

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT3235979

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JAMES M. SHULER	04/29/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	U.S. Department of Energy
<b>Street Address:</b>	1000 Independence Avenue, S.W.
<b>Internal Address:</b>	GC-62, 6F-048
<b>City:</b>	Washington
<b>State/Country:</b>	DISTRICT OF COLUMBIA
<b>Postal Code:</b>	20585-0162
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14182608
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(202)586-7127
<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>	202-586-2810
<b>Email:</b>	katherine.baldwin@hq.doe.gov
<b>Correspondent Name:</b>	KATHERINE BALDWIN
<b>Address Line 1:</b>	1000 INDEPENDENCE AVENUE, S.W.
<b>Address Line 2:</b>	GC-62, 6F-048
<b>Address Line 4:</b>	WASHINGTON, D.C. 20585-0162
<b>ATTORNEY DOCKET NUMBER:</b>	S-113,713
<b>NAME OF SUBMITTER:</b>	KATHERINE BALDWIN
<b>SIGNATURE:</b>	/Katherine Baldwin/
<b>DATE SIGNED:</b>	02/23/2015
<b>Total Attachments: 2</b>	
source=S-113713-ExecutedAssignment-Shuler#page1.tif	
source=S-113713-ExecutedAssignment-Shuler#page2.tif	

**U. S. DEPARTMENT OF ENERGY  
PATENT ASSIGNMENT**

WHEREAS, I, **James M. Shuler**, a citizen of the United States of America, having co-invented certain new and useful improvements in **Inherently Safe Passive Gas Monitoring System (also known as "InPac")**, identified as **DOE Case S-113,713**; and

WHEREAS, the Government of the United States of America desires to acquire my entire right, title and interest in and to said invention and in and to any Letters Patents wherever they may be issued thereon;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt of which is hereby acknowledged, I by these presents do sell, assign, and transfer unto the said Government of the United States, as represented by the United States Department of Energy, my entire right, title, and interest in and to the said invention and in and to any and all Letters Patents wherever they may be granted thereon as well as reissues and extensions of said Letters Patent, the same to be held and enjoyed by the said Government of the United States or its assigns to the full end of the term or terms for which Letters Patents are or may be granted, reissued, or extended, as fully and entirely as the same would have been held or enjoyed by me had this assignment not been made.

I agree to make, execute, and deliver unto the Government of the United States, as represented by the United States Department of Energy, any and all papers, documents, affidavits, renewal, divisional and reissue applications, statements, or other instruments in such usual or other forms, with terms and contents as may be required by the United States Department of Energy, or its duly authorized representative, in or incident to the prosecution or conduct of any and all applications, before as well as after, the issuance of any Letters Patent thereon, or in the adjustment or settlement of any interferences or other actions or proceedings that said applications may encounter or in which they may become involved, and I agree that I will aid the Government of the United States in every way in protecting the invention as may be requested by the United States Department of

Patent Assignment  
DOE Case S-113,713

Energy, except that any expenses arising through extending such assistance will be paid for by proper arrangement with the Government of the United States.

**INVENTOR:**

James M. Shuler      4/29/14  
James M. Shuler      Date

**Government Acceptance:**

Accepted for the Benefit of the Government of the United States.

Full Name: John T. Lucas

Signature: [Signature]      Date: 2/23/2015

Title: Assistant General Counsel for Technology Transfer  
and Intellectual Property

**Witness to Signature:**

Full name of Witness: Katherine Baldwin

Witness' Signature: [Signature]      Date: 2-23-2015