

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT6745039

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
GREGORY J. LEWIS	03/16/2017
JAIME G. MOSCOSO	03/06/2017
LISA M. KNIGHT	03/06/2017
CHRISTOPHER P. NICHOLAS	03/07/2017
SEUNGWAN SEO	03/06/2017
JUNGHWAN LEE	03/06/2017
SUK BONG HONG	03/06/2017
RECEIVING PARTY DATA	
Name:	UOP LLC
Street Address:	25 EAST ALGONQUIN ROAD
City:	DES PLAINES
State/Country:	ILLINOIS
Postal Code:	60017
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16594144
CORRESPONDENCE DATA	
Fax Number:	
<i>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.</i>	
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
NAME OF SUBMITTER:	CINID SCHERMERHORN
SIGNATURE:	/Cindi Schermerhorn/
DATE SIGNED:	06/04/2021
Total Attachments: 10	

source=2017-05-05-USA-H0054736-01-Assignment-SIGNED-copy-of-parents#page1.tif
source=2017-05-05-USA-H0054736-01-Assignment-SIGNED-copy-of-parents#page2.tif
source=2017-05-05-USA-H0054736-01-Assignment-SIGNED-copy-of-parents#page3.tif
source=2017-05-05-USA-H0054736-01-Assignment-SIGNED-copy-of-parents#page4.tif
source=2017-05-05-USA-H0054736-01-Assignment-SIGNED-copy-of-parents#page5.tif
source=2017-05-05-USA-H0054736-01-Assignment-SIGNED-copy-of-parents#page6.tif
source=2017-05-05-USA-H0054736-01-Assignment-SIGNED-copy-of-parents#page7.tif
source=2017-05-05-USA-H0054736-01-Assignment-SIGNED-copy-of-parents#page8.tif
source=2017-05-05-USA-H0054736-01-Assignment-SIGNED-copy-of-parents#page9.tif
source=2017-05-05-USA-H0054736-01-Assignment-SIGNED-copy-of-parents#page10.tif

ASSIGNMENT

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

HIGH CHARGE DENSITY METALLOPHOSPHATE MOLECULAR SIEVES

for which application for patent in the United States:

_____ has been executed on even date herewith;

_____ was executed on _____;

X was filed on 05/25/2016 and assigned U.S. Appl. No. 62/341,208 ;

X was filed on 05/05/2017 and assigned U.S. Appl. No. 15/588,383 ;

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.

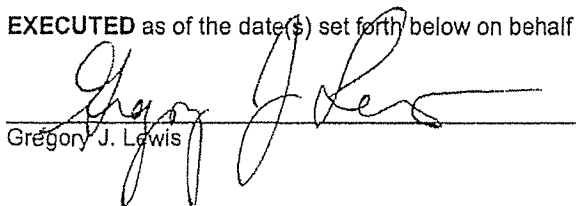
ASSIGNMENT

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:



Gregory J. Lewis

Date:

3/16/2017

Jaime G. Moscoso

Date:

Lisa M. Knight

Date:

Christopher P. Nicholas

Date:

Seungwan Seo

Date:

Junghwan Lee

Date:

Suk Bong Hong

Date:

ASSIGNMENT

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

HIGH CHARGE DENSITY METALLOPHOSPHATE MOLECULAR SIEVES

for which application for patent in the United States:

_____ has been executed on even date herewith;

_____ was executed on _____;

X was filed on 05/25/2016 and assigned U.S. Appl. No. 62/341,208 ;

X was filed on 05/05/2017 and assigned U.S. Appl. No. 15/588,383 ;

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.

ASSIGNMENT

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

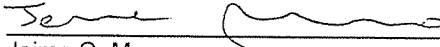


Maryann Maas
Assistant Secretary – Patent
UOP LLC

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

Gregory J. Lewis

Date: _____



Jaime G. Moscoso

Date: 3/6/17

Lisa M. Knight

Date: _____

Christopher P. Nicholas

Date: _____

Seungwan Seo

Date: _____

Junghwan Lee

Date: _____

Suk Bong Hong

Date: _____

ASSIGNMENT

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

HIGH CHARGE DENSITY METALLOPHOSPHATE MOLECULAR SIEVES

for which application for patent in the United States:

_____ has been executed on even date herewith;

_____ was executed on _____;

X was filed on 05/25/2016 and assigned U.S. Appl. No. 62/341,208 ;

X was filed on 05/05/2017 and assigned U.S. Appl. No. 15/588,383 ;

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.

ASSIGNMENT

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

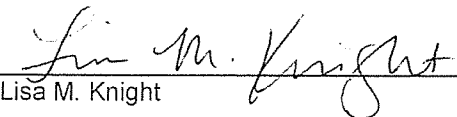
EXECUTED as of the date(s) set forth below on behalf of the ASSIGNOR:

Gregory J. Lewis

Date: _____

Jaime G. Moscoso

Date: _____



Lisa M. Knight

Date: 3/6/2017

Christopher P. Nicholas

Date: _____

Seungwan Seo

Date: _____

Junghwan Lee

Date: _____

Suk Bong Hong

Date: _____

ASSIGNMENT

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

HIGH CHARGE DENSITY METALLOPHOSPHATE MOLECULAR SIEVES

for which application for patent in the United States:

_____ has been executed on even date herewith;

_____ was executed on _____;

X was filed on 05/25/2016 and assigned U.S. Appl. No. 62/341,208 ;

X was filed on 05/05/2017 and assigned U.S. Appl. No. 15/588,383 ;

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.

ASSIGNMENT

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



Maryann Maas
Assistant Secretary – Patent
UOP LLC

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

Gregory J. Lewis


Date: _____

Jaime G. Moscoso

Date: _____

Lisa M. Knight

Date: _____



Christopher P. Nicholas

Date: 3/07/2017

Seungwan Seo

Date: _____

Junghwan Lee

Date: _____

Suk Bong Hong

Date: _____

ASSIGNMENT

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

HIGH CHARGE DENSITY METALLOPHOSPHATE MOLECULAR SIEVES

for which application for patent in the United States:

_____ has been executed on even date herewith;

_____ was executed on _____;

X was filed on 05/25/2016 and assigned U.S. Appl. No. 62/341,208 ;

X was filed on 05/05/2017 and assigned U.S. Appl. No. 15/588,383 ;

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.

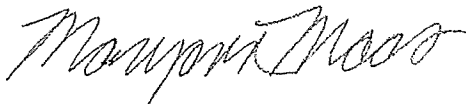
This assignment shall be construed, governed, interpreted and applied in accordance with the laws of the State of Delaware, United States of America.

Honeywell Docket No. H0054736
Honeywell Docket No. H0054736-01

ASSIGNMENT

Page 2 of 2

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



Maryann Maas
Assistant Secretary – Patent
UOP LLC

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

Gregory J. Lewis

Date: _____

Jaime G. Moscoso

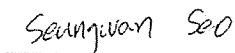
Date: _____

Lisa M. Knight

Date: _____

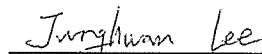
Christopher P. Nicholas

Date: _____



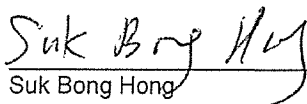
Seungwan Seo

Date: March 6, 2017



Junghwan Lee

Date: March 6, 2017



Suk Bong Hong

Date: March 6, 2017

PCT Application No. _____ filed _____

(Rev. 03/20/2012)

RECORDED: 06/04/2021

PATENT
REEL: 056437 FRAME: 0725