

# PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT																
NATURE OF CONVEYANCE:	ASSIGNMENT																
<b>CONVEYING PARTY DATA</b>																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr><td>Chun-Gi YOU</td><td>04/13/2009</td></tr> <tr><td>Kap-Soo YOON</td><td>04/13/2009</td></tr> <tr><td>Gug-Rae JO</td><td>04/13/2009</td></tr> <tr><td>Sung-Hoon YANG</td><td>04/13/2009</td></tr> <tr><td>Ki-Hun JEONG</td><td>04/13/2009</td></tr> <tr><td>Seung-Hwan SHIM</td><td>05/20/2009</td></tr> <tr><td>Jae-Ho CHO</td><td>04/13/2009</td></tr> </tbody> </table>		Name	Execution Date	Chun-Gi YOU	04/13/2009	Kap-Soo YOON	04/13/2009	Gug-Rae JO	04/13/2009	Sung-Hoon YANG	04/13/2009	Ki-Hun JEONG	04/13/2009	Seung-Hwan SHIM	05/20/2009	Jae-Ho CHO	04/13/2009
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<b>CORRESPONDENCE DATA</b>																	
<p>Fax Number: (516)692-8889  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 516-692-8888        Email: gonta@chauiplaw.com</p> <p>Correspondent Name: F. CHAU &amp; ASSOCIATES, LLC        Address Line 1: 130 WOODBURY ROAD        Address Line 4: WOODBURY, NEW YORK 11797</p>																	
ATTORNEY DOCKET NUMBER:	8054L-548 (LX5069US)																
NAME OF SUBMITTER:	Frank Chau																

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**PATENT**  
**REEL: 022839 FRAME: 0710**

Total Attachments: 4

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## ASSIGNMENT

AS A BELOW NAMED INVENTOR, I, and each of us, 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 unto:

ASSIGNEE: Samsung Electronics Co., Ltd.

ADDRESS: 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, 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 entitled:

**TITLE: DISPLAY SUBSTRATE AND METHOD OF MANUFACTURING THE SAME**

invented by me (if only one inventor is named below) or us (if more than one inventor is named  
below) and described in an application for a United States patent the specification of which is  
either attached hereto or otherwise accompanies this Assignment or indicates an attorney  
docket no. 8054L-548(LX5069US), or is more particularly identified as:

- ☒ executed on even date herewith, or  
☐ Serial No. \_\_\_\_\_ filed in the U.S. Patent & Trademark Office on \_\_\_\_\_, or  
☐ executed on \_\_\_\_\_

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 said **SAMSUNG ELECTRONICS CO., LTD.**, 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 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 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 **Frank Chau, Reg. No. 34,136**, 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, I and we have set our hands and seals on the dates written beside my and our respective names:

	<u>INVENTOR(S)</u>	<u>Date Signed</u>
(1)	<u>Chun-Gi You</u> Chun-Gi YOU	<u>2009. 04. 13</u>
(2)	<u>Kap-Soo YOON</u> Kap-Soo YOON	<u>2009. 4. 13</u>
(3)	<u>To</u> Gug-Rae JO	<u>2009. 04. 13</u>
(4)	<u>Sung-Hoon YANG</u> Sung-Hoon YANG	<u>09. 4. 13</u>
(5)	<u>Ki-Hun JEONG</u> Ki-Hun JEONG	<u>09. 4. 13</u>
(6)	<u>Seung-Hwan SHIM</u> Seung-Hwan SHIM	<u></u>
(7)	<u>Jae-Ho CHOI</u> Jae-Ho CHOI	<u>09. 4. 13</u>

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AS A BELOW NAMED INVENTOR, I, and each of us, 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 unto:

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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 entitled:

**TITLE: DISPLAY SUBSTRATE AND METHOD OF MANUFACTURING THE SAME**

invented by me (*if only one inventor is named below*) or us (*if more than one inventor is named below*) and described in an application for a United States patent the specification of which is either attached hereto or otherwise accompanies this Assignment or indicates an attorney docket no. 8054L-548(LX5069US), or is more particularly identified as:


- ☒ executed on even date herewith, or  
☐ Serial No. \_\_\_\_\_ filed in the U.S. Patent & Trademark Office on \_\_\_\_\_, or  
☐ executed on \_\_\_\_\_,

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 said **SAMSUNG ELECTRONICS CO., LTD.**, 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 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 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 **Frank Chau, Reg. No. 34,136**, 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.

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(6)	_____  Seung-Hwan SHIM	_____ 020/05/2009
(7)	_____ Jae-Ho CHOI	_____