

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>Pei Zhong</td> <td>03/23/2012</td> </tr> <tr> <td>Glenn M. Preminger</td> <td>04/23/2012</td> </tr> <tr> <td>Georgy N. Sankin</td> <td>03/23/2012</td> </tr> <tr> <td>Franklin Hadley Cocks</td> <td>03/23/2012</td> </tr> <tr> <td>Walter Neal Simmons</td> <td>03/23/2012</td> </tr> </tbody> </table>		Name	Execution Date	Pei Zhong	03/23/2012	Glenn M. Preminger	04/23/2012	Georgy N. Sankin	03/23/2012	Franklin Hadley Cocks	03/23/2012	Walter Neal Simmons	03/23/2012
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<table border="1"> <tr> <td>Name:</td> <td>Duke University</td> </tr> <tr> <td>Street Address:</td> <td>2812 Erwin Road</td> </tr> <tr> <td>Internal Address:</td> <td>Suite 306</td> </tr> <tr> <td>City:</td> <td>Durham</td> </tr> <tr> <td>State/Country:</td> <td>NORTH CAROLINA</td> </tr> <tr> <td>Postal Code:</td> <td>27705</td> </tr> </table>		Name:	Duke University	Street Address:	2812 Erwin Road	Internal Address:	Suite 306	City:	Durham	State/Country:	NORTH CAROLINA	Postal Code:	27705
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CORRESPONDENCE DATA													
<p>Fax Number:</p> <p>Phone: 919-493-8000</p> <p>Email: gchaney@jwth.com</p> <p><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: Jeffrey L. Wilson</p> <p>Address Line 1: 3100 Tower Blvd</p> <p>Address Line 2: Suite 1200</p> <p>Address Line 4: Durham, NORTH CAROLINA 27707</p>													
ATTORNEY DOCKET NUMBER:	180/277 PCT/US												

OP \$40.00 13400446

NAME OF SUBMITTER:

Jeffrey L. Wilson

Total Attachments: 4

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PATENT

Atty Docket: 180/277 PCT/US

ASSIGNMENT

WHEREAS, we, Pei Zhong, of Chapel Hill, North Carolina; Glenn M. Preminger, of Chapel Hill, North Carolina; Georgy N. Sankin of Durham, North Carolina; Franklin Hadley Cocks of Durham, North Carolina; and Walter Neal Simmons of Durham, North Carolina hereinafter ("Assignors"), have invented certain new and useful improvements in ACOUSTIC LENS FOR SHOCKWAVE LITHOTRIPSY AND RELATED METHODS for which application for a U.S. Patent was made on February 20, 2012 as U.S. Patent Application No. 13/400,446 based on PCT International Application No. PCT/US2010/026654 filed March 9, 2010, which claims priority to U.S. Provisional Patent Application Serial No. 61/274,632 filed August 19, 2009.

AND, WHEREAS, Duke University, a non-profit organization located at 2812 Erwin Road, Suite 306, Durham, North Carolina 27705 (hereinafter "Assignee"), is desirous of acquiring an interest therein.

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignors have sold and by these presents do hereby sell, assign, transfer and convey unto the Assignee, its successors and assigns, their entire right, title and interest in and to the invention and application, and in and to any and all United States patent applications filed pursuant to 35 U.S.C. § 111(a) pertaining to said invention and/or which claim priority to the United States provisional patent application referenced above, and in and to any and all foreign patent applications filed on the invention, and in and to any and all continuations, continuations-in-part, or divisions of any U.S. or foreign patent application filed on the invention, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted, together with their right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignors if this assignment and sale had not been made.

PATENT

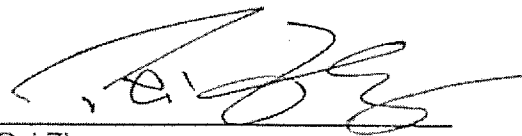
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Assignors hereby request that said Letters Patent be issued in accordance with this assignment.

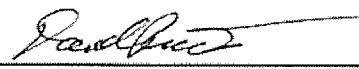
Assignors further covenant and agree that, at the time of the execution and delivery of these presents, Assignors possess full title to the invention and application above-mentioned, and that they have the unencumbered right and authority to make this assignment.

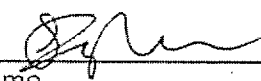
Assignors further covenant and agree, and likewise bind their heirs, legal representatives and assigns, to promptly communicate to said Assignee or its representatives any facts known to them relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the Assignee, its representatives, successors and assigns to secure patent or similar protection for the said invention in all countries and to vest in the Assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said Assignee, its successors, assigns and other legal representatives.

Executed this 23rd day of March 2012.

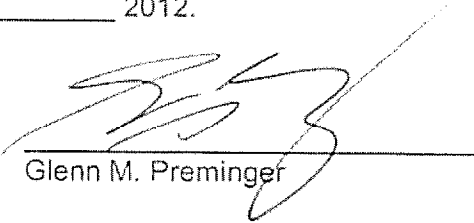

Pei Zhong

Witnessed by:


Name _____ Date 3/23/2012
Date


Name _____ Date 3/23/2012
Date

Executed this 23 day of April 2012.

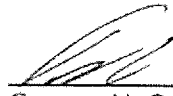

Glenn M. Preminger

Witnessed by:

Name Date

Name Date

Executed this 23rd day of March 2012.

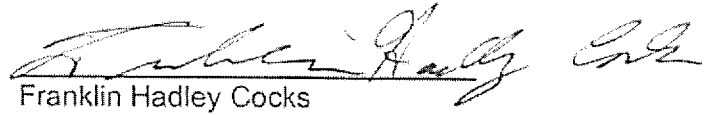

Georgy N. Sankin

Witnessed by:

 3/23/2012
Name Date

 3/23/2012
Name Date

Executed this 23rd day of March 2012.


Franklin Hadley Cocks

Witnessed by:

Blenda W. Hester 3-23-12
Name Date

Kath L. Paine 3-23-12
Name Date

Executed this 23 day of MARCH 2012.


Walter Neal Simmons

Witnessed by:

Blenda W. Hester 3-23-12
Name Date

Kath L. Paine 3-22-12
Name Date