

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 style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Dongyun SHIN</td> <td>10/20/2009</td> </tr> <tr> <td>Dae-Ro AHN</td> <td>10/20/2009</td> </tr> <tr> <td>Hee-Chul AHN</td> <td>10/20/2009</td> </tr> </tbody> </table>		Name	Execution Date	Dongyun SHIN	10/20/2009	Dae-Ro AHN	10/20/2009	Hee-Chul AHN	10/20/2009				
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Korea Institute of Science and Technology</td> </tr> <tr> <td>Street Address:</td> <td>39-1 Hawolgok-dong</td> </tr> <tr> <td>Internal Address:</td> <td>Seongbuk-gu</td> </tr> <tr> <td>City:</td> <td>Seoul</td> </tr> <tr> <td>State/Country:</td> <td>REPUBLIC OF KOREA</td> </tr> <tr> <td>Postal Code:</td> <td>136-792</td> </tr> </table>		Name:	Korea Institute of Science and Technology	Street Address:	39-1 Hawolgok-dong	Internal Address:	Seongbuk-gu	City:	Seoul	State/Country:	REPUBLIC OF KOREA	Postal Code:	136-792
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CORRESPONDENCE DATA													
<p>Fax Number: (303)499-8089</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 3034998080</p> <p>Email: rfriedland@greenwin.com</p> <p>Correspondent Name: Ronald Friedland</p> <p>Address Line 1: 4875 Pearl East Circle, Suite 200</p> <p>Address Line 4: Boulder, COLORADO 80301</p>													
ATTORNEY DOCKET NUMBER:	130-09												
NAME OF SUBMITTER:	GARY B. CHAPMAN												
<p>Total Attachments: 2</p> <p>source=130-09_US_exd_assignment2#page1.tif</p>													

CH \$40.00 12605672

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PATENT
REEL: 023423 FRAME: 0423

Docket No. 130-09

ASSIGNMENT OF RIGHTS, TITLE AND INTEREST IN INVENTION

This is an assignment of the following rights, title and interest (check all that apply):

- ☒ *United States of America rights, title and interest in the invention*
- ☐ *Foreign rights, title and interest in the invention*
- ☒ *United States Patent Application Serial No.* 12/605,672
Date of Execution: _____ *Date of Filing:* 10/26/2009
- ☐ *United States Provisional Patent Application Serial No.* _____
- ☐ *United States Patent No(s).* _____
- ☐ *International (PCT) Patent Application Serial No.* _____
- ☐ *Other (specify)* _____

Title of the Invention:

3'-O-FLUORESCENTLY MODIFIED NUCLEOTIDES AND USES THEREOF

Inventors (assignors):

<i>Name</i>	<i>Address</i>
SHIN, Dongyun	122-1, Cheongdam-dong, Gangnam-gu Seoul 135-100, Republic of Korea
AHN, Dae-Ro	39-1, Hawolgok-dong, Seongbuk-gu Seoul 136-791, Republic of Korea
AHN, Hee-Chul	#1-802 Woo-Sung Apt., Daechi-3dong Gangnam-gu, Seoul 135-834, Republic of Korea

Assignee:

<i>Name</i>	<i>Address</i>
KOREA INSTITUTE OF SCIENCE AND TECHNOLOGY	39-1 Hawolgok-dong, Seongbuk-gu, Seoul 136-792, Republic of Korea

Whereas, we, the above-identified Inventors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and /or patent(s) (hereinafter referred to as "Invention");

And, whereas we desire to assign our above-identified rights, title and interest in the Invention to the above-identified Assignees;

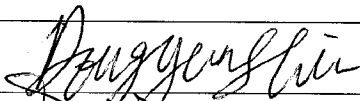


Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said Invention, and in and to any and all reissues and reexaminations thereof, which may be granted or have granted for said Invention, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignees;

And we hereby authorize and request the Commissioner of Patents and Trademarks to issue any United States Letters Patent which may issue for said Invention to said Assignees, as assignee of the whole right, title and interest thereto;

And we further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuation-in-part of said application for patent and/or for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignees or its Designee(s) may from time to time require and prepare at its own expense.

Inventors' Signatures:

Name	Signature/ Date
SHIN, Dongyun	 October 20, 2009
AHN, Dae-Ro	 October 20, 2009
AHN, Hee-Chul	 October 20, 2009