

PATENT ASSIGNMENT

Electronic Version v1.1
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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>Kyu-youn HWANG</td> <td>03/15/2006</td> </tr> <tr> <td>Joon-ho KIM</td> <td>03/15/2006</td> </tr> <tr> <td>Chang-eun YOO</td> <td>03/15/2006</td> </tr> <tr> <td>Hun-joo LEE</td> <td>03/15/2006</td> </tr> <tr> <td>Hee-kyun LIM</td> <td>03/15/2006</td> </tr> <tr> <td>Sung-young JEONG</td> <td>03/15/2006</td> </tr> <tr> <td>Jeo-young SHIM</td> <td>03/15/2006</td> </tr> </tbody> </table>		Name	Execution Date	Kyu-youn HWANG	03/15/2006	Joon-ho KIM	03/15/2006	Chang-eun YOO	03/15/2006	Hun-joo LEE	03/15/2006	Hee-kyun LIM	03/15/2006	Sung-young JEONG	03/15/2006	Jeo-young SHIM	03/15/2006
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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" 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>12141894</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12141894												
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Application Number:	12141894																
CORRESPONDENCE DATA																	
Fax Number:	(860)286-0115																
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																	
Phone:	8602862929																
Email:	vjones@cantorcolburn.com																
Correspondent Name:	Cantor Colburn LLP																
Address Line 1:	20 Church Street																
Address Line 2:	22nd Floor																
Address Line 4:	Hartford, CONNECTICUT 06103																
ATTORNEY DOCKET NUMBER:	YPL-0205-C																

CH \$40.00 12141894

NAME OF SUBMITTER:

Dana A. Gronbeck

Total Attachments: 2

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ASSIGNMENT

WHEREAS We, [Kyu-youn Hwang] of [12-131 (18/6) Bupyeong 4-dong, Bupyeong-gu, Incheon-si, Republic of Korea], [Joon-ho Kim] of [103-401 Mujigae Maeul Daelim Apt., 211 Gumi-dong, Bundang-gu, Seongnam-si, Gyeonggi-do, Republic of Korea], [Chang-eun Yoo] of [314-13 Sadang 4-dong, Dongjak-gu, Seoul, Republic of Korea], [Hun-joo Lee] of [A-304 Samhyong Park, 154-1 Pyeongchang-dong, Jongno-gu, Seoul, Republic of Korea], [Hee-kyun Lim] of [147-602 Hwanggol Maeul Jugong 1-danji Apt., 955-1 Yeongtong-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea], [Sung-young Jeong] of [c/o Samsung Advanced Institute of Technology, San 14-1 Nongseo-ri, Giheung-eub, Yongin-si, Gyeonggi-do, Republic of Korea], and [Jeo-young Shim] of [101-106 Sejong Regencyvill, 2-3 Gugal-ri, Giheung-eub, Yongin-si, Gyeonggi-do, Republic of Korea] (hereinafter referred to as "ASSIGNORS"); have invented certain new and useful improvements in:

[METHOD OF ISOLATING NUCLEIC ACID USING MATERIAL POSITIVELY CHARGED AT FIRST pH AND CONTAINING AMINO GROUP AND CARBOXYL GROUP]

which claims priority to [Korean] Application No. 10-2004-0111165 filed on 23 December 2004, 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, 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: 15 March 2006



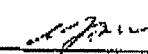
[Kyu-youn Hwang]

Date: 15 March 2006



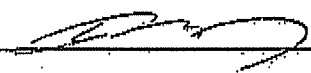
[Joon-ho Kim]

Date: 15 March 2006



[Chang-eun Yoo] L.S.

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[Hun-joo Lee] L.S.

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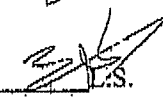
[Hee-kyun Lim] L.S.

Date: 15 March 2006



[Sung-young Jeong] L.S.

Date: 15 March 2006



[Jeo-young Shim] L.S.