

## PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT5424781

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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>       |
| BRYCE ELLIOTT RANDLE  | 09/10/2018                  |
| RONALD EMERSON BURGER JR.   | 08/06/2015                  |
| <b>RECEIVING PARTY DATA</b>   |                             |
| <b>Name:</b>  | SPOKED SOLUTIONS LLC        |
| <b>Street Address:</b>  | 1919 DECATUR STREET         |
| <b>City:</b>  | HOUSTON                     |
| <b>State/Country:</b>   | TEXAS                       |
| <b>Postal Code:</b>   | 77007                       |
| <b>PROPERTY NUMBERS Total: 1</b>  |                             |
| <b>Property Type</b>  | <b>Number</b>               |
| <b>Application Number:</b>  | 15119427                    |
| <b>CORRESPONDENCE DATA</b>  |                             |
| <b>Fax Number:</b>  | (303)863-0223               |
| <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>   | 3038639700                  |
| <b>Email:</b>   | mlamberson@sheridanross.com |
| <b>Correspondent Name:</b>  | SHERIDAN ROSS P.C.          |
| <b>Address Line 1:</b>  | 1560 BROADWAY               |
| <b>Address Line 2:</b>  | SUITE 1200                  |
| <b>Address Line 4:</b>  | DENVER, COLORADO 80202      |
| <b>ATTORNEY DOCKET NUMBER:</b>  | 7947-1-PUS                  |
| <b>NAME OF SUBMITTER:</b>   | BRYAN A. HALL               |
| <b>SIGNATURE:</b>   | /Bryan A. Hall/             |
| <b>DATE SIGNED:</b>   | 03/15/2019                  |
| <b>Total Attachments: 7</b>   |                             |
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## ASSIGNMENT

WHEREAS, I, Bryce Elliott Randle of 10650 Wagon Box Way, Highlands Ranch, CO 80130, have invented a certain new and useful invention entitled "Systems and Methods for Managing Debris in a Well" for which a provisional application for Letters Patent of the United States has been prepared and filed on August 11, 2015, receiving Serial No. 62/203,476, and further identified as Attorney File No. 7947-1-PROV-2; have invented a certain new and useful invention entitled "Systems and Methods for Managing Debris in a Well" for which an application for Letters Patent of the United States has been prepared and filed on October 29, 2015, receiving Serial No. 14/926,326, and further identified as Attorney File No. 7947-1; have invented a certain new and useful invention entitled "Systems and Methods for Managing Debris in a Well" for which an international application under the Patent Cooperation Treaty has been prepared and filed on October 29, 2015, receiving Serial No. PCT/US2015/058086, and further identified as Attorney File No. 7947-1-PCT; have invented a certain new and useful invention entitled "Systems and Methods for Managing Debris in a Well" for which an application for Letters Patent of the United States has been prepared and filed on August 17, 2016, receiving Serial No. 15/119,427, and further identified as Attorney File No. 7947-1-PUS; have invented a certain new and useful invention entitled "Systems and Methods for Managing Debris in a Well" for which a provisional application for Letters Patent of the United States has been prepared and filed on September 23, 2016, receiving Serial No. 62/398,876, and further identified as Attorney File No. 7947-17-PROV; and have invented a certain new and useful invention entitled "Systems and Methods for Managing Debris in a Well" for which an application for Letters Patent of the United States has been prepared and filed on September 25, 2017, receiving Serial No. 15/714,207, and further identified as Attorney File No. 7947-1-CIP (hereinafter "Inventions" and "Applications").

NOW THEREFORE, be it known that I, the said inventor(s), for and in consideration of certain good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, at the request of Spoked Solutions LLC, (hereinafter "Assignee") having a place of business at 1919 Decatur Street, Houston, Texas 77007, do sell, assign and transfer unto Assignee, its successors, legal representatives and assigns, the Inventions for all territories in the world and any improvements and modifications thereto, the Applications, all applications from which the Applications claim the benefit of priority, all applications claiming the benefit of priority from the Applications, including, but not limited to, all continuation, divisional, continuation-in-part and reissue applications, all patent applications in foreign countries, all applications pursuant to the Patent Cooperation Treaty and all applications for extension filed or to be filed for the Inventions, and all Letters Patent, Invention Registrations, Utility Models, Extensions or Reissues and other patent rights, obtained for the Inventions in the United States or any other country and the right to sue for past infringement of rights resulting from the Inventions, the Applications or any patent issuing therefrom; I also assign any right, title or interest in and to the Inventions which has not already been transferred to Assignee, I warrant that I have made no assignment of the Inventions, Applications or patent therefor to a party other than Assignee, and I am under no obligation to make any assignment of the Inventions, Applications, or patent therefor to any other party; and I further agree to cooperate with Assignee in the obtaining and sustaining of any and all such Letters Patent and in confirming Assignee's exclusive ownership of the Inventions, but at the expense of Assignee.

PATENT

REEL: 048614 FRAME: 0390

For and in consideration of certain good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, I, Bryce Elliott Randle, do sell, assign and transfer to Assignee, the right to claim priority to the Applications for all applications pursuant to the Patent Cooperation Treaty and national and regional applications filed therefrom, all applications for the territory of the United States of America and all continuation, divisional, continuation-in-part and reissue applications thereof, and all patent applications in foreign countries and the right to be granted a patent for any of the foregoing applications.

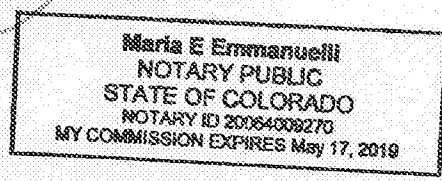
The Commissioner of Patents is hereby authorized and requested to issue the Letters Patent solely in accordance with the terms of this Assignment, to Assignee, its successors, legal representatives and assigns, as an assignee of an equal, undivided right, title and interest therein.

IN WITNESS WHEREOF, each party hereto has executed this Assignment as of the date indicated hereunder.

9.10.2018  
Date

[Signature]  
Bryce Elliott Randle

STATE OF COLORADO )  
 ) ss.  
COUNTY OF DOUGLAS )



Before me, a Notary Public in and for said County and State, personally appeared Bryce Elliott Randle, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that she/he executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this 10 day of September, 2018

[Signature]  
Notary Public

My Commission Expires: 5/17/19

[Handwritten mark]

**Spoked Solutions LLC**

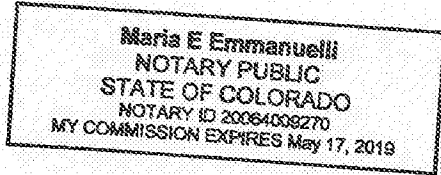
9-10-2018  
Date

[Signature]  
Signature

Bryce Randle  
Printed Name

OWNER  
Title

STATE OF COLORADO )  
 ) ss.  
COUNTY OF DOUGLAS )



Before me, a Notary Public in and for said County and State, personally appeared BRYCE RANDLE, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that she/he executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this 10 day of September, 2018

[Signature]  
Notary Public

My Commission Expires: 5/17/19

*[Handwritten mark]*

## ASSIGNMENT

WHEREAS, I, Bryce Elliot Randle of Highlands Ranch, Colorado have invented a certain new and useful invention entitled "*Systems and Methods for Managing Debris in a Well*", for which a provisional United States patent application has been prepared and filed on October 31, 2014, receiving Serial No. 62/073,572 and further identified as Attorney File No. 7947-1-PROV,

NOW THEREFORE, be it known that I, the said inventor, for and in consideration of certain good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, at the request of the assignee do sell, assign, and transfer unto said assignee, Spoked Solutions LLC, a Delaware limited liability company having a place of business at 1919 Decatur Street, Houston, Texas 77007, its successors, legal representatives, and assigns, the aforesaid patent applications, the invention(s) described therein and any modification and/or improvement(s) to the invention(s) thereof and all continuation, divisional, continuation-in-part, and reissue applications associated therewith; all corresponding patent applications in foreign countries; all applications pursuant to the Patent Cooperation Treaty; all applications for extension filed or to be filed for the invention(s), improvements and/or modifications; and all Letters Patent, Invention Registrations, Utility Models, Extensions, Reissues, and other patent rights obtained for the invention(s), improvements and/or modifications in the United States or any other country;

I also assign any right, title, and interest in and to the invention(s) improvements and/or modifications, which has not already been transferred to the assignee;

I warrant that I have made no assignment of the invention(s), application(s), and/or patent therefor to a party other than Spoked Solutions, and I am under no obligation to make any assignment of the invention(s), including improvements and/or modifications to the invention(s), application(s), or patent(s) therefor to any other party; and

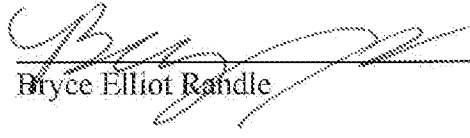
I further agree to cooperate with the assignee hereunder in the obtaining and sustaining of any and all such Letters Patent and in confirming assignee's exclusive ownership of the invention(s), but at the expense of said assignee.

I have reviewed and understand the contents of the application(s), including the claims thereof, which may have been amended by a preliminary amendment filed with the application(s) or which are contemplated. I affirm that the above-identified inventions and applications was made or authorized to be made by myself. I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application. I hereby acknowledge that any willful false statement regarding inventorship of these applications is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

The Commissioner of Patents is hereby authorized and requested to issue the Letters Patent(s) solely in accordance with the terms of this Assignment, to Spoked Solutions, its successors, legal representatives, and assigns, as the assignee of the entire right, title, and interest therein.

IN WITNESS WHEREOF, the parties hereto have executed this Assignment as of the date indicated hereunder.

Date: 8.6.2015

By:   
Bryce Elliot Randle

## ASSIGNMENT

WHEREAS, I, Ronald Emerson Burger, Jr. of Pearland, Texas have invented a certain new and useful invention entitled "*Systems and Methods for Managing Debris in a Well*", for which a provisional United States patent application has been prepared and filed on October 31, 2014, receiving Serial No. 62/073,572 and further identified as Attorney File No. 7947-1-PROV;

NOW THEREFORE, be it known that I, the said inventor, for and in consideration of certain good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, at the request of the assignee do sell, assign, and transfer unto said assignee, Spoked Solutions LLC, a Delaware limited liability company having a place of business at 1919 Decatur Street, Houston, Texas 77007, its successors, legal representatives, and assigns, the aforesaid patent applications, the invention(s) described therein and any modification and/or improvement(s) to the invention(s) thereof and all continuation, divisional, continuation-in-part, and reissue applications associated therewith; all corresponding patent applications in foreign countries; all applications pursuant to the Patent Cooperation Treaty; all applications for extension filed or to be filed for the invention(s), improvements and/or modifications; and all Letters Patent, Invention Registrations, Utility Models, Extensions, Reissues, and other patent rights obtained for the invention(s), improvements and/or modifications in the United States or any other country;

I also assign any right, title, and interest in and to the invention(s) improvements and/or modifications, which has not already been transferred to the assignee;

I warrant that I have made no assignment of the invention(s), application(s), and/or patent therefor to a party other than Spoked Solutions, and I am under no obligation to make any assignment of the invention(s), including improvements and/or modifications to the invention(s), application(s), or patent(s) therefor to any other party; and

I further agree to cooperate with the assignee hereunder in the obtaining and sustaining of any and all such Letters Patent and in confirming assignee's exclusive ownership of the invention(s), but at the expense of said assignee.

I have reviewed and understand the contents of the application(s), including the claims thereof, which may have been amended by a preliminary amendment filed with the application(s) or which are contemplated. I affirm that the above-identified inventions and applications was made or authorized to be made by myself. I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application. I hereby acknowledge that any willful false statement regarding inventorship of these applications is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.



The Commissioner of Patents is hereby authorized and requested to issue the Letters Patent(s) solely in accordance with the terms of this Assignment, to Spoked Solutions, its successors, legal representatives, and assigns, as the assignee of the entire right, title, and interest therein.

IN WITNESS WHEREOF, the parties hereto have executed this Assignment as of the date indicated hereunder.

Date: 8-6-15

By: RE Burger  
Ronald Emerson Burger, Jr.