

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5556950

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ELIZABETH M. D'ADDIO	06/05/2019
CHRISTOPHER H. WOOD	05/31/2019
QUAN MIN SHAO	05/31/2019
RECEIVING PARTY DATA	
Name:	Air Products and Chemicals, Inc.
Street Address:	7201 Hamilton Blvd.
Internal Address:	Patent Dept.
City:	Allentown
State/Country:	PENNSYLVANIA
Postal Code:	18195-1501
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16421543
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ATTORNEY DOCKET NUMBER:	08178 USA
NAME OF SUBMITTER:	BRYAN C. HOKE JR.
SIGNATURE:	/Bryan C. Hoke Jr./
DATE SIGNED:	06/05/2019
This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 1	

ASSIGNMENT & DECLARATION

For value received, we, **Elizabeth M. D'Addio, Christopher H. Wood and Quan Min Shao** 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

Reducing Fluctuations in Tail Gas Flow from an Adsorption Unit

described in our application for Letters Patent of the United States (identified by Docket No. 08178 USA; and/or Appl. No. 16/421,543 filed on May 24, 2019), 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.

Elizabeth M. D'Addio (L.S.)
Elizabeth M. D'Addio

6/5/2019
Date

Christopher H. Wood (L.S.)
Christopher H. Wood

5/31/2019
Date

Quan Min Shao (L.S.)
Quan Min Shao

5/31/2019
Date

PATENT