

## 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>Guoan Zheng</td> <td>05/23/2012</td> </tr> <tr> <td>Xiquan Cui</td> <td>06/08/2012</td> </tr> <tr> <td>Xin Heng</td> <td>06/07/2012</td> </tr> <tr> <td>Changhuei Yang</td> <td>05/23/2012</td> </tr> <tr> <td>Axel Scherer</td> <td>06/08/2012</td> </tr> </tbody> </table>		Name	Execution Date	Guoan Zheng	05/23/2012	Xiquan Cui	06/08/2012	Xin Heng	06/07/2012	Changhuei Yang	05/23/2012	Axel Scherer	06/08/2012
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RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>California Institute of Technology</td> </tr> <tr> <td>Street Address:</td> <td>1200 East California Blvd.</td> </tr> <tr> <td>City:</td> <td>Pasadena</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>91125</td> </tr> </table>		Name:	California Institute of Technology	Street Address:	1200 East California Blvd.	City:	Pasadena	State/Country:	CALIFORNIA	Postal Code:	91125		
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CORRESPONDENCE DATA													
<p>Fax Number: 8666612953          Phone: 4153551569          Email: sml@sfpatents.com  <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Sheila Martinez-Lemke          Address Line 1: 110 Pacific Ave.          Address Line 2: Ste. 240          Address Line 4: San Francisco, CALIFORNIA 94111-1900</p>													
ATTORNEY DOCKET NUMBER:	20859-4633US-CIP-CIP												
NAME OF SUBMITTER:	Sheila Martinez-Lemke												

OP \$40.00 13344550

Total Attachments: 4

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ASSIGNMENT OF PATENT APPLICATION

WHEREAS, Guoan Zheng of 378 S. Catalina, Apt. 101, Pasadena, California 91106; Xiquan Cui of 3200 Corbal Ct, San Jose, California 95148; Xin Heng of 2430 Prospect Street, Apt. 301, Berkeley, CA 94704; Changhui Yang of 1269 E. Elizabeth Street, Pasadena, California 91104; and Axel Scherer of 306 Prosper Road, Woodstock, Vermont, 05091, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: Surface Wave Assisted Structures and Systems

Filing Date: January 5, 2012

Application No.: 13/344550; and

WHEREAS, California Institute of Technology, located at 1200 East California Blvd., Pasadena, California 91125, hereinafter referred to as "Assignee," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model, and industrial designs), and in and to any Letter Patent and Registrations which may be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors has this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but as Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: \_\_\_\_\_

Guoan Zheng

Dated: \_\_\_\_\_

Xiquan Cui

Dated: \_\_\_\_\_

Xin Heng

Dated: \_\_\_\_\_

Changhui Yang

Dated: 6/8/2012

Axel Scherer

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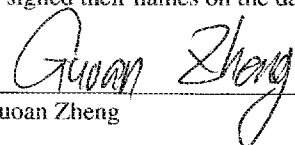
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Dated: 5/23/12

  
Guoan Zheng

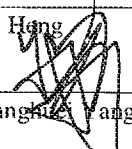
Dated: \_\_\_\_\_

\_\_\_\_\_  
Xiquan Cui

Dated: \_\_\_\_\_

\_\_\_\_\_  
Xin Heng

Dated: 13 May 12

  
Changhui Yang

Dated: \_\_\_\_\_

\_\_\_\_\_  
Axel Scherer

Attorney Docket No.: 20859-4633US-CIP-CIP  
Caltech Reference No.: CIT 4633-CIP-CIP

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\_\_\_\_\_  
Guoan Zheng

Dated: \_\_\_\_\_

\_\_\_\_\_  
Xiquan Cui

Dated: June 7/2012

  
\_\_\_\_\_  
Xin Heng

Dated: \_\_\_\_\_

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Guoan Zheng

Dated: June 8th, 2012

Xiquan Cui  
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Dated: \_\_\_\_\_

Xin Heng

Dated: \_\_\_\_\_

Changhuei Yang

Dated: \_\_\_\_\_

Axel Scherer