

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Samsung Electronics Co., Ltd.	07/21/2011
RECEIVING PARTY DATA	
Name:	Samsung Electronics Co., Ltd.
Street Address:	416, Maetan-dong, Yeongtong-gu
City:	Suwon-si, Gyeonggi-do
State/Country:	REPUBLIC OF KOREA
Name:	Samsung SDI Co., Ltd.
Street Address:	428-5, Gongse-dong, Giheung-gu
City:	Yongin-si, Gyeonggi-do
State/Country:	REPUBLIC OF KOREA
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13335707
CORRESPONDENCE DATA	
Fax Number:	(626)577-8800
Phone:	626 795-9900
Email:	pto@cph.com
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
Correspondent Name:	CHRISTIE, PARKER & HALE, LLP
Address Line 1:	P.O BOX 29001
Address Line 4:	GLENDALE, CALIFORNIA 91209-9001
ATTORNEY DOCKET NUMBER:	68880/P849 PCH/VDW
NAME OF SUBMITTER:	Peter C. Hsueh
Total Attachments: 3 source=68880_Assignment2#page1.tif source=68880_Assignment2#page2.tif source=68880_Assignment2#page3.tif	

CH \$40.00 13335707

ASSIGNMENT

AS A BELOW NAMED ASSIGNOR, the hereinafter named Assignor individually hereby declare that: IN CONSIDERATION of the sum of TEN (\$10.00) dollars or the equivalent thereof, and other good and valuable consideration, the receipt of which from the hereinafter named Assignee is hereby acknowledged, I do hereby sell, assign and forever grant and convey from the hereinafter named Assignor unto the hereinafter named Assignee:

ASSIGNEE: SAMSUNG ELECTRONICS CO., LTD.

ADDRESS: 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-370, Republic of Korea

AND;

ASSIGNEE: SAMSUNG SDI CO., LTD.

ADDRESS: 428-5, Gongse-dong, Giheung-gu, Yongin-si, Gyeonggi-do, Republic of Korea

Who is my Assignee, and to the successes and assigns of my Assignee, all my right, title and interest, in and for the United States of America and all other countries, including all rights of priority, in and to the invention described in an application or a patent for a United States patent the specification of which is either attached hereto or otherwise accompanies this Assignment or is more particularly identified as:

No.	U.S. Serial No. or Patent No.	Filing date or Issue date
1	13/154,349	6/6/2011
2	12/789,591	5/28/2010
3	13/117,431	5/27/2011
4	12/692,894	1/25/2010
5	13/167,652	6/23/2011
6	13/004,635	1/11/2011
7	12/917,104	11/1/2010
8	13/088,107	4/15/2011
9	12/959,885	12/3/2010
10	12/888,939	9/23/2010
11	12/903,439	10/13/2010
12	13/105,815	5/11/2011
13	12/912,692	10/26/2010
14	13/094,940	4/27/2011
15	13/109,900	5/17/2011
16	12/893,944	9/29/2010
17	12/939,463	11/4/2010
18	13/107,310	5/13/2011
19	13/028,697	2/16/2011
20	13/159,725	6/14/2011
21	13/079,328	4/4/2011
22	12/399,441	3/6/2009
23	12/397,129	3/3/2009
24	7,972,883	7/5/2011
25	12/189,575	8/11/2008
26	12/484,916	6/15/2009
27	12/412,606	3/27/2009

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No.	U.S. Serial No. or Patent No.	Filing date or Issue date
28	7,932,576	4/26/2011
29	13/034,009	2/24/2011
30	12/421,158	4/9/2009
31	12/505,364	7/17/2009
32	12/582,037	10/20/2009
33	12/463,724	5/11/2009
34	12/468,444	5/19/2009
35	12/476,645	6/2/2009
36	12/421,548	4/9/2009
37	12/635,660	12/10/2009
38	12/486,654	6/17/2009
39	12/629,847	12/2/2009
40	12/642,527	12/18/2009
41	12/702,485	2/9/2010
42	12/618,643	11/13/2009
43	12/400,444	3/9/2009
44	12/614,828	11/9/2009
45	12/684,425	1/8/2010
46	12/650,852	12/31/2009
47	12/756,352	4/8/2010
48	12/648,521	12/29/2009
49	12/760,735	4/15/2010
50	12/828,804	7/1/2010
51	12/647,829	12/28/2009
52	12/828,588	7/1/2010
53	12/645,762	12/23/2009
54	12/727,454	3/19/2010
55	12/781,240	5/17/2010
56	12/692,101	1/22/2010
57	12/719,259	3/8/2010
58	12/779,478	5/13/2010
59	12/862,959	8/25/2010
60	12/793,281	6/3/2010
61	12/659,646	3/16/2010
62	13/091,015	4/20/2011
63	12/987,421	1/10/2011
64	12/619,042	11/16/2009
65	12/760,633	4/15/2010
66	12/841,565	7/22/2010
67	12/984,998	1/5/2011

and in and to all United States patents which may be granted thereon and therefore, and in and to all certificates of corrections, divisions, continuations, continuations-in-part, reissued and re-examined patents, and to any extensions thereof, said interest being the entire ownership of the patent when granted, to be held and enjoyed by my Assignee, its successors, assigns or other legal representatives, to the full end of the term, terms, or any extension or renewal thereof, for which said patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment, sale and conveyance had not been made;

AND I hereby covenant and agree to sign and execute any further documents or instruments which may from time-to-time be either necessary, lawful, proper or requested by the Assignee, in the prosecution of the above-named application or patent, or in the preparation and prosecution of any certificate of correction, division, continuation, continuation-in-part, reissue, re-examination, in any amendment, extension, or interference proceeding, whether administrative or judicial, or otherwise, to secure the title hereto in said Assignee;

And I further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

AND I do hereby authorize and request the Commissioner of Patents and Trademarks to issue said Patent or Patents to the Assignee, and I hereby appoint as my, or our attorney, and authorize and request the practitioners associated with Customer No. 66390 of LEXYOUME IP Group, PLLC as my attorney(s) or agent(s) to insert on this Assignment any further identification or to complete such identification which may be either necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, the parties hereto have executed this Assignment as of the date indicated hereunder:

Date: July 21, 2011

By: 

Print Name: Lee, Jung-Min

Title: Principal Engineer (IP Group)
SAMSUNG ELECTRONICS CO., LTD.