

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>Maria M. Santore</td><td>01/20/2009</td></tr><tr><td>Surachate Kalasin</td><td>01/22/2009</td></tr></tbody></table>	Name	Execution Date	Maria M. Santore	01/20/2009	Surachate Kalasin	01/22/2009	
Name	Execution Date						
Maria M. Santore	01/20/2009						
Surachate Kalasin	01/22/2009						
RECEIVING PARTY DATA							
Name:	University of Massachusetts						
Street Address:	225 Franklin Street						
City:	Boston						
State/Country:	MASSACHUSETTS						
Postal Code:	02110						
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>12215046</td></tr></tbody></table>	Property Type	Number	Application Number:	12215046			
Property Type	Number						
Application Number:	12215046						
CORRESPONDENCE DATA							
Fax Number:	(414)298-8097						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
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ATTORNEY DOCKET NUMBER:	9051-CIP						
NAME OF SUBMITTER:	Rodney D. DeKruif						
Total Attachments: 4 source=9051cip#page1.tif source=9051cip#page2.tif source=9051cip#page3.tif							

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PATENT  
REEL: 022194 FRAME: 0513



PATENT  
Attorney Docket No: 9051-CIP  
For: ☒ U.S. and/or ☒ Foreign Rights  
For: ☒ U.S. Application or ☐ U.S. Patent  
By: ☒ Inventor(s) or ☐ Present Owner

### ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to each ASSIGNOR identified below of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNOR:

(inventor(s) or Maria M. Santore ("ASSIGNOR")  
(Type or print name(s) of ASSIGNOR(S))

person(s) or entity(ies)  
who own the invention)

45 Mount Toby Woods Drive  
Sunderland, MA 01375  
(Address)  
US  
(Nationality)

(inventor(s) or Surachate Kalasin ("ASSIGNOR")  
(Type or print name(s) of ASSIGNOR(S))

person(s) or entity(ies)  
who own the invention)

950 North Pleasant Street #69  
Amherst, MA 01002  
(Address)  
Thailand  
(Nationality)

*(If assignment is by person or entity to whom invention was previously assigned  
and this was recorded in PTO add the following)*

Recorded on \_\_\_\_\_  
Reel \_\_\_\_\_  
Frame \_\_\_\_\_

hereby sells, assigns and transfers to

ASSIGNEE:

University of Massachusetts ("ASSIGNEE")  
225 Franklin Street  
Boston, MA 02110  
US  
(Address)

A Massachusetts University  
(Domicile or Nationality)

and the successors, assigns and legal representatives of the ASSIGNEE  
(complete one of the following)

- ☒ [X] the entire right, title and interest  
☐ an undivided \_\_\_\_\_ percent ( \_\_\_\_\_ %) interest  
for the United States and its territorial possessions

(check the following box if foreign rights are also to be assigned)

☒ [X] and in all foreign countries, including all rights to claim priority,  
in and to any and all improvements which are disclosed in the invention entitled:

NANOPATTERNED SURFACES AND RELATED METHODS FOR  
SELECTIVE ADHESION, SENSING AND SEPARATION

(check and complete (a), (b), (c) or (d))

and which is found in

- (a) ☐ U.S. patent application executed on even date herewith  
(b) ☐ U.S. patent application executed on \_\_\_\_\_  
☐ To comply with 37 CFR 3.21 for recordal of this assignment, I, an  
ASSIGNOR signing below, hereby authorize and request my attorney, as  
named in the Declaration and Power of Attorney I executed for this  
invention on the execution date stated above, to insert below the  
filing date and application number when it becomes known.  
(c) ☒ [X] U.S. application serial no. 12/215,046 filed on June 23, 2008  
(d) ☐ U.S. patent no. \_\_\_\_\_ issued \_\_\_\_\_  
☐ A change of address to which correspondence is to be sent regarding patent  
maintenance fees is being sent separately.

(also check (e) if foreign application(s) is also being assigned)

(e) [] and any legal equivalent thereof in a foreign country, including the right to claim priority

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/We have hereunto set hand the date indicated below.

*WARNING: Date of signing must be the same as the date of execution of the application if item (a) was checked above.*

Signature of ASSIGNOR(S)

Maria M. Santore      1-20-08  
Maria M. Santore      (Date)

\_\_\_\_\_  
Surachate Kalasin      (Date)

(e) ☐ and any legal equivalent thereof in a foreign country, including the right to claim priority

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Signature of ASSIGNOR(S)

Maria M. Santore

(Date)

*Surachate Kalasin*

01/22/09

Surachate Kalasin

(Date)