

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT												
NATURE OF CONVEYANCE:	Corrective Assignment to correct the spelling of the third Inventor from Shimoshikiyoh, Kumikazu to Shimoshikiryoh, Fumikazu previously recorded on Reel 023640 Frame 0079. Assignor(s) hereby confirms the correct spelling of the inventors name as Shimoshikiryoh, Fumikazu.												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Masae Kitayama</td> <td>11/05/2009</td> </tr> <tr> <td>Kentaro Irie</td> <td>11/05/2009</td> </tr> <tr> <td>Fumikazu Shimoshikiryoh</td> <td>11/05/2009</td> </tr> <tr> <td>Toshihide Tsubata</td> <td>11/06/2009</td> </tr> <tr> <td>Naoshi Yamada</td> <td>11/04/2009</td> </tr> </tbody> </table>		Name	Execution Date	Masae Kitayama	11/05/2009	Kentaro Irie	11/05/2009	Fumikazu Shimoshikiryoh	11/05/2009	Toshihide Tsubata	11/06/2009	Naoshi Yamada	11/04/2009
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CORRESPONDENCE DATA													
<p>Fax Number: 7036688200 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 7036688000 Email: dcmailroom@hdp.com Correspondent Name: Harness, Dickey & Pierce, P.L.C. Address Line 1: P.O. Box 8910 Address Line 4: Reston, VIRGINIA 20195</p>													
ATTORNEY DOCKET NUMBER:	12480SL-000401/US												

CH \$40.00 12451938

NAME OF SUBMITTER:	Donald J. Daley
Signature:	/Donald J. Daley/
Date:	04/10/2013
Total Attachments: 2 source=2013-04-10_Assignment#page1.tif source=2013-04-10_Assignment#page2.tif	

ASSIGNMENT

Atty. Dkt. No.:

WHEREAS, the undersigned, hereinafter referred to collectively as Assignor, has invented:

LIQUID CRYSTAL DISPLAY DEVICE, LIQUID CRYSTAL DISPLAY DEVICE DRIVE METHOD, AND TELEVISION RECEIVER

for which Assignor is about to make or has made United States or International application for patent

- (a) executed on even date preparatory to filing (each inventor should sign this Assignment on the same day as he/she signs the Declaration and Power of Attorney);
- (b) executed on _____, _____, _____; or
- (c) filed on March 27, 2008, and assigned Serial No. _____ or PCT International Application No. PCT/JP2008/055950;
- (d) U.S. Patent No. _____, issued _____; and

WHEREAS, **SHARP KABUSHIKI KAISHA**

22-22 Nagaike-cho Abeno-ku

Osaka-shi, Osaka

JAPAN 545-8522

, hereinafter referred to as Assignee, is desirous of acquiring an interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy whereof is hereby acknowledged, Assignor by these presents does sell, assign and transfer unto Assignee and its successors in interest, the full and exclusive right, title and interest in the United States of America and all foreign countries, including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, to the said invention as described in the aforesaid application, said application for patent and all Letters Patent therefor to be held and enjoyed by Assignee to the full end of the term for which said Letters Patent are granted and any extensions thereof as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and the right to recover for past infringements of, or liabilities for, any of the rights relating to any of said applications or patents resulting therefrom;

Assignor hereby covenants and agrees to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent in the United States and in all foreign countries including, but not limited to, any provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, and as to letters patent any reissue, re-examination, or extension thereof, and for litigation regarding, or for the purpose of protecting title and to the said invention, the United States application for patent, or Letters Patent therefor, and to testify in support thereof, for the benefit of Assignee without further or other compensation than that above set forth;

Assignor hereby covenants that no assignment, sale or agreement or encumbrance has been or will be entered into which would conflict with this Assignment; and

Assignor hereby requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States of America to Assignee, and requests that any official of any country or countries foreign to the United States, whose duty it is to issue or grant patents and

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Atty. Dkt. No.:

applications as aforesaid, to issue said Letters Patent, Utility Model Registration or Inventor's Certificate to Assignee.

The undersigned hereby grant(s) the law firm of Harness, Dickey & Pierce, P.L.C. 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.

Masae Kitayama
Masae KITAYAMA

November 5, 2009
Dated

Kentaro Irie
Kentaro IRIE

November 5, 2009
Dated

Fumikazu Shimoshikiryo
Fumikazu SHIMOSHIKIRYOH

November 5, 2009
Dated

Toshihide Tsubata
Toshihide TSUBATA

November 6, 2009
Dated

Naoshi Yamada
Naoshi YAMADA

November 4, 2009
Dated