PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------|----------------|
| Bruce Clark | 03/04/2010 |
| Edwin Coutts | 02/18/2010 |
| Matthias Volkert | 02/18/2010 |

RECEIVING PARTY DATA

| Name: | Baker Hughes Incorporated | |
|-----------------|--------------------------------|--|
| Street Address: | 2929 Allen Parkway, Suite 2100 | |
| City: | Houston | |
| State/Country: | TEXAS | |
| Postal Code: | 77019 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 12648886 |

CORRESPONDENCE DATA

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| ATTORNEY DOCKET NUMBER: | WLM4-47677US |
|-------------------------|---------------------|
| NAME OF SUBMITTER: | Keith R. Derrington |

Total Attachments: 4

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PATENT S01116643 REEL: 024067 FRAME: 0683

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> PATENT REEL: 024067 FRAME: 0684

PATENT APPLICATION ASSIGNMENT

DOCKET NO. WLM4-47677US

WHEREAS, we, Bruce Clark, a citizen of the United Kingdom, residing at View Park, Oldmeldrum Road, Newmachar, Aberdeenshire, AB21 0QD, United Kingdom, Edwin Coutts, a citizen of the United Kingdom, residing at 5622 Heather Run, Houston, Texas 77041, and Matthias Volkert, a citizen of Germany, residing at 37 Forest Avenue, Aberdeen, AB15 4TU, United Kingdom, have invented new and useful improvements in a METHOD, SYSTEM, AND APPARATUS OF DOWNHOLE TIME INTERLACED COMMUNICATIONS, for which an application for Letters Patent was filed on December 30, 2008 as United States Patent Application No. 12/648,886, and further being identified by Attorney Docket No. 074-47677.

WHEREAS, BAKER HUGHES INCORPORATED, a corporation of the State of Delaware, having a principal place of business at 2929 Allen Parkway, Suite 2100, Houston, Texas 77019, is desirous of acquiring our entire right, title and interest in said application and our Letters Patent which may issue thereon.

NOW THEREFORE, be it known by all whom it may concern that for and in consideration of Ten Dollars (\$10.00), the receipt of which is hereby acknowledged, and other good and valuable consideration, we hereby assign to said corporation, both in and for the territory of the United States of America and the entire world, all our title and interest in and to said invention, patent applications and any patent which may issue thereon, including all divisions, continuations, reissues, continuations-in-part and substitutions thereof, plus all priority rights for patent applications foreign to the United States of America.

We further hereby assign and transfer to said corporation whatever cause of action we may have for past or present infringement of said invention, together with the right to bring suit for any such infringement and to seek and receive damages and other relief arising from any such infringement.

We hereby covenant and agree that we will at any time, upon the request and at the expense of said corporation, execute and deliver any and all papers and do all lawful acts that may be necessary or desirable to perfect the title and said invention, applications and patents, and we authorize the Commissioner of Patents and Trademarks to issue Letters Patent to said corporation.

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Executed this 4 day of MARCH, 2010.

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PATENT REEL: 024067 FRAME: 0686 Executed this 18^{11} day of Febluary, 2010.

Edwin Coutts

Executed this 18 day of February, 2010.

Matthias Volkert

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RECORDED: 03/11/2010

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PATENT REEL: 024067 FRAME: 0688