

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>Joseph Wang</td> <td>04/09/2012</td> </tr> <tr> <td>Kalayil Manian Manesh</td> <td>04/09/2012</td> </tr> <tr> <td>Shankar Balasubramanian</td> <td>04/09/2012</td> </tr> </tbody> </table>		Name	Execution Date	Joseph Wang	04/09/2012	Kalayil Manian Manesh	04/09/2012	Shankar Balasubramanian	04/09/2012				
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RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>The Regents of the University of California</td> </tr> <tr> <td>Street Address:</td> <td>1111 Franklin Street</td> </tr> <tr> <td>Internal Address:</td> <td>5th Floor</td> </tr> <tr> <td>City:</td> <td>Oakland</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>94607-5200</td> </tr> </table>		Name:	The Regents of the University of California	Street Address:	1111 Franklin Street	Internal Address:	5th Floor	City:	Oakland	State/Country:	CALIFORNIA	Postal Code:	94607-5200
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CORRESPONDENCE DATA													
<p>Fax Number: (858)720-5819</p> <p>Phone: (858) 720-5700</p> <p>Email: JCanarelli@perkinscoie.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Bing Ai</p> <p>Address Line 1: Perkins Coie LLP</p> <p>Address Line 2: P.O. Box 1247</p> <p>Address Line 4: Seattle, WASHINGTON 98111-1247</p>													
ATTORNEY DOCKET NUMBER:	09062-8138.US01												
NAME OF SUBMITTER:	Jennifer H. Canarelli												

CH \$40.00 13392521

Total Attachments: 6

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ASSIGNMENT

We, Joseph Wang, of San Diego, California; Kalayil Manian Manesh, of San Diego, California; and Shankar Balasubramanian, of Willowbrook, Illinois; hereby assign to The Regents of the University of California, a university of California, having a place of business at 1111 Franklin Street, 5th Floor, Oakland, California 94607-5200, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in any and all inventions and improvements which are described in an application for United States Patent filed by us, entitled *NANOMOTOR-BASED PATTERNING OF SURFACE MICROSTRUCTURES*, filed February 25, 2012, and assigned U.S. Serial Number 13/392,521.

This assignment includes said application, all legal equivalents thereof in any country, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions and improvements, the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes, and the right to seek relief and recover all damages, including, but not limited to, a reasonable royalty, by reason of infringement or any other violation of patent or patent application rights. We authorize the Assignee to apply in all countries in our names or in the name of the Assignee for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements.

In addition, we hereby confirm the sale, assignment, and transfer to the Assignee of the entire right, title and interest throughout the world in said inventions and improvements that occurred by operation of an employment agreement between us and the Assignee existing at the time said inventions and improvements were made. Should we have any remaining interest, we hereby sell, assign, and transfer any right, title and interest we may have in said inventions and improvements anywhere in the world to the Assignee.

The foregoing assignments, sale and transfer have been made for good and valuable consideration, the receipt of which is hereby acknowledged, and in accordance with the aforementioned employment agreement.

We hereby represent and covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into that would conflict with the assignment of said inventions and improvements to the Assignee.

We further covenant for ourselves and our respective heirs, legal representatives and assigns, to assist the Assignee in handling various procedures, tasks and documentation in connection with this assignment, including, but not limited to, providing to the Assignee promptly upon the request of the Assignee all pertinent facts and documents relating to said invention and improvements, and said patents, said legal equivalents or other legal instrument as may be known and accessible to us and testifying as to the same in any interference, litigation, or proceeding relating thereto, and promptly executing and delivering to the Assignee or its legal representative any and all papers, documents, instruments or affidavits in connection with obtaining, maintaining, issuing or enforcing said application, said inventions and improvements, and said patents, said equivalents and other legal instrument which may be necessary or desirable to carry out the purposes thereof.

DATE: 4/9/12

J. Wang
JOSEPH WANG

DATE: _____

KALAYIL MANIAN MANESH

DATE: _____

SHANKAR BALASUBRAMANIAN

Signed and hereby accepted on behalf of the Assignee:

Shihong Nicolaou
Shihong Nicolaou, Ph.D.

Intellectual Property Manager
Title

4/11/2012
Date

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DATE: _____

JOSEPH WANG

DATE: 07/09/2012



KALAYIL MANIAN MANESH

DATE: _____

SHANKAR BALASUBRAMANIAN

Signed and hereby accepted on behalf of the Assignee:


Shihong Nicolaou, Ph.D.

Intellectual Property Manager
Title

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DATE: _____

JOSEPH WANG

DATE: _____

KALAYIL MANIAN MANESH

DATE: 9th April 2012

S.B. Shankar Ganesh

SHANKAR BALASUBRAMANIAN

Signed and hereby accepted on behalf of the Assignee:


Shihong Nicolaou, Ph.D.

Intellectual Property Manager
Title

4/11/2012
Date