

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Seung Nam CHA</td> <td>09/22/2008</td> </tr> <tr> <td>Jae Eun JANG</td> <td>09/22/2008</td> </tr> <tr> <td>Byong Gwon SONG</td> <td>09/22/2008</td> </tr> </tbody> </table>		Name	Execution Date	Seung Nam CHA	09/22/2008	Jae Eun JANG	09/22/2008	Byong Gwon SONG	09/22/2008
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Seung Nam CHA	09/22/2008								
Jae Eun JANG	09/22/2008								
Byong Gwon SONG	09/22/2008								
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								
Postal Code:	442-742								
PROPERTY NUMBERS Total: 1									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12236559</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12236559				
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Application Number:	12236559								
CORRESPONDENCE DATA									
Fax Number:	(860)286-0115								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
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NAME OF SUBMITTER:	Jaegyo Jang								
Total Attachments: 2									

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**PATENT
 REEL: 021576 FRAME: 0888**

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ASSIGNMENT

WHEREAS We, **CHA, Seung Nam** of 7-307, Hanyang Apt., Jayang 2-dong, Gwangjin-gu, Seoul, 143-771, Republic of Korea, **JANG, Jae Eun** of 103-504, Geoseong 1 Cha Apt., Gaebong 1-dong, Guro-gu, Seoul 152-751, Republic of Korea, and **SONG, Byong Gwon** of #701, 333-9, Yangjae 2-dong, Seocho-gu, Seoul, 137-897 Republic of Korea (hereinafter referred to as "ASSIGNORS"); have invented certain new and useful improvements in:

METHOD OF MANUFACTURING ZINC OXIDE NANOWIRES

which claims priority to **Korean** Application No. 10-2008-0026871, filed on March 24, 2008, and for which We are about to file 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 **Republic of Korea**, having a place of business at **416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 442-742, 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 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: September 22, 2008



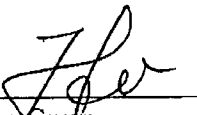
CHA, Seung Nam L.S.

Date: September 22, 2008



JANG, Jae Eun L.S.

Date: September 22, 2008



SONG, Byong Gwon L.S.