

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	NUNC PRO TUNC ASSIGNMENT												
EFFECTIVE DATE:	06/16/2007												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>David A. Ure</td> <td>06/30/2012</td> </tr> <tr> <td>Richard E. Palmer</td> <td>06/22/2012</td> </tr> </tbody> </table>		Name	Execution Date	David A. Ure	06/30/2012	Richard E. Palmer	06/22/2012						
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RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>Inanovate, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>10 Tower Office Park</td> </tr> <tr> <td>Internal Address:</td> <td>Suite 500</td> </tr> <tr> <td>City:</td> <td>Woburn</td> </tr> <tr> <td>State/Country:</td> <td>MASSACHUSETTS</td> </tr> <tr> <td>Postal Code:</td> <td>01801</td> </tr> </table>		Name:	Inanovate, Inc.	Street Address:	10 Tower Office Park	Internal Address:	Suite 500	City:	Woburn	State/Country:	MASSACHUSETTS	Postal Code:	01801
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CORRESPONDENCE DATA													
<p>Fax Number: (617)646-8646</p> <p>Phone: 617-646-8000</p> <p>Email: patents_TaniC@wolfgreenfield.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: Tani Chen</p> <p>Address Line 1: Wolf, Greenfield &amp; Sacks, P.C.</p> <p>Address Line 2: 600 Atlantic Avenue</p> <p>Address Line 4: Boston, MASSACHUSETTS 02210</p>													
ATTORNEY DOCKET NUMBER:	10372.70000US01												
NAME OF SUBMITTER:	Tani Chen												

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**Total Attachments: 4**

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**PATENT**

**REEL: 028499 FRAME: 0178**

## ASSIGNMENT

WHEREAS, we, David A. Ure and Richard E. Palmer, have invented a certain improvement in **NANO-PARTICLE BIOCHIP SUBSTRATES** described in an application for Letters Patent of the United States, the specification of which:

☐ is being executed on even date herewith; and is about to be filed in the United States Patent Office;

☒ was filed on **March 28, 2007** as Application No. **11/729,510**

☐ was patented under U.S. Patent No. \_\_\_\_\_ on \_\_\_\_\_.

WHEREAS, **Inanovate, Inc.**, (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the State of Delaware, having principal offices at 10 Tower Office Park, Suite 500, Woburn, MA 01801 desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, I have sold, assigned and transferred and by these presents 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, *nunc pro tunc* June 16, 2007, in and to said invention as described in said application, together with my entire right, title and interest in and to said application and such Letters Patent as may issue thereon, and any reissue, continuation, divisional and foreign counterparts thereof and including the right to claim priority under any applicable statute, treaty or convention based on said application; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment not been made; I hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent, all choses in action pertaining to the applications or Letters Patent including the right to sue for and collect damages and other recoveries for past infringement thereof, all rights to initiate proceedings before government and administrative bodies, and all files, records and other materials arising from the prosecution, exploitation, or defense of rights and registrations pertaining to the applications or Letters Patent. I hereby acknowledge that this assignment, being of our entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, we 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 aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, I have hereunto set my hands and affixed my seal(s) the date set forth below.


Date \_\_\_\_\_

Address: 77 Porter Street, Apt. 10 56 BEECHWOOD RD  
Somerville, Massachusetts 02143 WELLESLEY

Citizenship: United Kingdom

June 30th 2012

Date \_\_\_\_\_

  
Signature

Name:

Benjapur Jivasankarn

Address:

56 Beechwood Rd.

Wellesley, MA 02482

Date \_\_\_\_\_

Signature

Name:

Address:

22-6-12

Date

Richard E. Palmer

Inventor: Richard E. Palmer

Address: Dyffryn, Brake Lane

HAGLEY

DY8 2XW

UNITED KINGDOM

Citizenship: United Kingdom

Witness:

22-6-12

Date

Quannin Guo

Signature

Name: Q. Guo

Address: 81 All Saints Road  
Kings Heath, Birmingham

Witness:

22-6-12

Date

Simon R. Plant

Signature

Name: SIMON R. PLANT

Address: 64 HIGHFIELD ROAD,  
ROWLEY REGIS, WEST MIDLANDS,  
B65 0BU.