

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	STEVEN PATTON KNABE	06/08/2015
	IAN BOISVERT	07/08/2015
RECEIVING PARTY DATA		
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PROPERTY NUMBERS Total: 1		
	Property Type	Number
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NAME OF SUBMITTER:	WILLIAM P. JENSEN	
SIGNATURE:	/William P. Jensen/	
DATE SIGNED:	11/20/2015	
Total Attachments: 3		
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ASSIGNMENT

WHEREAS, we, **Gustavo A. Carvajal, Steven Patton Knabe and Ian Boisvert** are the joint inventors of "**Optimizing Oil Recovery and Reducing Water Production in Smart Wells**" for which PCT application papers are being filed concurrently herewith; and

WHEREAS, **Landmark Graphics Corporation ("Landmark")**, a Delaware Corporation, has equitable rights in and to this invention and desires to confirm such rights and to acquire all right, title and interest in and to said invention;

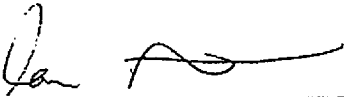
NOW THEREFORE, for valuable consideration received, we hereby sell, assign, and transfer to said **Landmark**, its successors, assigns, and designees all right, title and interest in and to said invention in the United States and in all other countries throughout the world; including without limitation those in and to the above-named application and any continuation, substitute or division application thereof and the patent or patents which may be issued thereon in the United States and any reissue of any such patent, and those in and to any application or patent or utility model in any and all such other countries of the world, and further including the right to file further applications in all countries throughout the world in the name of **Landmark** or whomsoever that company may nominate, and to claim the priority of the above-named PCT application under the International Convention of Paris of 1883.

And we hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States on said invention or resulting from said application and from any and all divisions, continuations, and reissues thereof, to **Landmark**, its successors, assigns, designees or other legal representatives, as assignee of our entire interest, and hereby covenant that we have the full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement in conflict herewith.

And we further hereby covenant and agree that we will, at any time, upon request, execute and deliver any and all papers that may be necessary or desirable to perfect the title of said invention and to such Letters Patent as may be granted therefore, to **Landmark**, its successors, assigns, designees, or other legal representatives and that if **Landmark**, its successors, assigns, designees or other legal representatives shall desire to file any divisional or continuation applications or to secure a reexamination or reissue of such Letters Patent, or to file a disclaimer relating thereto, will upon request, sign all papers, make all rightful oaths and do all lawful acts requisite for the filing of such divisional or continuation application, or such application for reissue and the procuring thereof, and for the filing of such disclaimer, without further compensation but at the expense of said assignee, its successors, designees or other legal representatives.

And we do further covenant and agree that we will, at any time upon request, communicate to **Landmark**, its successors, assigns, designees or other legal representatives, such facts relating to said invention and Letters Patent or the file history thereof as may be known to us, and testify as to the same in any interference or other litigation when requested so to do, without further compensation but at the expense of said assignee, designee, its successors, or other legal representatives.

And we hereby agree that we will upon request execute any instrument which **Landmark**, or whomsoever that company may nominate, desires to carry this assignment in effect, and perfect the title transferred hereby, or to prosecute any of the above-mentioned PCT applications or any foreign application on this invention.



Ian Boisvert

2015-07-08

Date

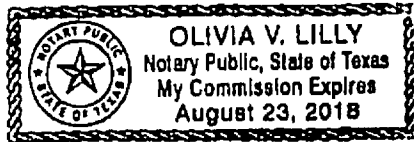
SUBSCRIBED AND SWORN TO BEFORE ME on this the ____ day of _____, 2015, to certify which witness my hand and seal of office.

Notary Public in and for
The State of _____

Steven P. Knabe
Steven Patton Knabe

June 8, 2015
Date

SUBSCRIBED AND SWORN TO BEFORE ME on this the 8 day of June, 2015, to certify which witness my hand and seal of office.



Olivia V. Lilly
Notary Public in and for State of Texas