

## PATENT ASSIGNMENT

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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>Mark A. Zumberge</td> <td>04/27/2012</td> </tr> <tr> <td>Jonathan Berger</td> <td>04/27/2012</td> </tr> </tbody> </table>		Name	Execution Date	Mark A. Zumberge	04/27/2012	Jonathan Berger	04/27/2012
Name	Execution Date						
Mark A. Zumberge	04/27/2012						
Jonathan Berger	04/27/2012						
RECEIVING PARTY DATA							
Name:	The Regents of the University of California						
Street Address:	1111 Franklin Street						
Internal Address:	5th Floor						
City:	Oakland						
State/Country:	CALIFORNIA						
Postal Code:	94607-5200						
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>13437901</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13437901		
Property Type	Number						
Application Number:	13437901						
CORRESPONDENCE DATA							
Fax Number:	(858)720-5819						
Phone:	(858) 720-5700						
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Correspondent Name:	Bing Ai						
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ATTORNEY DOCKET NUMBER:	09062-8208.US01						
NAME OF SUBMITTER:	Jennifer H. Canarelli						
Total Attachments: 2 source=2012-06-20_Assignment#page1.tif source=2012-06-20_Assignment#page2.tif							

CH \$40.00 13437901

## ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS

**Mark A. Zumberge and Jonathan Berger**

hereby sell, assign and transfer to ASSIGNEE, The Regents of the University of California, a California corporation, having its statewide administrative offices located at 1111 Franklin St. 5th Floor, Oakland, CA 94607-5200, and the successors, assigns and legal representatives of the ASSIGNEE all of their right, title and interest for the United States and its territorial possessions and in all foreign countries in and to any and all improvements which are disclosed in the invention entitled

### OPTICAL SEISMOMETER

and which are found in U.S. Application Serial No. 13/437,901 filed on **April 2, 2012**, entitled as above and listing the above named persons as inventors, and any legal equivalent thereof in a foreign country, including the right to claim priority and in and to all Letters Patent to be obtained for said invention by the above application or any continuation, divisional, continuation-in-part, conversion to 35 USC 111(a) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;

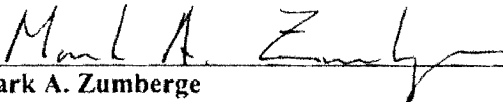
ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNORS further covenant that ASSIGNEE will, upon request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNORS and will testify as to the same in any interference, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE, or its legal representative, any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.

AND the ASSIGNORS request the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, The Regents of the University of California.

Executed this 27 day of April, 2012

  
**Mark A. Zumberge**

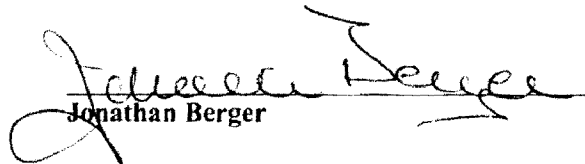
Residence Address:

3254 Villanova Ave.  
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Citizenship: USA

Executed this 27 day of April, 2012

  
**Jonathan Berger**

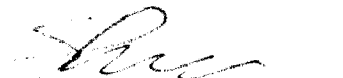
Residence Address:

3376 Hill St.  
Address

San Diego CA 92106  
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Citizenship: USA

Signed and hereby accepted on behalf of the Assignee:

  
Shihong Nicolaou, Ph. D  
Intellectual Property Manager

Date: 5/3/2012