### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5085159

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
KURT KRAUS	09/08/2017
MATTHEW MARTIN	09/05/2017
KWONG WING AU	01/24/2017
SHARATH VENKATESHA	01/25/2017

#### **RECEIVING PARTY DATA**

Name:	HONEYWELL INTERNATIONAL INC.		
Street Address: 115 TABOR RD			
Internal Address: PO BOX 377 MAIL STOP 4D3			
City:	City: MORRIS PLAINS		
State/Country:	NEW JERSEY		
Postal Code:	07950		

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15873172

#### **CORRESPONDENCE DATA**

**Fax Number:** (847)391-2387

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.

**Phone:** (847) 539-8390

**Email:** ip.docketclerk@honeywell.com

Correspondent Name: HONEYWELL INTERNATIONAL INC.

Address Line 1: 115 TABOR RD

Address Line 2: PO BOX 377 MAIL STOP 4D3

Address Line 4: MORRIS PLAINS, NEW JERSEY 07950

ATTORNEY DOCKET NUMBER:	H0054526-01-8228
NAME OF SUBMITTER:	GERALYN M. MCFADDEN
SIGNATURE:	/Geralyn M. McFadden/
DATE SIGNED:	08/06/2018

**Total Attachments: 8** 

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for which application for patent in the United States:

WHEREAS, the undersigned inventor(s) (hereinafter individually and collectively referred to as "ASSIGNOR") has invented new and useful improvements in:

# EQUIPMENT AND METHOD FOR THREE-DIMENSIONAL RADIANCE AND GAS SPECIES FIELD ESTIMATION IN AN OPEN COMBUSTION ENVIRONMENT

	has	been ex	ecuted	no t	even d	ate r	nerewith;								
	was	execute	d on _					,							
<u>X</u>	was	filed on	01	/23/2	017	and	assigned	U.S.	Appl.	No.		<u> 62/44</u>	9,442	*	
<u>X</u>	was	filed on	01	/17/2	018	and	assigned	U.S.	Appl.	No.	******	<u> 15/87</u>	3,172	1	
	AND	WHER	EAS,	the	"Assig	gned	Property	" sha	all m	ean	(i)	the	above	-identified	Ę

AND WHEREAS, the "Assigned Property" shall mean (i) the above-identified United States application for patent (the "Application"), (ii) all inventions disclosed in the Application, (iii) any and all applications for patent throughout the world directed to the subject matter of the Application, (iv) the right of priority arising from the Application or from such other applications, under the Paris Convention for the Protection of Industrial Property or under relevant laws, treaties, conventions or bilateral and multilateral agreements, in any jurisdiction, (v) any and all patents throughout the world resulting from the Application or such other application(s) for patents, and (vi) any and all claims against third parties in connection with any of the rights assigned by this Agreement;

AND WHEREAS, Honeywell International Inc., a Delaware corporation having a place of business at 115 Tabor Rd., Morris Plains, NJ 07950, its successors and assigns (hereinafter individually and collectively referred to as "ASSIGNEE"), is desirous of acquiring ASSIGNOR's entire right, title, and interest in and to and resulting from said Assigned Property and in general all property rights included therein:

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR does hereby irrevocably and unconditionally assign and transfer unto ASSIGNEE ASSIGNOR's entire right, title and interest in and to and resulting from the Assigned Property, and hereby authorizes and requests the Commissioner of Patents to issue said patent to ASSIGNEE for the sole use and benefit of ASSIGNEE; ASSIGNEE hereby accepts such transfer and assignment;

AND ASSIGNOR FURTHERMORE authorizes ASSIGNEE, or anyone it may properly designate, to insert on each page of this instrument (where indicated) the filing date and application number of said Application when known;

AND ASSIGNOR AGREES, FURTHERMORE, upon request of ASSIGNEE, and without further remuneration, but at no expense to ASSIGNOR, that ASSIGNOR or ASSIGNOR'S heirs, executors, or administrators will provide all reasonable assistance to obtain, maintain, and assert the fullest measure of legal protection that ASSIGNEE desires to obtain or assert for the Assigned Property, including executing any and all papers desired by ASSIGNEE for the filing and granting of patent rights in the Assigned Property, the perfecting of title in ASSIGNEE, and in enforcing any rights in the Assigned Property.

This instrument is executed by, and shall be binding upon ASSIGNOR, and ASSIGNOR's heirs, executors and administrators, for the uses and purposes above set forth and referred to and shall inure to the benefit of ASSIGNEE or anyone it may properly designate.

If any provision of this assignment is held by any court to be unenforceable, such provision shall be interpreted to accomplish the objectives of the original provision to the fullest extent allowed by law and the remainder of this assignment shall remain in full force and effect.

This assignment shall be construed, governed, interpreted and applied in accordance with the laws of the State of Delaware, United States of America.

**EXECUTED on** behalf of ASSIGNEE and effective as of the latest date of the ASSIGNOR signature(s) below:

David A. Cohen Assistant Secretary

Honeywell International Inc.

EXECUTED as of the date(s) set for		GNOR:
Kroth farmer		Date: 9/8/17
Kurt Kraus	The Pist of the Control of the Contr	
	·	Date:
Matthew Martin		
		Date:
Kwong Wing Au		***************************************
	William St.	
	PPRANTAPANNEHHHEE	Date:
Sharath Venkatesha		

for which application for patent in the United States:

**WHEREAS**, the undersigned inventor(s) (hereinafter individually and collectively referred to as "ASSIGNOR") has invented new and useful improvements in:

# EQUIPMENT AND METHOD FOR THREE-DIMENSIONAL RADIANCE AND GAS SPECIES FIELD ESTIMATION IN AN OPEN COMBUSTION ENVIRONMENT

has been executed on even date herewith;								
	was exec	cuted on	***************************************		, (max 5			
<u>X</u>	was filed	on <u>0</u>	1/23/2017	_and assigned	U.S. Appl.	No. <u>6</u> 2	2/449,442	,,
<u>X</u>	was filed	on <u>0</u>	1/17/2018	and assigned	U.S. Appl.	No1	5/873,172	
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AND WHEREAS, Honeywell International Inc., a Delaware corporation having a place of business at 115 Tabor Rd., Morris Plains, NJ 07950, its successors and assigns (hereinafter individually and collectively referred to as "ASSIGNEE"), is desirous of acquiring ASSIGNOR's entire right, title, and interest in and to and resulting from said Assigned Property and in general all property rights included therein:

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AND ASSIGNOR FURTHERMORE authorizes ASSIGNEE, or anyone it may properly designate, to insert on each page of this instrument (where indicated) the filing date and application number of said Application when known;

AND ASSIGNOR AGREES, FURTHERMORE, upon request of ASSIGNEE, and without further remuneration, but at no expense to ASSIGNOR, that ASSIGNOR or ASSIGNOR'S heirs, executors, or administrators will provide all reasonable assistance to obtain, maintain, and assert the fullest measure of legal protection that ASSIGNEE desires to obtain or assert for the Assigned Property, including executing any and all papers desired by ASSIGNEE for the filing and granting of patent rights in the Assigned Property, the perfecting of title in ASSIGNEE, and in enforcing any rights in the Assigned Property.

This instrument is executed by, and shall be binding upon ASSIGNOR, and ASSIGNOR's heirs, executors and administrators, for the uses and purposes above set forth and referred to and shall inure to the benefit of ASSIGNEE or anyone it may properly designate.

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**EXECUTED** on behalf of ASSIGNEE and effective as of the latest date of the ASSIGNOR signature(s) below:

David A. Cohen

Assistant Secretary
Honeywell International Inc.

<b>EXECUTED</b> as of the date(s) set forth below	on behalf of the A	SSIGNOR:
		Date:
Kurt Kraus		
A State of the sta		Date: 9/5/2017
Matthew Martin		
		Sala.
Kwong Wing Au	**************************************	Date:
**************************************	newsonedoutscheideliche maar	Date:
Sharath Venkatesha		

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for w	for which application for patent in the United States:								
*********	has been executed on even date herewith;								
	was	executed	no b	***************************************	, max)				
<u>X</u>	was	filed on	01/23/2017	and assigned	U.S. Appl.	No.	62/449,442		
<u>X</u>	was	filed on	01/17/2018	and assigned	U.S. Appl.	No.	15/873,172	, 1	

AND WHEREAS, the "Assigned Property" shall mean (i) the above-identified United States application for patent (the "Application"), (ii) all inventions disclosed in the Application, (iii) any and all applications for patent throughout the world directed to the subject matter of the Application, (iv) the right of priority arising from the Application or from such other applications, under the Paris Convention for the Protection of Industrial Property or under relevant laws, treaties, conventions or bilateral and multilateral agreements, in any jurisdiction, (v) any and all patents throughout the world resulting from the Application or such other application(s) for patents, and (vi) any and all claims against third parties in connection with any of the rights assigned by this Agreement;

AND WHEREAS, Honeywell International Inc., a Delaware corporation having a place of business at 115 Tabor Rd., Morris Plains, NJ 07950, its successors and assigns (hereinafter individually and collectively referred to as "ASSIGNEE"), is desirous of acquiring ASSIGNOR's entire right, title, and interest in and to and resulting from said Assigned Property and in general all property rights included therein:

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AND ASSIGNOR FURTHERMORE authorizes ASSIGNEE, or anyone it may properly designate, to insert on each page of this instrument (where indicated) the filing date and application number of said Application when known;

AND ASSIGNOR AGREES, FURTHERMORE, upon request of ASSIGNEE, and without further remuneration, but at no expense to ASSIGNOR, that ASSIGNOR or ASSIGNOR'S heirs, executors, or administrators will provide all reasonable assistance to obtain, maintain, and assert the fullest measure of legal protection that ASSIGNEE desires to obtain or assert for the Assigned Property, including executing any and all papers desired by ASSIGNEE for the filing and granting of patent rights in the Assigned Property, the perfecting of title in ASSIGNEE, and in enforcing any rights in the Assigned Property.

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**EXECUTED on** behalf of ASSIGNEE and effective as of the latest date of the ASSIGNOR signature(s) below:

David A. Cohen
Assistant Secretary

Sharath Venkatesha

Honeywell International Inc.

EXECUTED as of the date(s) set forth below on behalf of the ASSIGNOR:				
Kurt Kraus	Date:			
	Date:			
Matthew Martin	Date: 1/21/2017			
	Date:			

**WHEREAS**, the undersigned inventor(s) (hereinafter individually and collectively referred to as "ASSIGNOR") has invented new and useful improvements in:

## EQUIPMENT AND METHOD FOR THREE-DIMENSIONAL RADIANCE AND GAS SPECIES FIELD ESTIMATION IN AN OPEN COMBUSTION ENVIRONMENT

for w	hich	application	on for patent in t	he United State	9S:		
	has	has been executed on even date herewith;					
	was	executed	d on				
<u>X</u>	was	filed on	01/23/2017	and assigned	U.S. Appl. No	). <u>62/449,442</u> ;	
Х	was	filed on	01/17/2018	and assigned	U.S. Appl. No	5. 15/873.172 :	

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signature(s) below:

Matthew Martin

Sharath Venkatesha

EXECUTED on behalf of ASSIGNEE and effective as of the latest date of the ASSIGNOR

Date:

David A. Cohen
Assistant Secretary
Honeywell International Inc.

EXECUTED as of the date(s) set forth below on behalf of the ASSIGNOR:

Date:

Wong Wing Au

| 1 | 25 | 2017

Honeywell International Inc. Assignment Rev. October 2015

**RECORDED: 08/06/2018**