

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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>Nicholas Alexander Melosh</td> <td>05/07/2012</td> </tr> <tr> <td>Piyush Verma</td> <td>05/18/2012</td> </tr> <tr> <td>Benjamin David Almquist</td> <td>03/06/2012</td> </tr> </tbody> </table>		Name	Execution Date	Nicholas Alexander Melosh	05/07/2012	Piyush Verma	05/18/2012	Benjamin David Almquist	03/06/2012
Name	Execution Date								
Nicholas Alexander Melosh	05/07/2012								
Piyush Verma	05/18/2012								
Benjamin David Almquist	03/06/2012								
RECEIVING PARTY DATA									
Name:	The Board of Trustees of the Leland Stanford Junior University								
Street Address:	1705 El Camino Real								
City:	Palo Alto								
State/Country:	CALIFORNIA								
Postal Code:	94306								
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>13412543</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13412543				
Property Type	Number								
Application Number:	13412543								
CORRESPONDENCE DATA									
Fax Number:	(650)212-7562								
Phone:	650-212-1700								
Email:	info@shayglenn.com								
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>									
Correspondent Name:	Shay Glenn LLP								
Address Line 1:	2755 Campus Drive, Suite 210								
Address Line 4:	San Mateo, CALIFORNIA 94403								
ATTORNEY DOCKET NUMBER:	10220-724.200								
NAME OF SUBMITTER:	Jennifer Capizzi								
Total Attachments: 7									
source=S10-236_10220-724-200_Assignment#page 1.tif									

CH \$40.00 13412543

source=S10-236_10220-724-200_Assignment#page2.tif
source=S10-236_10220-724-200_Assignment#page3.tif
source=S10-236_10220-724-200_Assignment#page4.tif
source=S10-236_10220-724-200_Assignment#page5.tif
source=S10-236_10220-724-200_Assignment#page6.tif
source=S10-236_10220-724-200_Assignment#page7.tif

ASSIGNMENT OF PATENT APPLICATION**Docket Number: 10220-724.200
S10-236**

This Assignment of Patent Application is between: **Nicholas Alexander Melosh** of Menlo Park, CA; **Piyush Verma** of Mountain View, CA; and **Benjamin David Almquist** of Somerville, MA, hereinafter referred to as "Inventor" and and **The Board of Trustees of The Leland Stanford Junior University** having corporate powers under the laws of the State of California, having a place of business at 1705 El Camino Real, Palo Alto, California, 94306-1106, (hereinafter termed "Assignee").

WHEREAS Inventor has invented certain new and useful improvements in:

"DEVICES AND METHODS FOR LONG-TERM INTRACELLULAR ACCESS"

for which an application for a United States Patent was filed on **March 5, 2012**, as Application No. **13/412,543**, which claims benefit of U.S. Provisional Patent Application No. **61/449,615**, filed March 4, 2011.

WHEREAS, Assignee is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered by said Inventor (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventor to have been received in full from said Assignee:

1. Said Inventor does hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.

2. Said Inventor hereby covenants and agrees to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventor shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of the said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contest, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventor in providing such cooperation shall be paid for by said Assignee.

3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventor, his heirs, legal representatives and assigns.

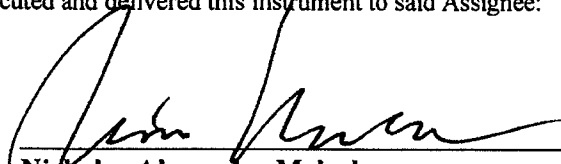
4. Said Inventor hereby warrants and represents that he has not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

ASSIGNMENT OF PATENT APPLICATION

**Docket Number: 10220-724.200
S10-236**

IN WITNESS WHEREOF, said Inventor has executed and delivered this instrument to said Assignee:

5/7/2012
Date



Nicholas Alexander Melosh

Date

Piyush Verma

Date

Benjamin David Almquist

ASSIGNMENT OF PATENT APPLICATION**Docket Number: 10220-724.200
S10-236**

This Assignment of Patent Application is between: **Nicholas Alexander Melosh** of Menlo Park, CA; **Piyush Verma** of Mountain View, CA; and **Benjamin David Almquist** of Somerville, MA, hereinafter referred to as "Inventor" and **The Board of Trustees of The Leland Stanford Junior University** having corporate powers under the laws of the State of California, having a place of business at 1705 El Camino Real, Palo Alto, California, 94306-1106, (hereinafter termed "Assignee").

WHEREAS Inventor has invented certain new and useful improvements in:

"DEVICES AND METHODS FOR LONG-TERM INTRACELLULAR ACCESS"

for which an application for a United States Patent was filed on **March 5, 2012**, as Application No. **13/412,543**, which claims benefit of U.S. Provisional Patent Application No. 61/449,615, filed March 4, 2011.

WHEREAS, Assignee is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered by said Inventor (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventor to have been received in full from said Assignee:

1. Said Inventor does hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.

2. Said Inventor hereby covenants and agrees to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventor shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of the said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contest, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventor in providing such cooperation shall be paid for by said Assignee.

3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventor, his heirs, legal representatives and assigns.

4. Said Inventor hereby warrants and represents that he has not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

PATENT**REEL: 028370 FRAME: 0730**

ASSIGNMENT OF PATENT APPLICATION

**Docket Number: 10220-724.200
S10-236**

IN WITNESS WHEREOF, said Inventor has executed and delivered this instrument to said Assignee:

Date

05/18/2012

Date

Date

Nicholas Alexander Melosh

Piyush V.

Piyush Verma

Benjamin David Almquist

ASSIGNMENT OF PATENT APPLICATION**Docket Number: 10220-724.200
S10-236**

This Assignment of Patent Application is between: **Nicholas Alexander Melosh** of Menlo Park, CA; **Piyush Verma** of Mountain View, CA; and **Benjamin David Almquist** of Somerville, MA, hereinafter referred to as "Inventor" and **The Board of Trustees of The Leland Stanford Junior University** having corporate powers under the laws of the State of California, having a place of business at 1705 El Camino Real, Palo Alto, California, 94306-1106, (hereinafter termed "Assignee").

WHEREAS Inventor has invented certain new and useful improvements in:

"DEVICES AND METHODS FOR LONG-TERM INTRACELLULAR ACCESS"

for which an application for a United States Patent was filed on **March 5, 2012**, as Application No. **13/412,543**, which claims benefit of U.S. Provisional Patent Application No. 61/449,615, filed March 4, 2011.

WHEREAS, Assignee is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered by said Inventor (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventor to have been received in full from said Assignee:

1. Said Inventor does hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.

2. Said Inventor hereby covenants and agrees to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventor shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of the said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contest, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventor in providing such cooperation shall be paid for by said Assignee.

3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventor, his heirs, legal representatives and assigns.

4. Said Inventor hereby warrants and represents that he has not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

PATENT**REEL: 028370 FRAME: 0732**

ASSIGNMENT OF PATENT APPLICATION

**Docket Number: 10220-724.200
S10-236**

IN WITNESS WHEREOF, said Inventor has executed and delivered this instrument to said Assignee:

Date

Nicholas Alexander Melosh

Date

Piyush Verma

MARCH 6, 2012

Date



Benjamin David Almquist

PATENT