

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3103370

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	MICHAEL DAVID EWING	08/13/2014
	CATALINA MARIA LUNEBURG	08/13/2014
	DAVID BRYAN JOHANSON	08/13/2014
	SAMMI IGARASHI	08/13/2014
RECEIVING PARTY DATA		
Name:	LANDMARK GRAPHICS CORPORATION	
Street Address:	2107 CITY WEST BLVD., BLDG. 2	
City:	HOUSTON	
State/Country:	TEXAS	
Postal Code:	77042	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	PCT Number:	US1451314
CORRESPONDENCE DATA		
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ATTORNEY DOCKET NUMBER:	33849-823	
NAME OF SUBMITTER:	WILLIAM P. JENSEN	
SIGNATURE:	/William P. Jensen/	
DATE SIGNED:	11/11/2014	
Total Attachments: 5		
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ASSIGNMENT

WHEREAS, we, **Michael David Ewing, Catalina Maria Luneburg, David Bryan Johanson and Sammi Igarashi** are the joint inventors of “**Determining Reserve Estimates for a Reservoir**” for which PCT application papers were submitted on August 15, 2014 and assigned serial number PCT/US2014/51314; 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.

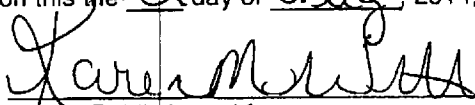
IN TESTIMONY WHEREOF, we have executed this Assignment next to our names below, which shall be effective as of August 16, 2013.

Signature:


Michael David Ewing

8/13/14
Date

SUBSCRIBED AND SWORN TO BEFORE ME on this the 13 day of Aug, 2014, to certify which witness my hand and seal of office.

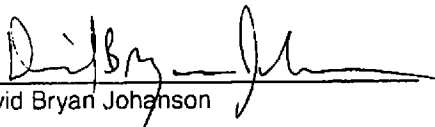

Notary Public in and for
The State of Colorado

Catalina Maria Luneburg
Catalina Maria Luneburg

8-13-2014
Date

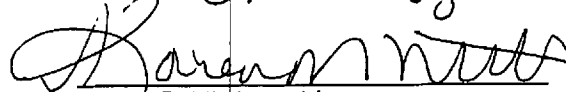
SUBSCRIBED AND SWORN TO BEFORE ME on this the 13 day of Aug, 2014, to certify which
witness my hand and seal of office.

[Signature]
Notary Public in and for
The State of Colorado


David Bryan Johanson

8/13/14
Date

SUBSCRIBED AND SWORN TO BEFORE ME on this the 13 day of Aug. 2014, to certify which
witness my hand and seal of office.


Notary Public in and for
The State of Colorado

Sammi Igarashi
Sammi Igarashi

8/13/2014
Date

SUBSCRIBED AND SWORN TO BEFORE ME on this the 13 day of Aug, 2014, to certify which witness my hand and seal of office.

Karen M. Smith
Notary Public in and for
The State of Colorado