

## 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>Michael Detamore</td> <td>08/20/2012</td> </tr> <tr> <td>Milind Singh</td> <td>08/17/2012</td> </tr> <tr> <td>Aaron Scurto</td> <td>08/23/2012</td> </tr> <tr> <td>Cory Berkland</td> <td>08/21/2012</td> </tr> </tbody> </table>		Name	Execution Date	Michael Detamore	08/20/2012	Milind Singh	08/17/2012	Aaron Scurto	08/23/2012	Cory Berkland	08/21/2012		
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<table border="1"> <tr> <td>Name:</td> <td>THE UNIVERSITY OF KANSAS</td> </tr> <tr> <td>Street Address:</td> <td>245 Strong Hall</td> </tr> <tr> <td>Internal Address:</td> <td>1450 Jayhawk Boulevard</td> </tr> <tr> <td>City:</td> <td>Lawrence</td> </tr> <tr> <td>State/Country:</td> <td>KANSAS</td> </tr> <tr> <td>Postal Code:</td> <td>66045</td> </tr> </table>		Name:	THE UNIVERSITY OF KANSAS	Street Address:	245 Strong Hall	Internal Address:	1450 Jayhawk Boulevard	City:	Lawrence	State/Country:	KANSAS	Postal Code:	66045
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CORRESPONDENCE DATA													
<p>Fax Number: 4352521361          Phone: 4352521360          Email: cwilde@mgiip.com  <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: Jonathan M. Benns          Address Line 1: MASCHOFF GILMORE &amp; ISRAELSEN          Address Line 2: 1441 West Ute Blvd., Suite 100          Address Line 4: Park City, UTAH 84098</p>													
ATTORNEY DOCKET NUMBER:	K1262.10027US03												
NAME OF SUBMITTER:	JONATHAN M. BENNS												

OP \$40.00 13591087

**Total Attachments: 6**

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WHEN RECORDED RETURN TO:

PATENT APPLICATION  
Docket No: K1262.10027US03

MASCHOFF GILMORE & ISRAELSEN  
1441 W. Ute Blvd., Suite 100  
Park City, Utah 84098-7633

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A S S I G N M E N T

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I/We the undersigned, hereinafter collectively referred to as "Assignor", have made an invention entitled METHODS OF MANUFACTURING BIOMATERIALS WITH MICROSPHERE GRADIENTS. Preferred embodiments of said invention are disclosed in a United States patent application which:

- ☐ is executed concurrently herewith for filing in the United States Patent and Trademark Office.
- ☒ was previously filed in the United States Patent and Trademark Office on August 21, 2012 as Application Serial No. 13/591,087.
- ☐ is a United States National Application of PCT International Application No. \_\_\_\_\_, filed \_\_\_\_\_.

(The attorneys of Maschoff Gilmore & Israelsen are hereby authorized to insert the serial number and filing date when known.)

The Assignee, The University of Kansas, having a principal place of business at 245 Strong Hall, 1450 Jayhawk Boulevard, Lawrence, KS 66045, desires to secure the entire right, title and interest in said invention and the patent application filed thereon.

For good and valuable consideration, the receipt and sufficiency of which we hereby acknowledge, ASSIGNOR HEREBY ASSIGNS TO THE ASSIGNEE:

The entire right, title, and interest in the above-identified United States, international, or foreign patent application and in all subsequent United States, international, or foreign utility or regular patent applications, patent cooperation treaty (PCT) applications, nationalization applications, divisions, continuations and continuations-in-part of said applications, or reissues or extensions of letters patent or patents granted thereon, and in all patents issuing thereon in the United States and/or any other country.

The right to claim the benefit of any prior or subsequent related United States, international, or foreign patent applications.

ASSIGNMENT (K1262.10027US03)

Assignor hereby authorizes and requests the United States Commissioner for Patents to issue any and all patents on said invention to the Assignee as the owner of the entire interest, for the sole use and behoof of the said Assignee, its successors, assigns and legal representatives.

Assignor hereby agrees, without further consideration and without expense to Assignee, to sign all lawful papers and to perform all other lawful acts which the Assignee may request of Assignor to make this Assignment fully effective, including, by way of example but not of limitation, the following:

Prompt execution of all original, subsequent United States, international, or foreign utility or regular patent applications, patent cooperation treaty (PCT) applications, nationalization applications, divisions, continuations and continuations-in-part of said applications, or reissues, and other United States, international, or foreign applications and all lawful documents requested by the Assignee to further the prosecution of any of such patent applications.

Cooperation to the best of Assignor's ability in the execution of all lawful documents, the production of evidence, nullification, reissue, extension, or infringement proceedings involving said application.

This assignment and agreement shall be binding upon Assignor's heirs and legal representatives.

Inventor 1

Michael Detamore  
(GIVEN NAME) (MIDDLE INITIAL OR NAME) FAMILY (OR LAST NAME)  
Inventor's signature: Michael Detamore Date 8/20, 2012

STATE OF Florida  
COUNTY OF Broward: ss.

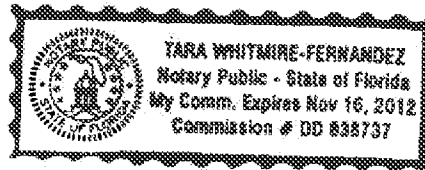
On August 20, 2012, before me personally appeared Michael Detamore known to me to be the person described and who signed the foregoing Assignment in my presence and acknowledged under oath before me that she has read the same and knows the contents thereof and that he executed the same as her free act and deed and for the purposes set forth therein.

[Signature]  
NOTARY PUBLIC

Residing at \_\_\_\_\_

My Commission Expires:

NOV. 16, 2012



**Inventor 2**

Milind Singh  
(GIVEN NAME) (MIDDLE INITIAL OR NAME) FAMILY (OR LAST NAME)

Inventor's signature: Milind Singh. Date Aug 17, 2012

STATE OF Kansas )  
 : ss.  
COUNTY OF Wyandotte )

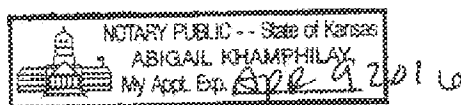
On Aug 17 2012, before me personally appeared Milind Singh known to me to be the person described and who signed the foregoing Assignment in my presence and acknowledged under oath before me that she has read the same and knows the contents thereof and that he executed the same as her free act and deed and for the purposes set forth therein.

Abigail Khamphila  
NOTARY PUBLIC

Residing at Wyandotte KCKS

My Commission Expires:

April 9 2016



**Inventor 3**

Aaron Scurto  
(GIVEN NAME) (MIDDLE INITIAL OR NAME) FAMILY (OR LAST NAME)  
Inventor's signature: [Signature] Date                     , 2012

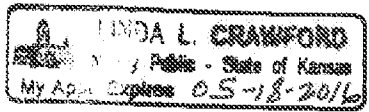
STATE OF Kansas )  
COUNTY OF Douglas ) : ss.

On August 23rd, before me personally appeared Aaron Scurto known to me to be the person described and who signed the foregoing Assignment in my presence and acknowledged under oath before me that she has read the same and knows the contents thereof and that he executed the same as her free act and deed and for the purposes set forth therein.

[Signature]  
NOTARY PUBLIC  
Residing at Lawrence, KS

My Commission Expires:

05-18-2016



**Inventor 4**

Cory Berkland  
(GIVEN NAME) (MIDDLE INITIAL OR NAME) FAMILY (OR LAST NAME)

Inventor's signature: *Cory R. Berkland* Date 8/21, 2012

STATE OF Kansas,  
COUNTY OF Douglas : ss.

On August 21, 2012, before me personally appeared \_\_\_\_\_, known to me to be the person described and who signed the foregoing Assignment in my presence and acknowledged under oath before me that she has read the same and knows the contents thereof and that he executed the same as her free act and deed and for the purposes set forth therein.



*Michelle N. Denton*  
NOTARY PUBLIC

Residing at Lawrence, KS

My Commission Expires:

June 4, 2014

