

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT3831220

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
LG DISPLAY CO., LTD.	05/28/2013
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Apple Inc.
<b>Street Address:</b>	1 Infinite Loop
<b>City:</b>	Cupertino
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	95014
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14897089
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(415)837-0651
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Email:</b>	tishihara@treyzlawgroup.com
<b>Correspondent Name:</b>	TIFFANY ISHIHARA-COMPTON
<b>Address Line 1:</b>	870 MARKET, SUITE 984
<b>Address Line 4:</b>	SAN FRANCISCO, CALIFORNIA 94102
<b>ATTORNEY DOCKET NUMBER:</b>	P18297US1
<b>NAME OF SUBMITTER:</b>	TIFFANY ISHIHARA-COMPTON
<b>SIGNATURE:</b>	/Tiffany R. Ishihara-Compton/
<b>DATE SIGNED:</b>	04/14/2016
<b>Total Attachments: 5</b>	
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ASSIGNMENT

WHEREAS, LG DISPLAY CO., LTD., a corporation having an address of 128, Yeoui-daero, Youngdeungpo-gu, Seoul, 150-721, Korea has acquired the entire interest in an invention entitled:

DISPLAY WITH BLUE PIGMENT LAYER UNDER BLACK MATRIX

(subsequently identified as International Patent Application \_\_\_\_\_, filed \_\_\_\_\_), for which an international application for patent has been filed or is to be filed under the Patent Cooperation Treaty in the United States Receiving Office (RO/US); and

WHEREAS, APPLE INC., a corporation organized and existing under the laws of the State of California and having an address of 1 Infinite Loop, Cupertino, California 95014, is desirous of acquiring the entire interest in said invention, said international application and in any patent which may issue thereon;

NOW, THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) paid, and other good and valuable consideration, the receipt of sufficiency of which is hereby acknowledged, LG DISPLAY CO., LTD. does hereby sell, assign and transfer unto the said APPLE INC., its successors, assigns and legal representatives (1) the entire right, title and interest in all countries throughout the world in and to any and all inventions and discoveries disclosed in said

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\* LG DISPLAY CO., LTD. hereby authorizes APPLE INC. and its representatives to insert in this instrument the International Patent Application number and the filing date of said application and the priority application number(s) and filing date(s) when APPLE INC. is officially notified thereof.

international application, including any renewals, revivals, reissues, reexaminations, extensions, continuations and divisions thereof, and any substitute applications therefor; (2) the full and complete right to file patent applications in the name of APPLE INC., its designee, or the name of the inventor or inventors of said invention and international application at the election of APPLE INC., or its designee, on the aforesaid inventions, discoveries, and applications in all countries of the world; (3) the entire right, title and interest in and to any Letters Patent which may issue on the aforesaid inventions, discoveries, and applications in any country of the world and any renewals, revivals, reissues, reexaminations and extensions thereof, and any patents of confirmation, registration and importation of the same; and (4) the entire right, title and interest in and to all Convention and Treaty Rights of all kinds thereon, including without limitation all rights of priority in any country of the world in and to the following priority application(s):

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application no.	country	filing date
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and all rights of priority in any country of the world deriving from the above-identified International Patent Application.

LG DISPLAY CO., LTD. hereby authorizes and requests the competent authorities to grant and to issue any and all such Letters Patent in any country throughout the world to APPLE INC. as the assignee of the entire right, title and interest therein, as fully and entirely as the same would have been held and enjoyed by LG

DISPLAY CO., LTD. had this assignment, sale and transfer not been made.

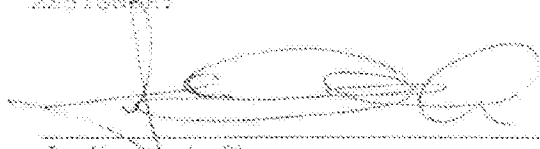
LG DISPLAY CO., LTD. agrees, at any time, upon the request of APPLE INC. to execute and to deliver to APPLE INC. any additional applications for patents for said inventions and discoveries, or any part or parts thereof, and any applications for patents of confirmation, registration and importation based on any Letters Patent issuing on said inventions, discoveries or applications, and divisions, continuations, renewals, revivals, reissues, reexaminations and extensions thereof.

LG DISPLAY CO., LTD. further agrees, at any time, upon request of APPLE INC. to execute and to deliver to APPLE INC. such additional documents, if any, as are necessary or desirable to secure patent protection on said inventions, discoveries and applications throughout all countries of the world, and otherwise to do the necessary to give full effect to and to perfect any and all rights of APPLE INC. under this Assignment, including the execution, delivery and procurement of any

and all further documents evidencing this assignment,  
transfer and sale as may be necessary or desirable.

ASSIGNOR:

May 28, 2013  
Date



J. Kenneth Oh  
Vice President and Head  
of Intellectual Property  
LG Display Co., Ltd.

ASSIGNEE:

\_\_\_\_\_  
Date

\_\_\_\_\_  
EJ Wainrous  
Vice President  
and Chief IP Counsel  
Apple Inc.

and all further documents evidencing this assignment,  
transfer and sale as may be necessary or desirable.

ASSIGNOR:

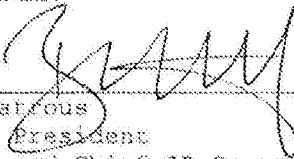
\_\_\_\_\_  
Date

\_\_\_\_\_  
J. Kenneth Oh  
Vice President and Head  
of Intellectual Property  
LG Display Co., Ltd.

ASSIGNEE:

*June 13 2013*

\_\_\_\_\_  
Date

  
\_\_\_\_\_  
EJ Warfous  
Vice President  
and Chief IP Counsel  
Apple Inc.