

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

| 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>Minghui Yang</td> <td>12/21/2009</td> </tr> <tr> <td>Yordan Kostov</td> <td>01/13/2010</td> </tr> </tbody> </table> | | Name | Execution Date | Minghui Yang | 12/21/2009 | Yordan Kostov | 01/13/2010 | | | | |
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| Minghui Yang | 12/21/2009 | | | | | | | | | | |
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| RECEIVING PARTY DATA | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>University of Maryland, Baltimore County</td> </tr> <tr> <td>Street Address:</td> <td>1000 Hilltop Circle</td> </tr> <tr> <td>City:</td> <td>Baltimore</td> </tr> <tr> <td>State/Country:</td> <td>MARYLAND</td> </tr> <tr> <td>Postal Code:</td> <td>21250</td> </tr> </table> | | Name: | University of Maryland, Baltimore County | Street Address: | 1000 Hilltop Circle | City: | Baltimore | State/Country: | MARYLAND | Postal Code: | 21250 |
| Name: | University of Maryland, Baltimore County | | | | | | | | | | |
| Street Address: | 1000 Hilltop Circle | | | | | | | | | | |
| City: | Baltimore | | | | | | | | | | |
| State/Country: | MARYLAND | | | | | | | | | | |
| Postal Code: | 21250 | | | | | | | | | | |
| PROPERTY NUMBERS Total: 2 | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th style="width: 70%;">Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>61115846</td> </tr> <tr> <td>PCT Number:</td> <td>US0964938</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 61115846 | PCT Number: | US0964938 | | | | |
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| Application Number: | 61115846 | | | | | | | | | | |
| PCT Number: | US0964938 | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | |
| <p>Fax Number: (503)595-5301</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 503-595-5300</p> <p>Email: cynthia.shaw@klarquist.com</p> <p>Correspondent Name: Klarquist Sparkman, LLP</p> <p>Address Line 1: 121 SW Salmon Street</p> <p>Address Line 2: Suite 1600</p> <p>Address Line 4: Portland, OREGON 97204</p> | | | | | | | | | | | |
| ATTORNEY DOCKET NUMBER: | 4239-82248-02 | | | | | | | | | | |
| NAME OF SUBMITTER: | Robert F. Scotti | | | | | | | | | | |
| <p>Total Attachments: 3</p> <p>source=1342143#page1.tif</p> | | | | | | | | | | | |

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ASSIGNMENT

WHEREAS, we, Minghui Yang, of city of Milwaukee, State of Wisconsin, and Yordan Kostov, of city of Columbia, State of Maryland, have invented, along with others, a certain invention, entitled A SEMICONDUCTOR FOR MEASURING BIOLOGICAL INTERACTIONS, for which the following applications have been filed:

U.S. Provisional Application No. 61/115,846, filed November 18, 2008
PCT Patent Application No. PCT/US2009/064938, filed November 18, 2009

WHEREAS, UNIVERSITY OF MARYLAND, BALTIMORE COUNTY, having a place of business at 1000 Hilltop Circle, Baltimore, Maryland 21250, desires to acquire an interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, Minghui Yang and Yordan Kostov, hereby sell, assign and transfer to UNIVERSITY OF MARYLAND, BALTIMORE COUNTY, the full and exclusive right, title and interest in and to said invention, patent application and patent rights throughout the world, including foreign patent priority rights, the right to file and prosecute International Applications under the Patent Cooperation Treaty, and the right to file and prosecute applications under the European Patent Convention; said invention, application and letters patent in this or any foreign country, and all divisions, continuations, reissues and extensions thereof, to be held and enjoyed by UNIVERSITY OF MARYLAND, BALTIMORE COUNTY, for its own use and benefit, and for its successors and assigns to the full end of the term for which letters patent may be granted in this or any foreign country, as fully and entirely as the same would have been held by us had

this assignment and sale not been made, and covenant that we have full right so to do, and agree that we will communicate to UNIVERSITY OF MARYLAND, BALTIMORE COUNTY, or its successors and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths, and do everything possible to aid UNIVERSITY OF MARYLAND, BALTIMORE COUNTY, its successors and assigns to obtain and enforce proper patent protection for said invention in this or any foreign country.

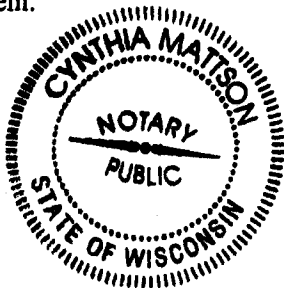
We hereby grant the law firm of Klarquist Sparkman, LLP, the power to insert on this Assignment any further information which may be necessary or desirable in order to comply with all applicable legal requirements, including the rules of the United States Patent and Trademark Office, for submitting and recording this document.

Executed at WYOMING, State of WI, this 21 day of December, 2009.

Minghui Yang
Minghui Yang

STATE OF WISCONSIN
COUNTY OF FOND DU LAC ss.

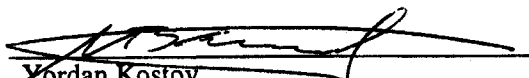
This 21 day of December, 2009, before me personally came the above-named Minghui Yang, who executed the foregoing instrument in my presence, and who acknowledged to me that this instrument was executed by Minghui Yang's own free will for the purpose set forth therein.



[SEAL

Cynthia Mattson
Notary Public For
My commission expires: 3-27-2011

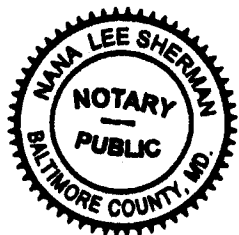
5523 Research Park Dr.
Suite 310 MD 21228
Executed at Baltimore, State of Maryland, this 13 day of January, 2010 (PS)


Yordan Kostov

STATE OF Maryland)
COUNTY OF Baltimore) ss.

This 1 day of January, 2010 (PS), before me personally came the above-named Yordan Kostov, who executed the foregoing instrument in my presence, and who acknowledged to me that this instrument was executed by Yordan Kostov's own free will for the purpose set forth therein.

[SEAL]



Nana Lee Sherman
Notary Public For
My commission expires:

My Commission Expires
June 3, 2013