

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT3117315

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
LIANJI HUANG	11/20/2014
ZHIGANG ZHANG	11/20/2014
<b>RECEIVING PARTY DATA</b>	
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<b>Internal Address:</b>	LC/IP
<b>City:</b>	LOS ALAMOS
<b>State/Country:</b>	NEW MEXICO
<b>Postal Code:</b>	87545
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14339770
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<b>ATTORNEY DOCKET NUMBER:</b>	LAD2011-077-6-US (S-133,0
<b>NAME OF SUBMITTER:</b>	STEVEN E. KENNEDY/
<b>SIGNATURE:</b>	/STEVEN E. KENNEDY/
<b>DATE SIGNED:</b>	11/20/2014
<b>Total Attachments: 2</b>	
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**PATENT**

Attorney Docket No.: LAD2011-077-6-US (S-133,025)

**ASSIGNMENT**  
(Patent Application)

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S),

Name: LIANJI HUANG  
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Citizenship: US

Name: ZHIGANG ZHANG  
Address: 8990 RICHMOND AVENUE  
APARTMENT #727  
HOUSTON, TEXAS 77063  
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hereby sell(s), assign(s) and transfer(s) to ASSIGNEE(S):

Name: LOS ALAMOS NATIONAL SECURITY, LLC  
Address: LOS ALAMOS NATIONAL LABORATORY  
LC/IP - MS A187  
LOS ALAMOS, NM 87545

and the successors, assigns and legal representatives of the ASSIGNEE(S), the entire right, title and interest for the United States and its territorial possessions and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled:

**SYSTEMS AND METHODS FOR INCREASING EFFICIENCY OF ULTRASOUND WAVEFORM TOMOGRAPHY**

and which is found in

[X] U.S. patent application number 14/339,770 filed on July 24, 2014.

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 provisional, nonprovisional, continuation, continuation of a PCT international application under 35 USC 11.1(a), 35 USC 371 national stage entry from a PCT international application, division, continuation-in-part, extension, 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, and including the right to sue for past infringement;

ASSIGNOR(S) hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR(S) further covenant(s) that ASSIGNEE(S) 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 ASSIGNOR(S) and will testify as to the same in any interference, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE(S) or the legal representative(s) thereof 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;


ASSIGNOR(S) agree that all of their obligations hereunder shall survive any termination of their

employment and shall be binding on their heirs, executors, administrators, or other legal representatives or assigns;

ASSIGNOR(S) request(s) the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE(S); and

ASSIGNOR(S) request(s) and hereby authorize the attorney(s) of record in this application to insert into this Assignment the serial number and filing date of said application when officially known.

Date: 11/20/2014 Inventor:

  
LIANJIIE HUANG

Date: 11/20/2014 Inventor:

  
ZHIGANG ZHANG

Hereby accepted on behalf of the Assignee:

By: 

Date: 11/20/2014

Name: Steven Kennedy

O'BANION & RITCHEY LLP