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PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
Ramesh Muthusamy	07/08/2013	
Rahul Chandrakant	07/08/2013	

RECEIVING PARTY DATA

Name:	Halliburton Energy Services, Inc.	
Street Address:	10200 Bellaire Blvd.	
City:	Houston	
State/Country:	TEXAS	
Postal Code:	77072	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14015643

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	30545.189
NAME OF SUBMITTER:	Jennifer Pierce
Signature:	/Jennifer Pierce/
Date:	09/03/2013

Total Attachments: 2

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> **PATENT REEL: 031124 FRAME: 0783**

Attorney Ref. 30545.189 HES Ref. 2012-IP-063854

ASSIGNMENT OF INVENTION

For good and valuable co I, an ASSIGNOR named	nsideration, the receipt of which is hereby acknowled below,	ged,	
Ramesh Muthusamy of P	une, Maharashtra, India; and		
Rahul Chandrakant Patil of Pune, Maharashtra, India			
hereby sell, assign and transfer to			
ASSIGNEE:	Halliburton Energy Services, Inc. 10200 Bellaire Blvd. Houston, Texas 77072 United States of America		
	I legal representatives, my entire right, title and intere m priority, in and to the invention(s) disclosed in:	st throughout	the world,
U.S. Patent A U.S. Patent A	application executed on or about the date of this Assignation executed on, or application No.:, filed on Application No.: PCT/, filed on		

INVENTOR(S): Ramesh Muthusamy, Tushar Gosavi and Rahul Chandrakant Patil

METHODS OF CEMENTING AND LASSENITE-CONTAINING

including without limitation, my entire right, title and interest in and to any and all United States and foreign applications (including any and all provisional, international, regional and foreign national applications) for said invention(s), including divisions, continuations, continuations-in-part, renewals, substitutes and extensions thereof, and in and to any and all patents of every country or region that may be granted or have been granted for said invention(s), including any reissues and reexaminations thereof.

CEMENT COMPOSITIONS, and naming as

For avoidance of doubt and to the extent that I am subject to a prior agreement to transfer right, title or interest in the disclosed invention(s) to ASSIGNEE, this Assignment confirms that transfer and further effectuates the transfer of any and all of the aforementioned rights, title and interests that, on the date of my execution of this Assignment, are not already vested in ASSIGNEE.

To comply with 37 C.F.R. § 3.21 for recording this Assignment, I authorize and request that the application number and filing date be inserted here, if not already shown above, (14 / 015, 645), filed $A \cup 0.05 + 30, 2013$) when they become known.

I authorize ASSIGNEE to apply for patents of foreign countries for said invention(s), and to claim all rights of priority without further authorization from me.

I agree to execute any and all papers useful in connection with any and all U.S. and foreign applications (including international, regional, and foreign national applications), and generally to do everything possible to aid ASSIGNEE, its successors, assigns and nominees, at their request and reasonable expense, in obtaining and enforcing patents for said invention(s) in all countries.

I hereby covenant that no assignment, sale, license, agreement, or encumbrance has been or will be made or entered into that would conflict with this Assignment.

1 of 2

Assignment of Invention

ENTITLED:

Attorney Ref. 30545.189 HES Ref. 2012-IP-063854

I authorize and request the Commissioner of Patents and Trademarks to issue any U.S. Letters Patent that may be granted for said invention(s) to ASSIGNEE, its successors or assigns.

Inventor Name:

Ramesh Muthusamy

Residence Address:

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Pune, Maharashtra

India

Dated: 8 July 2013

Inventor Signature

Dated: 8 July 2013

Witness Signature

Witness Name: Sandip Val

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India

Dated:

8th July 2013

Inventor Signature

Dated:

8th July 2013

Witness Signature
Witness Name:

Sandi

 $2 \ of \ 2$

Assignment of Invention

RECORDED: 09/03/2013

PATENT REEL: 031124 FRAME: 0785