

## PATENT ASSIGNMENT COVER SHEET

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<b>NATURE OF CONVEYANCE:</b>	NUNC PRO TUNC ASSIGNMENT
<b>EFFECTIVE DATE:</b>	08/08/2014
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
RANDOLPH D. GLICKMAN	08/08/2014
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<b>Name:</b>	THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SECRETARY OF THE NAVY
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<b>PROPERTY NUMBERS Total: 3</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12672361
<b>Application Number:</b>	60955275
<b>PCT Number:</b>	US0809597
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<b>NAME OF SUBMITTER:</b>	NING YANG
<b>SIGNATURE:</b>	/Ning Yang/
<b>DATE SIGNED:</b>	08/12/2014
<b>Total Attachments: 1</b> source=Glickman_AssignmentPCT98448#page1.tif	

## ASSIGNMENT

WHEREAS, I, Randolph D. Glickman of San Antonio, TX, while employed by the Government of the United States, have invented certain new and useful improvements in **Photoacoustic Joulemeter Utilizing Beam Deflection Technique** identified as Navy Case No. 98448 and described in U.S. Patent Application Serial No. 12/672,361 filed on 02/05/2010 which is national stage application of PCT/US08/09597 filed on 08/11/2008, claiming the benefit of 60/955,275 filed on 08/10/2007; and

Whereas, I have assigned and transferred to the United States of America as represented by the Secretary of the Navy, and hereinafter called the Government, the entire right, title, and interest in and to said invention within the United States of America, its territories and possessions, and the entire right, title and interest in and to said application and any continuation, division, or substitution thereof, and such Letters Patent as may issue therefrom and any reissue or extensions thereof;

Whereas, the Government is desirous of obtaining the entire right, title, and interest in and to the invention within the following foreign countries: **All countries signatory to the Patent Cooperation Treaty (PCT)**

Whereas, by acquiring the entire right, title, and interest in and to the invention within the above listed foreign countries, the Government will be enabled to license the invention in such countries and share the income from the licensing with the inventors as allowed by law;

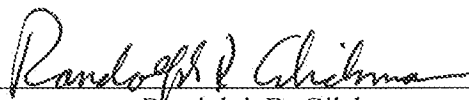
Now therefore, I do hereby also grant unto the Government, the entire right, title and interest in the invention and all patent applications or other forms of protection thereon in the above listed countries in which the Government may file or cause to be filed, applications for Letters Patent or other forms of protection. This assignment is made nunc pro tunc \*.

I hereby further agree to make, execute, and deliver to the Government, any and all papers, documents, affidavits, statements, or other instruments that may be necessary in the prosecution of the application and of any continuation, division or substitution of the application, or any application for reissue or extension of said Letters Patent, and to assist the Government in every way in protecting the invention as may be requested, provided that any expense arising through such efforts will be paid by the Government.

IN TESTIMONY WHEREOF, I have set my hand and affixed my seal.

Date:

8/8/14



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Randolph D. Glickman

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