

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT4296021

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JOHN E. DEC	09/24/2015
YI YANG	02/27/2017
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	
Property Type	Number
Application Number:	14686953
CORRESPONDENCE DATA	
Fax Number:	(505)844-9955
<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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Email:	jlnguye@sandia.gov
Correspondent Name:	SANDIA NATIONAL LABORATORIES
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Address Line 4:	LIVERMORE, CALIFORNIA 94551-9031
ATTORNEY DOCKET NUMBER:	SD12925.1/S132716
NAME OF SUBMITTER:	MADELYNNE J. FARBER
SIGNATURE:	/Madelynne J. Farber/
DATE SIGNED:	02/28/2017
Total Attachments: 4	
source=SD12925_1_Fully_Executed_Assignments_Dec_Yang#page1.tif	
source=SD12925_1_Fully_Executed_Assignments_Dec_Yang#page2.tif	
source=SD12925_1_Fully_Executed_Assignments_Dec_Yang#page3.tif	

ASSIGNMENT

WHEREAS, **John E. Dec of Livermore, California and Yi Yang of Box Hill North, Australia**, has(have) made an invention relating to **FUEL AND FUEL BLEND FOR INTERNAL COMBUSTION ENGINE**, 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 Application Serial No. **14/686,953**, filed **April 15, 2015**, for United States patent, and identified as DOE Docket No: **S-132716** 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

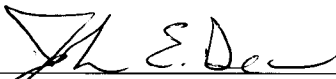
WHEREAS, title to the above-identified invention vests in the Government of the United States, as represented by the U.S. Department of Energy, as governed by 42 U.S.C. 5908; and

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.

Signed at Livermore, CA.


John E. Dec

9/24/15
Date

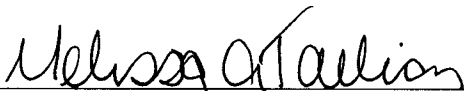
A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

STATE OF CALIFORNIA)

) ss:

COUNTY OF ALAMEDA)

Subscribed and sworn to (or affirmed) before me on this 24 day of September, 2015, by **John E. Dec**, who proved to me on the basis of satisfactory evidence to be the person(s) who appeared before me.


Notary Public signature

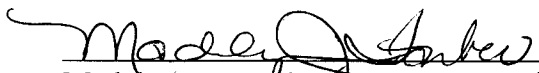


My commission expires: 1/10/2019

Approved and consented by:

SANDIA CORPORATION

Date: 23 FEB 2017


Madelynn J. Farber
Senior Patent & Licensing Attorney
Legal Technology Transfer Center

ASSIGNMENT

WHEREAS, **John E. Dec of Livermore, CA and Yi Yang of Box Hill North, Australia**, has(have) made an invention relating to **FUEL AND FUEL BLEND FOR INTERNAL COMBUSTION ENGINE**, 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 Application Serial No. **14/686,953**, filed **April 15, 2015**, for United States patent, and identified as DOE Docket No: **S-132716** 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

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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.

Signed at Box Hill North, AUSTRALIA.



Yi Yang

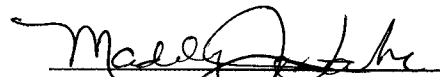
27/02/2017

Date

Approved and consented by:

SANDIA CORPORATION

Date: 27 FEB 2017



Madelynn J. Farber
Senior Patent & Licensing Attorney
Legal Technology Transfer Center