505750791 10/31/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5797604

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|-----------------------------|----------------|
| RAJESH LUHARUKA | 10/30/2019 |
| AMIT BHATIA | 11/11/2017 |
| GARUD BINDIGANAVALE SRIDHAR | 04/17/2017 |
| JONATHAN WUN SHIUNG CHONG | 03/20/2018 |

RECEIVING PARTY DATA

| Name: | SCHLUMBERGER TECHNOLOGY CORPORATION |
|-----------------|-------------------------------------|
| Street Address: | 300 SCHLUMBERGER DRIVE |
| City: | SUGAR LAND |
| State/Country: | TEXAS |
| Postal Code: | 77478 |

PROPERTY NUMBERS Total: 1

| Property Type | Number | | | | | |
|---------------------|----------|--|--|--|--|--|
| Application Number: | 15316208 | | | | | |

CORRESPONDENCE DATA

Fax Number:

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.

Email: kdumas-scarber@slb.com

Correspondent Name: KRISTINE DUMAS-SCARBER
Address Line 1: 10001 RICHMOND AVENUE

Address Line 2: ROOM 4720

Address Line 4: HOUSTON, TEXAS 77042

| ATTORNEY DOCKET NUMBER: | IS14.8638-US-PCT |
|-------------------------|--------------------------|
| NAME OF SUBMITTER: | KRISTINE DUMAS-SCARBER |
| SIGNATURE: | /KRISTINE DUMAS-SCARBER/ |
| DATE SIGNED: | 10/31/2019 |

Total Attachments: 7

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PATENT 505750791 REEL: 050878 FRAME: 0199

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PATENT REEL: 050878 FRAME: 0200

Assignment

WHEREAS, the undersigned inventors hereinafter referred to as the "Inventors," each said Inventor being listed below:

Rajesh Luharuka, a citizen of India;

Amit Bhatia, a citizen of India;

Garud Bindiganavale Sridhar, a citizen of India; and

Jonathan Wun Shiung Chong, a citizen of Malaysia;

Has/have invented certain new and useful improvements in

VISUAL AND THERMAL IMAGE RECOGNITION BASED PHM TECHNIQUE FOR WELLSITE

as described and set forth in the International application filed on June 5, 2015 under Serial Number PCT/US2015/034580, (Docket No. IS14.8638-WO-PCT2) this assignment is effective as of June 5, 2015.

AND WHEREAS, the "COMPANIES", listed in Schedule A, are desirous of acquiring or confirming their acquisition of the entire right, title and interest in and to said invention, inventions or improvements, and in and to said application, and in and to any and all patents, both of the United States and of all foreign countries, that may be obtained therefore as outlined in Schedule A;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that the undersigned Inventors, for good and valuable considerations, the receipt and sufficiency of which hereby acknowledge, have sold, assigned, transferred and conveyed, and by this assignment do sell, assign, transfer and convey, unto said COMPANIES, their successors and assigns, the entire right, title and interest throughout the world, in and to the above-described invention, inventions or improvements described or set forth in said application, in any form or embodiment thereof, and in and to said application, and in and to any applications filed in any foreign country based thereon, including the right to file foreign applications under the provisions of any convention or treaty; and in and to any confirmation, divisional, continuation, continuation-in-part, or substitute application which may be filed on said invention, inventions or improvements in the United States or in any foreign country; and in and to any and all patents, certificates, utility models, reissues, extensions, additions or confirmations thereof which may be granted in the United States or in any foreign country upon said invention, inventions or improvements,

TO HAVE AND TO HOLD the same to the full end of the term or terms for which any and all such United States and foreign patents and grants may be issued on said invention, inventions or improvements.

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PATENT REEL: 050878 FRAME: 0201 AND said Inventors do hereby authorize and request the issuing authority to issue any and all of said United States and foreign patents on said application or applications to said COMPANIES, their successors and assigns, as the assignee of the entire right, title and interest in and to the same, for the sole use and benefit of said COMPANIES, their successors and assigns.

AND said Inventors do hereby covenant and warrant that said Inventors have full right to convey the entire right, title and interest herein assigned free and clear of all licenses, encumbrances and liens whatsoever, and that no said Inventors has executed and will execute any instruments in conflict herewith.

AND said Inventors, for the conditions aforesaid, do hereby covenant and agree to and with the said COMPANIES, their successors and assigns, that each Inventor, his or her executors, administrators, or other personal representatives, shall and will do all lawful acts and things, make all rightful oaths, and make, execute and deliver any and all other instruments in writing, and any and all further applications, papers, powers, affidavits, assignments, disclaimers and other documents, which in the opinion of counsel for said COMPANIES, their successors and assigns, may be required or necessary in this or in any foreign country more effectually to secure to and vest in said COMPANIES, their successors and assigns, the entire right, title and interest in and to said invention, inventions or improvements, application or applications, patents, rights, titles, benefits, privileges, and advantages hereby sold, assigned, confirmed, transferred and conveyed.

This Agreement is entered in contemplation of and shall be construed in accordance with the laws of the State of Texas, and may not be amended or modified unless in a subsequent writing executed by the **COMPANIES**.

PATENT REEL: 050878 FRAME: 0202

Docket Number IS14.8638-WO-PCT2

| IN WITNESS WHEREOF I, Rajesh Luharuka, hav | Rajest Luhaut |
|---|--|
| | Rajesh Luharuka |
| STATE OF TEXAS | |
| COUNTY OF Hamis | |
| BEFORE ME this 30 day of 10000 Luharuka, to me known to be the person who is descrassignment instrument and acknowledged to me that he for the purpose therein expressed. | ibed in and who executed the foregoing |
| DEBRA MILLER Notary Public, State of Texas | Notary Public |

Notary ID 131601916

| Private Willer Co. L. Amid Min. 1987 - N. S. | The trave interpretation for hand and seal the 11 (2017) |
|--|---|
| | Amit Bhatu |
| STATE OF HARMAN STATES | |
| somethic desired | |
| BEHORE ME that I have a factor of the common terms of the common t | Liveries And Photos and Appeared And Photos to execute the foregoing assumment to the execute the foregoing assumment to the execute the foregoing assumment to the execute the foregoing assument to the execute the foregoing assument to the execute the foregoing assument to the execute the execute the foregoing assument. |
| | English Shirted PAR |

Docket Number IS14.8638-WO-PCT2

| IN WITNESS WHEREOF I, Garud Bindiganavale Sa seal this | |
|--|--|
| | · A N |
| | Garud Bindiganavale Sridhar |
| STATE OF TEXAS | |
| COUNTY OF FORT BEND | the second of the second of the second |
| BEFORE ME this day of Bindiganavale Sridhar, to me known to be the person w foregoing assignment instrument and acknowledged to n free will for the purpose therein expressed. | |
| Sea Cynthia systyn 1000 Notary Public, State of Texas Comm. Expires 11-09-2019 Notary 10 12630825-3 | Notary Public |

| IN. | WITN | ESS | WE | IEREOF I, | Jonathan | Wun | Shiung | Chong, | have | hereur | ito s | et n | ıy b | iand | and |
|-------|--------|------------|----|-----------|----------|--------------|--------|--------|------|--------|-------|------|------|------|-----|
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Jonathan Wun Shiung Cho

STATE OF TEXAS

COUNTY OF FORT BEND

BEFORE ME this 20th day of March, 2016, personally appeared Jonathan Wun Shiung Chong, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.

YUKIKO TSUKUDA BENNYHOFF Notary Public, State of Texas Comm. Expires 06-31-2021 Netary ID 131150145 Unit Beny Wolf

Schedule A "COMPANIES"

Schlumberger Technology Corporation, a corporation duly organized, incorporated and existing under the laws of the State of Texas and having a place of business at 300 Schlumberger Drive, Sugar Land, Texas 77478, United States of America

as assignee for the United States

Schlumberger Canada Limited, a corporation duly organized, incorporated and existing under the laws of Canada and having a place of business at 125 – 9 Avenue SF, Calgary, Alberta, Canada T2G 0P6 as assignee for Canada

Services Petroliers Schlumberger, a corporation duly organized, incorporated and existing under the laws of France and having a place of business at 42, rue Saint Dominique, 75007 Paris, France as assignee for France

GeoQuest Systems B.V., a corporation duly organized, incorporated and existing under the laws of The Netherlands and having a place of business at Gevers Deynootweg 61, 2586 BJ, The Hague, The Netherlands as assignce for GCC and all other countries not otherwise listed.

PATENT REEL: 050878 FRAME: 0207

RECORDED: 10/31/2019

Rev. 5-26-16