

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Naoto Shimizu</td> <td>07/30/2009</td> </tr> <tr> <td>Henry M. Kronenberg</td> <td>10/27/2009</td> </tr> <tr> <td>John T. Potts Jr.</td> <td>11/30/2009</td> </tr> </tbody> </table>		Name	Execution Date	Naoto Shimizu	07/30/2009	Henry M. Kronenberg	10/27/2009	John T. Potts Jr.	11/30/2009		
Name	Execution Date										
Naoto Shimizu	07/30/2009										
Henry M. Kronenberg	10/27/2009										
John T. Potts Jr.	11/30/2009										
<b>RECEIVING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>The General Hospital Corporation</td> </tr> <tr> <td>Street Address:</td> <td>55 Fruit Street</td> </tr> <tr> <td>City:</td> <td>Boston</td> </tr> <tr> <td>State/Country:</td> <td>MASSACHUSETTS</td> </tr> <tr> <td>Postal Code:</td> <td>02114</td> </tr> </table>		Name:	The General Hospital Corporation	Street Address:	55 Fruit Street	City:	Boston	State/Country:	MASSACHUSETTS	Postal Code:	02114
Name:	The General Hospital Corporation										
Street Address:	55 Fruit Street										
City:	Boston										
State/Country:	MASSACHUSETTS										
Postal Code:	02114										
PROPERTY NUMBERS Total: 1											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th style="width: 70%;">Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>10564744</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	10564744						
Property Type	Number										
Application Number:	10564744										
<b>CORRESPONDENCE DATA</b>											
Fax Number: (617)428-7045 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 6174280200 Email: patentadministrator@clarkelbing.com Correspondent Name: Karen L. Elbing, Ph.D. Address Line 1: Clark & Elbing LLP Address Line 2: 101 Federal Street Address Line 4: Boston, MASSACHUSETTS 02110											
ATTORNEY DOCKET NUMBER:	00786/540002										
NAME OF SUBMITTER:	Karen L. Elbing										
Total Attachments: 6 source=00786_540002_assignment_epas#page1.tif											

CH \$40.00 10564744

**501054292**

**PATENT**  
**REEL: 023718 FRAME: 0522**

source=00786\_540002\_assignment\_epas#page2.tif  
source=00786\_540002\_assignment\_epas#page3.tif  
source=00786\_540002\_assignment\_epas#page4.tif  
source=00786\_540002\_assignment\_epas#page5.tif  
source=00786\_540002\_assignment\_epas#page6.tif

## ASSIGNMENT

For valuable consideration, we,

Full Name of Assignor	City	State (and Country if not USA)
Naoto SHIMIZU		Japan
Henry M. KRONENBERG	Belmont	MA
John T. POTTS, Jr.	Newton	MA

hereby assign to

Full Name of Assignee	State of Incorporation	Business Address
The General Hospital Corporation	Massachusetts	55 Fruit Street Boston, MA 02114

and to 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 one or more applications for United States Patent signed by us, identified as:

Title of Application	Filing Date	Serial Number
CONFORMATIONALLY CONSTRAINED PARATHYROID HORMONE (PTH) ANALOGS	March 3, 2006	10/564,744

and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment includes said application, 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 application 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 names 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 this assignment. This assignment also includes the right to sue for past acts of infringement, whether based on any patents listed herein, patents issuing from applications listed herein, or provisional rights from any patent applications listed herein.

*Naoto Shimizu*

月, 日, 年

*Naoto Shimizu*

July 30, 2009

Naoto SHIMIZU

Date

Witnessed by

PRINTED NAME

IN WITNESS WHEREOF, I hereto set my hand and seal at \_\_,  
this \_\_\_\_ day of \_\_\_\_\_, 20\_\_.

L.S.

Henry M. KRONENBERG

STATE OF \_\_\_\_\_:

:ss.

COUNTY OF \_\_\_\_\_:

On this \_\_\_\_ day of \_\_\_\_\_, 20\_\_, before me, the undersigned notary public,  
personally appeared **Henry M. KRONENBERG**, proved to me through satisfactory evidence of  
identification, which consisted of \_\_\_\_\_, 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 \_\_\_\_\_,  
this \_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
**John T. POTTS, Jr.** L.S.

STATE OF \_\_\_\_\_:

:ss.

COUNTY OF \_\_\_\_\_:

On this \_\_\_\_ day of \_\_\_\_\_, 20\_\_, before me, the undersigned notary public,  
personally appeared **John T. POTTS, Jr.**, proved to me through satisfactory evidence of identification,  
which consisted of \_\_\_\_\_, 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]

## ASSIGNMENT

For valuable consideration, we,

Full Name of Assignor	City	State (and Country if not USA)
Naoto SHIMIZU		Japan
Henry M. KRONENBERG	Belmont	MA
John T. POTTS, Jr.	Newton	MA

hereby assign to

Full Name of Assignee	State of Incorporation	Business Address
The General Hospital Corporation	Massachusetts	55 Fruit Street Boston, MA 02114

and to 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 one or more applications for United States Patent signed by us, identified as:

Title of Application	Filing Date	Serial Number
CONFORMATIONALLY CONSTRAINED PARATHYROID HORMONE (PTH) ANALOGS	March 3, 2006	10/564,744

and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment includes said application, 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 application 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 names 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 this assignment. This assignment also includes the right to sue for past acts of infringement, whether based on any patents listed herein, patents issuing from applications listed herein, or provisional rights from any patent applications listed herein.

Naoto SHIMIZU

Date

Witnessed by

PRINTED NAME

IN WITNESS WHEREOF, I hereto set my hand and seal at \_\_,  
this 27<sup>th</sup> day of October, 2009.

Henry M. Kronenberg L.S.  
Henry M. KRONENBERG

STATE OF Massachusetts

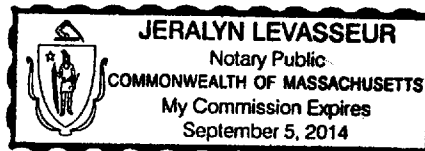
COUNTY OF Suffolk :ss.

On this 27 day of October, 2009, before me, the undersigned notary public,  
personally appeared **Henry M. KRONENBERG**, proved to me through satisfactory evidence of  
identification, which consisted of \_\_\_\_\_, 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.

Jeralyn Levasseur  
Notary Public

My Commission Expires:

[Notary's Seal Here]



IN WITNESS WHEREOF, I hereto set my hand and seal at  
this 30 day of November, 2009

Boston, Ma

John T. POTTS, Jr. L.S.

STATE OF Ma

COUNTY OF Suffolk :ss.

On this 30 day of November, 2009, before me, the undersigned notary public,  
personally appeared John T. POTTS, Jr., proved to me through satisfactory evidence of identification,  
which consisted of Knowledge, 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.

Jeralyn Levasseur  
Notary Public

My Commission Expires:

[Notary's Seal Here]

