

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>Jin-Ho Ahn</td> <td>01/16/2013</td> </tr> <tr> <td>Ardemis Anoush Boghossian</td> <td>01/17/2013</td> </tr> <tr> <td>Rene Ortiz-Garcia</td> <td>01/18/2013</td> </tr> <tr> <td>Hyeonseok Yoon</td> <td>01/16/2013</td> </tr> <tr> <td>Jingqing Zhang</td> <td>01/16/2013</td> </tr> </tbody> </table>		Name	Execution Date	Jin-Ho Ahn	01/16/2013	Ardemis Anoush Boghossian	01/17/2013	Rene Ortiz-Garcia	01/18/2013	Hyeonseok Yoon	01/16/2013	Jingqing Zhang	01/16/2013
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Hyeonseok Yoon	01/16/2013												
Jingqing Zhang	01/16/2013												
RECEIVING PARTY DATA													
Name:	Massachusetts Institute of Technology												
Street Address:	77 Massachusetts Avenue												
City:	Cambridge												
State/Country:	MASSACHUSETTS												
Postal Code:	02142												
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>12659193</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12659193								
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Application Number:	12659193												
CORRESPONDENCE DATA													
Fax Number:	2024293902												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
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NAME OF SUBMITTER:	Kristen M. Williams												
Total Attachments: 6													

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ASSIGNMENT

For valuable consideration, we, Jin-Ho Ahn of Gyeonggi-Do, SOUTH KOREA; Ardemis Anoush Boghossian of White Lake, MI; Rene Ortiz-Garcia of Dresden, GERMANY; Hyeonseok Yoon of Gwangju, SOUTH KOREA; and Jingqing Zhang of Cambridge, MA hereby assign to: Massachusetts Institute of Technology, a corporation of Massachusetts, having a place of business at 77 Massachusetts Avenue, Cambridge, MA 02142; its successors and assigns (collectively hereinafter called “the Assignee”), the entire right, title and interest throughout the world in the inventions and improvements which are subject of applications for United States Patent signed by us, entitled SYSTEMS AND METHODS USING PHOTOLUMINESCENT NANOSTRUCTURE BASED HYDRYOGELS, filed February 26, 2010, and assigned U.S. Application Number 12/659,193, and we authorize and request the attorneys appointed in said applications to hereafter complete these assignments by inserting above the filing date and serial number of said applications when known; these assignments including said applications, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said applications under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors’ certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully these assignments.

Inventor Signature:  Date: 1/16/2013

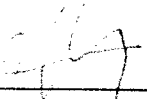
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Date

WITNESS: 

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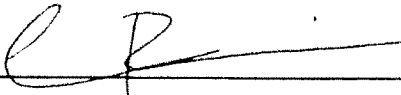
2013 1/17

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Inventor Signature:  Date: 18.01.2013


Printed Name: Rene Ortiz-Garcia

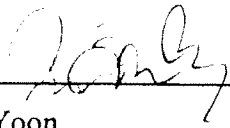
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Signature witnessed by:
18.01.2013
Date


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Signature witnessed by:
18.01.2013
Date


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Inventor Signature:  Date: Jan. 16, 2013

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Date

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Signature witnessed by:

Jan. 16. 2013

Date

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Inventor Signature: [Signature] Date: 01/16/2013

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Signature witnessed by:
1/16/2013
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Signature witnessed by:
1/16/2013
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