

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2740781

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>THOMAS J. WEBSTER</td> <td>02/19/2014</td> </tr> <tr> <td>QIAN CHEN</td> <td>07/03/2013</td> </tr> <tr> <td>YUPENG CHEN</td> <td>07/02/2013</td> </tr> </tbody> </table>		Name	Execution Date	THOMAS J. WEBSTER	02/19/2014	QIAN CHEN	07/03/2013	YUPENG CHEN	07/02/2013				
Name	Execution Date												
THOMAS J. WEBSTER	02/19/2014												
QIAN CHEN	07/03/2013												
YUPENG CHEN	07/02/2013												
RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>BROWN UNIVERSITY</td> </tr> <tr> <td>Street Address:</td> <td>47 GEORGE STREET</td> </tr> <tr> <td>Internal Address:</td> <td>P.O. BOX 1949</td> </tr> <tr> <td>City:</td> <td>PROVIDENCE</td> </tr> <tr> <td>State/Country:</td> <td>RHODE ISLAND</td> </tr> <tr> <td>Postal Code:</td> <td>02912</td> </tr> </table>		Name:	BROWN UNIVERSITY	Street Address:	47 GEORGE STREET	Internal Address:	P.O. BOX 1949	City:	PROVIDENCE	State/Country:	RHODE ISLAND	Postal Code:	02912
Name:	BROWN UNIVERSITY												
Street Address:	47 GEORGE STREET												
Internal Address:	P.O. BOX 1949												
City:	PROVIDENCE												
State/Country:	RHODE ISLAND												
Postal Code:	02912												
<table border="1"> <tr> <td>Name:</td> <td>RHODE ISLAND HOSPITAL</td> </tr> <tr> <td>Street Address:</td> <td>593 EDDY STREET</td> </tr> <tr> <td>City:</td> <td>PROVIDENCE</td> </tr> <tr> <td>State/Country:</td> <td>RHODE ISLAND</td> </tr> <tr> <td>Postal Code:</td> <td>02903</td> </tr> </table>		Name:	RHODE ISLAND HOSPITAL	Street Address:	593 EDDY STREET	City:	PROVIDENCE	State/Country:	RHODE ISLAND	Postal Code:	02903		
Name:	RHODE ISLAND HOSPITAL												
Street Address:	593 EDDY STREET												
City:	PROVIDENCE												
State/Country:	RHODE ISLAND												
Postal Code:	02903												
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>13977138</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13977138								
Property Type	Number												
Application Number:	13977138												
CORRESPONDENCE DATA													
Fax Number:	(617)720-9601												
Phone:	617-720-9640												
Email:	dfreitas@bannerwitcoff.com, jiwanicki@bannerwitcoff.com, bwptopat@bannerwitcoff.com												
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>													
Correspondent Name:	JOHN P. IWANICKI, BANNER & WITCOFF, LTD.												

Address Line 1:	28 STATE STREET
Address Line 2:	SIITE 1800
Address Line 4:	BOSTON, MASSACHUSETTS 02109

ATTORNEY DOCKET NUMBER:	007690.00041
-------------------------	--------------

NAME OF SUBMITTER:	JOHN P. IWANICKI, REG. NO. 34,628
--------------------	-----------------------------------

Signature:	/John P. Iwanicki/
------------	--------------------

Date:	02/25/2014
-------	------------

Total Attachments: 6  
source=Assignment#page1.tif  
source=Assignment#page2.tif  
source=Assignment#page3.tif  
source=Assignment#page4.tif  
source=Assignment#page5.tif  
source=Assignment#page6.tif

## ASSIGNMENT

In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assigns to:

**Brown University  
of PROVIDENCE, RI**

its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in U.S. Application Serial Number 13/977,138 filed June 28, 2013 (Attorney Docket No. 007690.00041) entitled:

### **Nanotubes as Carriers of Nucleic Acids into Cells**

and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, including all continuations, continuations-in-part, and divisions on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assign to said assignee the priority right provided by the International Convention.

The undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.


The undersigned hereby authorizes and requests the attorneys of record in said application to insert in this assignment the filing date and serial number of said application when officially known, if not already present.

The undersigned warrants to be the owner of the entire right, title and interest in said invention or improvements herein assigned and to have the right to make this assignment, and further warrant that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

For said considerations the undersigned hereby agrees, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application and any and all applications and

other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations the undersigned authorize said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agree, upon the request of said assignee, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignee, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

Date: Feb. 19, 2014  
(month/day/year)

  
Thomas J. WEBSTER

Date: \_\_\_\_\_  
(month/day/year)

\_\_\_\_\_  
Qian CHEN

Date: \_\_\_\_\_  
(month/day/year)

\_\_\_\_\_  
Yupeng CHEN

### **ASSIGNMENT**

In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assigns to:

**Rhode Island Hospital  
of PROVIDENCE, RI**

its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in U.S. Application Serial Number 13/977,138 filed June 28, 2013 (Attorney Docket No. 007690.00041) entitled:

#### **Nanotubes as Carriers of Nucleic Acids into Cells**

and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, including all continuations, continuations-in-part, and divisions on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assign to said assignee the priority right provided by the International Convention.

The undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorizes and requests the attorneys of record in said application to insert in this assignment the filing date and serial number of said application when officially known, if not already present.

The undersigned warrants to be the owner of the entire right, title and interest in said invention or improvements herein assigned and to have the right to make this assignment, and further warrant that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

For said considerations the undersigned hereby agrees, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application and any and all applications and

*Assignment of Rights to Invention*

Attorney Docket No. 007690.00041

other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations the undersigned authorize said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agree, upon the request of said assignee, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignee, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

Date: \_\_\_\_\_  
(month/day/year)

\_\_\_\_\_  
Thomas J. WEBSTER

Date: 7-3-13  
(month/day/year)

Qian Chen  
\_\_\_\_\_  
Qian CHEN

Date: \_\_\_\_\_  
(month/day/year)

\_\_\_\_\_  
Yupeng CHEN

## **ASSIGNMENT**

In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assigns to:

**Brown University**  
of PROVIDENCE, RI

and

**Rhode Island Hospital**  
of PROVIDENCE, RI

its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in U.S. Application Serial Number 13/977,138 filed June 28, 2013 (Attorney Docket No. 007690.00041) entitled:

### **Nanotubes as Carriers of Nucleic Acids into Cells**

and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, including all continuations, continuations-in-part, and divisions on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assign to said assignee the priority right provided by the International Convention.

The undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorizes and requests the attorneys of record in said application to insert in this assignment the filing date and serial number of said application when officially known, if not already present.

The undersigned warrants to be the owner of the entire right, title and interest in said invention or improvements herein assigned and to have the right to make this assignment, and further warrant that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

For said considerations the undersigned hereby agrees, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application and any and all applications and

other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations the undersigned authorize said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agree, upon the request of said assignee, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignee, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

Date: \_\_\_\_\_  
(month/day/year)

\_\_\_\_\_  
Thomas J. WEBSTER

Date: \_\_\_\_\_  
(month/day/year)

\_\_\_\_\_  
Qian CHEN

07/02/13

Date: \_\_\_\_\_  
(month/day/year)

\_\_\_\_\_  
Yupeng CHEN