504500708 08/11/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4547412

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
EDISON WELDING INSTITUTE, INC.	02/24/2015

RECEIVING PARTY DATA

Name:	BAKER HUGHES INCORPORATED	
Street Address:	2929 ALLEN PARKWAY	
City:	HOUSTON	
State/Country:	TEXAS	
Postal Code:	77027-5115	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12603978

CORRESPONDENCE DATA

Fax Number: (801)531-9168

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Email:djpfeil@traskbritt.comCorrespondent Name:TRASK BRITT, P.C.Address Line 1:P.O. BOX 2550

Address Line 4: SALT LAKE CITY, UTAH 84110

ATTORNEY DOCKET NUMBER:	1684-8958.1(ECC4-47285-US	
NAME OF SUBMITTER:	GREGORY C. BAKER	
SIGNATURE:	/GREGORY C. BAKER/	
DATE SIGNED:	08/11/2017	

Total Attachments: 3

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PATENT 504500708 REEL: 043272 FRAME: 0847

Attorney Docket No. 1684-8958.1US (ECC4-47285-US)

ASSIGNMENT

THIS ASSIGNMENT is entered into by Edison Welding Institute, Inc., a non-profit corporation of the state of Ohio having a place of business located at 1250 Arthur E. Adams Drive, Columbus, Ohio 43221-3585 (hereinafter "Assignor"), to and in favor of Baker Hughes Incorporated, a corporation of the state of Delaware having a place of business at 2929 Allen Parkway, Suite 2100, Houston, Texas 77027-5115 (hereinafter "Assignee").

Whereas Assignor previously received the entire right, title and interest in and to the invention described in the application for United States Letters Patent entitled, "COUPLING MEMBERS FOR COUPLING A BODY OF AN EARTH-BORING DRILL TOOL TO A DRILL STRING, EARTH-BORING DRILLING TOOLS INCLUDING A COUPLING MEMBER, AND RELATED METHODS," assigned Serial No. 12/603,978 and filed October 22, 2009, (hereinafter "the Patent Application"), by Assignment from the inventor Ian D. Harris to Assignor, recorded in the United States Patent and Trademark Office on February 20, 2015, at Reel 034996, Frame 0333; and

Whereas Assignor desires to assign its entire right, title and interest in and to the Patent Application to Assignee for valuable consideration; and

Whereas Assignee desires to receive the entire right, title and interest in and to the Patent Application from Assignor, and to provide such valuable consideration to Assignor;

Accordingly, the parties agree as follows:

- 1. Assignor hereby conveys and assigns to Assignee, and Assignee accepts, Assignor's entire right, title and interest in and to the Patent Application and the inventions disclosed therein, including all continuation, continuation-in-part and divisional applications and all continuing prosecution applications based in whole or in part on the Patent Application or on which the Patent Application is based in whole or in part, and including all patents, as well as reexaminations and reissues thereof resulting from the Patent Application.
- 2. Assignor hereby assigns to Assignee, and assignee accepts, Assignor's entire right, title and interest in and to all counterparts to the Patent Application that have been or may be filed outside the United States, whether pursued as a patent, an inventor's certificate, a utility model or the like, including all rights of priority based on the Patent Application, further including all continuation, continuation-in-part and division applications and all continuing prosecution applications based in whole or in part on the non-U.S. counterparts, and still further including all patents, inventor's certificates, utility models and reissues based upon or resulting from any of the non-U.S. counterparts.
- Assignor hereby grants to Assignee, and Assignee accepts, the sole and exclusive right to prosecute (such term including filing of a patent application) and defend the Patent

PATENT REEL: 043272 FRAME: 0848 Application and all related patents and applications as described in Paragraphs 1 and 2 above, including without limitation any opposition proceedings, reissue applications, reexaminations, and nullity or invalidity proceedings. Assignor authorizes all governmental bodies having the power to issue patents, reissues, inventor's certificates or utility models to issue a patent, reissue, inventor's certificate or utility model based on the Patent Application or any related applications as described in Paragraphs 1 and 2 above in the name of Assignee.

- 4. Assignor agrees upon request and without further consideration, but at Assignee's expense: (a) to assist Assignee in prosecuting the Patent Application and all related applications as described in Paragraphs 1 through 3 above, as well as opposition proceedings, reissue applications, reexaminations, and nullity or invalidity proceedings, (b) to provide Assignee with information concerning the Patent Application to enable Assignee to obtain, secure and protect the rights granted under this Assignment; (c) to sign papers to enable Assignee to obtain, secure and protect the rights granted under this Assignment; and (d) to perform all acts reasonable necessary to enable Assignee to obtain, secure and protect the rights granted under this Assignment.
- 5. Assignor, to the best of its knowledge, warrants and covenants that no assignment, grant, mortgage, license or other agreement or encumbrance affecting the rights and property herein conveyed has been or will be made or entered into by the Assignor, and that the full right to convey the same as herein expressed is possessed by the Assignor.
- 6. Assignor agrees and acknowledges that the sale, assignment and transfer of rights and property set forth herein is and shall be irrevocable and binding upon the assigns, representatives and successors of the undersigned Assignor and extend to the successors, assigns and nominees of the Assignee.
- 7. Assignee may assign the rights granted to it under this Assignment in whole or in part. All references herein to Assignee include any successors, assigns, or nominees of Assignee.
- 8. Assignor acknowledges that Assignee has provided, and Assignor has received, valuable consideration sufficient and adequate for the rights granted to Assignee under this Assignment.
- 9. This Assignment shall be effective upon execution by the authorized representatives of Assignor and Assignee, and the parties hereto agree that a true photocopy if this Assignment shall serve as evidence of same.

ASSIGNOR:

Edison Welding Institute, Inc.

Ixt. 24, 2015 Date

By: Michelle R. Laverty

Title: IP Manager

REEL: 043272 FRAME: 0849

ASSIGNEE:

Baker Hughes Incorporated

Date

By: Brian & Willborn
Title: Sr If Course

PATENT REEL: 043272 FRAME: 0850

RECORDED: 08/11/2017