

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
RUDOLF ZELLER	09/15/2015
GARY GARRABRANT	09/15/2015
TIMOTHY BAYLISS	09/15/2015
JOHN E. MERCER	09/15/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	MERLIN TECHNOLOGY, INC.
<b>Street Address:</b>	19625 62ND AVE. SOUTH, SUITE B-103
<b>City:</b>	KENT
<b>State/Country:</b>	WASHINGTON
<b>Postal Code:</b>	98032
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14845231
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<i>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.</i>	
<b>Phone:</b>	3034993859
<b>Email:</b>	PPGpatents@comcast.net
<b>Correspondent Name:</b>	PRITZKAU PATENT GROUP, LLC
<b>Address Line 1:</b>	993 GAPTER ROAD
<b>Address Line 4:</b>	BOULDER, COLORADO 80303
<b>ATTORNEY DOCKET NUMBER:</b>	DCI-75
<b>NAME OF SUBMITTER:</b>	ALYSSA BEYER
<b>SIGNATURE:</b>	/Alyssa Beyer/
<b>DATE SIGNED:</b>	09/25/2015
<b>Total Attachments: 3</b>	
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source=DCI-75Assignment_Executed#page3.tif	

## ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged the undersigned, **Rudolf Zeller, Gary Garrabrant, Timothy Bayliss and John E. Mercer:**

(1) hereby sells, assigns, and transfers to **Merlin Technology, Inc.** a Washington corporation having a place of business at **19625 62<sup>nd</sup> Ave. South, Suite B-103, Kent, Washington 98032**, ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in the application for the United States patent, **Serial Number 14/845,231**, filed **September 3, 2015**, that has been executed by the undersigned prior hereto or concurrently herewith on the dates indicated below and that is entitled **COMMUNICATON PROTOCOL IN DIRECTIONAL DRILLING SYSTEM, APPARATUS AND METHOD UTILIZING MULTI-BIT DATA SYMBOL TRANSMISSION** and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;

(2) agrees that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

(3) covenants with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Each Inventor: Please Sign and Date Below:

9/15/15, 2015  
Date

[Signature]  
Name: Rudolf Zeller

9/15/15, 2015  
Date

[Signature]  
Name: Gary Garrabrant

9/15/15, 2015  
Date

[Signature]  
Name: Timothy Bayliss

9/15/15, 2015  
Date

[Signature]  
Name: John E. Mercer

Each Inventor: Please also list the date that you signed the accompanying DECLARATION:

9/15/15, 2015  
Date

9/15/15, 2015  
Date

9/15/15, 2015  
Date

9/15, 2015  
Date

Assignment Document Return Address:

Customer Number 21833  
Pritzkau Patent Group, LLC  
993 Gapter Road  
Boulder, Colorado 80303  
(303) 499-3859

State of: Washington )  
County of: King ) SS.



On this 15 day of September, 2015, before me, Emily Williams, the undersigned Notary Public, personally appeared Rudolf Zeller ☒ personally known to me ☐ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument, and acknowledged that he executed it.  
WITNESS my hand and official seal.

[Signature]  
Notary's Signature

State of: Washington }  
County of: King } SS.



On this 15 day of September 2015, before me, Emily Williams,  
the undersigned Notary Public, personally appeared Gary Garrabrant ☒ personally known to me ☒  
proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the  
within instrument, and acknowledged that he executed it.  
WITNESS my hand and official seal.

Emily Williams  
Notary's Signature

State of: Washington }  
County of: King } SS.



On this 15 day of September 2015, before me, Emily Williams,  
the undersigned Notary Public, personally appeared Timothy Bavliss ☒ personally known to me ☒  
proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the  
within instrument, and acknowledged that he executed it.  
WITNESS my hand and official seal.

Emily Williams  
Notary's Signature

State of: Washington }  
County of: King } SS.



On this 15 day of September 2015, before me, Emily Williams,  
the undersigned Notary Public, personally appeared John E. Mercer ☒ personally known to me ☒  
proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the  
within instrument, and acknowledged that he executed it.  
WITNESS my hand and official seal.

Emily Williams  
Notary's Signature