# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3752200

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
MARK L. LA FOREST	02/17/2016
NEIL MURDIE	02/16/2016
RUSSELL W. JOHNSON	02/09/2016
MARK C. JAMES	02/16/2016

## **RECEIVING PARTY DATA**

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

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15051259

### **CORRESPONDENCE DATA**

**Fax Number:** (651)735-1102

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:** 9734552062

**Email:** pairdocketing@ssiplaw.com

Correspondent Name: HONEYWELL/S&S PATENT SERVICES

Address Line 1: 115 TABOR ROAD

Address Line 2: PO BOX 377 MAIL STOP 4D3

Address Line 4: MORRIS PLAINS, NEW JERSEY 07950

ATTORNEY DOCKET NUMBER:	H0049161-1160/1147-117US1
NAME OF SUBMITTER:	ALIYA R. KHAZON
SIGNATURE:	/Aliya R. Khazon/
DATE SIGNED:	02/23/2016

**Total Attachments: 6** 

PATENT REEL: 037803 FRAME: 0309

503705559

source=Assignment#page1.tif	
source=Assignment#page2.tif	
source=Assignment#page3.tif	
source=Assignment#page4.tif	
source=Assignment#page5.tif	
source=Assignment#page6.tif	

PATENT REEL: 037803 FRAME: 0310 WHEREAS, the undersigned inventor(s) (hereinafter individually and collectively referred to as "ASSIGNOR") has invented new and useful improvements in:

## DIFFERENTIAL NEEDLING OF A CARBON FIBER PREFORM

for which application for patent in the United States:
X has been executed on even date herewith;
was executed on
was filed on and assigned U.S. Application No
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 Road, PO Box 377, Mail Stop: 4D3, Morris Plains, New Jersey 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.
en e
···

\\Ssip-Fs02\Documents\\1147-Honeywell Wheels And Brakes\\117US01-Prioritized Needling Of Carbon Preforms\\Signature Documents\\Honeywell Assignment Form.Doc

. . . . .

PATENT REEL: 037803 FRAME: 0311

Mark C. James

## ENT Page 2 of 2

## **ASSIGNMENT**

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

Robert Desert.		
Robert Desmond Chief Intellectual Property Counsel, Honeywell Aerospace Honeywell International Inc.		
<b>EXECUTED</b> as of the date(s) set forth below on behalf of the	ASSIGNOR:	
Mark L. La Forest	Date: 2	-17-20/6
Mark L. La Forest		•
	Date:	·
NeilMurdie		
	Date:	<del></del>
Russell W. Johnson		
	Date:	

\Ssip-Fs02\Documents\1147-Honeywell Wheels And Brakes\117US01-Prioritized Needling Of Carbon Preforms\Signature Documents\Honeywell Assignment Form.Doc

#### Page 1 of 2

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

**ASSIGNMENT** 

## DIFFERENTIAL NEEDLING OF A CARBON FIBER PREFORM

for which application for patent in the United States:
X has been executed on even date herewith;
was executed on;
was filed on and assigned U.S. Application No
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 Road, PO Box 377, Mail Stop: 4D3, Morris Plains, New Jersey 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.

RLA Dung.

Robert Desmond

## **ASSIGNMENT**

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

Chief Intellectual Property Counsel, Honeywell Aerospace Honeywell International Inc.	
EXECUTED as of the date(s) set forth below on behalf of the	e ASSIGNOR:
	Date:
Mark L. La Forest	
Niel Amelia Nell Murdie	Date: <u>2/16/2016.</u>
Russell W. Johnson	Date:
Mak C. James	Date: 2/14/2016

for which application for patent in the United States:

### ASSIGNMENT

Page 1 of 2

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

### DIFFERENTIAL NEEDLING OF A CARBON FIBER PREFORM

and the same of th	and office otatoo.
X has been executed on even	date herewith;
was executed on	
was filed on	and assigned U.S. Application No;
application for patent (the "Applications for patent throughout of priority arising from the Applica Protection of Industrial Property of agreements, in any jurisdiction, (v.)	igned Property" shall mean (i) the above-identified United States cation"), (ii) all inventions disclosed in the Application, (iii) any and all the world directed to the subject matter of the Application, (iv) the right tion or from such other applications, under the Paris Convention for the runder relevant laws, treaties, conventions or bilateral and multilateral any and all patents throughout the world resulting from the Application tents, and (vi) any and all claims against third parties in connection with Agreement;

AND WHEREAS, Honeywell International Inc., a Delaware corporation having a place of business at 115 Tabor Road, PO Box 377, Mail Stop: 4D3, Morris Plains, New Jersey 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.

%Ssip-Fs02\Documents\1147-Honeywell Wheels And Brakes\117US01-Prioritized Needling Of Carbon Preforms\Signature Documents\Honeywell Assignment Form Doc Relt Dung.

Robert Desmond

RECORDED: 02/23/2016

# **ASSIGNMENT**

Page 2 of 2

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

Chief Intellectual Property Counsel, Honeywell Aerospace Honeywell International Inc.		
EXECUTED as of the date(s) set forth below on behalf of the	ASSIGNOR:	
Mark L. La Forest	Date:	
Neil Murdie	Date:	
Lussell W. Johnson Russell W. Johnson	Date:	96-62016
Massell An Tourisou ( )		
Mark C. James	Date:	000000000000000000000000000000000000000

\Ssip-Fs02\Documents\1147-Honeywell Wheels And Brakes\117US01-Prioritized Needling Of Carbon Preforms\Signature Documents\Honeywell Assignment Form Doc