

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>Roger K. Lott</td> <td>11/12/2007</td> </tr> <tr> <td>Yu-Hwa Chang</td> <td>11/09/2007</td> </tr> </tbody> </table>		Name	Execution Date	Roger K. Lott	11/12/2007	Yu-Hwa Chang	11/09/2007
Name	Execution Date						
Roger K. Lott	11/12/2007						
Yu-Hwa Chang	11/09/2007						
RECEIVING PARTY DATA							
Name:	Headwaters Technology Innovation, LLC						
Street Address:	1501 New York Avenue						
City:	Lawrenceville						
State/Country:	NEW JERSEY						
Postal Code:	08648						
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>13675629</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13675629		
Property Type	Number						
Application Number:	13675629						
CORRESPONDENCE DATA							
Fax Number:	8013281707						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	801-533-9800						
Email:	Docketing@wnlaw.com						
Correspondent Name:	John M. Guynn						
Address Line 1:	60 East South Temple, #1000						
Address Line 4:	Salt Lake City, UTAH 84111						
ATTORNEY DOCKET NUMBER:	15913.713.2						
NAME OF SUBMITTER:	John M. Guynn, Reg. No. 36153						
Total Attachments: 3 source=15913_713_2_Cover#page1.tif source=15913_713_2_Assignment#page1.tif source=15913_713_2_Assignment#page2.tif							

OP \$40.00 13675629

RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Roger K. Lott
Yu-Hwa Chang

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)

Name: Headwaters Technology Innovation, LLC

Internal Address: _____

Street Address: 1501 New York Avenue

City: Lawrenceville

State: NJ

Country: US Zip: 08648

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 11/12/2007, 11/09/2007

Assignment Merger
 Security Agreement Change of Name
 Joint Research Agreement
 Government Interest Assignment
 Executive Order 9424, Confirmatory License
 Other _____

4. Application or patent number(s): This document is being filed together with a new application.

A. Patent Application No.(s)
13/675629

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:

Name: John M. Guynn

Internal Address: 1000 Eagle Gate Tower

Street Address: 60 East South Temple

City: Salt Lake City

State: UT Zip: 84111

Phone Number: 8015339800

Fax Number: 8013281707

Email Address: jguynn@wnlaw.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

Authorized to be charged to deposit account
 Enclosed
 None required (government interest not affecting title)

8. Payment Information

Deposit Account Number 233178

Authorized User Name John M. Guynn

9. Signature: _____ /John M. Guynn 36153/ _____ November 13, 2012
Signature Date

John M. Guynn
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 3

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

WHEN RECORDED RETURN TO:

PATENT APPLICATION

Docket No. 15913.713

Workman Nydegger
1000 Eagle Gate Tower
60 East South Temple
Salt Lake City, Utah 84111

ASSIGNMENT

We, Roger K. Lott and Yu-Hwa Chang, of 10819-18 Avenue, Edmonton, Alberta, Canada T6J 6P2 and 9 Horace Court, West Windsor, New Jersey 08550, respectively, have invented an invention entitled METHODS FOR INCREASING CATALYST CONCENTRATION IN HEAVY OIL AND/OR COAL RESID HYDROCRACKER hereinafter called the "invention."

Preferred embodiments of said invention are disclosed in a United States patent application executed concurrently herewith by us and now identified as File No. 15913.713 of the law firm of Workman Nydegger, 1000 Eagle Gate Tower, 60 East South Temple, Salt Lake City, Utah 84111, and filed in the United States Patent and Trademark Office as Serial No. 11/932,201 on October 31, 2007. (We hereby authorize the attorneys of Workman Nydegger to insert said serial number and filing date when known.)

The Assignee, HEADWATERS TECHNOLOGY INNOVATION, LLC, a Utah limited liability company, having a principal place of business at 1501 New York Avenue, Lawrenceville, New Jersey 08648, desires to secure the entire right, title and interest in said invention.

In consideration of One Dollar (\$1.00) and other good and valuable consideration paid to us by the Assignee, the receipt and sufficiency of which we hereby acknowledge, WE HEREBY ASSIGN TO THE ASSIGNEE:

The entire right, title and interest in said invention in the above-identified United States patent application and in all divisions, continuations and continuations-in-part of said application, or reissues or extensions of Letters Patent or Patents granted thereon, and in all corresponding applications filed in countries foreign to the United States, and in all patents issuing thereon in the United States and foreign countries.

The right to file foreign patent applications on said invention in its own name, wherever such right may be legally exercised, including the right to claim the benefits of the International Convention for such applications.

We hereby authorize and request the United States Director of Patents and Trademarks, and such Patent Office officials in foreign countries as are duly authorized by their patent laws to issue patents, to issue any and all patents on said invention to the Assignee as the owner of the entire interest, for the sole use and behoof of the said Assignee, its successors, assigns and legal representatives.

We hereby agree, without further consideration and without expense to us, to sign all lawful papers and to perform all other lawful acts which the Assignee may request of us to make this Assignment fully effective, including, by way of example but not of limitation, the following:

Prompt execution of all original, divisional, substitute, reissue, and other United States and foreign patent applications on said invention, and all lawful documents requested by the Assignee to further the prosecution of any of such patent applications.

Cooperation to the best of our ability in the execution of all lawful documents, the production of evidence, nullification, reissue, extension, or infringement proceedings involving said invention.

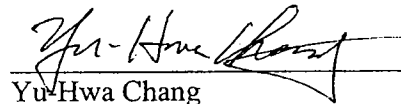
This assignment and agreement shall be binding upon our heirs and legal representatives.

DATED this 12 day of November 2007.



Roger K. Lott

DATED this 9 day of November 2007.



Yu-Hwa Chang

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