PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

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

Property Type	Number
Application Number:	13412543

CORRESPONDENCE DATA

 Fax Number:
 (650)212-7562

 Phone:
 650-212-1700

 Email:
 info@shayglenn.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

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

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U.S. DEPARTMENT OF COMMERCE

RECORDATION FORM COVER SHEET

PATENT AND TRADEMARK OFFICE

PATENTS	SONLY
TO THE HONORABLE DIRECTOR OF THE UNITED STATES PATENT ORIGINAL DOCUMENTS OR COPY THEREOF.	AND TRADEMARK OFFICE. PLEASE RECORD THE ATTACHED
Name of conveying party(ies):	Name and address of receiving party(ies):
 (1) Nicholas Alexander Melosh (2) Piyush Verma (3) Benjamin David Almquist Additional name(s) of conveying party(ies) attached? Yes No 	Name: The Board of Trustees of The Leland Stanford Junior University 1705 El Camino Real Palo Alto, CA 94306
3. Nature of Conveyance:	Name and address of receiving party(ies):
Assignment Merger	Name:
Security Agreement Change of Name	Street Address: City: State: Zip:
Other	Country:
EXECUTION DATES: (1) 05/07/2012 (2) 05/18/2012 (3) 03/06/2012	Additional name(s) & address(es) attached? Yes No
Application number(s) or patent number(s):	
If this document is being filed together with a new application, the	e execution date of the application is:
A. Patent Application No.(s) - 13/412,543	B. Patent No.(s)
Title: DEVICES AND METHODS FOR LONG-TERM INTRACELLULAR ACCESS	
Additional num	pers attached? Yes No
Name and address of party to whom correspondence concerning document should be mailed:	Total number of applications and patents involved:
Richard D. Shoop Shay Glenn LLP	
2755 Campus Drive, Suite 210	
San Mateo, CA 94403	7. Total fee (37 CFR 3.41): \$40.00
	A check is enclosed that includes the total fee.
	Charge the \$40 fee to Deposit Account 50-4050.
DO NOT USE 1	THIS SPACE
8. Statement and signature.	
To the best of my knowledge and belief, the foregoing information original document.	on is true and correct and any attached copy is a true copy of the
Richard D. Shoop, Reg. No. 45,763	June 13, 2012
Name of Person Signing Total number of pages including cover sheet, attachments, and document	Signature Date

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

5/7/2012	executed and delivered this instrument to said Assignee:
Date	Nicholas Alexander Melosh
Date	Dismala Wasses
Date	Piyush Verma
	· .
Date	Benjamin David Almquist

Docket Number:

10220-724.200

S10-236

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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:

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- 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 exe	cuted and delivered this instrumen	t to said Assignee:
Date	Nicholas Alexander Melosi	h
05/18/2012 Date	Piyush Verma	
Date	Benjamin Davíd Almquist	

Docket Number:

10220-724.200

S10-236

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- 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

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

MARCH 6, 2012

Piyush Verma

Benjamin David Almquist

PATENT

REEL: 028370 FRAME: 0733

RECORDED: 06/13/2012