

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4284552

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	RALPH H. PAGE	02/01/2016
	F. PATRICK DOTY	02/20/2017
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	Sandia Corporation	
<b>Street Address:</b>	P.O. Box 5800, MS-0161	
<b>Internal Address:</b>	Legal Technology Transfer Center	
<b>City:</b>	Albuquerque	
<b>State/Country:</b>	NEW MEXICO	
<b>Postal Code:</b>	87185	
<b>PROPERTY NUMBERS Total: 1</b>		
<b>Property Type</b>	<b>Number</b>	
<b>Application Number:</b>	14678670	
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(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>		
<b>Phone:</b>	(925)294-3143	
<b>Email:</b>	jlnguye@sandia.gov	
<b>Correspondent Name:</b>	SANDIA NATIONAL LABORATORIES	
<b>Address Line 1:</b>	7011 EAST AVENUE	
<b>Address Line 2:</b>	PO BOX 969, MS 9031	
<b>Address Line 4:</b>	LIVERMORE, CALIFORNIA 94551-9031	
<b>ATTORNEY DOCKET NUMBER:</b>	SD12755/S132455	
<b>NAME OF SUBMITTER:</b>	MADELYNNE J. FARBER	
<b>SIGNATURE:</b>	/Madelynne J. Farber/	
<b>DATE SIGNED:</b>	02/21/2017	
<b>Total Attachments: 5</b>		
source=SD12755_Fully_Executed_Assignment_Page 001#page1.tif		
source=SD12755_Fully_Executed_Assignment_Page 001#page2.tif		
source=SD12755_Fully_Executed_Assignment_Page 001#page3.tif		

source=SD12755\_Fully\_Executed\_Assignment\_Doty 001#page1.tif

source=SD12755\_Fully\_Executed\_Assignment\_Doty 001#page2.tif

## ASSIGNMENT

WHEREAS **Ralph H. Page** of Castro Valley, CA and **F. Patrick Doty** of Livermore, CA has(have) made an invention relating to **FILTER ARRAYS** 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. 14/678,670** for United States patent filed **April 3, 2015**, and identified as **DOE Docket No. S132,455**, duly executed by said inventors;

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

WHEREAS, **Ralph H. Page**, being Inventor of said invention and employee of Sandia Staffing Alliance, LLC at the time said invention was made, and in consideration of *pro rata* share to be taken from twenty percent (20%) of royalties obtained by Sandia Corporation in any future licensing of said invention and to be paid annually to Sandia Staffing Alliance, LLC, has agreed, among other things, to assign to Sandia Corporation, its successors and assigns, all rights to inventions, discoveries, or improvements conceived or first reduced to practice in the course of his employment; and

THEREFORE, **Ralph H. Page** hereby sells, assigns, and transfers unto Sandia Corporation his 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.

The above-named Sandia Staffing Alliance, LLC Inventor further agrees, 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 him 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 be involved.




-----

Approved and consented by:

SANDIA CORPORATION

Date: 21 FEB 2017



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

ASSIGNMENT

WHEREAS, **Ralph H. Page of Castro Valley, CA and F. Patrick Doty of Livermore, CA** has(have) made an invention relating to **FILTER ARRAYS**, 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. 14/678,670** for United States patent filed **April 3, 2015**, and identified as **DOE Docket No. S-132455**, 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.

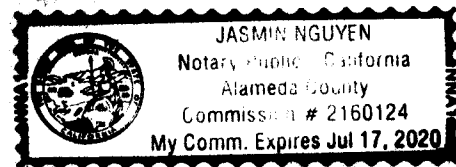
Inventor(s) covenants with Sandia Corporation that, except for the rights, if any, of the Government, his/her interest in the rights and property herein conveyed is free and clear of any encumbrance and that they have full right to convey the same as herein expressed. They agree, at the request of Sandia 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.

  
F. Patrick Doty

2/20/17  
Date

[illegible]

My commission expires: 7/17/2020



SANDIA CORPORATION

Date: 20 FEB 2017

2