

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6351646

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
KESHAVA RANGARAJAN	06/06/2018
JOSEPH BLAKE WINSTON	11/09/2018
SRINATH MADASU	08/28/2018
XI WANG	01/24/2019
YOGENDRA NARAYAN PANDEY	09/06/2018
WEI CHIU	08/09/2018
JEFFERY PADGETT	11/19/2018
AIMEE JACKSON TAYLOR	09/23/2019
RECEIVING PARTY DATA	
Name:	LANDMARK GRAPHICS CORPORATION
Street Address:	3000 N. SAM HOUSTON PARKWAY E.
City:	HOUSTON
State/Country:	TEXAS
Postal Code:	77032-3219
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17047837
CORRESPONDENCE DATA	
Fax Number:	(404)815-6555
<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>	
Phone:	404-815-6500
Email:	tlwhite@kilpatricktownsend.com
Correspondent Name:	KILPATRICK TOWNSEND & STOCKTON LLP - HAL
Address Line 1:	1100 PEACHTREE STREET
Address Line 2:	SUITE 2800
Address Line 4:	ATLANTA, GEORGIA 30309
ATTORNEY DOCKET NUMBER:	061429-1212421
NAME OF SUBMITTER:	TAMBRA WHITE
SIGNATURE:	/Tambra White/

PATENT

DATE SIGNED:	10/15/2020
Total Attachments: 9 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif source=Assignment#page4.tif source=Assignment#page5.tif source=Assignment#page6.tif source=Assignment#page7.tif source=Assignment#page8.tif source=Assignment#page9.tif	

**ASSIGNMENT OF INTELLECTUAL PROPERTY RIGHTS
IN PATENT APPLICATION**

Whereas we, the undersigned inventors, have invented certain new and useful innovations as set forth in the patent application entitled:

**OPERATING WELLBORE EQUIPMENT USING A DISTRIBUTED
DECISION FRAMEWORK**

the specification of which was filed with the U.S. Receiving Office of the PCT on August 2, 2018, and assigned application no. PCT/US2018/045016.

For one dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which we acknowledge, we:

1. Agree to assign, transfer, convey, and sell, hereby assign, transfer, convey, and sell and have assigned, transferred, conveyed, and sold to Landmark Graphics Corporation, a corporation of the State of Texas having a principal place of business at 3000 N. Sam Houston Parkway E., Houston, Texas 77032-3219 ("Assignee"), the entire right, title, and interest in and to:
 - (a) all intellectual property (including, without limitation, any innovation, information, invention, discovery, product, process, work or design) disclosed, embodied, shown, or claimed in the above-referenced patent application, implicitly or explicitly;
 - (b) the above-referenced patent application, the right to claim priority to the above-referenced patent application, all applications based in whole or in part upon the above-referenced patent application, including, without limitation, all applications that are a provisional, non-provisional, design, divisional, continuation, continuation-in-part, registration, utility model, industrial design, reissue, renewal, substitute, extension, reexamination, post-grant review, inter partes review, supplemental examination or non-U.S. patent application or application for other rights based in whole or in part on the above-referenced patent application;
 - (c) all patents (including, without limitation, all U.S. and non-U.S. patents, registrations, utility models, industrial designs, design patents, counterparts, continuations, continuations-in-part, divisionals, reissues, renewals, substitutes, extensions, reexaminations, post-grant reviews, inter partes reviews and supplemental examinations) that are granted or issued upon, or that claim priority to, any and all applications described in (b) of this paragraph or that disclose or claim intellectual property described in (a) of this paragraph, in whole or in part; and

- (d) all claims for damages by reason of past infringement of any rights under the applications or patents described in (a), (b) or (c) of this paragraph (including provisional rights to reasonable royalties pursuant to 35 U.S.C. §154(d)) and the right to sue for and collect such damages and royalties for Assignee's own use.
2. Authorize and request the U.S. Patent and Trademark Office or any other U.S. or non-U.S. agency to issue to the Assignee any and all patent(s), or other rights or documents, resulting from the intellectual property, patent application(s) and patents described in paragraph 1 of this Assignment.
 3. Agree to sign all papers and documents, including without limitation, applications, declarations, oaths and petitions, and, at the Assignee's expense, perform any other acts that are necessary in connection with prosecution of patent application(s) or intellectual property described in paragraph 1 of this Assignment and the enforcement of patent(s) or other rights resulting from such patent application(s) or intellectual property.
 4. Agree that the terms, covenants, and conditions of this Assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon us, as well as our heirs, legal representatives, and assigns.
 5. Promise and affirm that we have not entered, and will not enter, into any assignment, contract, or understanding that conflicts with this Assignment.

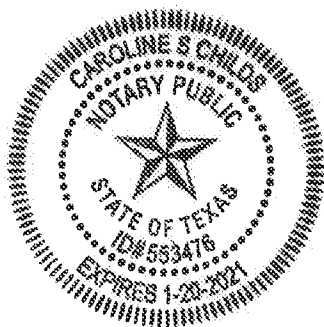
Dated: June 06, 2019

Keshava Rangarajan

STATE OF Texas
COUNTY OF Harris

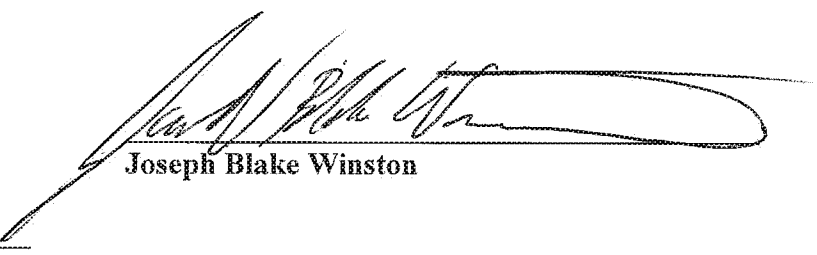
Before me, a Notary Public in and for the State of Texas, on this 6 day of June, 2018, personally appeared Keshava Rangarajan, who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

(Seal)



Caroline S. Chlos
NOTARY PUBLIC
My Commission Expires:

Dated: 9-16-2018

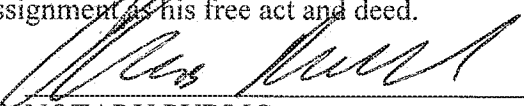

Joseph Blake Winston

STATE OF Texas

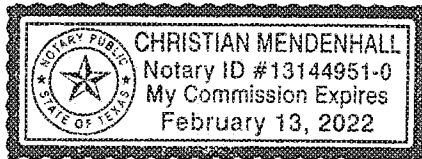
COUNTY OF Harris

Before me, a Notary Public in and for the State of Texas, on this 9 day of November, 2018, personally appeared **Joseph Blake Winston**, who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

(Seal)


NOTARY PUBLIC

My Commission Expires:



Assignment of Intellectual Property Rights in Application

Patent Application Entitled: *Operating Wellbore Equipment Using a Distributed Decision Framework*

Attorney Docket: 061429-1071154 (HES Ref: 2017-IPM-101355 U1 PCT)

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Dated: Aug 28, 2018

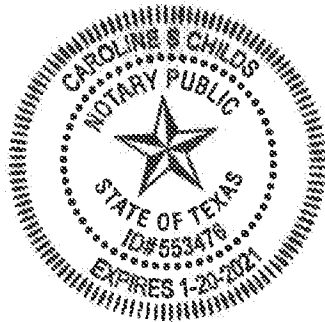
[Signature]
Srinath Madasu

STATE OF Texas
COUNTY OF Harris

Before me, a Notary Public in and for the State of Texas, on this 28 day of August, 2018, personally appeared Srinath Madasu, who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

(Seal)

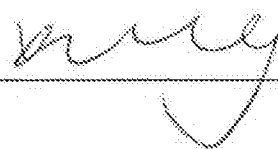
[Signature]
NOTARY PUBLIC
My Commission Expires: July 20, 2021



PATENT

REEL: 054065 FRAME: 0250

Dated: 01/24/2019



Xi Wang

Witness Signature:



Witness Printed Name:

KIRAN VENKATESH

Address:

11601 Alterra Parkway,

Austin, TX

Assignment of Intellectual Property Rights in Application

Patent Application Entitled: *Operating Wellbore Equipment Using a Distributed Decision Framework*

Attorney Docket: 061429-1071154 (HES Ref: 2017-IPM-101355 U1 PCT)

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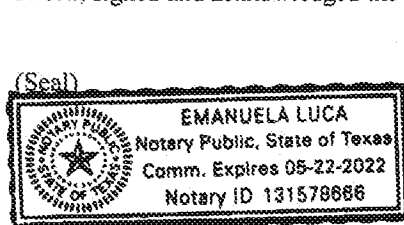
Dated: 9/6/2018

yogendra.
Yogendra Narayan Pandey

STATE OF TEXAS

COUNTY OF HARRIS

Before me, a Notary Public in and for the State of TEXAS, on this 6th day of September 2018, personally appeared Yogendra Narayan Pandey, who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.



Emanuela Luca
NOTARY PUBLIC
My Commission Expires: 5/22/2022

Assignment of Intellectual Property Rights in Application

Patent Application Entitled: *Operating Wellbore Equipment Using a Distributed Decision Framework*

Attorney Docket: 061429-1071154 (HES Ref: 2017-IPM-101355 U1 PCT)

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Dated: 8/9/2018

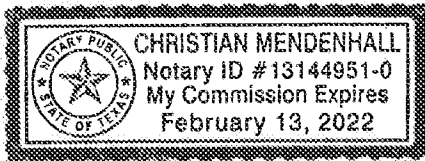
Wei Chiu
Wei Chiu

STATE OF Texas
COUNTY OF Harris


Before me, a Notary Public in and for the State of Texas, on this 9 day of August, 2018, personally appeared Wei Chiu, who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

(Seal)

[Signature]
NOTARY PUBLIC
My Commission Expires:



Dated: 11/19/2018



Jeffery Padgett

STATE OF _____

COUNTY OF _____

Before me, a Notary Public in and for the State of _____, on this ____ day of _____, 2018, personally appeared **Jeffery Padgett**, who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

(Seal)

NOTARY PUBLIC

My Commission Expires:

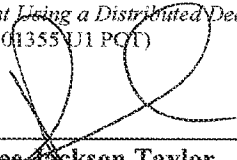
Assignment of Intellectual Property Rights in Application

Patent Application Entitled: *Operating Wellbore Equipment Using a Distributed Decision Framework*

Attorney Docket: 061429-1071154 (HES Ref: 2017-IPM-101355 U1 PQT)

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Dated: 23-Sept-19


Aimee Jackson Taylor

Witness Signature:

Henny K Slettebo

Witness Printed Name:

HENNY K. SLETTEBO

Address:

KARI TRESTAKKV 32

4019 STAVANGER

NORWAY