

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>Shin Ae JUN</td> <td>09/06/2013</td> </tr> <tr> <td>Eun Joo JANG</td> <td>09/06/2013</td> </tr> <tr> <td>Soo Kyung KWON</td> <td>09/06/2013</td> </tr> <tr> <td>Taek Hoon KIM</td> <td>09/06/2013</td> </tr> <tr> <td>Won Joo LEE</td> <td>09/06/2013</td> </tr> </tbody> </table>		Name	Execution Date	Shin Ae JUN	09/06/2013	Eun Joo JANG	09/06/2013	Soo Kyung KWON	09/06/2013	Taek Hoon KIM	09/06/2013	Won Joo LEE	09/06/2013
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<table border="1"> <tr> <td>Name:</td> <td>SAMSUNG ELECTRONICS CO., LTD.</td> </tr> <tr> <td>Street Address:</td> <td>129, Samsung-ro, Yeongtong-gu</td> </tr> <tr> <td>City:</td> <td>Suwon-si, Gyeonggi-do</td> </tr> <tr> <td>State/Country:</td> <td>KOREA, REPUBLIC OF</td> </tr> <tr> <td>Postal Code:</td> <td>443-742</td> </tr> </table>		Name:	SAMSUNG ELECTRONICS CO., LTD.	Street Address:	129, Samsung-ro, Yeongtong-gu	City:	Suwon-si, Gyeonggi-do	State/Country:	KOREA, REPUBLIC OF	Postal Code:	443-742		
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CORRESPONDENCE DATA													
<p>Fax Number: 8602860115 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 860-286-2929 Email: sgarbo@cantorcolburn.com Correspondent Name: CANTOR COLBURN LLP Address Line 1: 20 Church Street Address Line 2: 22nd Floor Address Line 4: Hartford, CONNECTICUT 06103</p>													
ATTORNEY DOCKET NUMBER:	PNK1062US												
NAME OF SUBMITTER:	Grant M. Ehrlich, Ph. D.												

OP \$40.00 14039788

Signature:	/Grant M. Ehrlich/
Date:	09/27/2013
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 2 source=6UL3141#page1.tif source=6UL3141#page2.tif	

DECLARATION AND ASSIGNMENT

Title of Invention: **SEMICONDUCTOR NANOCRYSTAL, AND METHOD OF PREPARING THE SAME**

As a below named inventor, I hereby declare that:

This declaration is directed to:

☒ the attached application (Attorney Docket Number PNK1062US), or

☐ United States application or PCT international application number _____
filed on _____.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I have reviewed and understand the contents of the application, including the claims.

I am aware of the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR Section 1.56.

Whereas, each undersigned inventor has made certain inventions, improvements, and discoveries (herein referred to as the "INVENTION") disclosed in the above-identified patent application (herein referred to as the ("APPLICATION");

Whereas, SAMSUNG ELECTRONICS CO., LTD., a corporation of the Republic of Korea having a place of business at 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 443-742, Republic of Korea (herein referred to as "ASSIGNEE"), desires to acquire, and each undersigned inventor desires to grant to ASSIGNEE, the entire worldwide right, title, and interest in and to the INVENTION and in and to any and all patent applications and patents directed thereto;

Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, each undersigned inventor (herein referred to ASSIGNOR") hereby sells or has sold, assigns or has assigned, and otherwise transfers or has transferred to the ASSIGNEE, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the INVENTION, the APPLICATION, and any and all other patent applications and patents for the INVENTION which may be applied for or granted therefor in the United States and in all foreign countries and jurisdictions, including all divisions, continuations, continuations-in-part, reissues, reexaminations, renewals, extensions, counterparts, substitutes, and extensions thereof, and all rights of priority resulting from the filing of such applications and granting of such patents. In addition, each undersigned inventor hereby authorizes and requests the Director of the United States Patent and Trademark Office to issue any United States Patent, and foreign patent authorities to issue any foreign patent, granted for the INVENTION, to ASSIGNEE, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the same to be held and enjoyed by ASSIGNEE, its successors, legal representatives, and assigns to the full end of the terms for which any and all such patents may be granted, as fully and entirely as would have been held and enjoyed by the undersigned

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had this Assignment not been made; and each undersigned inventor agrees to execute any and all documents and instruments and perform all lawful acts reasonably related to recording this Assignment or perfecting title to the INVENTION, the APPLICATION, and all related patents and applications, in ASSIGNEE, its successors, legal representatives, and assigns, whenever requested by ASSIGNEE, its successors, legal representatives, and assigns.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Legal Name of Inventor: Shin Ae JUN

Signature: Shin Ae Jun Date: September 6, 2013

Legal Name of Inventor: Eun Joo JANG

Signature: Eun Joo Jang Date: September 6, 2013

Legal Name of Inventor: Soo Kyung KWON

Signature: Soo Kyung Kwon Date: September 6, 2013

Legal Name of Inventor: Taek Hoon KIM

Signature: Taekhoon Kim Date: September 6, 2013

Legal Name of Inventor: Woo Joo LEE

Signature: Woo Joo Lee Date: September 6, 2013