

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT3544134

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
BRANDI KATHERINE PRICE HOELSCHER	01/26/2015
STEVEN PHILIP YOUNG	01/26/2015
JAMES FRIEDHEIM	09/25/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	M-I L.L.C.
<b>Street Address:</b>	5950 NORTH COURSE DRIVE
<b>City:</b>	HOUSTON
<b>State/Country:</b>	TEXAS
<b>Postal Code:</b>	77072
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14391597
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>Email:</b>	kdumas-scarber@slb.com
<b>Correspondent Name:</b>	KRISTINE DUMAS-SCARBER
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<b>Address Line 2:</b>	ROOM 4720
<b>Address Line 4:</b>	HOUSTON, TEXAS 77042
<b>ATTORNEY DOCKET NUMBER:</b>	81073586-US-PCT
<b>NAME OF SUBMITTER:</b>	KRISTINE DUMAS-SCARBER
<b>SIGNATURE:</b>	/KRISTINE DUMAS-SCARBER/
<b>DATE SIGNED:</b>	09/26/2015
<b>Total Attachments: 4</b>	
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## Worldwide Assignment

In consideration of the sum of one dollar (\$1.00) or equivalent and other good and valuable consideration paid to each of the undersigned: **Brandi Katherine Price Hoelscher, Steven Philip Young, and James Friedheim** the undersigned hereby sell(s) and assign(s) to M-I L.L.C. (the "Assignee"), a corporation of Delaware, having a place of business at 5950 North Course Dr., Houston, TX 77072, his/her entire right, title and interest

check applicable box(es)    : for the United States of America (as defined in 35 U.S.C. § 100),  
                                         : and throughout the world,

in the invention(s) known as **TRIGGERED HEATING OF WELLBORE FLUIDS BY CARBON NANOMATERIALS** described and set forth in an application identified as **International Application No. PCT/US2013/035758 (Docket No. 81073586-WO-PCT) filed April 9, 2013** and for which application(s) for Letters Patent in the United States of America has (have) been executed by the undersigned on or about the same day (also known as United States Patent Application No. **14/391,597**, filed **October 9, 2014**) **this assignment is effective as of April 9, 2013**, in any and all applications thereon, in any and all Letters Patent(s) therefor, and in any and all reissues, extensions, renewals, reexaminations of such applications or Letters Patent(s) and divisional and continuation applications thereof, to the full end of the term or terms for which such Letters Patent(s) issue, including all claims, if any, that may have arisen for infringement prior to the date of this assignment, such entire right, title and interest to be held and enjoyed by the above-named Assignee to the same extent as they would have been held and enjoyed by the undersigned had this assignment and sale not been made.

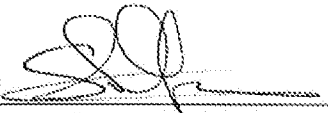
The undersigned agree(s) to execute all papers necessary in connection with the application(s) and any continuing (continuation, divisional, or continuation-in-part), reissue, reexamination or corresponding application(s) thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference that may be declared concerning the application(s) or any continuing (continuation, divisional, or continuation-in-part), reissue or reexamination application thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

The undersigned hereby authorizes and requests the government authority to issue any and all Letters Patent granted on such inventions to the Assignee.

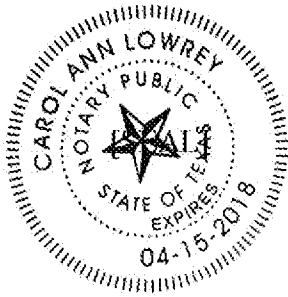
The undersigned hereby warrants and represents that the undersigned has full right to convey the entire interest herein assigned, and that the undersigned has not executed, and will not execute, any agreement in conflict therewith.

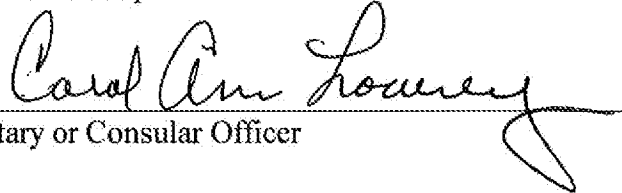


Signature:  Date: 1/26/15  
Printed Name: Steven Philip Young

COUNTY OF HARRIS            )  
                                          ) ss.  
STATE OF TEXAS            )

BEFORE ME, the undersigned authority, on this 26 day of January, 2015, personally appeared Steven Philip Young, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.



  
Notary or Consular Officer

Signature: [Handwritten Signature] Date: 9/25/15  
Printed Name: James Friedheim

COUNTY OF HARRIS )  
 ) ss.  
STATE OF TEXAS )

BEFORE ME, the undersigned authority, on this 25<sup>th</sup> day of September 2015, personally appeared James Friedheim, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.



[Handwritten Signature]  
Notary or Consular Officer