### 502682411 02/17/2014

#### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2729018

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
TERRIS YANG	02/14/2014
HSUEH SUNG TUNG	02/14/2014
ROBERT JOHNSON	02/14/2014
JOSHUA CLOSE	02/14/2014

#### **RECEIVING PARTY DATA**

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

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

Property Type	Number
Application Number:	14181755

#### **CORRESPONDENCE DATA**

 Fax Number:
 (617)720-9601

 Phone:
 973-455-2062

Email: PatentServices-US@Honeywell.com

Correspondence will be sent via US Mail when the email attempt is unsuccessful.

Correspondent Name: HONEYWELL/BANNER PATENT SERVICES

Address Line 1: 101 COLUMBIA ROAD

Address Line 2: P.O. BOX 2245

Address Line 4: MORRISTOWN, NEW JERSEY 07962-2245

ATTORNEY DOCKET NUMBER:	H0038148-H0036973 (H250)
NAME OF SUBMITTER:	ERNEST V. LINEK - REG. NO. 29822
	n PAIENI

502682411 REEL: 032226 FRAME: 0812

Signature:	/Ernest V. Linek/
Date:	02/17/2014
Total Attachments: 4 source=Yang_Executed_Assignment#page1.tif source=Tung_Executed_Assignment#page1.tif source=Johnston_Executed_Assignment#page1.tif source=Close_Executed_Assignment#page1.tif	

Temis Yang

# **ASSIGNMENT**

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

### METHODS FOR THE DEHYDROCHLORINATION OF 1,1,1,3-TETRACHLOROPROPANE TO 1,1,3-TRICHLOROPROPENE

for which application for Letters Patent of 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 Letters Patent (the "Application"), (ii) the invention disclosed in the Application, (iii) any application for Letters Patent throughout the world directed to the foregoing or claiming priority to the Application, and (iv) any and all patents resulting from the foregoing.
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 the entire right, title, and interest in and to said Assigned Property;
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 the entire right, title and interest in and to the Assigned Property, and hereby authorizes and requests the Commissioner of Patents to issue said Letters Patent to ASSIGNEE for the sole use and benefit of ASSIGNEE;
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 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.
EXECUTED as of the date(s) set forth below:

# **ASSIGNMENT**

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

# METHODS FOR THE DEHYDROCHLORINATION OF 1,1,1,3-TETRACHLOROPROPANE TO 1,1,3-TRICHLOROPROPENE

for which application for Letters Patent of 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 Letters Patent (the "Application"), (ii) the invention disclosed in the Application, (iii) any application for Letters Patent throughout the world directed to the foregoing or claiming priority to the Application, and (iv) any and all patents resulting from the foregoing.
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 the entire right, title, and interest in and to said Assigned Property;
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 the entire right, title and interest in and to the Assigned Property, and hereby authorizes and requests the Commissioner of Patents to issue said Letters Patent to ASSIGNEE for the sole use and benefit of ASSIGNEE;
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 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.
EXECUTED as of the date(s) set forth below:
) Sure Sury Jany Date: 2/4/2014
Hsueh Sung Tung $lacksquare$

Robert Johnson

# **ASSIGNMENT**

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

# METHODS FOR THE DEHYDROCHLORINATION OF 1,1,1,3-TETRACHLOROPROPANE TO 1,1,3-TRICHLOROPROPENE

for which application for Letters Patent of the United States:
X has been executed on even date herewith;
was executed on;
was filed on and assigned U.S. Application No;
<b>AND WHEREAS,</b> the "Assigned Property" shall mean (i) the above-identified United States application for Letters Patent (the "Application"), (ii) the invention disclosed in the Application, (iii) any application for Letters Patent throughout the world directed to the foregoing or claiming priority to the Application, and (iv) any and all patents resulting from the foregoing.
<b>AND WHEREAS,</b> 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 the entire right, title, and interest in and to said Assigned Property;
<b>NOW, THEREFORE,</b> 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 the entire right, title and interest in and to the Assigned Property, and hereby authorizes and requests the Commissioner of Patents to issue said Letters Patent to ASSIGNEE for the sole use and benefit of ASSIGNEE;
<b>AND ASSIGNOR FURTHERMORE</b> 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.
EXECUTED as of the date(s) set forth below:
Molet Union Date: 2/14/2014

**RECORDED: 02/17/2014** 

# **ASSIGNMENT**

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

# METHODS FOR THE DEHYDROCHLORINATION OF 1,1,1,3-TETRACHLOROPROPANE TO 1,1,3-TRICHLOROPROPENE

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was filed on and assigned U.S. Application No;
AND WHEREAS, the "Assigned Property" shall mean (i) the above-identified United States application for Letters Patent (the "Application"), (ii) the invention disclosed in the Application, (iii) any application for Letters Patent throughout the world directed to the foregoing or claiming priority to the Application, and (iv) any and all patents resulting from the foregoing.
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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 the entire right, title and interest in and to the Assigned Property, and hereby authorizes and requests the Commissioner of Patents to Issue said Letters Patent to ASSIGNEE for the sole use and benefit of ASSIGNEE;
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 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.
EXECUTED as of the date(a) set forth below:    Date: 2/14/19
Date:
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