

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Yoon Sung Nam	02/04/2011
Angela Belcher	05/09/2011
Daeyeon Lee	02/03/2011
RECEIVING PARTY DATA	
Name:	Massachusetts Institute of Technology
Street Address:	77 Massachusetts Avenue
City:	Cambridge
State/Country:	MASSACHUSETTS
Postal Code:	02139-4307
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12678894
CORRESPONDENCE DATA	
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
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Correspondent Name:	Harold H. Fox
Address Line 1:	1330 Connecticut Ave., NW
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20036
ATTORNEY DOCKET NUMBER:	14952.0381
NAME OF SUBMITTER:	Monica J. Freeman
Total Attachments: 7 source=381asst#page1.tif source=381asst#page2.tif	

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ASSIGNMENT

For valuable consideration, we, Yoon Sung NAM, of Cambridge, MA; Angela BELCHER, of Lexington, MA; Andrew MAGYAR, of Cambridge, MA; Dae-yeon LEE, of Somerville, MA; Jin-Woong KIM of Yongin-si, Gyeonggi-do, Korea; and David WEITZ, of Bolton, MA; hereby assign to: Massachusetts Institute of Technology, a corporation of Massachusetts, having a place of business at 77 Massachusetts Avenue, Cambridge, MA, 02139-4307; 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 VIRUS/NANOWIRE ENCAPSULATION WITHIN POLYMER MICROGELS FOR 2D AND 3D DEVICES FOR ENERGY AND ELECTRONICS, filed March 18, 2010, and assigned U.S. Application Number 12/678,894, 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.

IN WITNESS WHEREOF, I hereto set my hand and seal at Naperville, Illinois,
this 4th day of February, 20 11
[Signature] L.S.
Yoon Sung NAM

State of _____ :

: ss.

County of _____ :

Before me this _____ day of _____, 20_____, personally
appeared Yoon Sung NAM known to me to be the person whose name is subscribed to the
foregoing Assignment and acknowledged that he/she executed the same as his/her free act and
deed for the purposes therein contained.

Notary Public

My Commission Expires:

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at 500 Main St. Cambridge
this 9 day of May, 20 11
Angela BELCHER L.S.

State of Massachusetts :

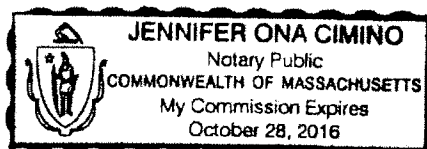
: ss.

County of Middlesex :

Before me this 9 day of May, 20 11, personally
appeared Angela BELCHER known to me to be the person whose name is subscribed to the
foregoing Assignment and acknowledged that he/she executed the same as his/her free act and
deed for the purposes therein contained.

Jennifer Ona Cimino
Notary Public
My Commission Expires: Oct. 28, 2016

[Notary's Seal Here]



IN WITNESS WHEREOF, I hereto set my hand and seal at 29 Oxford St,
this 4th day of February, 2011
Andrew Magyar L.S.
Andrew MAGYAR

State of Massachusetts :
: ss.

County of Middlesex :

Before me this 4th day of February, 2011, personally
appeared Andrew MAGYAR known to me to be the person whose name is subscribed to the
foregoing Assignment and acknowledged that he/she executed the same as his/her free act and
deed for the purposes therein contained.

Christina M. Andujar
Notary Public

My Commission Expires:

[Notary's Seal Here]



CHRISTINA M. ANDUJAR
Notary Public
Commonwealth of Massachusetts
My Commission Expires
August 26, 2016

IN WITNESS WHEREOF, I hereto set my hand and seal at University of Pennsylvania
this 3 day of February, 20 11
Daeyeon LEE L.S.

Commonwealth
State of Pennsylvania

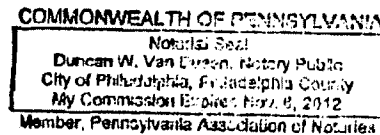
: ss.
County of Philadelphia

Before me this third day of February, 20 11, personally
appeared Daeyeon LEE known to me to be the person whose name is subscribed to the foregoing
Assignment and acknowledged that he/she executed the same as his/her free act and deed for the
purposes therein contained.

Duncan W. Van Dusen
Notary Public

My Commission Expires: 11/6/2012

[Notary's Seal Here]



Attorney Docket No: 14952.0381 / MIT Case No. 12881

IN WITNESS WHEREOF, I hereto set my hand and seal at Longin-Si, Gyeonggi-do,
 this 7 day of February, 20 11
Jin-Woong KIM L.S.
 Jin-Woong KIM

State of _____ :

: ss.

County of South Korea :

Before me this 7 day of February, 20 11, personally
 appeared Jin-Woong KIM known to me to be the person whose name is subscribed to the
 foregoing Assignment and acknowledged that he/she executed the same as his/her free act and
 deed for the purposes therein contained.

HAN SUNG KIM

Notary Public

My Commission Expires:

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at 29 Oxford St, Cambridge MA
this 4th day of February, 20 11
David WEITZ L.S.

State of Massachusetts:

: ss.

County of Middlesex:

Before me this 4th day of February, 20 11, personally
appeared David WEITZ known to me to be the person whose name is subscribed to the
foregoing Assignment and acknowledged that he/she executed the same as his/her free act and
deed for the purposes therein contained.

Christina M. Andujar
Notary Public

My Commission Expires:

[Notary's Seal Here]



CHRISTINA M. ANDUJAR
Notary Public
Commonwealth of Massachusetts
My Commission Expires
August 26, 2016