10/21/2014 503026716

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3073316

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
STEPHEN EDMUND BRUCE	10/15/2014
STEPHEN KENT	10/15/2014
DOMINIC PATRICK JOSEPH MCCANN	10/15/2014
DAVID ALLAN NOBLETT	10/15/2014
DAVID GRANT	10/15/2014
EWAN COLIN SMITH	10/15/2014

RECEIVING PARTY DATA

Name:	DARCY TECHNOLOGIES LIMITED	
Street Address:	DARCY HOUSE, KINTORE BUSINESS PARK	
City:	KINTORE, ABERDEEN	
State/Country:	UNITED KINGDOM	
Postal Code:	AB51 0YQ	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14382806

CORRESPONDENCE DATA

Fax Number: (248)988-8363

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.

Phone: 248-988-8360

Email: docket@cgolaw.com KARIN H. BUTCHKO **Correspondent Name:**

CARLSON, GASKEY & OLDS, P.C. Address Line 1: Address Line 2: 400 WEST MAPLE ROAD, SUITE 350 Address Line 4: **BIRMINGHAM, MICHIGAN 48009**

ATTORNEY DOCKET NUMBER:	67012-034 PUS1	
NAME OF SUBMITTER:	KARIN H. BUTCHKO	
SIGNATURE:	/Karin H. Butchko/	
DATE SIGNED: 10/21/2014		

Total Attachments: 4

REEL: 033989 FRAME: 0490 503026716

PATENT

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PATENT REEL: 033989 FRAME: 0491

ASSIGNMENT (Joint Inventors)

WHEREAS, we, Stephen Edmund Bruce of Darcy House, Kintore Business Park, Kintore, Aberdeen, AB51 0YQ, United Kingdom; Stephen Kent of Darcy House, Kintore Business Park, Kintore, Aberdeen, AB51 0YQ, United Kingdom; Dominic Patrick Joseph McCann of Darcy House, Kintore Business Park, Kintore, Aberdeen, AB51 0YQ, United Kingdom; David Allan Noblett of Darcy House, Kintore Business Park, Kintore, Aberdeen, AB51 0YQ, United Kingdom; David Grant of Darcy House, Kintore Business Park, Kintore, Aberdeen, AB51 0YQ, United Kingdom; and Ewan Colin Smith of Darcy House, Kintore Business Park, Kintore, Aberdeen, AB51 0YQ, United Kingdom (hereinafter referred to as Assignors) have invented new and useful improvements in:

DOWNHOLE APPARATUS

which is set forth in an application for Letters Patent in the United States filed September 4, 2014, Application No. 14/382,806, having Attorney Docket No. 67012-034 PUS1, which is a National Phase Application of International Application No. PCT/GB2013/050562 filed March 7, 2013, which claims priority to United Kingdom Application No. GB 1203986.3 filed March 7, 2012;

AND WHEREAS, Darcy Technologies Limited (hereinafter referred to as Assignee), of Darcy House, Kintore Business Park, Kintore, Aberdeen, AB51 0YQ, United Kingdom is desirous of acquiring the entire right, title and interest in and to said invention and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW, THEREFORE, be it known by all whom it may concern, that for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, the Assignors have assigned, sold and set over, and by these presents assign, sell and set over unto the Assignee, its successors, legal representatives and assigns, for the territory of the United States of America and all foreign countries, the entire right, title and interest in and to said invention, said application for Letters Patent, including the right to file and prosecute foreign patent applications corresponding to said application in foreign patent offices, and the right to claim the priority date of said United States patent application and any legal equivalents thereof, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and to any and all divisions, continuations, and continuations-in-part of said application, or re-issues or extensions of said Letters Patent or Patents prepared and executed by Assignors on even date herewith, the same to be held and enjoyed by the Assignee, as fully and entirely as the same would have been held by the Assignors had this Assignment and sale not been made.

AND the Assignors hereby covenant and agree that the Assignors will at any time upon the request and at the expense of the Assignee execute and deliver any and all papers and do all lawful acts that may be necessary or desirable to perfect the title to said invention and to obtain Letters

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issue said Letters Patent to the said Assign	ee in accordance with this Agreement.
	<i>W</i> 2
15 OCT 2014	A Mariante
Date	Stephen Edmund Bruce
15 OCT 2014	sent
Date	Stephen Kent
15 OCT 2014	
Date	Dominic Patrick Joseph McCann
Day	
Dàte	David Allan Noblett
Date	David Grant
인하는 보는 병원 등에 불발되었다.	현실하게 하고 있다는 이 현실하는 것이 되었다. 일본 1일
15 OCT 2014	E
Date	Ewan Colin Smith

Patent therefor, and the Assignors hereby authorize and request the Commissioner of Patents to

Please address all correspondence and telephone calls and, upon recordation, please return this document to:

Karin H. Butchko Carlson, Gaskey & Olds, P.C. 400 W. Maple, Suite 350 Birmingham, MI 48009 (248) 988-8360

Date Stephen Edmund Bruce Date Stephen Kent Date Dominic Patrick Joseph McCann Date **David Grant** Date **Ewan Colin Smith** Please address all correspondence and telephone calls and, upon recordation, please return this document to: Karin H. Butchko Carlson, Gaskey & Olds, P.C. 400 W. Maple, Suite 350 Birmingham, MI 48009

(248) 988-8360

Patent therefor, and the Assignors hereby authorize and request the Commissioner of Patents to

issue said Letters Patent to the said Assignee in accordance with this Agreement.

PATENT REEL: 033989 FRAME: 0494 Patent therefor, and the Assignors hereby authorize and request the Commissioner of Patents to issue said Letters Patent to the said Assignee in accordance with this Agreement.

Date	Stephen Edmund Bruce
Date	Stephen Kent
Date	Dominic Patrick Joseph McCann
Date	David Allan Noblett
15 Oca 2014	Said Goods
Date	David Grant
Date	Ewan Colin Smith

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