PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3308953

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SASHIKUMAR METTATH	03/05/2015
STEVEN YOUNG	02/17/2015
EMMANUEL STAMATAKIS	03/31/2015
BALAKRISHNAN PANAMARATHUPALAYAM	02/17/2015
CHANGPING SUI	02/17/2015

RECEIVING PARTY DATA

Name:	M-I L.L.C.
Street Address:	5950 NORTH COURSE DRIVE
City:	HOUSTON
State/Country:	TEXAS
Postal Code:	77072

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14414088

CORRESPONDENCE DATA

Fax Number:

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.

Email:kdumas-scarber@slb.comCorrespondent Name:KRISTINE DUMAS-SCARBERAddress Line 1:10001 RICHMOND AVENUE

Address Line 2: ROOM 4720

Address Line 4: HOUSTON, TEXAS 77042

ATTORNEY DOCKET NUMBER:	IS12.2786-US-PCT
NAME OF SUBMITTER:	KRISTINE DUMAS-SCARBER
SIGNATURE:	/KRISTINE DUMAS-SCARBER/
DATE SIGNED:	04/14/2015

Total Attachments: 6

source=IS122786USPCT_20150414_Signed_Assignment#page1.tif

PATENT REEL: 035400 FRAME: 0977

503262335

source=IS122786USPCT_20150414_Signed_Assignment#page2.tif source=IS122786USPCT_20150414_Signed_Assignment#page3.tif source=IS122786USPCT_20150414_Signed_Assignment#page4.tif source=IS122786USPCT_20150414_Signed_Assignment#page5.tif source=IS122786USPCT_20150414_Signed_Assignment#page6.tif

PATENT REEL: 035400 FRAME: 0978

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: Sashikumar Mettath, Steven Young, Emanuel Stamatakis, Balakrishnan Panamarathupalayam, and Changping Sui the undersigned hereby sell(s) and assign(s) to M-I L.L.C. (the "Assignee"), a limited liability company 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 <u>INSULATING ANNULAR FLUID</u> described and set forth in an application identified as International Application No. PCT/US2013/049575 (Docket No. IS12.2786-WO-PCT) filed July 8, 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. 14/414,088, filed <u>January 9, 2015</u>) this assignment is effective as of July 8, 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.

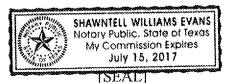
Page 1 of 6

The undersigned hereby expressly intends this agreement to be binding on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

IN WITNESS WHEREOF, executed by the undersigned on the date(s) opposite their name(s).

Signature: South	na.	Date:	356	2015
Printed Name: Sashikumar Me				
COUNTY OF HARRIS)			
STATE OF TEXAS) ss.)			

BEFORE ME, the undersigned authority, on this 5 day of March, 2015, personally appeared Sashikumar Mettath, 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: **	EM	***************************************	~ D	ate: 2/17/	15	
	e: Steven Yo	ung		714		
COUNTY	F HARRIS)				
STATE OF		j j	88. ₀		1	
personally ap the foregoing	ppeared <u>Steve</u> g instrument <i>a</i>	n Young, kno	own to me to liged to me that in expressed.	be the persor t he executed	whose name the same of the	is subscribed to
THE THE PARTY OF T	OF TEXT	Thumanamum,	Notary or	· Consular O	fficer	

Signature: Emurul	Stantakis	Reference No. Date: March 31,26	. IS12.2786-US-PCT
Printed Name: Emanuel S			
COUNTY OF HARRIS)		
STATE OF TEXAS) ss.)		
personally appeared, known	to me to be the person ged to me that he executherein expressed.	on this 3131 day of Mar whose name is subscribed a uted the same of his own f	to the foregoing

Signature: のみぽ	da-z	Date:	02 17/15	
Printed Name: Balak	rishnan Panamarat	hupalayam	•	
COUNTY OF HARRI	S)			
STATE OF TEXAS) ss.)		2	
BEFORE ME	the undersigned at	uthority, on this	17 day of Fe	bernary 2015,
personally appeared B name is subscribed to	alakrishnan Panam the foregoing instr	<u>arathupalayam,</u> k ument and acknow	nown to me to be ledged to me that	the person whose
same of his own free v	vill for the purposes a	and consideration the	herein expressed.	
		Carol	lu Tour	ly
WHITE AND LOS	William Commencer Commence	Notary or Consul	lar Officer	
The state of the s	10 Table 10			~
AVE OF W	With the state of			
14 16 04.15-7	C. Milling			

Signature:	dymi	I	Date: 2/	17/201	5	
Printed Name	: Changping Sui					
COUNTY OF	HARRIS)				
STATE OF T	EXAS) ss.)				
RFFO	RE ME, the undersig	med authority o	m this 17	day of F	huan	2015
personally ap	peared Changping Su	i, known to me to	be the pers	on whose na	ime is subsc	ribed to
	instrument and acknowledge in the acknowledge in th	_		cuted the sar	me of her o	wn free
	•	(and C	Inn to	four	ኅ
HHI!	ANN ANA SEE SEE SEE SEE SEE SEE SEE SEE SEE SE	Notary o	r Consular (Officer	(+
The manner wanter that the second	OF TEACH					J
Toman	03.15-2018 HINTER					