

PATENT ASSIGNMENT

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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>11932201</td></tr></tbody></table>	Property Type	Number	Application Number:	11932201			
Property Type	Number						
Application Number:	11932201						
CORRESPONDENCE DATA							
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ATTORNEY DOCKET NUMBER:	15913.713						
NAME OF SUBMITTER:	JOHN M GUYNN						
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PATENT

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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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