## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Ju-Young YOON	02/26/2009
Seok-Won KANG	02/26/2009
Hee-Kwang SONG	02/26/2009
Ho-Sik SHIN	02/26/2009
Eun-Jeong KANG	03/02/2009

#### RECEIVING PARTY DATA

Name:	Samsung Electronics Co., Ltd.	
Street Address:	416 Maetan-dong, Yeongtong-gu	
Internal Address:	Gyeonggi-do	
City:	Suwon-si	
State/Country:	REPUBLIC OF KOREA	

## PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12421312

## **CORRESPONDENCE DATA**

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Correspondent Name: James J. Merrick, Cantor Colburn LLP

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ATTORNEY DOCKET NUMBER: KSA-0157

NAME OF SUBMITTER: James J. Merrick

**PATENT** 

REEL: 022531 FRAME: 0857

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Total Attachments: 4 source=KSA0157Assignment#page1.tif source=KSA0157Assignment#page2.tif source=KSA0157Assignment#page3.tif source=KSA0157Assignment#page4.tif

> PATENT REEL: 022531 FRAME: 0858

#### **ASSIGNMENT**

WHEREAS We, YOON, Ju-Young of #222-1408, Mokdong 2-danji APT, Mok 6-dong, Yangcheon-gu, Seoul, Republic of Korea; KANG, Eun-Jeong of #1003, The Sharp APT, Sinbu-dong, Cheonan-si, Chungcheongnam-do, Republic of Korea; KANG, Seok-Won of #104, New Seoul Yeonrip APT, 118-2 Sam-dong, Kwangju-si, Gyeonggi-do, Republic of Korea; SONG, Hee-Kwang of #103-303, Hyundai Hometown APT, Guiin-dong, Dongan-gu, Ahnyang-si, Gyeonggi-do, Republic of Korea; SHIN, Ho-Sik of The 3rd Floor, 315-24 Seoksu 2-dong, Manan-gu, Ahnyang-si, Gyeonggi-do, Republic of Korea (hereinafter referred to as "ASSIGNORS") have invented certain new and useful improvements in:

## LIQUID CRYSTAL DISPLAY AND METHOD OF DRIVING THE SAME

which claims priority to **Korea** Application No. 10-2008-0035658, filed on April 17, 2008, and for which We are about to file or have filed an application for Letters Patent of the United States;

AND WHEREAS, Samsung Electronics Co., Ltd. (hereinafter referred to as "ASSIGNEE"), a corporation organized and existing under the laws of the Country of Korea having a place of business at 416 Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea is desirous of acquiring an interest in the United States and all foreign countries, in and to the said invention and Letters Patent to be obtained therefor;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that, for good and valuable consideration, the receipt of which is hereby acknowledged, We, the said ASSIGNORS have assigned and transferred, and hereby assign and transfer unto the said ASSIGNEE, the entire right, title and interest in and to said invention in the United States and in all foreign countries, including priority rights, as fully set forth and described in said application; and We do hereby authorize and request the Commissioner of Patents to issue said Letters Patent on said application, and any and all Letters Patent that may be issued upon any and all revivals, refilings, continuations, continuations-in-part, divisions and reissues thereof, to the said ASSIGNEE, an assignee of the entire right, title and interest in and to the same, for the sole use and behoof of ASSIGNEE, its successors and assigns; and We do hereby agree that

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the said ASSIGNEE, may apply for foreign Letters Patent on said invention and that We will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by the said ASSIGNEE, its successors or assigns, and that We will, at the cost and expense of the said ASSIGNEE fully assist and cooperate in all matters in connection with the United States and foreign applications and patents issuing thereon.

The undersigned declare that all statements made herein of their own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date:	February 26, 2009	En En	L.S.
		YOON, Ju-Young	
Date:_		KANG, Eun-Jeong	L.S.
		My cy en	
Date:_	February 26, 2009	KANG, Seok-Won	L.S.
Date:_	February 26, 2009	SONG, Hee-Kwang	L.S.
Date:	February 26, 2009	SHIN, Ho-Sik	L.S.

PATENT 22531 FRAME: 086

#### <u>ASSIGNMENT</u>

WHEREAS We, YOON, Ju-Young of #222-1408, Mokdong 2-danji APT, Mok 6-dong, Yangcheon-gu, Seoul, Republic of Korea; KANG, Eun-Jeong of #1003, The Sharp APT, Sinbu-dong, Cheonan-si, Chungcheongnam-do, Republic of Korea; KANG, Seok-Won of #104, New Seoul Yeonrip APT, 118-2 Sam-dong, Kwangju-si, Gyeonggi-do, Republic of Korea; SONG, Hee-Kwang of #103-303, Hyundai Hometown APT, Guiin-dong, Dongan-gu, Ahnyang-si, Gyeonggi-do, Republic of Korea; SHIN, Ho-Sik of The 3rd Floor, 315-24 Seoksu 2-dong, Manan-gu, Ahnyang-si, Gyeonggi-do, Republic of Korea (hereinafter referred to as "ASSIGNORS") have invented certain new and useful improvements in:

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NOW THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that, for good and valuable consideration, the receipt of which is hereby acknowledged, We, the said ASSIGNORS have assigned and transferred, and hereby assign and transfer unto the said ASSIGNEE, the entire right, title and interest in and to said invention in the United States and in all foreign countries, including priority rights, as fully set forth and described in said application; and We do hereby authorize and request the Commissioner of Patents to issue said Letters Patent on said application, and any and all Letters Patent that may be issued upon any and all revivals, refilings, continuations, continuations-in-part, divisions and reissues thereof, to the said ASSIGNEE, an assignee of the entire right, title and interest in and to the same, for the sole use and behoof of ASSIGNEE, its successors and assigns; and We do hereby agree that

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the said ASSIGNEE, may apply for foreign Letters Patent on said invention and that We will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by the said ASSIGNEE, its successors or assigns, and that We will, at the cost and expense of the said ASSIGNEE fully assist and cooperate in all matters in connection with the United States and foreign applications and patents issuing thereon.

The undersigned declare that all statements made herein of their own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date:	•	L.S.
	YOON, Ju-Young	
Date: 2009. 3. 2	KANG, Eun-Jeong	L.S.
Date:	YANG Call Wa	L.S.
	KANG, Seok-Won	
Date:		L.S.
	SONG, Hee-Kwang	
Date:		L.S.
	SHIN, Ho-Sik	

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RECORDED: 04/10/2009