

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Matthias Meister	02/16/2010
Wolfgang Eduard Herberg	02/16/2010
Gunnar Bothmann	02/16/2010
Joachim Treviranus	02/17/2010
Carsten Freyer	02/22/2010
Hans-Robert Oppelaar	02/17/2010
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	BAKER HUGHES INCORPORATED
<b>Street Address:</b>	2929 Allen Parkway, 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>	12689452
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(281)404-4468
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	281-404-4859
<b>Email:</b>	docket@mktlaw.us.com
<b>Correspondent Name:</b>	MOSSMAN, KUMAR & TYLER, PC
<b>Address Line 1:</b>	2000 West Sam Houston Parkway South
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<b>Address Line 4:</b>	Houston, TEXAS 77042
<b>ATTORNEY DOCKET NUMBER:</b>	DRL4-48439-US

CH \$40.00 12689452

**501098459**

**PATENT  
 REEL: 023968 FRAME: 0404**

NAME OF SUBMITTER:

Chandran D. Kumar

**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 "**HOLE ENLARGEMENT DRILLING DEVICE AND METHODS FOR USING SAME**," further identified as United States Application Serial No.: **12/689452**, filed **January 19, 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) *Matthias Meister* Date 16. Feb. 2010  
Name: **Matthias Meister**

§  
§

BEFORE ME, on this 16 day of February, 2010 personally appeared, **Matthias Meister**, 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.

*[Signature]*  
NOTARY PUBLIC / WITNESS

(Signature) *Wolfgang Eduard Herberg* Date 16. Febr. 2010  
Name: **Wolfgang Eduard Herberg**

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BEFORE ME, on this 16 day of February, 2010 personally appeared, **Wolfgang Eduard Herberg**, 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.

*[Signature]*  
NOTARY PUBLIC / WITNESS

(Signature) *Gunnar Bothmann* Date Feb-16-2010  
Name: **Gunnar Bothmann**

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BEFORE ME, on this 16 day of February, 2010 personally appeared, **Gunnar Bothmann**, 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.

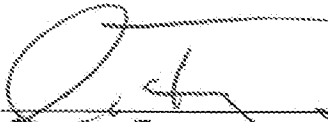
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NOTARY PUBLIC /WITNESS

(Signature) *J. Treviranus* Date 17.02.2010  
Name: **Joachim Treviranus**

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BEFORE ME, on this 17 day of February, 2010 personally appeared, **Joachim Treviranus**, 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.

*Vincent Motta*  
NOTARY PUBLIC /WITNESS

(Signature)  Date 22.Feb.2010  
Name: Carsten Freyer

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BEFORE ME, on this 22 day of Feb., 2010 personally appeared, **Carsten Freyer**, 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.

  
NOTARY PUBLIC/WITNESS

(Signature)  Date 17 Feb 2010  
Name: Hans-Robert Oppelaar

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BEFORE ME, on this 17 day of Feb, 2010 personally appeared, **Hans-Robert Oppelaar**, 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.

  
NOTARY PUBLIC/WITNESS