505914386 02/13/2020

PATENT ASSIGNMENT COVER SHEET

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

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------|----------------|
| OLIVIER BRUANDET | 11/20/2019 |

RECEIVING PARTY DATA

| Name: | SANDVIK INTELLECTUAL PROPERTY AB | |
|-----------------|----------------------------------|--|
| Street Address: | 811 81 | |
| City: | SANDVIKEN | |
| State/Country: | SWEDEN | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 16617841 |

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.

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| ATTORNEY DOCKET NUMBER: | SMRT 14788WOUS |
|-------------------------|------------------|
| NAME OF SUBMITTER: | CORINNE GORSKI |
| SIGNATURE: | /Corinne Gorski/ |
| DATE SIGNED: | 02/13/2020 |

Total Attachments: 1

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PATENT 505914386 REEL: 051806 FRAME: 0740

ATTORNEY DOCKET NO.: SMRT 14788WOUS SOLE/JOINT INVENTION (U.S. Rights Only)

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

DOWN THE HOLE DRILLING MACHINE AND METHOD FOR DRILLING ROCK

WHEREAS, SANDVIK INTELLECTUAL PROPERTY AB, a corporation of Sweden, whose post office address is 811 81 Sandviken, SE (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to issue upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to ME/US respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

| and Power of Attorney in this application, to in | equest the attorneys I/WE have empower usert here in parenthesis (Application No. number of said application when known | , filed |
|--|---|--------------------|
| IN TESTIMONY WHEREOF, I/WE b | ave hereunto set our hand(s) | |
| Full Name of First Assignor Olivier BRUANDET | Assignor's Signature | Date 20/11/2018 |
| c/o Pihtisulunkatu 9, 33311 Tampere, FI | | Citizenship French |
| Names of additional inventors attached Yes | ⊠ No | |

PATENT REEL: 051806 FRAME: 0741

RECORDED: 02/13/2020