

PATENT ASSIGNMENT

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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>Ghazi J. Hashem</td> <td>04/09/2012</td> </tr> <tr> <td>David Brunnert</td> <td>03/27/2012</td> </tr> <tr> <td>John W. Kochera</td> <td>04/03/2012</td> </tr> <tr> <td>Mark Mitchell</td> <td>04/13/2012</td> </tr> <tr> <td>Melissa A. Frilot</td> <td>05/03/2012</td> </tr> <tr> <td>Thomas M. Redlinger</td> <td>03/27/2012</td> </tr> </tbody> </table>		Name	Execution Date	Ghazi J. Hashem	04/09/2012	David Brunnert	03/27/2012	John W. Kochera	04/03/2012	Mark Mitchell	04/13/2012	Melissa A. Frilot	05/03/2012	Thomas M. Redlinger	03/27/2012
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RECEIVING PARTY DATA															
Name:	Weatherford/Lamb, Inc.														
Street Address:	515 Post Oak Boulevard														
Internal Address:	Suite 600														
City:	Houston														
State/Country:	TEXAS														
Postal Code:	77027														
PROPERTY NUMBERS Total: 1															
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13413311</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13413311										
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Application Number:	13413311														
CORRESPONDENCE DATA															
Fax Number:	(713)651-2700														
Phone:	713-651-2600														
Email:	patentdocket@winston.com														
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>															
Correspondent Name:	Jade O. Laye														
Address Line 1:	1111 Louisiana St.														
Address Line 2:	25th Floor														
Address Line 4:	Houston, TEXAS 77002														

CH \$40.00 13413311

ATTORNEY DOCKET NUMBER:	170001-13411
NAME OF SUBMITTER:	Jade O. Laye
Total Attachments: 7 source=17000113411Assignment#page1.tif source=17000113411Assignment#page2.tif source=17000113411Assignment#page3.tif source=17000113411Assignment#page4.tif source=17000113411Assignment#page5.tif source=17000113411Assignment#page6.tif source=17000113411Assignment#page7.tif	

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do hereby:

SELL, ASSIGN AND TRANSFER to Weatherford/Lamb, Inc. (the "Assignee"), having a place of business at 515 Post Oak Boulevard, Suite 600, Houston, Texas 77027, the entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in U.S. Non Provisional Patent Application Ser. No. 13/413,311 filed on March 6, 2012 and is entitled "**REPAIRED WEAR AND BUCKLE RESISTANT DRILL PIPE AND RELATED METHODS**" such application, its corresponding non-provisional patent 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 improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such 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 REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

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 purpose 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.

Signature: *Mr. Hashem*
Name: GHAZI J. HASHEM

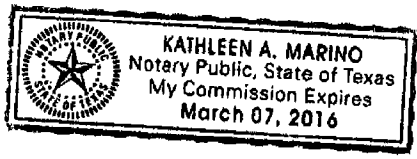
Date: 4/9/2012

STATE OF TEXAS)
COUNTY OF Harris) ss.

BEFORE ME, the undersigned authority, on this 9th day of April, 2012, personally appeared GHAZI J. HASHEM, known to me to be 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.

Kathleen A. Marino
Notary or Consular Officer

[SEAL]



Signature:

David Brunnert

Name: DAVID BRUNNERT

Date:

27 MAR 12

STATE OF TEXAS)

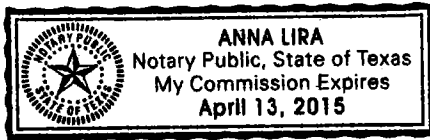
COUNTY OF Harris) ss.

BEFORE ME, the undersigned authority, on this 27th day of March, 2012, personally appeared DAVID BRUNNERT, known to me to be 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.

Anna Lira

Notary or Consular Officer

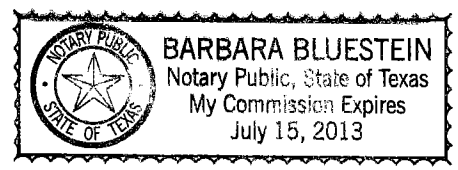
[SEAL]



Signature: John W. Kochera
Name: JOHN W. KOCHERA

Date: 4/3/2012

STATE OF TEXAS)
COUNTY OF Montgomery) ss.



BEFORE ME, the undersigned authority, on this 3 day of April, 2012, personally appeared JOHN W. KOCHERA, known to me to be 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 or Consular Officer

[SEAL]

Signature: *Mark Mitchell*
Name: MARK MITCHELL

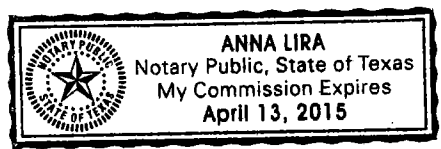
Date: 04-12-2012

STATE OF TEXAS)
) ss.
COUNTY OF _____)

BEFORE ME, the undersigned authority, on this 13th day of April, 2012, personally appeared MARK MITCHELL, known to me to be 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.

Anna Lira
Notary or Consular Officer

[SEAL]



Signature: [Signature]
Name: THOMAS M. REDLINGER

Date: 3-20-2012

STATE OF TEXAS)
COUNTY OF HARRIS) ss.

BEFORE ME, the undersigned authority, on this 27th day of March, 2011, personally appeared THOMAS M. REDLINGER, known to me to be 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 or Consular Officer

[SEAL]

