503022005 10/16/2014

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3068606

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
BALAMURUGAN SRINIVASAN	10/09/2014
SRIDHARAN REGHUPATHY NARAYANAN	10/09/2014
KARTHIKEYAN PARAMANANDAM	10/09/2014
CHANDIRAN JAYAMURUGAN	10/13/2014
MALAK FOUAD MALAK	10/13/2014

#### **RECEIVING PARTY DATA**

Name:	HONEYWELL INTERNATIONAL INC.
Street Address:	101 COLUMBIA ROAD
Internal Address:	P.O. BOX 2245
City:	MORRISTOWN
State/Country:	NEW JERSEY
Postal Code:	07962-2245

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

Property Type	Number
Application Number:	14515131

### **CORRESPONDENCE DATA**

**Fax Number:** (480)385-5061

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: 973-455-2062 ccantore@ifllaw.com

Linaii.

Correspondent Name: HONEYWELL INTERNATIONAL INC.

Address Line 1: 101 COLUMBIA ROAD

Address Line 2: P.O. BOX 2245

Address Line 4: MORRISTOWN, NEW JERSEY 07962-2245

ATTORNEY DOCKET NUMBER:	H0044080 (002.4686)
NAME OF SUBMITTER:	CHAD C. ANDERSON
SIGNATURE:	/CHAD C. ANDERSON/
DATE SIGNED:	10/16/2014

**Total Attachments: 6** 

503022005

REEL: 033965 FRAME: 0434

<del>PATENT</del>



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

for which application for patent in the United States:

GAS TURBING ENGINES WITH IMPROVED LEADING EDGE AIRFOIL COOLING
has been executed on even date herewith;  was executed on  X was filed on October 15, 2014 and assigned U.S. Application No. 14/515,131
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 101 Columbia Road, POB 2245, Morristown, N.J. 07962-2245, 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 filling 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 henefit 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.
U.S. Provisional Application No.
(Rev. 12/2/2010)

Honeywell Docket No. H0044080 (002.4686)

## ASSIGNMENT

Page 2 of 2

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

U.S. Provisional Application No. filed (Rev.197/2010)

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

for which application for patent in the United States:

GAS TURBINE ENGINES WITH IMPROVED LEADING EDGE AIRFOIL COOLING
has been executed on even date herewith;
was executed on;  was filed onOctober 15, 2014 and assigned U.S. Application No14/515, 131;
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 101 Columbia Road, POB 2245, Morristown, N.J. 07962-2245, 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.
U.S. Provisional Application No filed (Rev.12/2/2010)

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

David S. Holnis Associate General Counsel & Chief IP Counsel Honeywell International Inc.		
EXECUTED as of the date(s) set forth below on be	haif of the ASSIGNOR:	
	Date:	
Balamurugan Srinivasan		
	Date:	adhananada kilanan kale esperile – keske kiloke kiloke intelletek kiloke intelletek k
Sridharan Reghupathy Narayanan		
	Date:	ga
Karthikeyan Paramanandam		
J. dalie	Date:	13.10.2014
Chandiran Jayamurugan		
	Date;	
Malak Fouad Malak		

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

for which application for patent in the United States:

#### GAS TURRING FNGINES WITH IMPROVED LEADING EDGE AIRFOIL COOLING

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has been executed on even date herewith;	
was executed on; was filed on; and assigned U.S. Application No. $\frac{14/515,131}{}$	
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AND WHEREAS, Honeywell International Inc., a Delaware corporation having a place of busines 101 Columbia Road, POB 2245, Morristown, N.J. 07962-2245, its successors and assigns (herein individually and collectively referred to as "ASSIGNEE"), is desirous of acquiring ASSIGNOR's eright, title, and interest in and to and resulting from said Assigned Property and in general all proprights included therein;	after ntire
NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which hereby acknowledged, ASSIGNOR does hereby irrevocably and unconditionally assign and transfer a ASSIGNEE ASSIGNOR's entire right, title and interest in and to and resulting from the Assigned Proposand hereby authorizes and requests the Commissioner of Patents to issue said patent to ASSIGNEE the sole use and benefit of ASSIGNEE; ASSIGNEE hereby accepts such transfer and assignment;	unto erty,
AND ASSIGNOR FURTHERMORE authorizes ASSIGNEE, or anyone it may properly designate insert on each page of this instrument (where indicated) the filing date and application number of Application when known;	
AND ASSIGNOR AGREES, FURTHERMORE, upon request of ASSIGNEE, and without fur remuneration, but at no expense to ASSIGNOR, that ASSIGNOR or ASSIGNOR'S heirs, executors administrators will provide all reasonable assistance to obtain, maintain, and assert the fullest measur legal protection that ASSIGNEE desires to obtain or assert for the Assigned Property, including executany 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.	, or e of ting ned
This instrument is executed by, and shall be binding upon ASSIGNOR, and ASSIGNOR's he executors and administrators, for the uses and purposes above set forth and referred to and shall inur 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 interpreted to accomplish the objectives of the original provision to the fullest extent allowed by law 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 law the State of Delaware, United States of America.	s of
U.S. Provisional Application Nofiled	010)

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

David S. Hoiriis
Associate General Counsel & Chief IP Counsel
Honeywell International Inc.

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

Date:

Balamurugan Srinivasan

Date:

Sridharan Reghupathy Narayanan

Date:

Karthikeyan Paramanandam

Date:

Chandiran Jayamurugan

Date:

Date:

10/13/2014

U.S. Provisional Application No. \_\_\_\_\_\_\_ filed \_\_\_\_\_\_

**RECORDED: 10/16/2014** 

(Rev. 12/2/2010)