ken 470-2102; JAPAN City: _____ State: _____ Country: _____ Zip: _____ Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 3. Nature of conveyance/Execution Date(s): Execution Date(s): <u>March 25, 2013</u> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Change of Name <input type="checkbox"/> Security Agreement <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other _____ | 4. Application or patent number(s): <input type="checkbox"/> This document is being filed together with a new application. A. Patent Application No.(s) 12/657,947 12/660,010 B. Patent No.(s) 8,228,309 8,373,647 8,287,189 8,339,564 Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 5. Name and address to whom correspondence concerning document should be mailed: Name: <u>Dennis M. Smid, Esq.</u> <u>LERNER, DAVID, LITTENBERG,</u> <u>KRUMHOLZ & MENTLIK, LLP</u> Internal Address: Atty. Dkt.: Street Address: <u>600 South Avenue West</u> City: <u>Westfield</u> State: <u>NJ</u> Zip: <u>07090</u> Phone Number: <u>908-654-5000</u> Fax Number: <u>908-654-7866</u> Email Address: <u>ataylor@ldlkm.com</u> | 6. Total number of applications and patents involved: 6 7. Total fee (37 CFR 1.21(h) & 3.41) \$ <u>240.00</u> <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title) 8. Payment Information Deposit Account Number <u>12-1095</u> Authorized User Name <u>Dennis M. Smid, Esq.</u> |
| 9. Signature: <div style="text-align: center;">  _____ Signature </div> <div style="text-align: right;"> <u>April 10, 2013</u> Date </div> <div style="text-align: center; margin-top: 10px;"> <u>Dennis M. Smid, Esq. - 34,930</u> Name of Person Signing </div> <div style="text-align: right; margin-top: 10px;"> Total number of pages including cover sheet, attachments, and documents: 3 </div> | |

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PTO/SB/15 (8-00)
Modified by LDLK&M

| ASSIGNMENT | Docket Number (Optional) |
|------------|--|
| | SONYJP 3.0-2163; SONYJP 3.0-2133; SONYJP 3.0-2203; SONYJP 3.0-2166; SONYJP 3.0-2209; SONYJP 3.0-2129 |

WHEREAS, Sony Corporation a corporation of Japan, located and doing business at 1-7-1 Konan, Minato-ku, Tokyo, 108-0075 JAPAN is the sole and exclusive owner, by assignment, of the following Applications for Utility Patent and Letters Patent of the United States of America:

| Appln No. | Filed | Inventor(s) | Title |
|------------|-------------------|--|--|
| 12/660,010 | February 18, 2010 | Tomoko Maruyama | METHOD OF MANUFACTURING LIQUID CRYSTAL DISPLAY DEVICE AND LIQUID CRYSTAL DISPLAY DEVICE FABRICATED BY THE SAME |
| Appln No. | Filed | Inventor(s) | Title |
| 12/657,947 | January 29, 2010 | Keiichi Yagi | IMAGE DISPLAY APPARATUS AND ELECTRONIC APPARATUS |
| Patent No. | Granted | Inventor(s) | Title |
| 8,339,564 | December 25, 2012 | Tomoko Maruyama | LIQUID CRYSTAL DISPLAY AND METHOD OF MANUFACTURING THE SAME |
| Patent No. | Granted | Inventor(s) | Title |
| 8,373,647 | February 12, 2013 | Takafumi Suzuki and Ying Bao Yang | SURFACE LIGHT SOURCE DEVICE AND DISPLAY DEVICE |
| Patent No. | Granted | Inventor(s) | Title |
| 8,228,309 | July 24, 2012 | Masaya Tamaki and Takeo Koito | DISPLAY APPARATUS AND INFORMATION INPUT APPARATUS |
| Patent No. | Granted | Inventor(s) | Title |
| 8,287,169 | October 16, 2012 | Ying Bao Yang, Takafumi Suzuki, Susumu Kimura, Masaru Higuchi, and Masaki Kondoh | BACKLIGHT AND DISPLAYING/IMAGING APPARATUS |

WHEREAS, Japan Display West Inc., a corporation of Japan, located and doing business at 50 Aza Kamifunaki, O-Aza Ogawa, Higashimura-cho, Chita-gun, Aichi-ken, 470-2102 Japan is desirous of acquiring the right, title and interest in, to and under the applications for Utility Patent and Letters Patent of the inventions covered thereby; NOW, THEREFORE, in consideration of and in exchange for the sum of One Dollar (\$1.00) and other good and valuable consideration, receipt of which is hereby acknowledged, the said Sony Corporation has sold, assigned, transferred and set over, and does hereby sell, assign, transfer and set over to the said Japan Display West Inc., the entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid applications for Utility Patent and Letters Patent, all original, divisional, continuation, continuation-in-part, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said invention to said assignee herein, as assignee of the entire interest therein; and the undersigned for itself and its legal representatives, heirs and assigns does hereby agree and covenant without further remuneration,

PTO/SB/16 (8-00)
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to execute and deliver all divisional, continuation, reissue and other applications for Utility Patent on said invention and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said invention, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said invention in the United States of America and all other countries, the expenses incident to said applications to be borne and paid by said assignee.

IN WITNESS WHEREOF, Sony Corporation has caused these presents to be signed by its duly appointed trustee having full authority to convey its property.

March 25, 2013

(Date)



(Signature)

Fumihiko Moriya
VP, Senior General Manager
Intellectual Property Division,
Sony Corporation