

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>Joo-won RHEE</td><td>09/22/2008</td></tr><tr><td>Young-sun LEE</td><td>09/26/2008</td></tr><tr><td>Kak NAMKOONG</td><td>09/22/2008</td></tr><tr><td>Chin-sung PARK</td><td>09/22/2008</td></tr></tbody></table>	Name	Execution Date	Joo-won RHEE	09/22/2008	Young-sun LEE	09/26/2008	Kak NAMKOONG	09/22/2008	Chin-sung PARK	09/22/2008	
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Chin-sung PARK	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										
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>12247433</td></tr></tbody></table>	Property Type	Number	Application Number:	12247433							
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Application Number:	12247433										
CORRESPONDENCE DATA											
Fax Number:	(202)293-7860										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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Email:	thall@sughrue.com										
Correspondent Name:	SUGHRUE MION, PLLC										
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Address Line 4:	WASHINGTON, DISTRICT OF COLUMBIA 20037										
ATTORNEY DOCKET NUMBER:	Q108017										
NAME OF SUBMITTER:	Darryl Mexic										
Total Attachments: 1											

CH 12247433 \$40.00

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PATENT
REEL: 021647 FRAME: 0226

Assignment

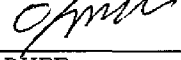
Whereas, I/We, Joo-won RHEE of Daejeon, Republic of Korea; Young-sun LEE of Yongin-si, Republic of Korea; Kak NAMKOONG of Seoul, Republic of Korea; and Chin-sung PARK of Yongin-si, Republic of Korea, hereinafter called assignor(s), have invented certain improvements in METHOD OF AMPLIFYING A TARGET NUCLEIC ACID BY ROLLING CIRCLE AMPLIFICATION and executed an application for Letters Patent of the United States of America therefor on _____; and

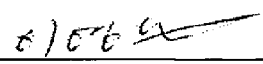
Whereas, SAMSUNG ELECTRONICS CO., LTD., 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;


Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

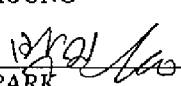
I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, including the right to claim priority under 35 U.S.C. §119, and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

I/We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number Not Yet Assigned and Confirmation number Not Yet Assigned, filed _____) the application number and filing date of said application when known.

Date: 2008.09.22 
s/Joo-won RHEE

Date: 2008.09.26 
s/Young-sun LEE

Date: 2008.09.22 
s/Kak NAMKOONG

Date: 2008.09.22 
s/Chin-sung PARK

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)