

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3341215

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
STANISLAW PLECHA	12/11/2014
NARINOBU KAGAMI	12/09/2014
JOHN EVERETT CREIGHTON	01/30/2015
VIOREL DUMA	02/19/2015
RECEIVING PARTY DATA	
Name:	ADVANCED REFINING TECHNOLOGIES LLC
Street Address:	7500 GRACE DRIVE
City:	COLUMBIA
State/Country:	MARYLAND
Postal Code:	21044
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14378894
CORRESPONDENCE DATA	
Fax Number:	(908)654-7866
<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:	(908) 518-6425
Email:	Assignment@ldlkm.com
Correspondent Name:	LDLK&M
Address Line 1:	600 SOUTH AVENUE WEST
Address Line 4:	WESTFIELD, NEW JERSEY 07090
ATTORNEY DOCKET NUMBER:	GRACE 3.3-015 (E)
NAME OF SUBMITTER:	HARVEY L. COHEN
SIGNATURE:	/Harvey L. Cohen/
DATE SIGNED:	05/06/2015
Total Attachments: 4	
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source=GRACE 3.3-015 (E) (941)#page3.tif	

ASSIGNMENT OF UTILITY APPLICATION	Docket Number (Optional)
	GRACE 3.3-015 (E)

Whereas, I, Viorel Duma of 118 Jade Ct., Hercules, California 94547

hereafter referred to as assignor, have with others invented certain new and useful improvements in SPHEROIDAL RESID HYDRODEMETALLATION CATALYST

for which an application for a United States Letters Patent was filed on August 14, 2014
Application Number 14/378,894

for which an application for a United States Letters Patent was executed by me on _____

for which an International Application was filed on February 15, 2013, as PCT/US2013/026323, designating the United States.

And

Whereas, Advanced Refining Technologies LLC
a corporation of Delaware herein referred to as "assignee" whose mailing address is 7500 Grace Drive, Columbia, Maryland 21044

is desirous of acquiring the entire right, title and interest in the same;

NOW, THEREFORE, in consideration of the sum of one dollar (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said assignee my entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid utility patent application and all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, for said invention, including without limitation all applications and patents for said invention claiming priority or benefit of the aforesaid utility application pursuant to any law or treaty, and including all claims for damages by reason of past infringement with the right to sue for and collect the same for its own use and the use of its successors, assigns and legal representatives, and including the right to claim such priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses incident to said applications to be borne and paid by said assignee.

And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application when known.

19 Feb 2015
Date

Viorel Duma
Viorel Duma

Th. Maesen
Witness
Typed Name of Witness

*Total of _____ forms are submitted.

ASSIGNMENT OF UTILITY APPLICATION	Docket Number (Optional)
	GRACE 3.3-015 (E)

Whereas, I, Stanislaw Plecha of 10518 Vista Road, Columbia, Maryland 21044

hereafter referred to as assignor, have with others invented certain new and useful improvements in SPHEROIDAL RESID HYDRODEMETALLATION CATALYST

for which an application for a United States Letters Patent was filed on August 14, 2014
Application Number 14/378,894

for which an application for a United States Letters Patent was executed by me on _____

for which an International Application was filed on February 15, 2013, as PCT/US2013/026323, designating the United States.

And

Whereas, Advanced Refining Technologies LLC
a corporation of Delaware herein referred to as "assignee" whose mailing address is 7500 Grace Drive, Columbia, Maryland 21044

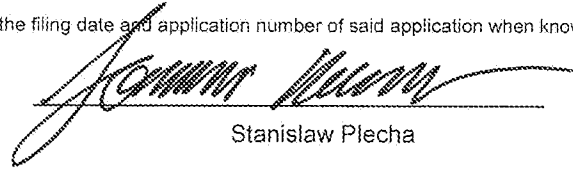
is desirous of acquiring the entire right, title and interest in the same;

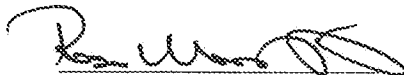
NOW, THEREFORE, in consideration of the sum of one dollar (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said assignee my entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid utility patent application and all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, for said invention, including without limitation all applications and patents for said invention claiming priority or benefit of the aforesaid utility application pursuant to any law or treaty, and including all claims for damages by reason of past infringement with the right to sue for and collect the same for its own use and the use of its successors, assigns and legal representatives, and including the right to claim such priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses incident to said applications to be borne and paid by said assignee.

I, as assignor, hereby assign to said assignee all of my right, title and interest in United States Provisional Application No. 61/600,024, filed February 17, 2012, and in the invention disclosed thereto in all countries of the world including the right to claim priority or benefit of said Application No. 61/600,024 pursuant to any law or treaty in the countries of the world.

And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application when known.

Dec. 11, 2014
Date


Stanislaw Plecha


Witness

Ross Woodruff
Typed Name of Witness

*Total of _____ forms are submitted.

ASSIGNMENT OF UTILITY APPLICATION

Docket Number (Optional)

GRACE 3.3-015 (E)

Whereas, I, John Everett Creighton of 2620 Offutt Road, Woodstock, Maryland 21163

hereafter referred to as assignor, have with others invented certain new and useful improvements in SPHEROIDAL RESID HYDRODEMETALLATION CATALYST

for which an application for a United States Letters Patent was filed on August 14, 2014
Application Number 14/378,894

for which an application for a United States Letters Patent was executed by me on _____,

for which an International Application was filed on February 15, 2013, as PCT/US2013/026323, designating the United States.

And

Whereas, Advanced Refining Technologies LLC
a corporation of Delaware herein referred to as "assignee" whose mailing address is 7500 Grace Drive, Columbia, Maryland 21044

is desirous of acquiring the entire right, title and interest in the same;

NOW, THEREFORE, in consideration of the sum of one dollar (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said assignee my entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid utility patent application and all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, for said invention, including without limitation all applications and patents for said invention claiming priority or benefit of the aforesaid utility application pursuant to any law or treaty, and including all claims for damages by reason of past infringement with the right to sue for and collect the same for its own use and the use of its successors, assigns and legal representatives, and including the right to claim such priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses incident to said applications to be borne and paid by said assignee.

I, as assignor, hereby assign to said assignee all of my right, title and interest in United States Provisional Application No. 61/600,024, filed February 17, 2012, and in the invention disclosed thereto in all countries of the world including the right to claim priority or benefit of said Application No. 61/600,024 pursuant to any law or treaty in the countries of the world.

And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application when known.

1/30/15
Date

John Everett Creighton
John Everett Creighton

Brenda Creighton
Witness

Typed Name of Witness

*Total of forms are submitted.

ASSIGNMENT OF UTILITY APPLICATION	Docket Number (Optional) GRACE 3.3-015 (E)
<p>Whereas, I, <u>Narinobu Kagami</u> of <u>1-26-28-405 Chuokou, Chuoku, Chiba 260-0024, Japan</u> hereafter referred to as assignor, have invented certain new and useful improvements in <u>SPHEROIDAL RESID HYDRODEMETALLATION CATALYST</u></p> <p><input checked="" type="checkbox"/> for which an application for a United States Letters Patent was filed on <u>August 14, 2014</u> Application Number <u>14/378,894</u></p> <p><input type="checkbox"/> for which an application for a United States Letters Patent was executed by me on _____</p> <p><input checked="" type="checkbox"/> for which an International Application was filed on <u>February 15, 2013</u>, as <u>PCT/US2013/026323</u>, designating the United States.</p> <p>And</p> <p>Whereas, <u>Advanced Refining Technologies LLC</u> a corporation of <u>Delaware</u> herein referred to as "assignee" whose mailing address is <u>7500 Grace Drive, Columbia, Maryland 21044</u> is desirous of acquiring the entire right, title and interest in the same;</p> <p>NOW, THEREFORE, in consideration of the sum of <u>one</u> dollar (\$ <u>1.00</u>), the receipt whereof is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said assignee the entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid utility patent application and all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, for said invention, including without limitation all applications and patents for said invention claiming priority or benefit of the aforesaid utility application pursuant to any law or treaty, and including all claims for damages by reason of past infringement with the right to sue for and collect the same for its own use and the use of its successors, assigns and legal representatives, and including the right to claim such priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses incident to said applications to be borne and paid by said assignee.</p> <p>I, as assignor, hereby assign to said assignee all of my right, title and interest in United States Provisional Application No. 61/600,024, filed February 17, 2012, and in the invention disclosed thereto in all countries of the world including the right to claim priority or benefit of said Application No. 61/600,024 pursuant to any law or treaty in the countries of the world</p> <p>And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application when known.</p> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div style="text-align: center;"> <p><u>December 9, 2014</u> Date</p> <p><u>Takero Endo</u> Witness</p> <p><u>Takero Endo</u> Printed Name of Witness</p> </div> <div style="text-align: center;"> <p><u>Narinobu Kagami</u> Narinobu Kagami</p> </div> </div>	