PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LIANG HE	10/05/2018
RANAJIT GHOSH	10/05/2018
DONALD JAMES BOWE	10/10/2018
REED JACOB HENDERSHOT	10/08/2018

RECEIVING PARTY DATA

Name:	Air Products and Chemicals, Inc.		
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City:	Allentown		
State/Country:	PENNSYLVANIA		
Postal Code:	18195-1501		

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	16100073	

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ATTORNEY DOCKET NUMBER:	08100 USA	
NAME OF SUBMITTER:	LARRY S. ZELSON	
SIGNATURE:	/Larry S. Zelson/	
DATE SIGNED:	10/15/2018	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

PATENT REEL: 047158 FRAME: 0971

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Total Attachments: 1

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PATENT REEL: 047158 FRAME: 0972

ASSIGNMENT & DECLARATION

For value received, we, Liang He, Ranajit Ghosh, Donald James Bowe and Reed Jacob Hendershot, hereby sell, assign, and transfer to **AIR PRODUCTS AND CHEMICALS, INC.**, a corporation of the State of Delaware, having an office at 7201 Hamilton Boulevard, Allentown, PA 18195-1501, the entire right, title, and interest in and to the invention relating to

METHOD AND APPARATUS FOR USING A GAS DENSITY SENSOR TO MEASURE AND CONTROL GAS MIXTURE COMPOSITION

described in our application for Letters Patent of the United States (identified by Docket No. 08100 USA; and/or Appl. No. 16/100,073; filed on August 9, 2018), in and to all Letters Patent which may be issued upon said application, in and to any divisional or reissue applications based thereon, and in and to all Letters Patent upon said invention or improvements which may be granted in foreign countries. We hereby also assign and convey to said AIR PRODUCTS AND CHEMICALS, INC., all the rights accruing to us by virtue of the International Convention for the Protection of Industrial Property (Art. 4), including the right to apply for and to have patents issued in its own name.

And we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and the Officials of the Patent Offices of all other countries to issue the Letters Patent of their respective countries to said **AIR PRODUCTS AND CHEMICALS, INC.**, as assignee of the entire right, title, and interest in and to the same.

And we hereby promise and agree to execute all papers and perform all acts necessary to secure to and vest in said **AIR PRODUCTS AND CHEMICALS, INC.**, its successors and assigns, the rights conveyed as herein set forth.

And I hereby authorize the above-mentioned Assignee or its legal representative to insert in the instrument the application serial number of aforesaid application or any other information that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office.

And we hereby declare that the above-identified application was made or authorized to be made by me. I believe I am the original inventor or an original joint inventor of a claimed invention in the application. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

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Liang He	()	Ranajit Ghosh	(,
10/5/2018		10/5/2018	
Date		Date	
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Donald James Bowe	,	Reed Jacob Hendershot	-, ,
		Car 2018 Date	.

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RECORDED: 10/15/2018