

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Byungsoo SONG	02/15/2011
Seonghak MOON	02/15/2011
Victor PUSHCHIN	12/20/2010
Sungchul KIM	12/27/2010
Munbong SONG	12/27/2010
Youngjoon LEE	12/27/2010
Byungchun YU	12/27/2010
Byeongkil AHN	02/15/2011
Svetlana VOLODKINA	02/15/2011

RECEIVING PARTY DATA

Name:	LG ELECTRONICS INC.
Street Address:	20 Yeouido-dong, Yeongdeungpo-gu
City:	Seoul
State/Country:	REPUBLIC OF KOREA
Postal Code:	150-721

Name:	LG DISPLAY CO., LTD.
Street Address:	20 Yeouido-dong, Yeongdeungpo-gu
City:	Seoul
State/Country:	REPUBLIC OF KOREA
Postal Code:	150-721

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13143163

CORRESPONDENCE DATA

CH \$40.00 13143163

501590278

**PATENT
 REEL: 026570 FRAME: 0261**

Fax Number: (703)205-8050
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Address Line 4: Falls Church, VIRGINIA 22040-0747

ATTORNEY DOCKET NUMBER:	1630-0978PUS1
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NAME OF SUBMITTER:	James T. Eller, Jr.
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Total Attachments: 9
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BIRCH, STEWART, KOLASCH & BIRCH, LLP

UNITED STATES PATENT RIGHTS, OR
UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

ASSIGNMENT

Application No. 13/143,163 Filed July 1, 2011

Insert Name(s) of Inventor(s) (Given Name FAMILY NAME (ALL CAPS))

WHEREAS, Byungsoo SONG, Seonghak MOON, Victor PUSHCHIN, Sungchul KIM, Munbong SONG, Youngjoon LEE, Byungchun YU, Byeongkil AHN, Svetlana VOLODKINA (hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in:

Insert Title of Invention

TOUCH PANEL, METHOD FOR DRIVING TOUCH PANEL, AND DISPLAY APPARATUS HAVING TOUCH PANEL

for which an application for Letters Patent of the United States of America has been executed by the undersigned (except in the case of a provisional application)

Insert Date of Signing of Application

On February 15, 2011; and

Insert Name of Assignee
Insert Address of Assignee

WHEREAS, LG ELECTRONICS INC. and LG DISPLAY CO., LTD. of 20 Yeouido-dong, Yeongdeungpo-gu, 150-721, Seoul, Republic of Korea

its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and

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[checked] in any foreign countries.

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents does sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries; and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree (s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

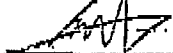

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch & Birch, LLP 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.

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In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

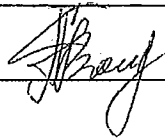
Date	<u>2011, Feb 15th</u>	Name of Inventor	<u></u>
			(signature) Byungsoo SONG
Date	<u>Feb. 15th, 2011</u>	Name of Inventor	<u></u>
			(signature) Seonghak MOON
Date	_____	Name of Inventor	_____
			(signature) Victor PUSECHIN
Date	_____	Name of Inventor	_____
			(signature) Sungchul KIM
Date	_____	Name of Inventor	_____
			(signature) Munbong SONG
Date	_____	Name of Inventor	_____
			(signature) Youngjoon LEE
Date	_____	Name of Inventor	_____
			(signature) Byungchun YU

ATTORNEY DOCKET NO. 1630-0978PUS1

Date 2011. Feb. 15th

Name of Inventor 
(signature) Byeongkil AHN

Date 2011. 02. 15

Name of Inventor 
(signature) Svetlana VOLODKINA

BIRCH, STEWART, KOLASCH & BIRCH, LLP

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ASSIGNMENT

Application No. 13/143,163 Filed July 1, 2011

Insert Name(s) of Inventor(s) ***** (Given Name FAMILY NAME (AEL CAPS)) *****

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Insert Date of Signing of Application

On December 20, 2010 and February 15, 2011; and

Insert Name of Assignee
Insert Address of Assignee

WHEREAS, **LG ELECTRONICS INC. and LG DISPLAY CO., LTD.**

of 20 Yeouido-dong, Yeongdeungpo-gu, 150-721, Seoul, Republic of Korea

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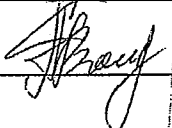
Date _____	Name of Inventor _____ (signature) Byungsoo SONG
Date _____	Name of Inventor _____ (signature) Seonghak MOON
Date <u>2010, December 20</u>	Name of Inventor _____ (signature) Yick RUSHCHIN
Date _____	Name of Inventor _____ (signature) Sungchul KIM
Date _____	Name of Inventor _____ (signature) Munbong SONG
Date _____	Name of Inventor _____ (signature) Youngjoon LEE
Date _____	Name of Inventor _____ (signature) Byungchun YU

ATTORNEY DOCKET NO. 1630-0978PUS1

Date 2011. Feb. 15th

Name of Inventor 
(signature) Byeongki AHN

Date 2011. 02. 15

Name of Inventor 
(signature) Svetlana VOLODKINA

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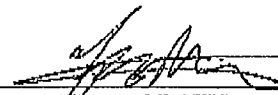
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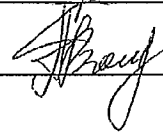
Date _____,	Name of Inventor _____ (signature) Byungsoo SONG
Date _____,	Name of Inventor _____ (signature) Seonghak MOON
Date _____,	Name of Inventor _____ (signature) Victor PUSHCHIN
Date <u>Dec-29th, 2010</u> ,	Name of Inventor <u>Sungchul KIM</u> (signature) Sungchul KIM
Date <u>Dec 27th 2010</u> ,	Name of Inventor <u>Munbong SONG</u> (signature) Munbong SONG
Date <u>Dec. 27th, 2010</u> ,	Name of Inventor <u>Young-Joon LEE</u> (signature) Youngjoon LEE
Date <u>Dec 27th 2010</u> ,	Name of Inventor <u>Byung-Chun YU</u> (signature) Byungchun YU

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Name of Inventor 
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Date 2011. 02. 15

Name of Inventor 
(signature) Svetlana VOLODKINA