

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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>Mark D. Allendorf</td> <td>10/02/2012</td> </tr> <tr> <td>Alex Robinson</td> <td>10/02/2012</td> </tr> </tbody> </table>		Name	Execution Date	Mark D. Allendorf	10/02/2012	Alex Robinson	10/02/2012
Name	Execution Date						
Mark D. Allendorf	10/02/2012						
Alex Robinson	10/02/2012						
RECEIVING PARTY DATA							
Name:	Sandia Corporation						
Street Address:	P.O. Box 5800, MS-0161						
Internal Address:	Legal Technology Transfer Center						
City:	Albuquerque						
State/Country:	NEW MEXICO						
Postal Code:	87185						
PROPERTY NUMBERS Total: 1							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13633772</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13633772		
Property Type	Number						
Application Number:	13633772						
CORRESPONDENCE DATA							
Fax Number:	5058441418						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	505-284-0861						
Email:	nmishal@sandia.gov						
Correspondent Name:	Sandia National Laboratories						
Address Line 1:	P.O. Box 5800, MS-0161						
Address Line 2:	Legal Technology Transfer Center						
Address Line 4:	Albuquerque, NEW MEXICO 87185						
ATTORNEY DOCKET NUMBER:	SD12148.1						
NAME OF SUBMITTER:	Madelynn J. Farber						
<p>Total Attachments: 4</p> <p>source=SD12148_1_Executed_Assignments#page1.tif</p> <p>source=SD12148_1_Executed_Assignments#page2.tif</p> <p>source=SD12148_1_Executed_Assignments#page3.tif</p> <p>source=SD12148_1_Executed_Assignments#page4.tif</p>							

CH \$40.00 13633772

ASSIGNMENT

WHEREAS, **Mark D. Allendorf of Pleasanton, CA and Alex Robinson of Albuquerque, NM** has(have) made an invention relating to **Devices and Methods to Detect and Quantify Trace Gases**, in the course of the work authorized by Contract DE-AC04-94AL85000 between SANDIA CORPORATION and the UNITED STATES DEPARTMENT OF ENERGY, said invention being disclosed and claimed in an application for United States patent, identified as DOE Docket No: **S-129237** duly executed by said inventor(s) and

WHEREAS Inventor(s), in consideration of employment by Sandia Corporation, has(have) assigned to Sandia Corporation, its successors and assigns, all of Inventor(s) rights to inventions, discoveries, or improvements made or conceived in the course of their employment; and

WHEREAS, title to the above-identified invention vests in the Government of the United States, as represented by the U.S. Department of Energy, as governed by 42 U.S.C. 5908; and

WHEREAS, the Government of the United States, as represented by the U.S. Department of Energy has granted a waiver of Government rights in the above-identified invention to Sandia Corporation; and

THEREFORE, Inventor(s) hereby sells, assigns, and transfers unto Sandia Corporation their entire right, title, and interest in and to said invention and in and to all resulting patents, wherever they may be granted, as well as reissues or extensions of said patents, to the extent that Inventor(s) right, title, and interest in and to said invention has(have) not already been sold, assigned, or transferred to Sandia Corporation by Inventor(s) in consideration of Inventor(s) employment by Sandia Corporation.

Inventor(s) covenants with Sandia Corporation that, except for the rights, if any, of the Government, his/her interest in the rights and property herein conveyed is free and clear of any encumbrance and that they have full right to convey the same as herein expressed. They agree, at the request of Sandia corporation, to make, execute, and deliver to Sandia Corporation, the Government, or other party prosecuting patent applications on this invention, any and all papers, documents, affidavits, applications, statements or other instruments relating to said invention, take all rightful oaths and do all acts as may reasonably be required of them in or incident to the prosecution of any or all applications on said invention or in the adjustment or settlement of any interferences or other actions or proceedings that said applications or patents thereon may encounter or in which they may become involved.

I hereby authorize and request my attorney, Madelynne J. Farber, of Sandia Corporation, Albuquerque, New Mexico, to insert here in parentheses (Application No. 13/633,772, filed 10/02/2012), the application number and filing date of said application when known.

ASSIGNMENT

WHEREAS, **Mark D. Allendorf of Pleasanton, CA and Alex Robinson of Albuquerque, NM** has(have) made an invention relating to **Devices and Methods to Detect and Quantify Trace Gases**, in the course of the work authorized by Contract DE-AC04-94AL85000 between SANDIA CORPORATION and the UNITED STATES DEPARTMENT OF ENERGY, said invention being disclosed and claimed in an application for United States patent, identified as DOE Docket No: **S-129237** duly executed by said inventor(s) and

WHEREAS Inventor(s), in consideration of employment by Sandia Corporation, has(have) assigned to Sandia Corporation, its successors and assigns, all of Inventor(s) rights to inventions, discoveries, or improvements made or conceived in the course of their employment; and

WHEREAS, title to the above-identified invention vests in the Government of the United States, as represented by the U.S. Department of Energy, as governed by 42 U.S.C. 5908; and

WHEREAS, the Government of the United States, as represented by the U.S. Department of Energy has granted a waiver of Government rights in the above-identified invention to Sandia Corporation; and

THEREFORE, Inventor(s) hereby sells, assigns, and transfers unto Sandia Corporation their entire right, title, and interest in and to said invention and in and to all resulting patents, wherever they may be granted, as well as reissues or extensions of said patents, to the extent that Inventor(s) right, title, and interest in and to said invention has(have) not already been sold, assigned, or transferred to Sandia Corporation by Inventor(s) in consideration of Inventor(s) employment by Sandia Corporation.

Inventor(s) covenants with Sandia Corporation that, except for the rights, if any, of the Government, his/her interest in the rights and property herein conveyed is free and clear of any encumbrance and that they have full right to convey the same as herein expressed. They agree, at the request of Sandia corporation, to make, execute, and deliver to Sandia Corporation, the Government, or other party prosecuting patent applications on this invention, any and all papers, documents, affidavits, applications, statements or other instruments relating to said invention, take all rightful oaths and do all acts as may reasonably be required of them in or incident to the prosecution of any or all applications on said invention or in the adjustment or settlement of any interferences or other actions or proceedings that said applications or patents thereon may encounter or in which they may become involved.

I hereby authorize and request my attorney, Madelynne J. Farber, of Sandia Corporation, Albuquerque, New Mexico, to insert here in parentheses (Application No. 13/633,772, filed 10/02/2012), the application number and filing date of said application when known.

