

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>Marian L. MORYS</td> <td>06/10/2010</td> </tr> <tr> <td>Sergei KNIZHNIK</td> <td>06/14/2010</td> </tr> <tr> <td>Rebecca C. JACHMANN</td> <td>06/10/2010</td> </tr> <tr> <td>Robert EPSTEIN</td> <td>06/10/2010</td> </tr> </tbody> </table>		Name	Execution Date	Marian L. MORYS	06/10/2010	Sergei KNIZHNIK	06/14/2010	Rebecca C. JACHMANN	06/10/2010	Robert EPSTEIN	06/10/2010
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Marian L. MORYS	06/10/2010										
Sergei KNIZHNIK	06/14/2010										
Rebecca C. JACHMANN	06/10/2010										
Robert EPSTEIN	06/10/2010										
RECEIVING PARTY DATA											
Name:	Halliburton Energy Services, Inc.										
Street Address:	10200 Bellaire Boulevard										
Internal Address:	Intellectual Property Department										
City:	Houston										
State/Country:	TEXAS										
Postal Code:	77072										
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>13519647</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13519647						
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Application Number:	13519647										
CORRESPONDENCE DATA											
Fax Number:	(888)712-9587										
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Correspondent Name:	KRUEGER ISELIN LLP (1391)										
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ATTORNEY DOCKET NUMBER:	1391-803.03										
NAME OF SUBMITTER:	DAN KRUEGER										

OP \$40.00 13519647

Total Attachments: 5

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ASSIGNMENT

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that the undersigned inventor(s), for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, MARIAN L. MORYS, SERGEI KNIZHNIK, REBECCA C. JACHMANN, and ROBERT EPSTEIN, having made an invention in "NUCLEAR MAGNETIC RESONANCE LOGGING TOOL HAVING AN ARRAY OF ANTENNAS" while in the employ of HALLIBURTON ENERGY SERVICES, INC., a corporation organized and existing under the laws of the State of Delaware, doing business at 10200 Bellaire Boulevard, Houston, Texas 77072, (sometimes hereinafter called "ASSIGNEE"), do hereby ASSIGN, SELL and CONVEY to said ASSIGNEE, its successors and assigns, the entire right, title and interest throughout the world in and to:

1. Said invention in "NUCLEAR MAGNETIC RESONANCE LOGGING TOOL HAVING AN ARRAY OF ANTENNAS";

2. The International PCT Patent Application on said invention, filed concurrently herewith or as PCT Patent Application No. PCT/US10/38844 filed June 16, 2010, (Attorney's File No. 1391-803.00); attorney is authorized to fill in the application number and filing date after the USPTO assigns them), entitled "NUCLEAR MAGNETIC RESONANCE LOGGING TOOL HAVING AN ARRAY OF ANTENNAS";

3. All applications for patent or like protection on said invention that have now been or may in the future be made by us or our legal representatives, whether in the United States of America or any other place anywhere in the world;

4. All patents and like protection that have now been or may in the future be granted on said invention to us or our legal representatives, whether in the United States of America or in any other country or place anywhere in the world;

5. All substitutions for and divisions, continuations, continuations-in-part, renewals, reissues, extensions, and the like of said applications and patents and like grants, including without limitations, those obtained or permissible under past, present and future law and statutes;

6. All rights of action on account of past, present and future unauthorized use of said invention for infringement of said patents and like protection;

7. The right to ASSIGNEE to file in its name applications for patents and like protection for said invention in any country or countries foreign to the United States; and

8. All international rights of priority associated with said invention, applications, patents and like protection; and

I (or We) covenant that I (or We), my (our) heirs, legal representatives, assigns, administrators, and executors will at the expense of ASSIGNEE, its successors and assigns, execute all papers and perform such other acts as may be reasonably necessary to give ASSIGNEE, its successors and assigns, the full benefit of this Assignment.

EXECUTED at Chester County, ^{Pennsylvania} ~~Texas~~, on the 10 day of June, 2010.

M. Morys
MARIAN L. MORYS

STATE OF Pennsylvania §
COUNTY OF Chester §

BEFORE ME, the undersigned authority, on this day personally appeared MARIAN L. MORYS, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER my hand and seal of office, this the 10th day of June, 2010.

[SEAL] COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Ruth E. Loughran, Notary Public
Upper Uwchlan Twp., Chester County
My Commission Expires May 14, 2014
Member, Pennsylvania Association of Notaries

Ruth E. Loughran
Notary Public

My Commission Expires:

EXECUTED at Chesler County, ^{Pennsylvania} Texas, on the 14th day of June, 2010.

[Signature]
SERGEI KNIZHNIK

STATE OF Pennsylvania §
COUNTY OF CHESTER §

BEFORE ME, the undersigned authority, on this day personally appeared SERGEI KNIZHNIK, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER my hand and seal of office, this the 14 day of June, 2010.

[Signature]
Notary Public

[SEAL]

COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Ruth E. Loughran, Notary Public
Upper Uwchlan Twp., Chester County
My Commission Expires May 14, 2014
Member, Pennsylvania Association of Notaries

My Commission Expires:

EXECUTED at Chester County, ~~Texas~~ ^{Pennsylvania}, on the 10 day of June, 2010.

Rebecca C. Jachmann
REBECCA C. JACHMANN

STATE OF Pennsylvania §
COUNTY OF Chester §

BEFORE ME, the undersigned authority, on this day personally appeared REBECCA C. JACHMANN, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER my hand and seal of office, this the 10th day of June, 2010.

Ruth E. Loughran
Notary Public

[SEAL]

COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Ruth E. Loughran, Notary Public
Upper Uwchlan Twp., Chester County
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My Commission Expires:

EXECUTED at Chester County, Pennsylvania Texas, on the 10 day of June, 2010.

[Signature]
ROBERT EPSTEIN

STATE OF Pennsylvania §
COUNTY OF Chester §

BEFORE ME, the undersigned authority, on this day personally appeared ROBERT EPSTEIN, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER my hand and seal of office, this the 10th day of June, 2010.

[Signature]
Notary Public

[SEAL]

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