

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2678080

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>ANDREAS HOHL</td> <td>11/05/2013</td> </tr> <tr> <td>MATHIAS TERGEIST</td> <td>11/05/2013</td> </tr> <tr> <td>HATEM OUESLATI</td> <td>11/05/2013</td> </tr> <tr> <td>CHRISTIAN HERBIG</td> <td>11/05/2013</td> </tr> <tr> <td>JAYESH R. JAIN</td> <td>11/14/2013</td> </tr> <tr> <td>HANNO RECKMANN</td> <td>11/05/2013</td> </tr> <tr> <td>LANCE A. ENDRES</td> <td>01/07/2014</td> </tr> </tbody> </table>		Name	Execution Date	ANDREAS HOHL	11/05/2013	MATHIAS TERGEIST	11/05/2013	HATEM OUESLATI	11/05/2013	CHRISTIAN HERBIG	11/05/2013	JAYESH R. JAIN	11/14/2013	HANNO RECKMANN	11/05/2013	LANCE A. ENDRES	01/07/2014
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<table border="1"> <tr> <td>Name:</td> <td>BAKER HUGHES INCORPORATED</td> </tr> <tr> <td>Street Address:</td> <td>2929 ALLEN PARKWAY, SUITE 2100</td> </tr> <tr> <td>City:</td> <td>HOUSTON</td> </tr> <tr> <td>State/Country:</td> <td>TEXAS</td> </tr> <tr> <td>Postal Code:</td> <td>77019-2118</td> </tr> </table>		Name:	BAKER HUGHES INCORPORATED	Street Address:	2929 ALLEN PARKWAY, SUITE 2100	City:	HOUSTON	State/Country:	TEXAS	Postal Code:	77019-2118						
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CORRESPONDENCE DATA																	
Fax Number:	(860)286-0115																
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Email:	usptopatentmail@cantorcolburn.com																
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>																	
Correspondent Name:	CANTOR COLBURN LLP- BAKER HUGHES INCORPO																
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Address Line 2:	22ND FLOOR																
Address Line 4:	HARTFORD, CONNECTICUT 06103																
ATTORNEY DOCKET NUMBER:	DDE4-56105-US(INT0565US)																

PATENT

NAME OF SUBMITTER:	MARK F. SAMEK
Signature:	/Mark F. Samek/
Date:	01/13/2014
<p>Total Attachments: 8</p> <p>source=6ZE6074#page1.tif</p> <p>source=6ZE6074#page2.tif</p> <p>source=6ZE6074#page3.tif</p> <p>source=6ZE6074#page4.tif</p> <p>source=6ZE6074#page5.tif</p> <p>source=6ZE6074#page6.tif</p> <p>source=6ZE6074#page7.tif</p> <p>source=6ZE6074#page8.tif</p>	

## PATENT APPLICATION ASSIGNMENT

WHEREAS, WE, **Andreas Hohl, Mathias Tergeist, Hatem Oueslati, Christian Herbig, Jayesh R. Jain, Hanno Reckmann and Lance A. Endres**, have invented new and useful improvements in METHOD TO MITIGATE BIT INDUCED VIBRATIONS BY INTENTIONALLY MODIFYING MODE SHAPES OF DRILL STRINGS BY MASS OR STIFFNESS CHANGES for which we have filed as United States Patent Application 14/070,130 filed on November 1, 2013:

WHEREAS, Baker Hughes Incorporated, a corporation of the State of Delaware, having a correspondence address of 2929 Allen Parkway, Suite 2100, Houston, Texas 77019-2118, is desirous of acquiring our entire right, title and interest in said application and our Letters Patent which may issue thereon.

NOW, THEREFORE, it be known by all whom it may concern that for and in consideration of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and other good and valuable consideration, We hereby assign to said corporation, both in and for the territory of the United States of America and the entire world, all our title and interest in and to said invention, patent application and any patent which may issue thereon, including all divisions, continuations, reissues, continuations-in-part and substitutions thereof, plus all priority rights for patent applications foreign to the United States of America. We further hereby assign and transfer to said corporation whatever cause of action We may have for past or present infringement of said invention, together with the right to bring suit for any such infringement and to seek and receive damages and other relief arising from any such infringement.

WE HEREBY covenant and agree that We will at any time, upon the request of said corporation, execute and deliver any and all papers and do all lawful acts that may be necessary or desirable to perfect the title to said invention, applications and patents, and We authorize the Commissioner of Patents and Trademarks to issue Letters patent to said corporation.

Inventor 1

  
Andreas Hohl

Date: 11/05/13

STATE OF

SS.

COUNTY OF

This 5 day of November, 2013 before me personally came the above-named **Andreas Hohl**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

  
Notary Public/Witness

Inventor 2

M. Tergeist  
Mathias Tergeist

Date: 11/05/13

STATE OF

ss.

COUNTY OF

This 05 day of NOVEMBER, 2013 before me personally came the above-named Mathias Tergeist, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

W. Ennen

Notary Public/Witness

Inventor 3

  
\_\_\_\_\_  
Hatem Oueslati

Date: 11/05/13

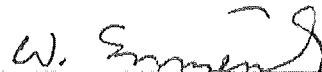
STATE OF

ss.

COUNTY OF

This 05 day of NOVEMBER, 2013 before me personally came the above-named **Hatem Oueslati**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

  
\_\_\_\_\_

Notary Public/Witness

Inventor 4

C. Herbig  
Christian Herbig

Date: 05. Nov. 2013

STATE OF

SS.

COUNTY OF

This 05. day of November, 2013 before me personally came the above-named **Christian Herbig**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

W. Emmersen  
Notary Public/Witness s

Inventor 5

*Jayesh R. Jain*  
Jayesh R. Jain

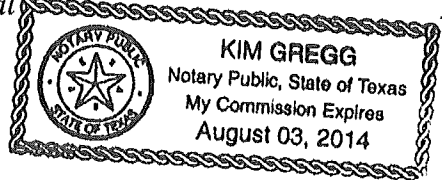
Date: 14-NOV-13

STATE OF Texas

COUNTY OF Montgomery ss.

This 14 day of NOV, 2013 before me personally came the above-named **Jayesh R. Jain**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal




*Kim Gregg*

Notary Public/Witness



Inventor 6

  
Hanno Reckmann

Date: 11/05/13

STATE OF

SS.

COUNTY OF

This 5 day of November, 2013 before me personally came the above-named **Hanno Reckmann**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

  
Notary Public/Witness

Inventor 7

Lance A. Endres

Date: 1-7-2014

Lance A. Endres

STATE OF Texas

COUNTY OF Montgomery<sup>SS.</sup>

This 7<sup>th</sup> day of January, 2014 before me personally came the above-named **Lance A. Endres**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal



Sarah Ann Cole  
Notary Public/Witness