

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Se Hyoung CHO</td> <td>01/18/2013</td> </tr> <tr> <td>MEEHYE JUNG</td> <td>01/18/2013</td> </tr> <tr> <td>Sunhwa LEE</td> <td>01/18/2013</td> </tr> <tr> <td>SUNGHWAN WON</td> <td>01/18/2013</td> </tr> <tr> <td>CHONGCHUL CHAI</td> <td>01/18/2013</td> </tr> </tbody> </table>		Name	Execution Date	Se Hyoung CHO	01/18/2013	MEEHYE JUNG	01/18/2013	Sunhwa LEE	01/18/2013	SUNGHWAN WON	01/18/2013	CHONGCHUL CHAI	01/18/2013
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CHONGCHUL CHAI	01/18/2013												
RECEIVING PARTY DATA													
Name:	Samsung Display Co., Ltd.												
Street Address:	95, Samsung 2 Ro, Giheung-Gu												
City:	Yongin-City, Gyeonggi-Do												
State/Country:	KOREA, REPUBLIC OF												
PROPERTY NUMBERS Total: 1													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13772758</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13772758								
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Application Number:	13772758												
CORRESPONDENCE DATA													
Fax Number:	8602860115												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
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ATTORNEY DOCKET NUMBER:	HAA0281US												
NAME OF SUBMITTER:	Amy Bizon-Copp												
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DOCKET NO. HAA0281US1

ASSIGNMENT

WHEREAS We, **CHO, Se Hyoung** of 101-1001, Parkrio Apt., 17, Sincheon-dong, Songpa-gu, Seoul, Republic of Korea; **JUNG, MEEHYE** of 824-1402, Daelim Jinheung Apt., Jeongja-dong, Jangan-gu, Suwon-si, Gyeonggi-do, Republic of Korea; **LEE, Sunhwa** of 204-303, Hyundai Apt., Yongsang-dong, Andong-si, Gyeongbuk-do, Republic of Korea; **WON, SUNGHWAN** of 202-416, Wolgye Jugong 2 danji Apt., Wolgye 2-dong, Nowon-gu, Seoul, Republic of Korea; **CHAI, CHONGCHUL** of 116-2701, Samsung Raemian Firstige Apt., Banpo-dong, Seocho-gu, Seoul, Republic of Korea (hereinafter referred to as "ASSIGNORS") have invented certain new and useful improvements in:

NANOCRYSTAL DISPLAY

which claims priority to **Korean Patent Application No. 10-2012-0115020** filed **October 16, 2012** and for which We are about to file or have filed an application for Letters Patent of the United States;

AND WHEREAS, **SAMSUNG DISPLAY 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 **95, Samsung 2 Ro, Giheung-Gu, Yongin-City, Gyeonggi-Do, 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: 2013. 1. 18 Cho, Se-Hyoung L.S.
CHO, Se Hyoung

Date: 2013. 1. 18 Jung, Meehye L.S.
JUNG, MEEHYE

Date: 2013. 1. 18 Lee Sunhwa L.S.
LEE, Sunhwa

Date: 2013. 1. 18 Won, Sunghwan L.S.
WON, SUNGHWAN

Date: 2013. 1. 18 Chai Chongchul L.S.
CHAI, CHONGCHUL