

## PATENT ASSIGNMENT

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Samsung Display Co., Ltd	04/29/2013
RECEIVING PARTY DATA	
Name:	Samsung LCD Netherlands R&D Center B.V.
Street Address:	Zwaanstraat 1, 5651 CA Eindhoven
Internal Address:	Building Tam
City:	The Netherlands
State/Country:	NETHERLANDS
PROPERTY NUMBERS Total: 35	
Property Type	Number
Application Number:	13483805
Application Number:	13685087
Application Number:	13674318
Application Number:	13605158
Application Number:	13649590
Application Number:	13730096
Application Number:	13554794
Application Number:	13595717
Application Number:	13852546
Application Number:	13547384
Application Number:	13569801
Application Number:	13559479
Application Number:	13591661
Application Number:	13560861
Application Number:	13563457

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Application Number:	13612602
Application Number:	13748700
Application Number:	13765447
Application Number:	13688810
Application Number:	13743759
Application Number:	13607607
Application Number:	13609744
Application Number:	13601297
Application Number:	13692698
Application Number:	13612237
Application Number:	13684268
Application Number:	13742115
Application Number:	13716538
Application Number:	13763979
Application Number:	13765242
Application Number:	13604131
Application Number:	13757608
Application Number:	13759340
Application Number:	13758518
Application Number:	13835103

# CORRESPONDENCE DATA

Fax Number:

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ATTORNEY DOCKET NUMBER:	LIQUAVISTA
NAME OF SUBMITTER:	Dana L. Calhoun
Signature:	/Dana L. Calhoun/
Date:	06/18/2013

Total Attachments: 7

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**PATENT**  
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## ASSIGNMENT OF PATENTS

This ASSIGNMENT OF PATENTS (this “Assignment”), dated as of April 29, 2013, is entered into by Samsung Display Co., Ltd., a corporation organized and existing under the laws of the Republic of Korea (the “Assignor”), in favor of Samsung LCD Netherlands R&D Center B.V., a private company (besloten vennootschap) with limited liability incorporated under the laws of the Netherlands (the “Assignee”).

**WHEREAS**, Assignor and Assignee are parties to that certain Asset Transfer Agreement, dated as of April 23, 2013 (the “Asset Transfer Agreement”), pursuant to which Assignor has agreed to convey, assign, transfer and deliver to Assignee, and Assignee has agreed to accept from Assignor, all of Assignor’s right, title and interest in and to the patents and patent applications listed on Schedule 1 of Annex B thereto (the “Patents”) among other Transferred Assets (as defined in the Asset Transfer Agreement); and

**WHEREAS**, Assignor desires to convey, assign, transfer and deliver to Assignee all of Assignor’s right, title and interest in and to the Patents, as provided by the Asset Transfer Agreement.

**NOW, THEREFORE**, in consideration of the foregoing, and for good and valuable consideration as provided herein and in the Asset Transfer Agreement, the receipt and sufficiency of which are hereby acknowledged, Assignor, intending to be legally bound hereby, agrees as follows:

1. Assignment. Assignor does hereby convey, assign, transfer and deliver unto Assignee all of Assignor’s worldwide right, title and interest in, to and under the Patents, any and all continuations, continuations-in-part, divisions, foreign counterparts, reexaminations, reissues, renewals and extensions thereof that may hereafter be secured under the laws now or hereafter in effect in the United States and/or in any other jurisdiction, and together with all rights to sue and recover for any past infringements of any of the Patents, the same to be held and enjoyed by the Assignee, its successors and assigns from and after the date hereof as fully and entirely as the same would have been held and enjoyed by the Assignor had this assignment of the Patents not been made. The foregoing assignment shall include but not be limited to:

- (a) in respect of any application in the Patents:
  - (i) the right to claim priority from, prosecute to grant and obtain any patent or similar protection deriving, from any such application; and
  - (ii) the right to make divisional applications based on any such application and to prosecute to grant and obtain any patent or similar protection deriving from any such divisional application;
- (b) in respect of any invention disclosed in the Patents, the right to make patent applications (including divisionals) and claim priority from, prosecute to grant and obtain patent or similar protection deriving from, any such applications in or in respect of any country or territory in the world;

- (c) the entitlement to any patents granted pursuant to any of the applications comprised in the Patents or made as aforesaid; and
- (d) the right to bring or defend proceedings and obtain relief (and to retain any damages recovered) in respect of any infringement or other cause of action arising from ownership of any of the Patents or any patents deriving from any of the applications in the Patents or filed as aforesaid, whether occurring before, on or after the date of this Assignment.

2. Further Assurances. Assignor further agrees, without further consideration, to cooperate with the Assignee and to execute and deliver, or cause to be executed and delivered, all such other instruments, including instruments of conveyance, assignment and transfer, and to take all such other actions as the Assignee may reasonably request from time to time, consistent with the terms of this Assignment and the Asset Transfer Agreement, in order to effectuate the provisions and purposes of this Assignment and the transactions contemplated hereby and to permit Assignee to be duly recorded as the registered owner and proprietor of the rights hereby conveyed.

3. Counterparts; Effectiveness. This Assignment may be executed and delivered in one or more counterparts, each of which shall be deemed to be an original but all of which together shall constitute one and the same agreement.

4. Headings. The headings contained in this Assignment are included for convenience of reference only and shall not affect in any way the meaning or interpretation of this Assignment.

5. Governing Law. This Assignment shall be governed by, and construed in accordance with, the laws of New York, U.S.A., without any regard to conflict of laws principles thereof.

6. Severability. If any term or other provision of this Assignment is invalid, illegal or incapable of being enforced by any rule of law, or public policy, all other conditions and provisions of this Assignment shall nevertheless remain in full force and effect as long as the economic or legal substance of the transactions contemplated hereby is not affected in any manner adverse to either party. Upon such determination that any term or other provision is invalid, illegal or incapable of being enforced, the parties shall negotiate in good faith to modify this Assignment so as to effect the original intent of the parties to the fullest extent possible.

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IN WITNESS WHEREOF, the Assignor has entered into and signed this Assignment as of the date and year first above written.

**ASSIGNOR:**

**SAMSUNG DISPLAY CO., LTD.**

By: 1인 複基

Name: Jeong Ki Min

Its: Vice President, Business Planning Team (LCD)

*[Signature Page to Assignment of Patents]*

**ANNEX B****TRANSFERRED ASSETS**Schedule 1:

## Assigned Patents

<b>Family No.</b>	<b>Country</b>	<b>Application No.</b>	<b>Patent Registration No.</b>	<b>Case Status</b>
1	Republic of Korea	P20110071455	N/A	Pending
	United States	13/483,805	N/A	Pending
2	Republic of Korea	P20110129170	N/A	Pending
	United States	13/685,087	N/A	Pending
3	Republic of Korea	P20110121984	N/A	Pending
	United States	13/674,318	N/A	Pending
4	Republic of Korea	P20110090020	N/A	Pending
	United States	13/605,158	N/A	Pending
5	Republic of Korea	P20110115250	N/A	Pending
	United States	13/649,590	N/A	Pending
6	Republic of Korea	P20110147311	N/A	Pending
	United States	13/730,096	N/A	Pending
7	Republic of Korea	P20120018481	N/A	Pending
	United States	13/554,794	N/A	Pending
8	Republic of Korea	P20120027195	N/A	Pending
	United States	13/595,717	N/A	Pending
9	Republic of Korea	P20120032292	N/A	Pending
	United States	13/852,546	N/A	Pending
10	Republic of Korea	P20120014429	N/A	Pending
	United States	13/547,384	N/A	Pending
11	Republic of Korea	P20120027357	N/A	Pending
	United States	13/569,801	N/A	Pending
12	Republic of Korea	P20110137364	N/A	Pending
	United States	13/559,479	N/A	Pending
13	Republic of Korea	P20120016452	N/A	Pending
	United States	13/591,661	N/A	Pending
14	Republic of Korea	P20120016454	N/A	Pending
	United States	13/560,861	N/A	Pending
	China	201210383064.5	N/A	Pending
	Japan	2012-252601	N/A	Pending

15	Republic of Korea	P20120013019	N/A	Pending
	United States	13/563,457	N/A	Pending
16	Republic of Korea	P20120026072	N/A	Pending
	United States	13/612,602	N/A	Pending
17	Republic of Korea	P20120013290	N/A	Pending
	United States	13/748,700	N/A	Pending
18	Republic of Korea	P20120049790	N/A	Pending
	United States	13/765,447	N/A	Pending
19	Republic of Korea	P20120028374	N/A	Pending
	United States	13/688,810	N/A	Pending
20	Republic of Korea	P20120005756	N/A	Pending
	United States	13/743,759	N/A	Pending
21	Republic of Korea	P20120031158	N/A	Pending
	United States	13/607,607	N/A	Pending
22	Republic of Korea	P20120039776	N/A	Pending
	United States	13/609,744	N/A	Pending
23	Republic of Korea	P20120039579	N/A	Pending
	United States	13/601,297	N/A	Pending
24	Republic of Korea	P20120081281	N/A	Pending
	United States	13/692,698	N/A	Pending
25	Republic of Korea	P20120049086	N/A	Pending
	United States	13/612,237	N/A	Pending
26	Republic of Korea	P20120063854	N/A	Pending
	United States	13/684,268	N/A	Pending
27	Republic of Korea	P20120050425	N/A	Pending
	United States	13/742,115	N/A	Pending
28	Republic of Korea	P20120085831	N/A	Pending
	United States	13/716,538	N/A	Pending
29	Republic of Korea	P20120049079	N/A	Pending
	United States	13/763,979	N/A	Pending
30	Republic of Korea	P20120094448	N/A	Pending
	United States	13/765,242	N/A	Pending
31	Republic of Korea	P20120049785	N/A	Pending
	United States	13/604,131	N/A	Pending
32	Republic of Korea	P20120086949	N/A	Pending
33	Republic of Korea	P20120066245	N/A	Pending
	United States	13/757,608	N/A	Pending
34	Republic of Korea	P20120097166	N/A	Pending



35	Republic of Korea	P20120061721	N/A	Pending
	United States	13/759,340	N/A	Pending
36	Republic of Korea	P20120060573	N/A	Pending
	United States	13/758,518	N/A	Pending
	China	-	N/A	To be filed
	Taiwan	102107825	N/A	Pending
37	Republic of Korea	P20120098288	N/A	Pending
	United States	13/835,103	N/A	Pending
38	Republic of Korea	P20120075997	N/A	Pending
39	United Kingdom	1104713.1	N/A	Abandoned (Allowed to Lapse)
	Patent Cooperation Treaty	PCT/EP2012/054710	N/A	Pending
	Taiwan	101109733	N/A	Pending
40	United Kingdom	1110776.0	N/A	Abandoned (Allowed to Lapse)
	United Kingdom	1115717.9	N/A	Abandoned (Allowed to Lapse)
	Patent Cooperation Treaty	PCT/EP2012/060840	N/A	Pending
41	United Kingdom	1114663.6	N/A	Abandoned (Allowed to Lapse)
	Patent Cooperation Treaty	PCT/EP2012/066341	N/A	Pending
42	United Kingdom	1116093.4	N/A	Abandoned (Allowed to Lapse)
	Patent Cooperation Treaty	PCT/EP2012/068175	N/A	Pending
43	United Kingdom	1117268.1	N/A	Abandoned (Allowed to Lapse)
	Patent Cooperation Treaty	PCT/EP2012/069694	N/A	Pending
44	United Kingdom	1117556.9	N/A	Abandoned (Allowed to Lapse)
	Patent Cooperation Treaty	PCT/EP2012/069731	N/A	Pending
	Taiwan	101137501	N/A	Pending
45	United Kingdom	1120777.6	N/A	Abandoned (Allowed to Lapse)
	Patent Cooperation Treaty	PCT/EP2012/074176	N/A	Pending
46	United Kingdom	1120782.6	N/A	Abandoned (Allowed to Lapse)
	Patent Cooperation Treaty	PCT/EP2012/074175	N/A	Pending
47	United Kingdom	1121212.3	N/A	Abandoned (Allowed to Lapse)
	Patent Cooperation Treaty	PCT/EP2012/074872	N/A	Pending

48	United Kingdom	1121707.2	N/A	Abandoned (Allowed to Lapse)
	Patent Cooperation Treaty	PCT/EP2012/075588	N/A	Pending
49	United Kingdom	1121710.6	N/A	Abandoned (Allowed to Lapse)
	Patent Cooperation Treaty	PCT/EP2012/075589	N/A	Pending
50	United Kingdom	1121732.0	N/A	Abandoned (Allowed to Lapse)
	Patent Cooperation Treaty	PCT/EP2012/075655	N/A	Pending
51	United Kingdom	1121928.4	N/A	Abandoned (Allowed to Lapse)
	Patent Cooperation Treaty	PCT/EP2012/076049	N/A	Pending
52	United Kingdom	1210345.3	N/A	Pending
53	United Kingdom	1220153.9	N/A	Pending
54	United Kingdom	1220155.4	N/A	Pending
55	United Kingdom	1223321.9	N/A	Pending