505624397 08/15/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5671200

SUBMISSION TYPE:		NEW ASSIGNMENT				
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT			
CONVEYING PARTY DA	ΑΤΑ					
		Name			Execution Date	
DUO ZHANG					08/13/2019	
ARTHUR ZHANG				08/12/2019		
TIMOTHY J. WHITE					08/09/2019	
CAMERON K. VREELAN	١D				07/22/2019	
RECEIVING PARTY DA	ТА					
Name:	HONE	WELL INTERNATIONAL INC.				
Street Address:	115 TA	BOR ROAD				
Internal Address:	P.O. B	P.O. BOX 377; MAIL STOP: 4D3				
City:	MORR	SPLAINS				
State/Country:	NEW J	NEW JERSEY				
Postal Code:	07950					
PROPERTY NUMBERS Total: 1 Property Type		Number				
		29664633				
Fax Number: Correspondence will be		(651)735-1102 • the e-mail address first: if that is	uns	uccessfu	l it will be sent	
using a fax number, if p	provided	l; if that is unsuccessful, it will be	sent	t via US N	lail.	
		651.735.1100				
Email:	pairdocketing@ssiplaw.com					
Correspondent Name:	RESIDEO/SHUMAKER & SIEFFERT					
Address Line 1:	1625 RADIO DRIVE, SUITE 100					
Address Line 4:		WOODBURY, MINNESOTA 55125				
ATTORNEY DOCKET NU	JMBER:	H0064900-US/1264-208USD	H0064900-US/1264-208USD1			
NAME OF SUBMITTER:		BARBARA A. GEISTHARDT	BARBARA A. GEISTHARDT			
SIGNATURE:		/Barbara A. Geisthardt/	/Barbara A. Geisthardt/			
DATE SIGNED:		08/15/2019	08/15/2019			
Total Attachments: 8						
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Attorney Docket No.: H0064900-US/1264-208USD1 ASSIGNMENT

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

USER INTERFACE OF A HEATING, VENTILATION AND/OR AIR CONDITIONING (HVAC) CONTROLLER

for which application for patent in the United States:

was filed on September 26, 2018 and assigned U.S. Application No 29/664,633;

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.

Attorney Docket No.: <u>H0064900-US/1264-208USD1</u> ASSIGNMENT

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 forth below on behalf of the ASSIGNOR:

Uno Zhang

Duo Zhang

Date:	2019	. 8. 13

Arthur Zhang

Date: _____

Date: _____

Timothy J. White

Date: _____

3

Cameron K, Vreeland

Atterney Docket No. : <u>H0064900-US/1284-208USD1.</u> ASOKINMENT

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

USER INTERFACE OF A HEATING, VENTILATION AND/OR AIR CONDITIONING (HVAC) CONTROLLER

for which application for patent in the United States:

was filed on September 26, 2018 and assigned U.S. Application No 29/664,633;

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 applications against third paties 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 tiling 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.

PATENT REEL: 050067 FRAME: 0910

Auorney Dockel Na : <u>H0064900-US/1264-298USD1</u> ASSIGNMENT

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 forth below on behalf of the ASSIGNOR:

	Date:
Duo Zhang	
Arthur Zhang	Date: <u>Aug. 12, 2</u> 419
Timothy J. White	Date:
Cameron K. Vreeland	Date:

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

USER INTERFACE OF A HEATING, VENTILATION AND/OR AIR CONDITIONING (HVAC) CONTROLLER

for which application for patent in the United States:

was filed on September 26, 2018 and assigned U.S. Application No 29/664,633;

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 applications 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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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 forth below on behalf of the ASSIGNOR:

Duo Zhang

_____ vithur Zhang

Date:

Date:

Date: <u>1August</u> 2019

Timothy J. White

Date:

Cameron K. Vreeland

Attorney Dacket No.: <u>H0064900-US/1264-208USD1</u> ASSIGNMENT

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

USER INTERFACE OF A HEATING, VENTILATION AND/OR AIR CONDITIONING (HVAC) CONTROLLER

for which application for patent in the United States:

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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 applications 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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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.

PATENT REEL: 050067 FRAME: 0914 Attorney Docket No.: H0054900-US/1264-208USD1 ASSIGNMENT

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

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signature(s) below:

David A. Cohen Assistant Secretary Honeywell International Inc.

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

Date:

Date:

Timothy J. White

Cameron K. Vreeland

Date:

Date: 7/20/19

HON ACS Assignment Rev.

RECORDED: 08/15/2019