

# PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
Name	Execution Date
Lirio Quintero	06/08/2010
David E. Clark	06/29/2010
Antonio Enrique Cardenas	06/09/2010
Hartley H. Downs	07/14/2010
Christopher T. Gallagher	06/17/2010
<b>RECEIVING PARTY DATA</b>	
Name:	Baker Hughes Incorporated
Street Address:	2929 Allen Parkway
Internal Address:	Suite 2100
City:	Houston
State/Country:	TEXAS
Postal Code:	77019-2118
<b>PROPERTY NUMBERS Total: 1</b>	
Property Type	Number
Application Number:	12780591
<b>CORRESPONDENCE DATA</b>	
Fax Number:	(281)404-4468
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	281-404-4859
Email:	lbrevard@mktlaw.us.com
Correspondent Name:	Mossman Kumar & Tyler PC
Address Line 1:	P.O. Box 421239
Address Line 4:	Houston, TEXAS 77242
ATTORNEY DOCKET NUMBER:	EMF4-46912-US
NAME OF SUBMITTER:	David L. Mossman

CH \$40.00 12780591

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**PATENT**  
**REEL: 024731 FRAME: 0355**

**Total Attachments: 4**

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**ASSIGNMENT**

IN CONSIDERATION OF ONE (1) DOLLAR AND OTHER GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do/does hereby:

SELL, ASSIGN AND TRANSFER to **BAKER HUGHES INCORPORATED**, having a place of business at **2929 ALLEN PARKWAY, SUITE 2100, HOUSTON, TEXAS 77019-2118**, the entire right, title and interest for the United States and all foreign countries in and to any and all inventions and improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned and is entitled "**Liquid Crystals for Drilling, Completion and Production Fluids**," further identified as United States Application Serial No.: **12/780,591**, filed **May 14, 2010**, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such inventions or improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such inventions or improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND HEREBY REQUEST the issuing authorities to issue any and all United States and foreign patents granted on such inventions or improvements to **BAKER HUGHES INCORPORATED**;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purposes of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

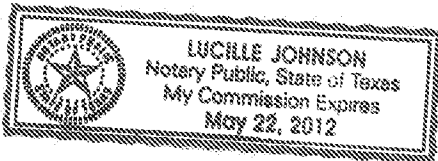
TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

IN WITNESS WHEREOF, the undersigned have hereunto subscribed their names on the date set opposite their signatures.

(Signature) Lirio Quintero Date 06-08-2010  
 Name: **Lirio Quintero**

§  
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BEFORE ME, on this 8 day of June, 2010 personally appeared, **Lirio Quintero**, the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.



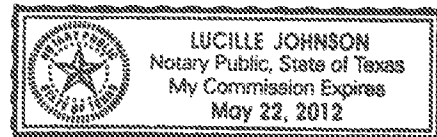
Lucille Johnson  
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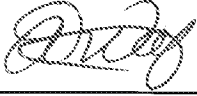
(Signature) David E. Clark Date 29 June 2010  
 Name: **David E. Clark**

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BEFORE ME, on this 29 day of June, 2010 personally appeared, **David E. Clark**, the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

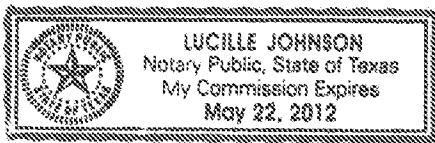
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(Signature)  Date June, 9<sup>th</sup>, 2010  
 Name: **Antonio Enrique Cardenas**

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BEFORE ME, on this 9 day of June, 2010 personally appeared, **Antonio Enrique Cardenas**, the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.



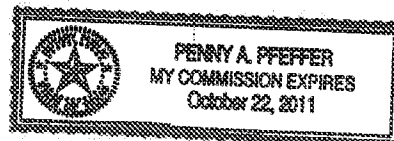
  
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(Signature)  Date July 14, 2010  
 Name: **Hartley H/ Downs**

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BEFORE ME, on this 14<sup>th</sup> day of July, 2010 personally appeared, **Hartley H. Downs**, the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

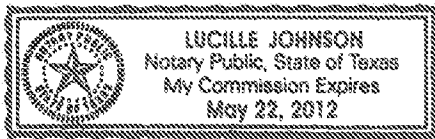
  
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(Signature) Christopher T. Gallagher Date 6/17/10  
Name: **Christopher T. Gallagher**

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BEFORE ME, on this 17 day of June, 2010 personally appeared, **Christopher T. Gallagher**, the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.



Lucille Johnson  
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