

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT2887492

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ROBELLO SAMUEL	01/17/2012
OLIVIER R. GERMAIN	01/17/2012
UMESH N. REDDY	01/17/2012
R. DANIEL COLVIN	01/20/2012
RAMAKRISHNA R. CHADA	01/17/2012
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	LANDMARK GRAPHICS CORPORATION
<b>Street Address:</b>	2107 CITY WEST BLVD., BLDG. 2
<b>City:</b>	HOUSTON
<b>State/Country:</b>	TEXAS
<b>Postal Code:</b>	77042
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>PCT Number:</b>	US2012021210
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(512)610-3456
<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>Phone:</b>	(512) 610-3410
<b>Email:</b>	rjones@conleyrose.com
<b>Correspondent Name:</b>	MARK E. SCOTT - CONLEY ROSE, P.C.
<b>Address Line 1:</b>	13413 GALLERIA CIRCLE, SUITE 100
<b>Address Line 4:</b>	AUSTIN, TEXAS 78738
<b>ATTORNEY DOCKET NUMBER:</b>	2149-04500
<b>NAME OF SUBMITTER:</b>	MARK E. SCOTT
<b>SIGNATURE:</b>	/mescott/
<b>DATE SIGNED:</b>	06/06/2014
<b>Total Attachments: 6</b>	
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## ASSIGNMENT

IN CONSIDERATION OF TEN DOLLARS (\$10.00) cash in hand paid to us by LANDMARK GRAPHICS CORPORATION, and other valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we, ROBELLO SAMUEL, OLIVIER R. GERMAIN, UMESH N. REDDY, R. DANIEL COLVIN and RAMAKRISHNA R. CHADA ("ASSIGNORS"), having made an invention in **METHOD AND SYSTEM OF PLANNING AND/OR DRILLING WELLBORES**, while in the employ either as an employee or consultant of LANDMARK GRAPHICS CORPORATION, a corporation organized and existing under the laws of the State of Delaware, doing business at Houston, Texas (sometimes hereinafter called "ASSIGNEE"), do hereby ASSIGN, SELL and CONVEY to said ASSIGNEE its successors and assigns, the entire right, title and interest throughout the world in and to:

1. Said invention in **METHOD AND SYSTEM OF PLANNING AND/OR DRILLING WELLBORES**;
2. PCT patent application on said invention, filed December 20, 2011, having Application Ser. No. PCT/US2012/021210, titled "**METHOD AND SYSTEM OF PLANNING AND/OR DRILLING WELLBORES**";
3. All applications for patent or like protection on said invention that have now been or may in the future be made by us or our legal representatives, including any continuation, continuation-in-part and any other utility applications that may be based on this invention, whether in the United States of America or any other place anywhere in the world;
4. All patents and like protection that have now been or may in the future be granted on said invention to us or our legal representatives, whether in the United States of America or in any other country or place anywhere in the world;
5. All substitutions for and divisions, continuations, continuations-in-part, renewals, reissues, extensions, and the like of said applications and patents and like grants, including without limitation, those obtained or permissible under past, present and future laws and statutes;
6. All rights of action on account of past, present and future unauthorized use of said invention and for infringement of said patents and like protection;
7. The right in ASSIGNEE to file in its name applications for patents and

like protection for said invention in any country or countries foreign to the United States; and

- 8. All international rights of priority associated with said invention, applications, patents and like protection;

and we covenant that we, and our heirs, legal representatives, assigns, administrators, and executors, will, at the expense of ASSIGNEE, its successors and assigns, execute all papers and perform such other acts as may be reasonably necessary to give ASSIGNEE, its successors and assigns, the full benefit of this Assignment.

EXECUTED on the date indicated below, opposite my signature.

ASSIGNORS

Date: 01/17/2012

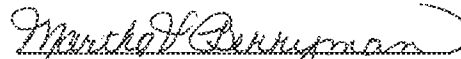
  
ROBELLO SAMUEL

THE STATE OF TEXAS           §  
  §  
COUNTY OF Harris           §

BEFORE ME, the undersigned authority, on this day personally appeared ROBELLO SAMUEL, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

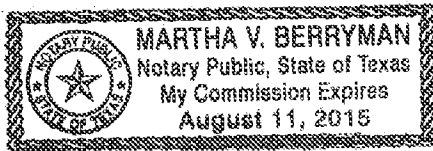
GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 17 day of January, 2012.

[S E A L]

  
Notary Public in and for  
the State of TEXAS

My Commission Expires:

8/11/2015



\*\*\*\*\*

EXECUTED on the date indicated below, opposite my signature.

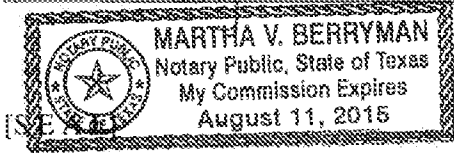
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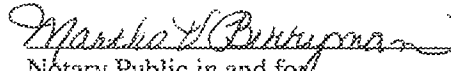
  
OLIVIER R. GERMAIN

THE STATE OF TEXAS           §  
  §  
COUNTY OF Harris           §

BEFORE ME, the undersigned authority, on this day personally appeared OLIVIER R. GERMAIN, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 17 day of January, 2012.



  
Notary Public in and for  
the State of TEXAS

My Commission Expires:  
8-11-2015

\*\*\*\*\*

EXECUTED on the date indicated below, opposite my signature.

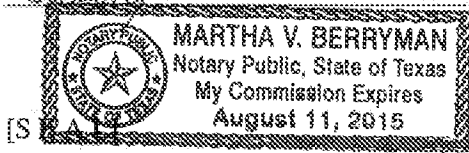
Date: 01/17/2012

*Umesh N. Reddy*  
UMESH N. REDDY

THE STATE OF TEXAS           §  
  §  
COUNTY OF Harris           §

BEFORE ME, the undersigned authority, on this day personally appeared UMESH N. REDDY, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 17 day of January, 2012.



*Martha V. Berryman*  
Notary Public in and for  
the State of TEXAS

My Commission Expires:  
8-11-2015

\*\*\*\*\*

EXECUTED on the date indicated below, opposite my signature.

Date: Jun 20, 2012

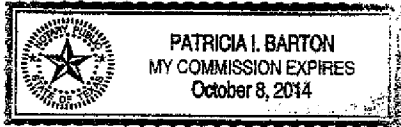
R Daniel Colvin  
R. DANIEL COLVIN

THE STATE OF TEXAS           §  
  §  
COUNTY OF Tarrant           §

BEFORE ME, the undersigned authority, on this day personally appeared R. DANIEL COLVIN, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 20<sup>th</sup> day of January, 2012.

[SEAL]



Patricia I. Barton  
Notary Public in and for  
the State of TEXAS

My Commission Expires:  
8 OCT 2014

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