

## 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>Sungho Jin</td> <td>08/12/2013</td> </tr> <tr> <td>Chulmin Choi</td> <td>08/12/2013</td> </tr> </tbody> </table>                                                                                                                                                                       |                                             | Name          | Execution Date                              | Sungho Jin          | 08/12/2013           | Chulmin Choi      | 08/12/2013 |       |         |                |            |              |            |
| Name                                                                                                                                                                                                                                                                                                                                                                                         | Execution Date                              |               |                                             |                     |                      |                   |            |       |         |                |            |              |            |
| Sungho Jin                                                                                                                                                                                                                                                                                                                                                                                   | 08/12/2013                                  |               |                                             |                     |                      |                   |            |       |         |                |            |              |            |
| Chulmin Choi                                                                                                                                                                                                                                                                                                                                                                                 | 08/12/2013                                  |               |                                             |                     |                      |                   |            |       |         |                |            |              |            |
| 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 |
| 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                                  |               |                                             |                     |                      |                   |            |       |         |                |            |              |            |
| 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>13996477</td> </tr> </tbody> </table>                                                                                                                                                                                                                    |                                             | Property Type | Number                                      | Application Number: | 13996477             |                   |            |       |         |                |            |              |            |
| Property Type                                                                                                                                                                                                                                                                                                                                                                                | Number                                      |               |                                             |                     |                      |                   |            |       |         |                |            |              |            |
| Application Number:                                                                                                                                                                                                                                                                                                                                                                          | 13996477                                    |               |                                             |                     |                      |                   |            |       |         |                |            |              |            |
| CORRESPONDENCE DATA                                                                                                                                                                                                                                                                                                                                                                          |                                             |               |                                             |                     |                      |                   |            |       |         |                |            |              |            |
| <p>Fax Number: 8587205819<br/> <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 858-720-5700<br/>       Email: share@perkinscoie.com<br/>       Correspondent Name: Bing Ai<br/>       Address Line 1: Perkins Coie LLP<br/>       Address Line 2: PO Box 1247<br/>       Address Line 4: Seattle, WASHINGTON 98111-1247</p>               |                                             |               |                                             |                     |                      |                   |            |       |         |                |            |              |            |
| ATTORNEY DOCKET NUMBER:                                                                                                                                                                                                                                                                                                                                                                      | 009062-8188.US02                            |               |                                             |                     |                      |                   |            |       |         |                |            |              |            |
| NAME OF SUBMITTER:                                                                                                                                                                                                                                                                                                                                                                           | Bing Ai                                     |               |                                             |                     |                      |                   |            |       |         |                |            |              |            |
| Signature:                                                                                                                                                                                                                                                                                                                                                                                   | /Bing Ai/                                   |               |                                             |                     |                      |                   |            |       |         |                |            |              |            |

502502765

PATENT  
 REEL: 031244 FRAME: 0798

CH \$40.00 13996477

Date:

09/19/2013

Total Attachments: 4

source=Executed Assignment#page1.tif

source=Executed Assignment#page2.tif

source=Executed Assignment#page3.tif

source=Executed Assignment#page4.tif

### ASSIGNMENT

We, Sungho Jin, of San Diego, California; and Chulmin Choi, of San Diego, California; 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 *SUPERHYDROPHOBIC AND SUPEROLEOPHOBIC NANOSURFACES*, filed on June 20, 2013, and assigned U.S. Serial Number 13/996,477.

This assignment includes the entire right, title and interest in 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, including, but not limited to, 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.

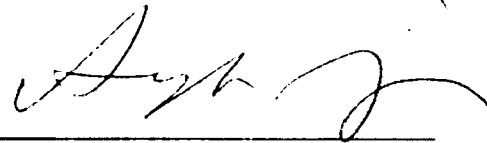
In addition, we hereby confirm the sale, assignment, and transfer to the Assignee of the entire right, title and interest throughout the world in said inventions and improvements that occurred by operation of an employment agreement between us and the Assignee existing at the time said inventions and 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.

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, derivation, 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.


August 12, 2013  
DATE: 8/12/13

  
\_\_\_\_\_  
SUNGHO JIN

DATE: \_\_\_\_\_

\_\_\_\_\_  
CHULMIN CHOI

Signed and hereby accepted on behalf of the Assignee:

  
By: \_\_\_\_\_  
Shihong Nicolaou, Ph.D.  
Title: Intellectual Property Manager

Date: 8/12/2013

## ASSIGNMENT

We, Sungho Jin, of San Diego, California; and Chulmin Choi, of San Diego, California; 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 *SUPERHYDROPHOBIC AND SUPEROLEOPHOBIC NANOSURFACES*, filed on June 20, 2013, and assigned U.S. Serial Number 13/996,477.

This assignment includes the entire right, title and interest in 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, including, but not limited to, 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.

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, derivation, 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: \_\_\_\_\_

\_\_\_\_\_  
SUNGHO JIN

DATE: 08/12/2013

  
CHULMIN CHOI

Signed and hereby accepted on behalf of the Assignee:

By: 

Shihong Nicolaou, Ph.D.  
Title: Intellectual Property Manager

Date: 8/12/2013