

PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| CONNOR KRAFT | 05/09/2016 |
| ANNA NORDSTRAND | 05/11/2016 |
| RECEIVING PARTY DATA | |
| Name: | SANDVIK INTELLECTUAL PROPERTY AB |
| Street Address: | SE-811 81 |
| City: | SANDVIKEN |
| State/Country: | SWEDEN |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 15037092 |
| CORRESPONDENCE DATA | |
| Fax Number: | (614)438-2835 |
| <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> | |
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| Correspondent Name: | MARIA C. POLLICK |
| Address Line 1: | 6325 HUNTLEY ROAD |
| Address Line 4: | WORTHINGTON, OHIO 43085 |
| ATTORNEY DOCKET NUMBER: | SM 14236WOUS |
| NAME OF SUBMITTER: | MARIA C. POLLICK |
| SIGNATURE: | /Maria C. Pollick/ |
| DATE SIGNED: | 05/17/2016 |
| Total Attachments: 2 | |
| source=14236WOUS signed Assignment Nordstrand#page1.tif | |
| source=14236WOUSsignedAssignment Conny Kraft#page1.tif | |

ASSIGNMENT

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

DOWN-THE-HOLE HAMMER DRILL BIT ASSEMBLY

WHEREAS, SANDVIK INTELLECTUAL PROPERTY AB, a corporation of Sweden, whose post office SE-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, I/WE HEREBY authorize and request the attorneys I/WE have empowered in the Declaration and Power of Attorney in this application, to insert here in parenthesis (Application No. , filed) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, I/WE have hereunto set our hand(s).

| | | |
|--|--|-------------------|
| Full Name of Sole or First Assignor KRAFT, Conny | Assignor's Signature | Date |
| Address: Skolgatan 2E, S-811 33 Sandviken (SE) | | Citizenship SE |
| Full Name of Second Assignor NORDSTRAND, Anna | Assignor's Signature <i>Anna Nordstrand</i> | Date 20140511 |
| Address: Gustavsgatan 6, S-802 66 Gavle (SE) | | Citizenship SE |

Names of additional inventors attached Yes No

ATTORNEY DOCKET NO.: SM 14236WOUS
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 HAMMER DRILL BIT ASSEMBLY


WHEREAS, SANDVIK INTELLECTUAL PROPERTY AB, a corporation of Sweden, whose post office SE-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, I/WE HEREBY authorize and request the attorneys I/WE have empowered in the Declaration and Power of Attorney in this application, to insert here in parenthesis (Application No. , filed) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, I/WE have hereunto set our hand(s).

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|--|--|---------------------------|
| Full Name of Sole or First Assignor KRAFT, Conny | Assignor's Signature  | Date 2016-05-09 |
| Address: Byrångesvägen 20, S-811 92 Sandviken (SE) | | Citizenship SE |
| Full Name of Second Assignor NORDSTRAND, Anna | Assignor's Signature | Date |
| Address: Waldenstromsgatan 5B, S-802 80 Gavle (SE) | | Citizenship SE |

Names of additional inventors attached Yes No