

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT6473748

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SOUMI CHAKI	12/11/2020
HONGGUEN JO	12/11/2020
TERRY WONG	12/12/2020
YEVGENIY ZAGAYEVSKIY	12/11/2020
DOMINIC CAMILLERI	12/14/2020
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State/Country:	TEXAS
Postal Code:	77032-3219
PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	17136895
PCT Number:	US2067418
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Address Line 2:	S
Address Line 4:	ATLANTA, GEORGIA 30309
ATTORNEY DOCKET NUMBER:	061429-1218461 + 1218462
NAME OF SUBMITTER:	TAMBRA WHITE
SIGNATURE:	/Tambra White/
DATE SIGNED:	12/30/2020

Total Attachments: 6

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**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 provisional patent application entitled:

**ESTIMATING RESERVOIR PRODUCTION RATES USING MACHINE
LEARNING MODELS FOR WELLBORE OPERATION CONTROL**

the specification of which was filed with the U.S. Patent & Trademark Office on December 29, 2020, and assigned application no. 17/136,895.

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 Delaware 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

Assignment of Intellectual Property Rights in Application

U.S. Non-Provisional Patent Application Entitled: *Estimating Reservoir Production Rates Using Machine Learning Models for Wellbore Operation Control*

Attorney Docket: 061429-1218461 (2020-IPM-104372 U1 US)

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- (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.
 6. Authorize Kilpatrick Townsend & Stockton to insert above the application number and filing date of the above-described patent application when known.

Dated: 11-DEC-2020

Soumi Chaki
Soumi Chaki

Witness Signature:

Aritra Chaudhuri

Witness Printed Name:

ARITRA CHAUDHURI

Address:

FLAT-1/E, TEESTA-TIAS CO-OP
HSG, 190 SHANTI PALY,

RAJDANGA, KASBA

KOLKATA - 700107, INDIA

Assignment of Intellectual Property Rights in Application

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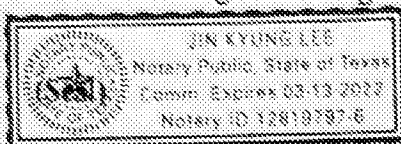
Dated: 12/11/2020

Hongguen Jo
Hongguen Jo

STATE OF Texas

COUNTY OF Travis

Before me, a Notary Public in and for the State of Texas, on this 11 day of December, 2020 personally appeared Hongguen Jo, who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.



NOTARY WITHOUT BOND

J. Lee
NOTARY PUBLIC
My Commission Expires:

PATENT

REEL: 054775 FRAME: 0975

Assignment of Intellectual Property Rights in Application

U.S. Non-Provisional Patent Application Entitled: *Estimating Reservoir Production Rates Using Machine Learning Models for Wellbore Operation Control*

Attorney Docket: 061429-1218461 (2020-IPM-104372 U1 US)

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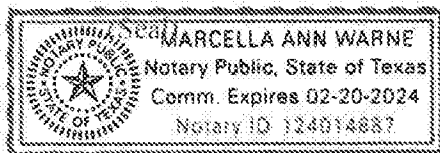
Dated: 12/12/2020

Terry Wong
Terry Wong

STATE OF Texas

COUNTY OF Harris

Before me, a Notary Public in and for the State of Texas, on this 12th day of December, 2020, personally appeared Terry Wong, who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

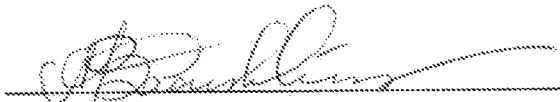


Marcella Ann Warne
NOTARY PUBLIC
My Commission Expires: 02-20-2024

Dated: DEC 11, 2020


Yevgeniy Zagayevskiy

Witness Signature:



Witness Printed Name:

Anna Babushkina

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303 19 Ave SW, Unit 406
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T2S0E1

Dated: 12/14/2020

Dominic Camilleri
Dominic Camilleri

Witness Signature:

Evonda Ison

Witness Printed Name:

Evonda Ison

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20006 Sky Hollow Ln
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