

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>David Archibold Summers</td> <td>07/26/2012</td> </tr> <tr> <td>Klaus Hubert Woelk</td> <td>07/26/2012</td> </tr> <tr> <td>Grzegorz Galecki</td> <td>06/18/2012</td> </tr> </tbody> </table>		Name	Execution Date	David Archibold Summers	07/26/2012	Klaus Hubert Woelk	07/26/2012	Grzegorz Galecki	06/18/2012
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David Archibold Summers	07/26/2012								
Klaus Hubert Woelk	07/26/2012								
Grzegorz Galecki	06/18/2012								
RECEIVING PARTY DATA									
Name:	The Curators of the University of Missouri								
Street Address:	900 Innovation Drive, Suite 145								
Internal Address:	Office of Technology Commercialization and Economic Development								
City:	Rolla								
State/Country:	MISSOURI								
Postal Code:	65409								
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>12400507</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12400507				
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Application Number:	12400507								
CORRESPONDENCE DATA									
Fax Number:	9185841718								
Phone:	918-587-2000								
Email:	mkachigian@hjkllaw.com								
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ATTORNEY DOCKET NUMBER:	OAK776-00/08151A								
NAME OF SUBMITTER:	Mark G. Kachigian								
Total Attachments: 5									

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ASSIGNMENT

WHEREAS, DAVID ARCHIBOLD SUMMERS, a citizen of the United States, residing at 808 Cypress Drive, Rolla, Missouri 65401, KLAUS HUBERT WOELK, a citizen of Germany and permanent resident of the United States, residing at 306 Becca Drive, Rolla, Missouri 65401 and GRZEGORZ GALECKI, a citizen of the United States, residing at 10149 Cedar Ridge Drive, Rolla, Missouri 65401 (hereinafter called ASSIGNORS), have invented along with another, certain new and useful improvements in a **METHOD AND APPARATUS FOR JET-ASSISTED DRILLING OR CUTTING** which they made application for Letters Patent of the United States on March 9, 2009, the said application having been assigned U.S. Patent Application Serial No. 12/400,507;

WHEREAS, ASSIGNORS, the said inventors of said application, the invention described and claimed therein, have certain rights thereto; and

WHEREAS, THE CURATORS OF THE UNIVERSITY OF MISSOURI, a public corporation of the State of Missouri through its Office of Technology Commercialization and Economic Development, 900 Innovation Drive, Suite 145, Rolla, Missouri 65409 (hereinafter referred to as ASSIGNEE), are desirous of acquiring certain right, title and interest in and to the aforementioned invention, application, and in, to and under any and all Letters Patent of the United States and in any and all foreign countries thereof;

NOW, THEREFORE, this indenture witnesseth that for and in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS, the said inventors, have sold, assigned, transferred and set over and do hereby sell, assign, transfer and set over to the said ASSIGNEE, their interest in the said invention and application, and any and all divisions and continuations thereof, and any and all Letters Patent of the United States, its territorial possessions, and any and all foreign countries which may be granted

therefor, and any and all extensions, reissues or certificates of reexamination of said Letters Patent, including the right of priority and the subject matter of any and all claims which may be obtained in every such patent, the same to be held and enjoyed by the said ASSIGNEE for its own use and behoof, and for the use and behoof of its successors, assigns, or other legal representatives, to the end of the term or terms for which said Letters Patent of the United States, territories and foreign countries are or may be granted, extended, reissued, or reexamined as fully and entirely as same would have been held and enjoyed by ASSIGNOR, if this assignment and sale had not been made.

AND, ASSIGNORS hereby authorize and request the Commissioner of Patents to issue any and all Letters Patent of the United States on said invention, or resulting from said application, and from any and all divisions and continuations, extensions, reissues or reexaminations thereof to the said ASSIGNEE, and hereby covenant that they have full right to convey their interest therein assigned, and that they have not executed and will not execute any agreement in conflict therewith.

AND, ASSIGNORS further hereby covenant and agree that they will, at any time, upon request, at the expense of said ASSIGNEE, execute and deliver any and all papers that may be necessary or desirable, and that if said ASSIGNEE, its successors, assigns, or other legal representatives shall desire to file any divisional or continuation application, or to secure an extension, a reissue or certificate of reexamination of such Letters Patent, or to file a disclaimer relating thereto, will, upon request, sign all papers, make all rightful oaths, and do all acts requisite for the filing of such divisional or continuing application, or such application for extension, reissue or request for reexamination and procuring thereof, and for the filing of such disclaimers, without further compensation, but at the expense of said ASSIGNEE, its successors or other legal representatives.

communicate to said ASSIGNEE, its successors, assigns, or other legal representatives, at its expense, such facts relating to said invention and Letters Patent or the history thereof, as may be known to them, and testify as to the same in any interference or other litigation, when requested to do so.

IN WITNESS WHEREOF, We have hereunto set our hands.



DAVID ARCHIBOLD SUMMERS

STATE OF MISSOURI)
COUNTY OF Prepps)

SS: 488-60-2749

On this _____ day of _____, 2012, before me personally appeared David Archibold Summers, to me known to be the person described hereinabove who executed the foregoing Assignment, and who acknowledged to me that he executed the same for the reasons and purpose therein set forth.

My Commission Expires: _____

My Commission No.: _____

Notary Public

Seal


KLAUS HUBERT WOELK

STATE OF MISSOURI)
) SS: 353-86-2482
COUNTY OF _____)

On this ____ day of _____, 2012, before me personally appeared Klaus Hubert Woelk, to me known to be the person described hereinabove who executed the foregoing Assignment, and who acknowledged to me that he executed the same for the reasons and purpose therein set forth.

My Commission Expires: _____
My Commission No.: _____ Notary Public

Seal

GRZEGORZ GALECKI

STATE OF MISSOURI)
) SS:
COUNTY OF _____)

On this ____ day of _____, 2012, before me personally appeared Grzegorz Galecki, to me known to be the person described hereinabove who executed the foregoing Assignment, and who acknowledged to me that he executed the same for the reasons and purpose therein set forth.

My Commission Expires: _____
My Commission No.: _____ Notary Public

Seal

KLAUS HUBERT WOELK

STATE OF MISSOURI)
) SS:
COUNTY OF _____)

On this _____ day of _____, 2012, before me personally appeared Klaus Hubert Woelk, to me known to be the person described hereinabove who executed the foregoing Assignment, and who acknowledged to me that he executed the same for the reasons and purpose therein set forth.

My Commission Expires: _____
My Commission No.: _____

Notary Public

Seal

Grzegorz Galecki
GRZEGORZ GALECKI

STATE OF MISSOURI)
) SS:
COUNTY OF Phelps)

On this 18th day of June, 2012, before me personally appeared Grzegorz Galecki, to me known to be the person described hereinabove who executed the foregoing Assignment, and who acknowledged to me that he executed the same for the reasons and purpose therein set forth.

My Commission Expires: March 3, 2016
My Commission No.: 12381210

Patricia Leonard
Notary Public

Seal

