

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Umesh Prasad	07/16/2009
Mark Dykstra	10/12/2009
Paul E. Pastusek	10/12/2009
Michael L. Doster	10/06/2009
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Baker Hughes Incorporated
<b>Street Address:</b>	2929 Allen Parkway
<b>Internal Address:</b>	Suite 2100
<b>City:</b>	Houston
<b>State/Country:</b>	TEXAS
<b>Postal Code:</b>	77019-2118
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12502754
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(713)437-5346
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	713-223-2300
<b>Email:</b>	docketing@bglp.com
<b>Correspondent Name:</b>	BRACEWELL & GIULIANI LLP
<b>Address Line 1:</b>	P.O. BOX 61389
<b>Address Line 4:</b>	HOUSTON, TEXAS 77208-1389
<b>ATTORNEY DOCKET NUMBER:</b>	9001RF.045276 (024-44262)
<b>NAME OF SUBMITTER:</b>	Denver S. Bisignano

OP \$40.00 12502754

Total Attachments: 5

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**ASSIGNMENT**

WHEREAS, Umesh Prasad, whose address is 28814 Waltham St., Spring, TX 77386, Mark W. Dykstra, whose address is 3735 Palmetto Creek Drive, Kingwood, TX 77339, Paul E. Pastusek, whose address is 10 Candle Pine Place, The Woodlands, TX 77381, and Michael L. Doster, whose address is 1327 Chesterpoint Drive, Spring, TX 77386, (hereinafter referred to as "ASSIGNORS"), have made certain improvements or inventions in a Non-Provisional Patent Application titled "System, Program Product, and Related Methods for Bit Design Optimization and Selection," which claims priority to and the benefit of U.S. Provisional Patent Application No. 61/080,594, filed with the U.S. Patent and Trademark Office on July 14, 2008, for which ASSIGNORS have executed the patent application with the United States Patent and Trademark Office on July 14, 2009, as U.S. Non-Provisional Patent Application No. 12/502,754 (hereinafter "U.S. Patent Applications"); and

WHEREAS, BAKER HUGHES INCORPORATED, a corporation of the State of Delaware, having a principal place of business at 2929 Allen Parkway, Suite 2100, Houston, Texas 77019-2118, (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the same.

NOW, THEREFORE, This Indenture Witnesseth: That for good and valuable consideration, receipt whereof is hereby acknowledged, said ASSIGNORS do hereby sell, assign and transfer to said ASSIGNEE, its successors and assigns, all right, title and interest in and to said U.S. Patent Applications set forth above, the invention or inventions therein shown and described and any improvements on said invention heretofore or hereafter made, any divisions, continuations, or continuations-in-part of said U.S. Patent Applications, and all patents, United States and foreign, to be granted upon any such applications or for the invention or inventions thereof, any reissues, reexaminations, continuations, continuations-in-part, or extensions of said patents, and all rights for past infringement related to any patents issued or to be issued thereon; and said ASSIGNORS do hereby authorize and request the Commissioner of Patents to issue all patents on said U.S. Patent Applications or for the invention or inventions hereof, in accordance with this assignment.

And said ASSIGNORS for said consideration hereby covenant and agree that said ASSIGNORS are the owners of the full title herein conveyed and have the right to convey the

same, and agree that said ASSIGNORS will communicate to said ASSIGNEE any facts known to said ASSIGNORS respecting said invention or inventions, and testify in any legal proceedings when called upon by said ASSIGNEE, sign all lawful papers deemed by said ASSIGNEE as expedient to vest in it the legal title herein sought to be conveyed or for the filing and prosecution of all applications and patents, United States and foreign, including any disclaimers related thereto, and otherwise aid said ASSIGNEE, its successors and assigns, in obtaining full patent protection on said invention and enforcing proper protection under said patents, but in every instance at the ASSIGNEE's expense.

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 16<sup>th</sup> day of July, 2009.

*Umesh Prasad*

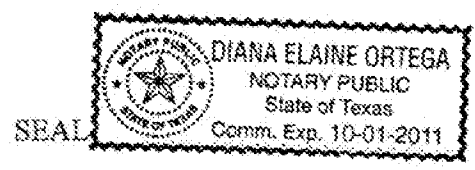
Umesh Prasad

STATE OF TEXAS

§  
§  
§

COUNTY OF HARRIS

On this 16 day of July, 2009, before me personally appeared the above named **ASSIGNOR**, Umesh Prasad, to me personally known/provided identification as the individual who executed the foregoing assignment, and who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.



*Diana Elaine Ortega*  
Notary Public  
My commission expires 10-01-2011

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 12 day of October, 2009.

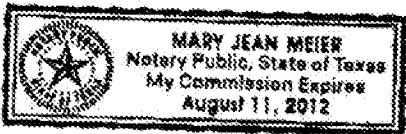
Mark Dykstra  
Mark Dykstra

STATE OF TEXAS           §  
  §  
COUNTY OF HARRIS       §

On this 12 day of October, 2009, before me personally appeared the above named ASSIGNOR, Mark Dykstra, to me personally known/provided identification as the individual who executed the foregoing assignment, and who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

Mary Jean Meier  
Notary Public  
My commission expires: 8/11/12

SEAL

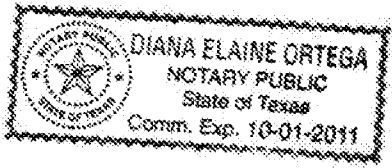


IN WITNESS WHEREOF, I have hereunto set my hand and seal this 12<sup>th</sup> day of October, 2009.

*Paul E. Pastusek*  
Paul E. Pastusek

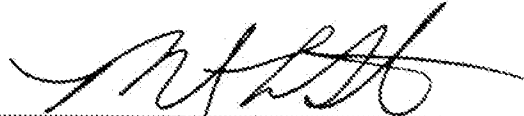
STATE OF TEXAS                   §  
   §  
COUNTY OF HARRIS           §

On this 12 day of October, 2009, before me personally appeared the above named **ASSIGNOR**, Paul E. Pastusek, to me personally known/provided identification as the individual who executed the foregoing assignment, and who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

SEAL 

*Diana Elaine Ortega*  
Notary Public  
My commission expires: 10-01-2011

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 6<sup>th</sup> day of October, 2009.

  
\_\_\_\_\_  
Michael L. Doster

  
\_\_\_\_\_  
Witness  
KARLOS CEPEDA

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