PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT6882043

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PAUL F. MCLAUGHLIN	08/17/2021
JOSEPH FELIX	08/23/2021
JAMES M. SCHREDER	08/17/2021
ROBERT ALTIMARI	08/17/2021
JOHN ROSA-BIAN	08/17/2021

RECEIVING PARTY DATA

Name:	HONEYWELL INTERNATIONAL INC.
Street Address:	300 S. TRYON STREET, SUITE 600
City:	CHARLOTTE
State/Country:	NORTH CAROLINA
Postal Code:	28202

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17411152

CORRESPONDENCE DATA

Fax Number:

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: 8473103005

Email: cindi.schermerhorn@paschall-ip.com

Correspondent Name: CINDI SCHERMERHORN Address Line 1: 210 N. HICKORY AVENUE

Address Line 4: ARLINGTON HEIGHTS, ILLINOIS 60004

ATTORNEY DOCKET NUMBER:	H223320-US
NAME OF SUBMITTER:	CINDI SCHERMERHORN
SIGNATURE:	/Cindi Schermerhorn/
DATE SIGNED:	08/25/2021

Total Attachments: 6

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PATENT REEL: 057280 FRAME: 0841

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PATENT REEL: 057280 FRAME: 0842

14008 Assignment Rev. September 2020

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

METHOD AND APPARATUS FOR THE ENMHANCED DIAGNOSTIC COVERAGE OF A SECONDARY DEVICE OF A REDUNDANT CONTROLLER PAIR

for which application for patent in the United States:			
X has been executed on even date herewith;			
was executed on			
was filed onand assigned U.S. Applical	ion No		
AND WHEREAS, the "Assigned Property" shall me application for patent (the "Application"), (ii) all inventions of applications for patent throughout the world directed to the sof priority drising from the Application or from such other approtection of Industrial Property or under relevant laws, treating agreements, in any jurisdiction, (v) any end all patents through such other application(s) for patents, and (vi) any and all any of the rights assigned by this Agreement;	disclosed in subject math plications, u aties, conve- ghout the w	the Application, er of the Applicati nder the Paris Co ntions or bilateral orld resulting from	(iii) any and ai ion, (iv) the righ onvention for the and multilatera I the Application
AND WHEREAS, Honeywell International Inc., a Delawa 300 S. Tryon Street, Suite 600, Charlotte, North Carolina, 21 individually and collectively referred to as "ASSIGNEE"), is right, lifte, and interest in and to and resulting from said Arrights included therein;	3202, its suc desirous (ocessors and assist of acquiring ASS	igns (hereinafter iiGNOR's entire
NOW, THEREFORE, for good and valuable considerat hereby acknowledged, ASSIGNOR does hereby inevocably ASSIGNEE ASSIGNOR's entire right, title and interest in and and hereby authorizes and requests the Commissioner of P. the sole use and benefit of ASSIGNEE; ASSIGNEE hereby ac	and uncond i to and resu atems to is:	litionally assign a ulting from the Ass sue said patent to	nd transfer unic signed Property, ASSIGNEE for
AND ASSIGNOR FURTHERMORE authorizes ASSIGN Insert on each page of this instrument (where indicated) th Application when known;	EE, or anyo e filing data	ine it may proper and application	ty designate, to number of said
AND ASSIGNOR AGREES, FURTHERMORE, upon a remuneration, but at no expense to ASSIGNOR, that ASSI administrators will provide all reasonable assistance to obtain legal protection that ASSIGNEE desires to obtain or assert frank and all papers desired by ASSIGNEE for the filling and Property, the perfecting of title in ASSIGNEE, and in enforcing	IGNOR or A n. maintain, or the Assig id granting	ASSIGNOR'S heir and assert the fui ned Property, incli of patent rights in	s, executors, or lest measure of luding executing in the Assiment
This instrument is executed by, and shall be binding executors and administrators, for the uses and purposes about the benefit of ASSIGNEE or anyone it may properly designate	ive set forth	GNOR, and ASS and referred to a	aGNOR's heirs, nd shall inure to
If any provision of this assignment is held by any count interpreted to accomplish the objectives of the original provide remainder of this assignment shall remain in full force and	sion to the	orceable, such pr fullest extent allo	ovision shall be wed by law and
This assignment shall be construed, governed, interprete the State of Delaware, United States of America	d and appli	ed in accordance	with the laws of

PATENT REEL: 057280 FRAME: 0843 **EXECUTED** on behalf of ASSIGNEE and effective as of the latest date of the ASSIGNOR signature(s) below:

Jone Poss-Sien

Maria Assignment Box, September 2020

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:

METHOD AND APPARATUS FOR THE ENMHANCED DIAGNOSTIC COVERAGE OF A SECONDARY DEVICE OF A REDUNDANT CONTROLLER PAIR

X has been executed on was executed on	on even date herewith;		
	and assigned U.S. Applicat	ion No	
application for patent (the applications for patent throof priority arising from the Protection of Industrial Pragreements, in any jurisd	e "Assigned Property" shall med e "Application"), (ii) all inventions of oughout the world directed to the se e Application or from such other approperty or under relevant laws, treatiotion, (v) any and all patents through for patents, and (vi) any and all of by this Agreement;	disclosed in the Application ubject matter of the Applications, under the Parisisties, conventions or bilate ghout the world resulting f	on, (iii) any and all cation, (iv) the right convention for the eral and multilateral from the Application

AND WHEREAS, Honeywell International Inc., a Delaware corporation having a place of business at 300 S. Tryon Street, Suite 600, Charlotte, North Carolina, 28202, 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 Assignment Rev. September 2020

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

John F. Beninati Assistant Secretary Honeywell International Inc.		
EXECUTED as of the date(s) set forth below on behalf of the A	ASSIGNOR:	
	Date:	
Paul F. McLaughlin		
Joseph Felix Joseph Felix	Date:	AUG. 23,2021
Joseph Pelix 🗸		
	Date:	
James M. Schreder		
	Date:	
Robert Altimari		
John Rosa-Rian	Date:	***************************************

HON Assignment Rev. September 2020

for which application for patent in the United States:

X has been executed on even date herewith;

any of the rights assigned by this Agreement:

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

METHOD AND APPARATUS FOR THE ENMHANCED DIAGNOSTIC COVERAGE OF A SECONDARY DEVICE OF A REDUNDANT CONTROLLER PAIR

was executed on		
was filed on	and assigned U.S. Application No;	
AND WHEREAS,	the "Assigned Property" shall mean (i) the above-identified United State	38
	(the "Application"), (ii) all inventions disclosed in the Application, (iii) any and a	
applications for patent	throughout the world directed to the subject matter of the Application, (iv) the rig	hi
	the Application or from such other applications, under the Paris Convention for the	
	Property or under relevant laws, treaties, conventions or bilateral and multilater	

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

AND WHEREAS, Honeywell International Inc., a Delaware corporation having a place of business at 300 S. Tryon Street, Suite 600, Charlotte, North Carolina, 28202, 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 Assignment Rev. September 2020

John F. Beninati

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

Assistant Secretary Honeywell International Inc.	
EXECUTED as of the date(s) set forth below on behalf of the ASS	SIGNOR:
	Date:
Paul F. McLaughlin	
Joseph Felix	Date:
300epri enx	
DmM. Sa	Date: 8/17/2021
James M. Schreder	•
Mr. Allendar	Date: <u> </u>
Robert Altimari	

HON Assignment Rev. September 2020

RECORDED: 08/25/2021

PATENT REEL: 057280 FRAME: 0848