

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>Abbas HASSAN</td> <td>05/12/2010</td> </tr> <tr> <td>Aziz HASSAN</td> <td>05/12/2010</td> </tr> <tr> <td>Rayford G. ANTHONY</td> <td>08/31/2009</td> </tr> <tr> <td>Gregory BORSINGER</td> <td>09/14/2009</td> </tr> </tbody> </table>		Name	Execution Date	Abbas HASSAN	05/12/2010	Aziz HASSAN	05/12/2010	Rayford G. ANTHONY	08/31/2009	Gregory BORSINGER	09/14/2009
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Abbas HASSAN	05/12/2010										
Aziz HASSAN	05/12/2010										
Rayford G. ANTHONY	08/31/2009										
Gregory BORSINGER	09/14/2009										
RECEIVING PARTY DATA											
Name:	H R D CORPORATION										
Street Address:	P.O. Drawer 450267										
City:	Houston										
State/Country:	TEXAS										
Postal Code:	77245										
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>13495954</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13495954						
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Application Number:	13495954										
CORRESPONDENCE DATA											
Fax Number:	(713)226-6398										
Phone:	713-226-6515										
Email:	patmail@porterhedges.com										
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>											
Correspondent Name:	Timothy S. Westby										
Address Line 1:	PORTER HEDGES LLP										
Address Line 2:	P.O. Box 4078										
Address Line 4:	Houston, TEXAS 77210-4078										
ATTORNEY DOCKET NUMBER:	011788-6413										
NAME OF SUBMITTER:	Timothy S. Westby										

CH \$40.00 13495954

Total Attachments: 5

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ASSIGNMENT

IN CONSIDERATION OF TEN DOLLARS (\$10.00) cash in hand paid to us by **HRD CORPORATION**, and other valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we, **Abbas Hassan, Aziz Hassan, Rayford G. Anthony, and Gregory Borsinger**, ("ASSIGNORS"), having made an invention in "*Gasification of Carbonaceous Materials*", do hereby ASSIGN, SELL and CONVEY to said **HRD CORPORATION**, a corporation having a business address of P. O. Drawer 450267, Houston, Texas 77245 ("ASSIGNEE"), its successors and assigns, the entire right, title and interest throughout the world in and to:

1. Said invention in **Gasification of Carbonaceous Materials**;
2. United States of America Patent Application Serial No. 61/231,261, filed on August 4, 2009, Attorney's File No. 2658-06400; entitled **Gasification of Carbonaceous Materials**;
3. All applications for patent or like protection on said invention that have now been or may in the future be made by us or our legal representatives, including any continuation, continuation-in-part and any other utility applications that may be based on this invention, whether in the United States of America or any other place anywhere in the world;
4. All patents and like protection that have now been or may in the future be granted on said invention to us or our legal representatives, whether in the United States of America or in any other country or place anywhere in the world;
5. All substitutions for and divisions, continuations, continuations-in-part, renewals, reissues, extensions, and the like of said applications and patents and like grants, including without limitation, those obtained or permissible under past, present and future laws and statutes;
6. All rights of action on account of past, present and future unauthorized use of said invention and for infringement of said patents and like protection;
7. The right in ASSIGNEE to file in its name applications for patents and like protection for said invention in any country or countries foreign to the United States; and
8. All international rights of priority associated with said invention, applications, patents and like protection;

ASSIGNOR

Date: 5/12/2010 [Signature]
Aziz HASSAN

THE STATE OF TEXAS §
 §
COUNTY OF HARRIS §

BEFORE ME, the undersigned authority, on this day personally appeared Aziz Hassan, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 12th day of May, 2010. SM

[SEAL]

[Signature]
Notary Public in and for
the State of Texas

My Commission Expires:
11-16-11



ASSIGNOR

Date: 8/31/09

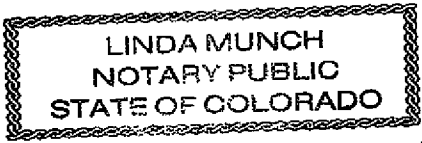
Rayford G. Anthony
Rayford G. ANTHONY

THE STATE OF Colorado §
 §
COUNTY OF La Plata §

BEFORE ME, the undersigned authority, on this day personally appeared Rayford G. Anthony, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 31st day of August, 2009.

[SEAL]



L Munch
Notary Public in and for
the State of Colorado

My Commission Expires:
2012

ASSIGNOR

Date: 9/14/09

Gregory E. Borsinger
Gregory E. BORSINGER

THE STATE OF New Jersey §
 §
COUNTY OF Morris §

BEFORE ME, the undersigned authority, on this day personally appeared **Gregory E. Borsinger**, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 14th day of September, 2009.

[S E A L]

Kathleen M. Rex
Notary Public in and for
the State of New Jersey

My Commission Expires:

KATHLEEN M. REX
Notary Public of New Jersey 2028141
My Commission Expires May 6, 2012
