

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
John M Heieie	10/24/2012
RECEIVING PARTY DATA	
Name:	Southeast Directional Drilling, LLC
Street Address:	3117 North Cessna Avenue
City:	Casa Grande
State/Country:	ARIZONA
Postal Code:	85122
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13660119
CORRESPONDENCE DATA	
Fax Number:	2485668437
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	248-566-8500
Email:	odudley@honigman.com
Correspondent Name:	HONIGMAN MILLER SCHWARTZ & COHN LLP
Address Line 1:	350 East Michigan Avenue
Address Line 2:	Suite 300
Address Line 4:	Kalamazoo, MICHIGAN 49007-3800
ATTORNEY DOCKET NUMBER:	225645-331541
NAME OF SUBMITTER:	Brett A Krueger
Total Attachments: 3 source=assignment#page1.tif source=assignment#page2.tif source=assignment#page3.tif	

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ASSIGNMENT BY INVENTOR

THIS ASSIGNMENT, made by John M. Heieie of 11424 W Calle Con Queso, Casa Grande, AZ 85194 (hereinafter referred to as Assignor);

WHEREAS, Assignor has invented certain new and useful improvements which are subject of an application for Letters Patent signed by me, entitled CASING PULLER, filed October 25, 2012, and assigned U.S. Serial Number 13/660,119, and I authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; and

WHEREAS, Southeast Directional Drilling, LLC, a corporation of Arizona, having a place of business at 3117 North Cessna Avenue, Casa Grande, AZ 85122 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said application for Letters Patent, and in any and all United States and foreign patents, utility models, and design registrations to be obtained therefore and thereon.

NOW, THEREFORE, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor has sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest, including the right to sue for past infringement, in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which

Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.

AND for the same consideration, Assignor hereby represents and warrants to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignor is the sole and lawful owner of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignor hereby covenants and agrees to and with Assignee, its successors, legal representatives and assigns, that Assignor authorizes the Assignee to apply in all countries in Assignor's name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and that Assignor will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignor hereby requests the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignor hereby grants the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

HONIGMAN MILLER SCHWARTZ AND COHN LLP

All practitioners at Customer Number 44200

AND Assignor acknowledges an obligation of assignment of this invention to Assignee at the time the invention was made.

10-24-2012
Date

John M. Heicie
John M. Heicie

Witness:

10/24/2012
Date

[Signature]
Signature

EDDIE RAMOS
Print Name of Witness