

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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>Seon-mi YOON</td><td>02/20/2008</td></tr><tr><td>Seong-jae CHOI</td><td>02/20/2008</td></tr><tr><td>Hyeon-jin SHIN</td><td>02/20/2008</td></tr><tr><td>Jae-young CHOI</td><td>02/20/2008</td></tr><tr><td>Sung-jin KIM</td><td>02/20/2008</td></tr><tr><td>Young-hee LEE</td><td>02/20/2008</td></tr></tbody></table>	Name	Execution Date	Seon-mi YOON	02/20/2008	Seong-jae CHOI	02/20/2008	Hyeon-jin SHIN	02/20/2008	Jae-young CHOI	02/20/2008	Sung-jin KIM	02/20/2008	Young-hee LEE	02/20/2008	
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Young-hee LEE	02/20/2008														
RECEIVING PARTY DATA															
Name:	Samsung Electronics Co., Ltd.														
Street Address:	416, Maetan-dong, Yeongtong-gu														
City:	Suwon-si, Gyeonggi-do														
State/Country:	REPUBLIC OF KOREA														
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>12043519</td></tr></tbody></table>	Property Type	Number	Application Number:	12043519											
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Application Number:	12043519														
CORRESPONDENCE DATA															
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NAME OF SUBMITTER:	David E. Rodrigues														

CH \$40.00 12043519

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PATENT  
REEL: 020611 FRAME: 0555

Total Attachments: 2

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**PATENT**

**REEL: 020611 FRAME: 0556**

ASSIGNMENT

WHEREAS We, Seon-mi YOON of c/o Samsung Advanced Institute of Technology, San 14-1 Nongseo-dong, Giheung-gu, Yongin-si, Gyeonggi-do, Republic of Korea, Seong-jae CHOI of c/o Samsung Advanced Institute of Technology, San 14-1 Nongseo-dong, Giheung-gu, Yongin-si, Gyeonggi-do, Republic of Korea, Hyeon-jin SHIN of c/o Samsung Advanced Institute of Technology, San 14-1 Nongseo-dong, Giheung-gu, Yongin-si, Gyeonggi-do, Republic of Korea, Jae-young CHOI of c/o Samsung Advanced Institute of Technology, San 14-1 Nongseo-dong, Giheung-gu, Yongin-si, Gyeonggi-do, Republic of Korea, Sung-jin KIM of c/o Sungkyunkwan Univ., Myeongnyun-dong 3-ga, Jongno-gu, Seoul, Republic of Korea and Young-hee LEE of c/o Sungkyunkwan Univ., Myeongnyun-dong 3-ga, Jongno-gu, Seoul, Republic of Korea (hereinafter referred to as "ASSIGNORS"); have invented certain new and useful improvements in:

**CARBON NANOTUBE HAVING IMPROVED CONDUCTIVITY, PROCESS OF  
PREPARING THE SAME, AND ELECTRODE COMPRISING THE CARBON  
NANOTUBE**

which claims priority to Korean Application No. 10-2007-0052868, filed on 30 May 2007, 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 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 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: 20/February/2008

Seon-mi Yoon L.S.  
Seon-mi YOON

Date: 20/February/2008

Seong-jae Choi L.S.  
Seong-jae CHOI

Date: 20/February/2008

Hyeon-jin Shin L.S.  
Hyeon-jin SHIN

Date: 20/February/2008

Jae-young Choi L.S.  
Jae-young CHOI

Date: 20/February/2008

Sung-jin Kim L.S.  
Sung-jin KIM

Date: 20/February/2008

Young-hee Lee L.S.  
Young-hee LEE