

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Abbas HASSAN	08/02/2010
Aziz HASSAN	08/02/2010
Gregory G. BORSINGER	02/15/2010
Krishnan VISWANATHAN	02/16/2010
Rayford G. ANTHONY	02/22/2010
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	
Property Type	Number
Application Number:	12628795
CORRESPONDENCE DATA	
Fax Number:	(713)238-8008
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	713.238.8000
Email:	twestby@conleyrose.com
Correspondent Name:	Timothy S. Westby
Address Line 1:	CONLEY ROSE, P.C.
Address Line 2:	P.O. Box 3267
Address Line 4:	Houston, TEXAS 77253-3267
ATTORNEY DOCKET NUMBER:	2658-02509
NAME OF SUBMITTER:	Timothy S. Westby

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**PATENT
 REEL: 024822 FRAME: 0361**

Total Attachments: 6

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ASSIGNMENT

IN CONSIDERATION OF TEN DOLLARS (\$10.00) cash in hand paid to us by **H R D CORPORATION**, and other valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we, **Abbas HASSAN, Aziz HASSAN, Gregory G. BORSINGER, Krishnan VISWANATHAN, and Rayford G. ANTHONY**, (“ASSIGNORS”), having made an invention in “*High Shear Process Oxidation of Cyclohexane*”, do hereby ASSIGN, SELL and CONVEY to said **H R D CORPORATION**, a corporation having a business address of 14549 Minetta, Houston, Texas 77035 (“ASSIGNEE”), its successors and assigns, the entire right, title and interest throughout the world in and to:

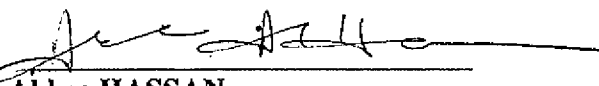
1. Said invention in **High Shear Process Oxidation of Cyclohexane**;
2. United States of America continuation-in-part application Serial No. 12/628,795 filed on December 1, 2009, Attorney’s File No. 2658-02509; entitled **High Shear Process Oxidation of Cyclohexane**;
3. United States of America divisional application Serial No. 12/411,660 filed on March 26, 2009, Attorney’s File No. 2658-02504; entitled **High Shear Process Oxidation of Cyclohexane**;
4. Patent Cooperation Treaty Patent Application Serial No. PCT/US2008/067242, filed June 17, 2008, Attorney’s File No. 2658-02502; entitled **High Shear Process Oxidation of Cyclohexane**;
5. United States of America conversion application Serial No. 12/138,279 filed on June 12, 2008, Attorney’s File No. 2658-02501; entitled **High Shear Process Oxidation of Cyclohexane**;
6. United States of America provisional application Serial No. 60/946,584 filed on June 27, 2007, Attorney’s File No. 2658-02500; entitled **High Shear Process Oxidation of Cyclohexane**;
7. 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;
8. 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;

- 9. 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;
- 10. 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;
- 11. 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
- 12. All international rights of priority associated with said invention, applications, patents and like protection;

and we covenant that we, and our heirs, legal representatives, assigns, administrators, and executors, will, at the expense of ASSIGNEE, its successors and assigns, execute all papers and perform such other acts as may be reasonably necessary to give ASSIGNEE, its successors and assigns, the full benefit of this Assignment.

EXECUTED at _____ on the date indicated below, opposite our signatures.

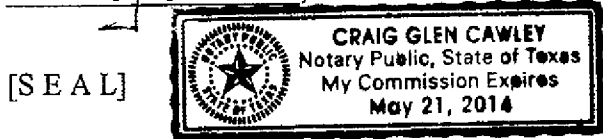
Date: August 2, 2010

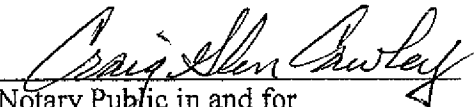
ASSIGNOR

 Abbas HASSAN

THE STATE OF TEXAS §
 COUNTY OF Harris §

BEFORE ME, the undersigned authority, on this day personally appeared Abbas 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 2nd day of August, 2010.




 Notary Public in and for
 the State of Texas

My Commission Expires:
May 21, 2014

ASSIGNOR

Date: August 2, 2010

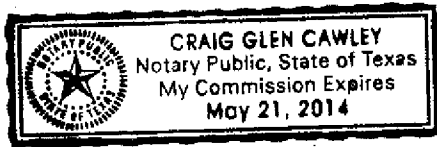
Aziz Hassan
Aziz/HASSAN

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 2nd day of August, 2010.

[SEAL]



Craig Glen Cawley
Notary Public in and for
the State of Texas

My Commission Expires:
May 21, 2014

ASSIGNOR

Date: 2/15/2010

Gregory G. Borsinger
Gregory G. BORSINGER

THE STATE OF NJ §
COUNTY OF Morris §
§

BEFORE ME, the undersigned authority, on this day personally appeared **Gregory G. Borsinger** known to me to be the person whose name is subscribed to the forgoing 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 15th day of Feb., 2010.

[SEAL]

Nadia Minetti
Notary Public in and for
the State of NJ

My Commission Expires:

NADIA MINETTI
Notary Public of New Jersey
Morris County
My Commission Expires Nov. 15, 2011

NADIA MINETTI
Notary Public of New Jersey
Morris County
My Commission Expires Nov. 15, 2011

ASSIGNOR

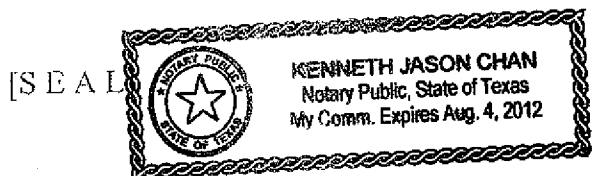
Date: Feb 16, 2010

Krishnan Viswanathan
Krishnan VISWANATHAN

THE STATE OF Texas §
COUNTY OF Harris §

BEFORE ME, the undersigned authority, on this day personally appeared **Krishnan Viswanathan** 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 16th day of FEBRUARY, 2010.



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

My Commission Expires:
08/4/2012

ASSIGNOR

Date: 2/22/10

Rayford G. Anthony
Rayford G. ANTHONY

THE STATE OF Texas §
COUNTY OF Harris §

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 22nd day of Feb, 2010.



Amir Ali Hassan
Notary Public in and for
the State of TX

My Commission Expires:
05/09/13
