

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>Rajveev Dhiman</td> <td>12/06/2012</td> </tr> <tr> <td>James C. Bird</td> <td>12/06/2012</td> </tr> <tr> <td>Hyukmin Kwon</td> <td>12/06/2012</td> </tr> <tr> <td>Kripa K. Varanasi</td> <td>12/06/2012</td> </tr> </tbody> </table>		Name	Execution Date	Rajveev Dhiman	12/06/2012	James C. Bird	12/06/2012	Hyukmin Kwon	12/06/2012	Kripa K. Varanasi	12/06/2012
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Massachusetts Institute of Technology</td> </tr> <tr> <td>Street Address:</td> <td>77 Massachusetts Avenue</td> </tr> <tr> <td>City:</td> <td>Cambridge</td> </tr> <tr> <td>State/Country:</td> <td>MASSACHUSETTS</td> </tr> <tr> <td>Postal Code:</td> <td>02139</td> </tr> </table>		Name:	Massachusetts Institute of Technology	Street Address:	77 Massachusetts Avenue	City:	Cambridge	State/Country:	MASSACHUSETTS	Postal Code:	02139
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CORRESPONDENCE DATA											
<p>Fax Number: 6175025002 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 6172485000 Email: patentdocket@choate.com Correspondent Name: Choate, Hall & Stewart LLP Address Line 1: 2 International Place Address Line 4: Boston, MASSACHUSETTS 02110</p>											
ATTORNEY DOCKET NUMBER:	0492611-1154										
NAME OF SUBMITTER:	William R. Haulbrook										
<p>Total Attachments: 6 source=1154_Assignment#page1.tif</p>											

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JOINT ASSIGNMENT

WHEREAS, each of the below-named inventors whose name and residence is set forth in the following Table 1:

Inventor Name	City, State Zip
1. Rajeev Dhiman	Malden, MA
2. James C. Bird	Cambridge, MA
3. Hyukmin Kwon	Cambridge, MA
4. Kripa K. Varanasi	Lexington, MA

Table 1

hereby declares and agrees, on behalf of himself/herself and all of his/her successors and assigns that each is aware of the patent application(s) entitled:

**METHODS FOR REDUCING CONTACT TIME OF DROPS ON
SUPERHYDROPHOBIC SURFACES; and**

- ☐ prepared for filing in the United States Patent and Trademark Office; or
- ☒ identified by United States Application Serial No. **13/300022** filed in the United States Patent and Trademark Office on **November 18, 2011**; and
- ☐ identified by International Patent Application No. **Serial No.** filed on **Filing Date**;
- and
- ☒ is also aware of the following priority applications:

Serial No.: 61/514794; Filed: August 3, 2011

WHEREAS **Massachusetts Institute of Technology** (hereinafter "ASSIGNEE"), having a usual place of business at **77 Massachusetts Avenue, Cambridge, MA 02139**, desires to acquire or confirm an interest therein;

NOW, THEREFORE, to all whom it may concern be it known that, in consideration of agreements previously and duly entered into between the parties, and/or for other good and valuable consideration, the receipt of which is hereby acknowledged, I have sold, assigned, and transferred and/or do hereby sell, assign, and transfer unto said ASSIGNEE, its successors, assigns, and legal representatives, my entire right, title, and interest in and throughout the United States of America, its territories and all foreign countries, in and to any and all inventions described in the patent application, and/or any priority applications noted above; and hereby confirm that my sale, assignment and transfer is and was effective at least as of the filing date of the patent application and/or priority application. My sale, assignment and transfer applies to the above-referenced patent application, and to any application that is based in whole or in part on the patent application, including to divisional, continuing, substitute, renewal, reissue,

reexamination and other applications, for example that claim priority to the patent application. Also, this sale, assignment and transfer pertains to any and all other rights arising under or pursuant to any and all international agreements, treaties, or laws relating to the protection of industrial property, including all rights of priority under the International Convention for the Protection of Industrial Property, and in and to any such patent(s) as may issue thereon including any and all original and reissued patents which have been or shall be issued in the United States and foreign countries; said inventions, applications, and patent(s) to be held and enjoyed by ASSIGNEE for its own use and for its successors, assigns and legal representatives, to the full end of the term for which said patent(s) may be granted as fully and entirely as the same would have been held by me had this sale, assignment and transfer not been made;

AND, I hereby acknowledge that this Assignment, being of my entire right, title, and interest in and to the inventions, carries with it the right in ASSIGNEE, by attorneys and agents of ASSIGNEE selection, to apply for and receive any and all patent(s) for said inventions in its own name;

AND, I hereby further agree for myself and my executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the patent(s) to ASSIGNEE, its successors, assignees, and legal representatives, but at its expense and charges, including the execution of application for patents in foreign countries, the execution of substitution, reissue, divisional or continuation applications, and the giving of testimony, preliminary statements, or other statements in any interference or other proceeding in which the inventions or any applications or patents directed to the inventions may be involved by communicating to the ASSIGNEE all facts I know relating to the inventions and their history, and generally by doing everything possible which ASSIGNEE shall consider desirable for aiding in securing and maintaining proper patent protection for the inventions and for vesting title in the inventions and all applications for patent and all patents on the inventions in ASSIGNEE;

AND, I further hereby authorize ASSIGNEE or its attorneys or agents to insert the correct serial number(s) and/or filing date(s) into this assignment document, if appropriate;

AND, I hereby appoint ASSIGNEE as my common agent for purposes of prosecuting international patent applications and any national patent applications for which such common agency is recognized;

AND, I hereby request the Director of Patents and Trademarks of the United States to issue any and all patent(s) as shall be granted upon said application or applications based thereon to ASSIGNEE, its successors, assigns, and legal representatives;

AND, I covenant with said ASSIGNEE that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by me, and that full right to convey the same as herein expressed is possessed by me.

Inventor Signature: 

Date: 12/8/12

Print Inventor Name: Rajeev Dhiman

Address: 8 Island Hill Avenue, No. 213, Malden, MA 02148

Witness Signature: 

Print Witness Name: JASMIN HOFSTETTER

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Witness Signature: 

Print Witness Name: Mariela Leet Carrillo

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Inventor Signature: [Signature]

Date: 12/6/12

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Witness Signature: [Signature]

Print Witness Name: Lauren Wolinsky

Address: 77 Massachusetts Ave. 35-211
Cambridge, MA 02139

Witness Signature: [Signature]

Print Witness Name: Gisele Azimi

Address: 34 Black Bear drive #1116
Waltham, MA, 02451

Inventor Signature: [Signature]

Date: 12/6/2012

Print Inventor Name: Hyukmin Kwon

Address: 143 Albany Street, Apt. 235, Cambridge, MA 02139

Witness Signature: [Signature]

Print Witness Name: Yun Seog Lee

Address: 70 Pacific St Apt 607 Cambridge MA 02139

Witness Signature: [Signature]

Print Witness Name: Adam Pearson

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Inventor Signature: _____

Date: 12/6/12

Print Inventor Name: Kripa K. Varanasi

Address: 31 Fletcher Avenue, Unit 5, Lexington, MA 02420

Witness Signature: _____

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Address: 20 GLEN ST. #1, 02139 CAMBRIDGE MA

Witness Signature: _____

Print Witness Name: Mariela Lizet Castillo

Address: 677 Washington Street, #2, Brookline, MA 02446