

## 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>Minglin Ma</td> <td>04/25/2013</td> </tr> <tr> <td>Daniel G. Anderson</td> <td>04/26/2013</td> </tr> <tr> <td>Robert S. Langer</td> <td>04/26/2013</td> </tr> </tbody> </table>		Name	Execution Date	Minglin Ma	04/25/2013	Daniel G. Anderson	04/26/2013	Robert S. Langer	04/26/2013
Name	Execution Date								
Minglin Ma	04/25/2013								
Daniel G. Anderson	04/26/2013								
Robert S. Langer	04/26/2013								
RECEIVING PARTY DATA									
Name:	Massachusetts Institute of Technology								
Street Address:	77 Massachusetts Avenue								
City:	Cambridge								
State/Country:	MASSACHUSETTS								
Postal Code:	02139								
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>13831250</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13831250				
Property Type	Number								
Application Number:	13831250								
CORRESPONDENCE DATA									
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ATTORNEY DOCKET NUMBER:	MIT 16104								
NAME OF SUBMITTER:	Candace C. Andrews								
Signature:	/Candace C. Andrews/								

Date:

05/01/2013

**Total Attachments: 5**

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## ASSIGNMENT

We, Minglin Ma of 21 Seventh Street, #2, Cambridge, Massachusetts, 02141, Daniel G. Anderson of 28 Red Oak Dr., Sudbury, Massachusetts, 01776, and Robert S. Langer of 98 Montvale Road, Newton, Massachusetts, 02459, for good and valuable consideration from Massachusetts Institute of Technology, a university of the Commonwealth of Massachusetts, having its principal place of business at 77 Massachusetts Avenue, Cambridge, Massachusetts, 02139 (hereinafter "said Assignee"), the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said Assignee, its successors and assigns, the entire interest for the United States of America, and its territories and all foreign countries and jurisdictions, including all rights of priority under the International Convention for the Protection of Industrial Property, in (1) a certain invention(s) and/or improvement(s) in "*Multi-Layer Hydrogel Capsules for Encapsulation of Cells and Cell Aggregates*" described in U.S. Application No. 13/831,250 filed in the United States Patent and Trademark Office on March 14, 2013, by Minglin Ma, Daniel G. Anderson, and Robert S. Langer, (2) U.S. Application No. 13/831,250 filed March 14, 2013, and (3) all Letters Patent of the United States and its territories and all foreign countries and jurisdictions which may or shall be granted on said invention(s), or on said application(s), or any provisional, divisional, continuation, reissue, or other applications based thereon. We agree, for ourselves and our executors and administrators, with said Assignee and its successors and assigns, but at its or their expense or charges, hereafter to execute all applications, amended specifications, deeds or other instruments, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and its territories and in all other foreign countries and jurisdictions to said Assignee, with specifications and claims in such form as shall be

U.S.S.N. 13/831,250

Title: *"Multi-Layer Hydrogel Capsules for Encapsulation of Cells and Cell Aggregates"*

By: Minglin Ma, Daniel G. Anderson and Robert S. Langer

Filed: March 14, 2013

ASSIGNMENT

approved by the counsel of said Assignee, and to vest and confirm in said Assignee, its successors and assigns, the legal title to all such patents.

We do hereby authorize and request the Commissioner of Patents and Trademarks 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 and assigns.

We each individually do hereby state (1) that the application(s) was made or was authorized to be made by each of us and (2) that we each believe ourselves to be the original inventor or joint inventor of a claimed invention in the application(s).

We each individually do hereby authorize Assignee's attorney to correct any typographical errors on this form, if necessary, and to complete this form by the addition of the application number(s), application filing date(s), and attorney docket number(s), if necessary.

U.S.S.N. 13/831,250


Title: "Multi-Layer Hydrogel Capsules for Encapsulation of Cells and Cell Aggregates"

By: Minglin Ma, Daniel G. Anderson and Robert S. Langer


Filed: March 14, 2013


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WITNESS my hand and seal this 25<sup>th</sup> day of April, 2013.

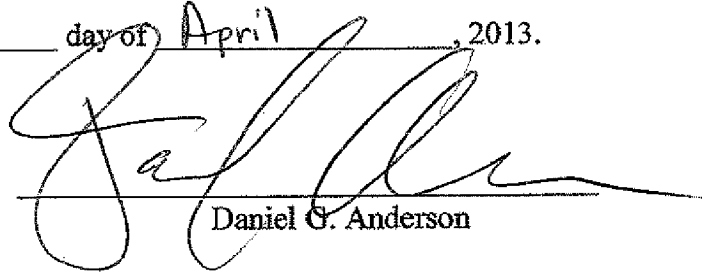
  
\_\_\_\_\_  
Minglin Ma

Witnesses:

1. Signed:   
\_\_\_\_\_  
Printed Name: Jossie Pelet  
\_\_\_\_\_  
Address: 161 Hancock St., Apt. 7, Cambridge MA 02139  
\_\_\_\_\_

2. Signed:   
\_\_\_\_\_  
Printed Name: Eunha Kim  
\_\_\_\_\_  
Address: 244 Satem St. #21 Malden MA 02148  
\_\_\_\_\_

WITNESS my hand and seal this 26<sup>th</sup> day of April, 2013.



Daniel G. Anderson

Witnesses:

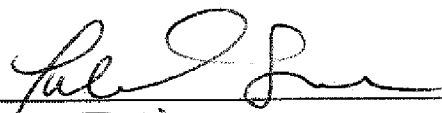
1. Signed: Tara Fawaz  
Printed Name: Tara Fawaz  
Address: 77 Massachusetts Avenue Building 76, Room 653  
Cambridge, MA 02139

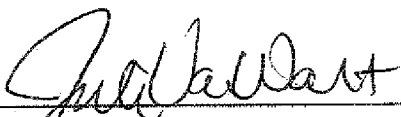
2. Signed: Julia Van Wart  
Printed Name: Julia Van Wart  
Address: 500 Main St, Cambridge, MA 02139

WITNESS my hand and seal this 26 day of April, 2013.

  
\_\_\_\_\_  
Robert S. Langer

Witnesses:

1. Signed:   
Printed Name: Tuli Saha  
Address: 500 Main St. Cambridge MA 02139  
\_\_\_\_\_

2. Signed:   
Printed Name: Julia Van Wart  
Address: 500 Main St, Cambridge MA 02139  
\_\_\_\_\_