

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>Richard K. Hoehn</td> <td>08/19/2013</td> </tr> <tr> <td>Soumendra M. Banerjee</td> <td>08/21/2013</td> </tr> <tr> <td>Kiran Ladkat</td> <td>08/20/2013</td> </tr> <tr> <td>Andrew J. Towarnicky</td> <td>08/19/2013</td> </tr> <tr> <td>Brent Lemberg</td> <td>08/20/2013</td> </tr> </tbody> </table>		Name	Execution Date	Richard K. Hoehn	08/19/2013	Soumendra M. Banerjee	08/21/2013	Kiran Ladkat	08/20/2013	Andrew J. Towarnicky	08/19/2013	Brent Lemberg	08/20/2013
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Richard K. Hoehn	08/19/2013												
Soumendra M. Banerjee	08/21/2013												
Kiran Ladkat	08/20/2013												
Andrew J. Towarnicky	08/19/2013												
Brent Lemberg	08/20/2013												
RECEIVING PARTY DATA													
Name:	UOP LLC												
Street Address:	25 EAST ALGONQUIN ROAD												
Internal Address:	PATENT DEPARTMENT												
City:	DES PLAINES												
State/Country:	ILLINOIS												
Postal Code:	60017												
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>13970040</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13970040								
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Application Number:	13970040												
CORRESPONDENCE DATA													
Fax Number:	8473912387												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone:	847-391-2040												
Email:	ip.docketclerk@Honeywell.com												
Correspondent Name:	Honeywell International Inc												
Address Line 1:	101 Columbia Road P. O. Box 2245												
Address Line 2:	Mail Stop AB/2B Patent Services												
Address Line 4:	Morristown, NEW JERSEY 07962												
ATTORNEY DOCKET NUMBER:	H0025336-8284												

OP \$40.00 13970040

NAME OF SUBMITTER:	Patricia L. Prior
Signature:	/Patricia L. Prior/
Date:	08/21/2013
Total Attachments: 10 source=Executed Assignment#page1.tif source=Executed Assignment#page2.tif source=Executed Assignment#page3.tif source=Executed Assignment#page4.tif source=Executed Assignment#page5.tif source=Executed Assignment#page6.tif source=Executed Assignment#page7.tif source=Executed Assignment#page8.tif source=Executed Assignment#page9.tif source=Executed Assignment#page10.tif	

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

ENHANCED HYDROGEN RECOVERY

for which application for patent in the United States:

___ has been executed on even date herewith;

___ was executed on _____;

X was filed on August 19, 2013 and assigned U.S. Application No. 13/970,040;

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, UOP LLC, a Delaware Limited Liability Company having a place of business at 25 East Algonquin Road, Des Plaines, IL 60017-5017, 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.

U.S. Provisional Application No. _____ filed _____

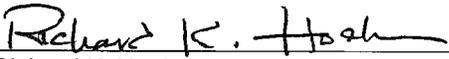
(Rev.03/20/2012)

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



Maryann Maas
Assistant Secretary – Patent
UOP LLC

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


Richard K. Hoehn

Date: 8/19/13

Soumendra M. Banerjee

Date: _____

Kiran Ladkat

Date: _____

Andrew J. Towarnicky

Date: _____

Brent Lemberg

Date: _____

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

ENHANCED HYDROGEN RECOVERY

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_____ has been executed on even date herewith;

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AND WHEREAS, UOP LLC, a Delaware Limited Liability Company having a place of business at 25 East Algonquin Road, Des Plaines, IL 60017-5017, 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.

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Maryann Maas
Assistant Secretary – Patent
UOP LLC

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

Richard K. Hoehn

Date: _____

Soumendra M. Banerjee

Date: 21st August - 2013

Kiran Ladkat

Date: _____

Andrew J. Towarnicky

Date: _____

Brent Lemberg

Date: _____

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Maryann Maas
Assistant Secretary – Patent
UOP LLC

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

Richard K. Hoehn

Date: _____

Soumendra M. Banerjee

Date: _____

K.8.Ladkat

Kiran Ladkat

Date: 20-AUG-2013

Andrew J. Towarnicky

Date: _____

Brent Lemberg

Date: _____

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Richard K. Hoehn

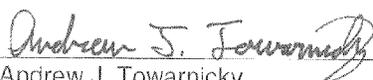
Date: _____

Soumendra M. Banerjee

Date: _____

Kiran Ladkat

Date: _____



Andrew J. Towarnicky

Date: 19 August, 2013

Brent Lemberg

Date: _____

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U.S. Provisional Application No. _____ filed _____

(Rev. 03/20/2012)

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Maryann Maas
Assistant Secretary – Patent
UOP LLC

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

Richard K. Hoehn

Date: _____

Soumendra M. Banerjee

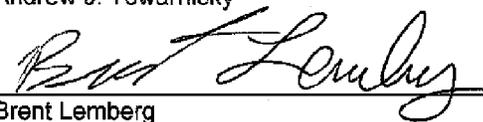
Date: _____

Kiran Laddat

Date: _____

Andrew J. Towarnicky

Date: _____


Brent Lemberg

Date: 08/20/2013

U.S. Provisional Application No. _____ filed _____

(Rev. 03/20/2012)