| Form PTO-1595 (Rev. 09/ 04)<br>OMB No. 0651-0027 (exp. 6/30/2005)  | U.S. DEPARTMENT OF COMMERCI<br>United States Patent and Trademark Offic  |
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| RECORDATION FOR  |  |
| 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(les)/Execution Date(s):     HIDEO TOMITA   | 2. Name and address of receiving party(ies)  |
| Execution Date(s): April 5, 2007  Additional name(s) of conveying party(les) attached? Yes X No  3. Nature of Conveyance:  X Assignment Merger  Security Agreement Change of Name  Government Interest Assignment  Executive Order 9424, Confirmatory License  Other | Name: SONY CORPORATION Internal Address: Stroet Address:  1 * 7 * 1 Konan, Minato-ku Tokyo, 108 * 0075 JAPAN  City: State: Country: Zip: Additional name(s) & address(es) Yes X No attached: |
| 4. Application or patent number(s):  A. Patent Application No.(s)  11/787,564  | Chis document is being filed together with a new application.  B. Patent No.(s)  |
| Additional numbers attached?   |  |
| 5. Name and address to whom correspondence concerning document should be mailed:   | 6. Total number of applications and patents involved:  |
| Namo: Dennis M. Smid, Esq.<br>LERNER, DAVID, LITTENBERG,<br>KRUMHOLZ & MENTLIK, LLP  | 7. Total fee (37 CFR t.21(h) & 3.41) \$ 40.00  |
| Internal Address: Atty. Dkt.;  | Authorized to be charged by credit card  |
| Street Address: 600 South Avenue West  | X Authorized to be charged to deposit account Enclosed None required (government interest not affecting title)   |
| City: Westfield  | 8. Payment Information   |
| State: NJ Zip: 07090   | a, Credit Card Last 4 Numbers  |
| Phone Number: (908) 518-6374   | Expiration Date  |
| Fax Number: (908) 654-0415   | b. Deposit Account Number 12-1095 Authorized User Name Dennis M. Smid, Esq.  |
| Email Address: dsmid@ldlkm.com   | Aunorizeo Dser Name Dennis M. Smid, Esq.   |
| 9. Signature:  | June 27, 2007  |
| Signaturo  | Date   |
| Dennis M. Smid, Esq 34,930<br>Name of Person Signing   | Total number of pages including cover sheet, attachments, and documents: 2   |

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**PATENT REEL: 019492 FRAME: 0868** 

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Signature of first or sole incentor.

S07P0475US00 SONYJP 3.0-1342

Date of this assignment

| Docket Number: |  |
|----------------|--|
|----------------|--|

## ASSIGNMENT

WHEREAS, I, as a below named inventor, residing at the address stated next to my name, am a sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of certain new and useful improvements in LIQUID CRYSTAL PANEL, DRIVING METHOD, FOR LIGHTH CRYSTAL PANEL, AND PROGRAM

for which application for Letters Patent of the United States of America was executed by me on the date indicated next to my name and address;

AND WHEREAS, Sony Corporation, a Japanese corporation with offices at 1-7-1 Konan, Minato-Ku, Tokyo, Japan (hereinafter referenced as ASSIGNEE) is desirous of acquiring all interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United States and in any and all foreign countries;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficience of which are hereby acknowledged, I, as a sole or joint inventor as indicated below, by hereby assign, sell and transfer unto the said ASSIGNEE, its successors, assigns, and legal representatives, the entire right, title and interest in the said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other benefits accruing or to accrue to me with respect to the filling of applications for patents or securing of potents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue the said United States Letters Patent to said ASSIGNEE, as the assignee of the whole right, title and interest thereto;

And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEE or its designee, as ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me and without further remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Potent of the United States and countries foreign thereto;

And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid invention, as the ASSIGNEE thereof shall bereafter require and prepare at its own expense;

And I further agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will testify as to the same in any interference or litigation related thereto;

And I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

And I hereby authorize and request my attorney(s) of record in this application to insert the serial number and filing date of this application in the spaces that follow: Serial Number: 11/787,564. Filing Date: April 16, 2007

| This assignment executed on the dates indicated bel-   | gw.                                       |
|--|---|
| Hideo TOMITA   |   |
| Name of this or sole inventor  | Execution date of U.S. Patent Application |
| Kanagawa, Japan  |   |
| Residence of first or sole inventor  1. Life Toronto T | And 5 2007                                |

PATENT RECORDED: 06/27/2007 REEL: 019492 FRAME: 0869