PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TIMOTHY HOLIMAN HUNTER	03/30/2016
BRYAN JOHN LEWIS	03/22/2016
JIM BASUKI SURJAATMADJA	03/22/2016

RECEIVING PARTY DATA

Name:	HALLIBURTON ENERGY SERVICES, INC.	
Street Address:	3000 N. SAM HOUSTON PARKWAY E.	
City:	HOUSTON	
State/Country:	TEXAS	
Postal Code:	77032-3219	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16063931

CORRESPONDENCE DATA

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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.

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Email: susan.stewart@bakerbotts.com

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Address Line 4: HOUSTON, TEXAS 77002

ATTORNEY DOCKET NUMBER:	063718.8069	
NAME OF SUBMITTER:	SUSAN STEWART	
SIGNATURE:	/Susan Stewart/	
DATE SIGNED:	06/19/2018	

Total Attachments: 4

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> PATENT REEL: 046132 FRAME: 0031

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ASSIGNMENT

Whereas, I/We, Timothy Holiman Hunter of Stephens County, Duncan, Oklahoma; Bryan John Lewis of Stephens County, Duncan, Oklahoma, and Jim Basuki Surjaatmadja of Stephens County, Duncan, Oklahoma have invented "MULLING DEVICE AND METHOD FOR TREATING BULK MATERIAL RELEASED FROM PORTABLE CONTAINERS" for which I/We have made application for Letters Patent of the International Bureau and which has been disclosed in the application for Patent Cooperation Treaty, Application Serial No. PCT/US2016/022489 filed March 15, 2016; 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 is desirous of acquiring an interest therein;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/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, title and interest for the Patent Cooperation Treaty, and its territorial possessions and for any and all foreign countries, in and to said invention, in and to any and all improvements, and any divisional, continuing or reissue application based on the present application preparatory to obtaining Letters Patent of the International Application 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 behoove, 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 me and had this assignment and sale not been made.

And I 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 I 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 me, and to testify as to such facts in any interference or other litigation.

Lof4

STATE OF OKLA	AHOMA)
)
COUNTY OF	3tephens)
		Timothy Holiman Hunter and acknowledged the foregond this, 2016.

Timothy Holiman Hunter

Executed this ZZ_day ofMarc	<u>h</u> , 2016.
STATE OF OKLAHOMA)
)
COUNTY OF SIGNES)
	said Bryan John Lewis and acknowledged the foregoing ed this, 2016.
Seal	(Notary)

JESSICA HAYS
Notary Public, State of Oklahome
Commission # 15008675
My Commission Expires September 15, 2019

Bryan John Lewis

Docket No. 063718.5966 2015-IP-099365U1 PCT

Executed this 22 day of MArch , 2016.

STATE OF OKLAHOMA)

COUNTY OF HOWENS)

Before me personally appeared said Jim Basuki Surjaatmadja and acknowledged the foregoing instrument to be his free act and deed this 22 day of March , 2016.

Seal

Jim Basuki Surjaatmadja

JESSICA NAYS Notery Public, State of Oklahoma Commission # 15008675 My Commission Explices September 15, 2019