

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 John Hill</td> <td>01/01/2012</td> </tr> <tr> <td>Magnus McEwen-King</td> <td>01/01/2012</td> </tr> <tr> <td>Patrick Phillip Tindell</td> <td>12/16/2011</td> </tr> </tbody> </table>		Name	Execution Date	David John Hill	01/01/2012	Magnus McEwen-King	01/01/2012	Patrick Phillip Tindell	12/16/2011
Name	Execution Date								
David John Hill	01/01/2012								
Magnus McEwen-King	01/01/2012								
Patrick Phillip Tindell	12/16/2011								
RECEIVING PARTY DATA									
Name:	QINETIQ LIMITED								
Street Address:	Cody Technology Park								
Internal Address:	Ively Road								
City:	Farnborough, Hampshire								
State/Country:	UNITED KINGDOM								
Postal Code:	GU14 0LX								
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>13320884</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13320884				
Property Type	Number								
Application Number:	13320884								
CORRESPONDENCE DATA									
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Phone:	312-913-0001								
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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>									
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Address Line 2:	Suite 3100								
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ATTORNEY DOCKET NUMBER:	11-1357-WO-US								
NAME OF SUBMITTER:	A. Blair Hughes								
Total Attachments: 3 source=11-1357-WO-US Assignment#page1.tif source=11-1357-WO-US Assignment#page2.tif source=11-1357-WO-US Assignment#page3.tif									

CH \$40.00 13320884

DEED OF ASSIGNMENT OF PATENT APPLICATION

BY AND BETWEEN

(Inventors) **David John HILL**
 Magnus McEWEN-KING
 Patrick Phillip TINDELL
 and
(Assignee) **QINETIQ LIMITED**
(Address) Company No. 3796233, whose Registered Office is at Cody Technology Park, Ively
 Road, Farnborough, Hampshire GU14 0LX United Kingdom (hereinafter referred to
 as "the Assignee")

THIS DEED NOW WITNESSES

In accordance with their contract(s) of employment, and to the extent that it may be required to perfect the Assignee's ownership of the invention under the laws of any territory of the world, the undersigned hereby assign(s) to the Assignee the undersigned's entire right, title, and interest throughout the world – including in particular for the United States, its territories, dependencies, and possessions – in the invention identified in the Assignee's records as:

Well Monitoring by means of Distributed Sensing Means
(Case No. P7714/USW3)

and in all applications for patents therefor and in all patents which may be granted therefor, for which the undersigned has (have) executed on even date herewith an application for a patent in the United States of America or an International application for a patent designating the United States of America, or if not on even date, then has executed on _____ or has already filed in (Application Serial No. **US/13/320884** filed on 16th November 2011)

The undersigned acknowledge(s) an obligation of assignment of this invention to the Assignee at the time the invention was made.

The undersigned agree(s) to execute all papers and documents necessary in connection with the application or any interference which may be declared and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient and further to perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

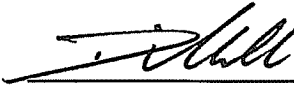
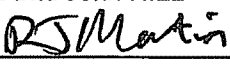
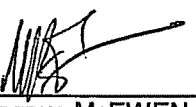
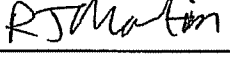
The undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of:

McDonnell Boehnen Hulbert & Berghoff Law Offices
300 South Wacker Drive Chicago, Illinois 60606-6709
United States of America

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.

EXECUTED AS A DEED by the undersigned on the date(s) opposite the undersigned signature(s).

Signature of Inventor	<u></u>	Date	<u>1st JAN 12</u>
	David John HILL		
Witnessed by	<u></u>	Date	<u>1ST JAN 12</u>
Signature of Inventor	<u></u>	Date	<u>1st JAN 12</u>
	Magnus McEWEN-KING		
Witnessed by	<u></u>	Date	<u>1ST JAN 12</u>
Signature of Inventor	_____	Date	_____
	Patrick Phillip TINDELL		
Witnessed by	_____	Date	_____

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Signature of Inventor _____ Date _____
David John HILL

Witnessed by _____ Date _____

Signature of Inventor _____ Date _____
Magnus McEWEN-KING

Witnessed by _____ Date _____

Signature of Inventor Patrick Tindell Date 16/12/2011
Patrick Phillip TINDELL

Witnessed by [Signature] Date 16/12/2011