

PATENT ASSIGNMENT

Electronic Version v1.1
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| SUBMISSION TYPE: | NEW ASSIGNMENT | | | | | | | | | | |
|--|------------------------------|---------------|------------------------------|---------------------|-------------------|-----------------|------------|--------------------|------------|--------------|------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT | | | | | | | | | | |
| CONVEYING PARTY DATA | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>HAIYOU WANG</td> <td>01/25/2007</td> </tr> <tr> <td>HSUEH SUNG TUNG</td> <td>01/25/2007</td> </tr> <tr> <td>SUDIP MUKHOPADHYAY</td> <td>07/02/2013</td> </tr> </tbody> </table> | | Name | Execution Date | HAIYOU WANG | 01/25/2007 | HSUEH SUNG TUNG | 01/25/2007 | SUDIP MUKHOPADHYAY | 07/02/2013 | | |
| Name | Execution Date | | | | | | | | | | |
| HAIYOU WANG | 01/25/2007 | | | | | | | | | | |
| HSUEH SUNG TUNG | 01/25/2007 | | | | | | | | | | |
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| RECEIVING PARTY DATA | | | | | | | | | | | |
| <table border="1"> <tr> <td>Name:</td> <td>HONEYWELL INTERNATIONAL INC.</td> </tr> <tr> <td>Street Address:</td> <td>101 COLUMBIA ROAD</td> </tr> <tr> <td>City:</td> <td>MORRISTOWN</td> </tr> <tr> <td>State/Country:</td> <td>NEW JERSEY</td> </tr> <tr> <td>Postal Code:</td> <td>07962-2245</td> </tr> </table> | | Name: | HONEYWELL INTERNATIONAL INC. | Street Address: | 101 COLUMBIA ROAD | City: | MORRISTOWN | State/Country: | NEW JERSEY | Postal Code: | 07962-2245 |
| Name: | HONEYWELL INTERNATIONAL INC. | | | | | | | | | | |
| Street Address: | 101 COLUMBIA ROAD | | | | | | | | | | |
| City: | MORRISTOWN | | | | | | | | | | |
| State/Country: | NEW JERSEY | | | | | | | | | | |
| Postal Code: | 07962-2245 | | | | | | | | | | |
| PROPERTY NUMBERS Total: 1 | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13968801</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 13968801 | | | | | | |
| Property Type | Number | | | | | | | | | | |
| Application Number: | 13968801 | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | |
| Fax Number: 9734555904 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 973-455-2062 Email: patentservices-us@honeywell.com Correspondent Name: HONEYWELL INTERNATIONAL INC. Address Line 1: 101 COLUMBIA ROAD Address Line 4: MORRISTOWN, NEW JERSEY 07962 | | | | | | | | | | | |
| ATTORNEY DOCKET NUMBER: | H0012514CON-4511 | | | | | | | | | | |
| NAME OF SUBMITTER: | Michele Greenberg | | | | | | | | | | |
| Signature: | /mg/ | | | | | | | | | | |
| Date: | 08/16/2013 | | | | | | | | | | |

OP \$40.00 13968801

Total Attachments: 4

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ASSIGNMENT

Assignment before issue of Letters Patent

Honeywell File H0012514-4510

WHEREAS Haiyou Wang and Hsueh Sung Tung

(hereinafter "Assignor") have invented certain new and useful improvements in

Processes for Selective Dehydrohalogenation of Halogenated Alkenes

(hereinafter "invention") for which Assignor filed U.S. Patent Application No. 11/588,465 on October 27, 2006, which application claims priority of U.S. Patent Application Nos. 10/694,272 filed October 27, 2003, 10/626,997 filed July 25, 2003, and 11/118,503 filed April 29, 2005, and U.S. Provisional Application Nos. 60/733,355 filed November 3, 2005 and 60/763,086 filed January 27, 2006, which application has been duly executed by Assignor on the day(s) and date(s) of these presents.

AND WHEREAS, Honeywell International Inc. a corporation organized and existing under the laws of the State of Delaware, U.S.A., having a place of business at 101 Columbia Road, Morris Township, Morris County, New Jersey, U.S.A., hereinafter called the Assignee, is desirous of acquiring the entire right, title and interest in and to said invention within the United States of America and its territorial possessions and all foreign countries and any United States or foreign LETTERS PATENT that may be granted therefor.

NOW, THIS INDENTURE WITNESSETH, that for good and valuable considerations, the receipt whereof is hereby acknowledged, Assignor has assigned, sold and transferred, and does hereby assign, sell and transfer to the said Assignee the entire right, title and interest in and to the said invention, within the United States of America and its territorial possessions and all foreign countries and in and to any LETTERS PATENT of the United States and foreign countries, including utility models, inventor's certificates and like government grants, and all divisions, reissues, continuations and extensions thereof that may be granted therefor, and the right to apply for LETTERS PATENT in foreign countries with full benefit of such priorities as may now or hereafter be granted to Assignor by local laws or by treaty, including any international convention, for the protection of industrial property, together with the right to extend the protection of said U.S. LETTERS PATENT to the various territorial possessions now owned or which may be hereafter acquired by the United States of America, all said rights to be held and enjoyed by the Assignee for its own use and benefit, and for the use and benefit of its successors or assigns, to the full end of the term for which said LETTERS PATENT may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor if this assignment and sale had not been made. And Assignor does hereby request and authorize the Commissioner of Patents and Trademarks, U.S.A., to issue said U.S. LETTERS PATENT, when granted, in accordance with this assignment.

Assignor further covenants and agrees with the Assignee that Assignor has a full and unencumbered title to the invention hereby assigned, which title Assignor warrants unto the Assignee, and Assignor further agrees that Assignor will, without demanding any further consideration therefor, at the request but at the expense of the Assignee, do all lawful and just acts, including the execution and acknowledgment of instruments, that may be or become necessary for obtaining, sustaining, extending, reissuing or reexamining United States and foreign LETTERS PATENT or the like for the said invention, and for maintaining and perfecting the Assignee's right to said invention and LETTERS PATENT particularly in cases of interference, conflict, opposition and litigation.

IN TESTIMONY WHEREOF, I have hereunto set my hand this

25th day of January, 20 07Haiyou WangSTATE OF New YorkCOUNTY OF ErieOn this 25th day of January, 20 07 before me personally appeared

to me known MARY J. BOHN as the individual
and NOTARY PUBLIC, STATE OF NEW YORK name that

NO 01806085517
(SEAL) CERTIFIED IN ERIE COUNTY
MY COMMISSION EXPIRES 12/30/2010

Described in and who executed the foregoing instrument,
He Executed the same.

Mary J. Bohn Notary PublicMy commission expires: 2010

PATENT

REEL: 031026 FRAME: 0451

H0012514-4510

| | | |
|--|---|---|
| IN TESTIMONY WHEREOF, I have hereunto set my hand this | | <u>25th</u> day of <u>January</u> , 20 <u>07</u> |
| | | <u>Hsueh Sung Tung</u> |
| STATE OF <u>New York</u> |) | |
| |) ss.: | |
| COUNTY OF <u>Erie</u> |) | |
| On this <u>25th</u> day of <u>January</u> , 20 <u>07</u> before me personally appeared | | |
| to me known and known to me to be an individual | Described in and who executed the foregoing instrument, | |
| and he acknowledged to me that | He Executed the same, | |
| [SEAL] MARY J. BOHN NOTARY PUBLIC, STATE OF NEW YORK NO 01B06085517 CERTIFIED IN ERIE COUNTY MY COMMISSION EXPIRES 12/30/20 <u>10</u> | | <u>Mary J Bohn</u> Notary Public |
| My commission expires: <u>2010</u> | | |

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

**PROCESSES FOR SELECTIVE DEHYDROHALOGENATION OF
HALOGENATED ALKANES**

for which application for patent in the United States:

___ has been executed on even date herewith;

___ was executed on _____;

X was filed on October 27, 2006 and assigned U.S. Application No. 11/588,465 .

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 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 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.

ASSIGNMENT

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



David S. Hoiriis
Associate General Counsel & Chief IP Counsel
Honeywell International Inc.

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


SUDIP MUKHOPADHYAY

Date: 7/2/2013