

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
AERA ENERGY LLC	02/28/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	TERENCE P. O'SULLIVAN
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<b>City:</b>	BAKERSFIELD
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	93311
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Patent Number:	7538318
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(213)892-9494
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
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<b>ATTORNEY DOCKET NUMBER:</b>	AERA.P0004US / 11607377
<b>NAME OF SUBMITTER:</b>	TROY M. SCHMELZER
<b>SIGNATURE:</b>	/Troy M. Schmelzer/
<b>DATE SIGNED:</b>	03/31/2017
<b>Total Attachments: 1</b>	
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**PATENT ASSIGNMENT AGREEMENT**

**THIS AGREEMENT** is made by and between Aera Energy LLC ("Assignor"), having its principal place of business at 10000 Ming Avenue, Bakersfield, CA 93389, and Terence P. O'Sullivan ("Assignee"), an individual residing at 10402 Finchley Drive, Bakersfield, CA 93311 (collectively the "Parties").

**WHEREAS**, Assignor is the owner of United States Patent No. 7,538,318 entitled "Condensation-Induced Gamma Radiation as a Method for the Identification of Condensable Vapor", issued by the United States Patent and Trademark Office on May 26, 2009 (the "Patent"), granted on United States patent application no. 12/038,726, as is indicated by the assignment document recorded with the United States Patent and Trademark Office at Reel/Frame 020948/0943.

**WHEREAS**, Assignee is desirous of acquiring the right, title and interest in the Patent from Assignor, and Assignor wishes to convey its right, title and interest in the Patent to Assignee.

**NOW THEREFORE**, for good and valuable consideration, the receipt, sufficiency and adequacy of which are hereby acknowledged, the Parties hereby agree as follows:

1. *Assignment.* Assignor hereby transfers and assigns to Assignee, Assignor's right, title, and interest in the Patent. This assignment does not grant to Assignee any other right in any other patent or intellectual property owned by Assignor.

2. *Grant Back of License to Assignor.* Assignee hereby grants back to Assignor and Assignor's member companies a nonexclusive, royalty-free, paid-up license to use any method or apparatus that falls within the scope of the claims of the Patent. This license shall continue throughout the remaining term of validity of the Patent.

3. *Assignor's Representations and Warranties.* Assignor hereby represents and warrants that is has the legal right and authority to convey the interest herein assigned, and that it has not executed any agreement in conflict herewith. To the best of Assignor's knowledge the patent is valid and enforceable, however, Assignor makes no representations or warranties as to the validity or enforceability of the Patent.

4. *Patent Status.* Assignee hereby acknowledges and agrees that any finding or ruling subsequent to the date of this Agreement that the patent is invalid or unenforceable shall not give rise to a cause of action against Assignor under this Agreement.

5. *Further Actions.* Assignor hereby agrees to execute any further papers necessary and to take any further actions necessary to aid Assignee in perfecting its interest in the Patent. Any costs associated with this Patent Assignment Agreement shall be at Assignee's sole expense.

6. *Governing Law.* This agreement shall be construed in accordance with, and governed in all respects by, the laws of the State of California.

7. *Entire Agreement.* This Agreement constitutes the entire agreement between Assignor and Assignee, and supersedes any prior understanding or representation of any kind preceding the date of this Agreement.

IN WITNESS WHEREOF, the Parties have executed this Agreement on the date indicated below.

ASSIGNOR

ASSIGNEE

*Christina S. Sistrunk* 2/28/17  
\_\_\_\_\_  
Name: Aera Energy LLC Date

*Terence P. O'Sullivan* FEB 28, 2017  
\_\_\_\_\_  
Name: Terence P. O'Sullivan Date