PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2984309

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HUI ZHOU	07/24/2014
JAY PAUL DEVILLE	05/15/2014
CHESNEE LAE DAVIS	07/24/2014

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:	14461060

CORRESPONDENCE DATA

Fax Number: (713)229-2880

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.

Phone: 713 229-1234

Email: susan.stewart@bakerbotts.com

Correspondent Name: BAKER BOTTS L.L.P.

Address Line 1: 910 LOUISIANA STREET, ONE SHELL PLAZA

Address Line 4: HOUSTON, TEXAS 77002

ATTORNEY DOCKET NUMBER:	063718.3003
NAME OF SUBMITTER:	SUSAN STEWART
SIGNATURE:	/Susan Stewart/
DATE SIGNED:	08/15/2014

Total Attachments: 5

source = 3003 Assign # page 1.tif

source=3003Assign#page2.tif

source=3003Assign#page3.tif

source=3003Assign#page4.tif

source=3003Assign#page5.tif

PATENT

502937710 REEL: 033547 FRAME: 0815

Docket No. 063718.2354 HES-2013-IP-072448USV1

ASSIGNMENT

Whereas, I/We, Hui Zhou of Montgomery County, Texas; Jay Paul Deville of

Montgomery County, Texas; and Chesnee Lae Davis of Montgomery County, Texas have

invented "CROSSLINKED N-VINYLPYRROLIDONE POLYMERS FOR USE IN

SUBTERRANEAN FORMATIONS AND WELLS" for which I/We are making 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 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 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 me and had this

assignment and sale not been made.

1 of 5

PATENT REEL: 033547 FRAME: 0816

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.

2 of 5

Executed this 24 day of	<u>Soly</u> , 2014.
	Hui Zhou
STATE OF TEXAS)
COUNTY OF MONTGOMERY) ss
	Hui Zhou and acknowledged the foregoing instrument to be day of, 2014.
Seal	Milortill
My Commission Expires 04/19/2016	(Notary)

Executed this 15th day of A	gust, 2014.
-----------------------------	-------------

Executed this 10 day of	, 2014.
	Jay Paul Denlle Jay Paul Deville
STATE OF TEXAS)
) ss
COUNTY OF MONTGOMERY)
	Jay Paul Deville and acknowledged the foregoing instrument day of August, 2014.
Seal	Mild Hell (Notary)
Misha Pratt Wy Commissi 04/19/2018	on Expires

Executed this 24 day of 504, 2014.

Chesna	Say Dayy
Chesnee Lae Davis	

STATE OF TEXAS

) ss

)

COUNTY OF MONTGOMERY)

Seal

Misha Pratt
My Commission Expires
04/19/2018

(Notary)

5 of 5