#### 506118676 06/22/2020

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6165401

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
CHRISTOPHER HEINTZELMAN	06/08/2020
CHRISTOPHER R JONES	09/30/2019
JOSEPH CARLOS VARGAS	08/23/2019

### **RECEIVING PARTY DATA**

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

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

Property Type	Number
Application Number:	16156940

### 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: 651-735-1100

Email: pairdocketing@ssiplaw.com

**Correspondent Name:** RESIDEO/SHUMAKER & SIEFFERT

Address Line 1: 1625 RADIO DR. SUITE 100

Address Line 4: WOODBURY, MINNESOTA 55125

ATTORNEY DOCKET NUMBER:	H0064621-US/1264-164US01	
NAME OF SUBMITTER:	CATHLEEN A. SHEPLEE	
SIGNATURE:	/Cathleen A. Sheplee/	
DATE SIGNED:	06/22/2020	

#### **Total Attachments: 6**

source=H0064621-US\_Assignment#page1.tif source=H0064621-US Assignment#page2.tif source=H0064621-US\_Assignment#page3.tif

> **PATENT REEL: 053004 FRAME: 0615** 506118676

source=H0064621-US\_Assignment#page4.tif source=H0064621-US\_Assignment#page5.tif source=H0064621-US\_Assignment#page6.tif

> PATENT REEL: 053004 FRAME: 0616

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

# AUTOMATIC CHANGEOVER MODE IN AN HVAC CONTROLLER WITH REVERSIBLE DEADBAND ENFORCEMENT

for which application for patent in the United States:

was filed on October 10, 2018 and assigned U.S. Application No 16/156,940;

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.

HON ACS Assignment Rev.

Page 2 of 2

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

Nagmi A. Voegtii
Chief Intellectual Property Counsel
Honeywell International Inc.

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

Christopher Heintzelman

Christopher R. Jones

Date:

Joseph Carlos Vargas

PATENT

**REEL: 053004 FRAME: 0618** 

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

## AUTOMATIC CHANGEOVER MODE IN AN HVAC CONTROLLER WITH REVERSIBLE DEADBAND ENFORCEMENT

for which application for patent in the United States:

was filed on October 10, 2018 and assigned U.S. Application No 16/156,940;

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.

HON ACS Assignment Rev.

EXECUTED on behalf of ASSIGNEE and effective as of t	he latest date o	f the ASSIGNOR
signature(s) below:		
Danslohen		
David A. Cohen Assistant Secretary Honeywell Internatio	nal Inc.	
EXECUTED as of the date(s) set forth below on behalf of	the ASSIGNOF	₹:
	Date: _	
Christopher Heintzelman	Date:	9-30-19
Christopher R-Jones .		
	Date: _	
Joseph Carlos Vargas		

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

### AUTOMATIC CHANGEOVER MODE IN AN HVAC CONTROLLER WITH REVERSIBLE DEADBAND ENFORCEMENT

for which application for patent in the United States:

was filed on October 10, 2018 and assigned U.S. Application No 16/156,940;

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.

HON ACS Assignment Rev.

EXECUTED on behalf of ASSIGNEE and effective as of II	ne latest date of the ASSIGNOF
signature(s) below:	
Davidoha	
David A. Cohen Assistant Secretary Honeywell Internation	nal Inc.
EXECUTED as of the date(s) set forth below on behalf of	the ASSIGNOR:
Christopher Heintzelman	***************************************
	Date:
Christopher R. Jones	

HON ACS Assignment Rev.

**RECORDED: 06/22/2020** 

PATENT REEL: 053004 FRAME: 0622