

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3145994

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ANDREW D CUTLER	09/04/2013
RECEIVING PARTY DATA	
Name:	THE GEORGE WASHINGTON UNIVERSITY
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13671270
CORRESPONDENCE DATA	
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NAME OF SUBMITTER:	PETER S. WEISSMAN
SIGNATURE:	/PETER S. WEISSMAN/
DATE SIGNED:	12/12/2014
Total Attachments: 3	
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ASSIGNMENT

THIS ASSIGNMENT, made on the date set forth below by Andrew D. CUTLER, residing at 103 Potapscott Turn, Yorktown, VA 23693 (hereinafter referred to as "Assignor");

WHEREAS, Assignor has invented certain new and useful improvements in SPATIALLY-AND-TEMPORALLY-RESOLVED MULTI-PARAMETER INTERFEROMETRIC RAYLEIGH SCATTERING SYSTEM AND METHOD set forth in U.S. Patent Application No. 13/671,270, filed November 7, 2012, International Patent Application No. PCT Patent Application No. PCT/US11/35580, filed on May 6, 2011, and Provisional Application Nos. 61/332,511, filed May 7, 2010, 61/346,599, filed May 20, 2010, and 61/424,502, filed December 17, 2010; and

WHEREAS, The George Washington University, a Congressionally Chartered Not-For-Profit Corporation, having its principal place of business at Rice Hall, Suite 601, 2121 I Street, NW, Washington, DC 20052 (hereinafter referred to as "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions and said International Patent Application and said Provisional and Non-Provisional Applications, and in and to any Letters Patent to be obtained therefore and thereon.

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor has sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions in all forms or embodiments thereof and applications for Letters Patent, and in and to any and all direct and indirect divisions, renewals, substitutes, non-provisionals, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor and thereon, and reissues, reexaminations, prolongations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.

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AND for the same consideration, Assignor hereby represents and warrants to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignor is the sole and lawful owner of the entire right, title and interest in and to the said inventions and applications for Letters Patent above-mentioned, and that the same are unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignor hereby covenants and agrees to and with Assignee, its successors, legal representatives and assigns, that Assignor will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise without charge to Assignee: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, renewal; substitute, non-provisional, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination, prolongation or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignor hereby requests the Letters Patent in all forms and embodiments of the invention be issued to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

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AND Assignor acknowledges an obligation of assignment of this invention
to Assignee at the time the invention was made.

Date: September 4, 2013

Signature: Andrew D. Cutler
Andrew D. CUTLER

United States of America

State of Virginia) ss.: 557 59 2750
County of York

On this 5 day of Sept, 2013, before me personally came Andrew D.
CUTLER to me known to be the individual described in and who executed the foregoing
instrument, and acknowledged execution of the same.

Patricia A. Cooper
Notary Public



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9/5/13