# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
DALE E. JAMISON	05/08/2020
WILLIAM WALTER SHUMWAY	05/08/2020
PRESTON ANDREW MAY	05/08/2020
JAY PAUL DEVILLE	05/08/2020

## **RECEIVING PARTY DATA**

Name:	HALLIBURTON ENERGY SERVICES, INC.	
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### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	17571010

### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	2019IPM103554U101 08402	
NAME OF SUBMITTER: RODNEY B. CARROLL		
SIGNATURE:	/Rodney B. Carroll/	
DATE SIGNED:	01/10/2022	

## **Total Attachments: 5**

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PATENT REEL: 058589 FRAME: 0024

Docket No. 2019-IPM-103554 U1 US

#### **ASSIGNMENT**

Whereas, we, Dale E. JAMISON of Humble, Texas, William Walter SHUMWAY of Spring, Texas, Preston Andrew MAY of Porter, Texas and Jay Paul DEVILLE of Spring, Texas, have invented "METHODS TO CHARACTERIZE WELLBORE FLUID COMPOSITION AND PROVIDE OPTIMAL ADDITIVE DOSING USING MEMS TECHNOLOGY" for which we have made application for Letters Patent of the United States; and

Whereas, HALLIBURTON ENERGY SERVICES, INC., a Delaware Corporation, having a place of business at 3000 N. Sam Houston Parkway E., Houston, Texas 77032-3219, United States of America, is desirous of acquiring an interest therein;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we, by these presents do sell, assign and transfer and convey unto HALLIBURTON ENERGY SERVICES, INC., its successors and assigns, the full and exclusive right, for the United States of America and its territorial possessions and for any and all foreign countries, in and to the said invention, described in the U.S. Patent Application No. 16/879,167 filed on May 20, 2020 (attorney is authorized to fill in the blank when known), and any divisional, continuing or reissue application based on the present application preparatory to obtaining Letters Patent of the United States therefor; said invention, application and any and all Letters Patent issuing therefor to be held and enjoyed by HALLIBURTON ENERGY SERVICES, INC., for its own use and behoof, and for its legal representatives, successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by us and had this assignment and sale not been made.

And we do further agree to sign all papers, make all rightful oaths and do all requisite acts for the filing of any disclaimer or for the filing and assignment of any divisional, continuing or reissue application or applications for patent based on the present application, as well as for any other U.S. or foreign application for patent which relates to the said invention.

And we do further agree to communicate to HALLIBURTON ENERGY SERVICES, INC., its successors, assign or other legal representatives, such facts relating to the invention disclosed in the present application or Letters Patent issuing thereon as may be known to us, and to testify as to such facts in any interference or other litigation.

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Executed this  $g^{+}$  day of  $\chi$ , 2020.

William Walter SHUMWAY

Executed this	8_	_day of	May	, 2020.		
				Proston Andrew M	- 01 000 DV	may

Executed this 8th day of May	, 2020.
	Jay Paul Durll

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