

PATENT ASSIGNMENT

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| 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>Chuan He</td> <td>08/14/2013</td> </tr> <tr> <td>Liang Zhang</td> <td>08/13/2013</td> </tr> <tr> <td>Xingyu Lu</td> <td>08/13/2013</td> </tr> </tbody> </table> | | Name | Execution Date | Chuan He | 08/14/2013 | Liang Zhang | 08/13/2013 | Xingyu Lu | 08/13/2013 |
| Name | Execution Date | | | | | | | | |
| Chuan He | 08/14/2013 | | | | | | | | |
| Liang Zhang | 08/13/2013 | | | | | | | | |
| Xingyu Lu | 08/13/2013 | | | | | | | | |
| RECEIVING PARTY DATA | | | | | | | | | |
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| State/Country: | ILLINOIS | | | | | | | | |
| Postal Code: | 60637 | | | | | | | | |
| 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>13868661</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 13868661 | | | | |
| Property Type | Number | | | | | | | | |
| Application Number: | 13868661 | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | |
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| NAME OF SUBMITTER: | Jacqueline L. Lim | | | | | | | | |
| Signature: | /Jacqueline Lim/ | | | | | | | | |

Date:

08/30/2013

Total Attachments: 2

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ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS,

Chuan He of 5543 South Kenwood Avenue, Chicago, Illinois 60637, USA,

Liang Zhang of 1401 E 55th Street, Apt. 909N, Chicago, Illinois 60615, USA, and

Xingyu Lu of 5050 South Lakeshore Drive, Apt. 1211, Chicago, Illinois 60615, USA,

hereinafter referred to as "Assignor(s)," is/are the inventor(s) of the invention described and set forth in the below-identified patent application:

| | |
|---------------------|--|
| Title of Invention: | IDENTIFICATION OF 5-METHYL-C IN NUCLEIC ACID TEMPLATES |
| Filing Date: | April 23, 2013 |
| Application No.: | 13/868,661; and |

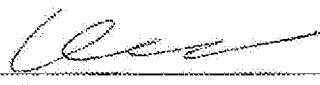
WHEREAS, University of Chicago, located at UChicagoTech, Office of Technology and Intellectual Property, University of Chicago, Edystone Center, 6030 S. Ellis Ave., Suite 2S, Chicago, IL 60637, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on any patent application claiming priority from the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignor(s), Assignor(s) has/have assigned, and by these presents does/do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on any patent application claiming priority from the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignor(s) had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

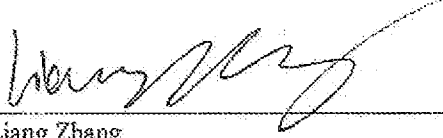
Assignor(s) further agree(s) that Assignor(s) will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignor(s) has/have signed his/her/their name(s) on the date indicated.

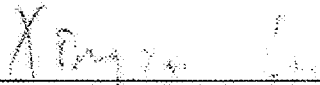
8/14/2013
Dated


Chuan He

8/13/2013
Dated


Liang Zhang

8/13/2013
Dated


Xingyu Lu