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| PATENT ASSIGNMENT COVER SHEET |
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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| VAREL INTERNATIONAL IND., L.P. | 08/29/2019 |
| RECEIVING PARTY DATA | |
| Name: | VAREL MINING AND INDUSTRIAL LLC |
| Street Address: | 1625 WEST CROSBY ROAD, SUITE 124 |
| City: | CARROLLTON |
| State/Country: | TEXAS |
| Postal Code: | 75006-6694 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 14079362 |
| CORRESPONDENCE DATA | |
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| <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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| ATTORNEY DOCKET NUMBER: | VT-12-014 US |
| NAME OF SUBMITTER: | KENYON Y. RIPPLE |
| SIGNATURE: | /Kenyon Y. Ripple/ |
| DATE SIGNED: | 09/06/2019 |
| Total Attachments: 3 | |
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| source=Dominus Assignment Signed#page3.tif | |

ASSIGNMENT

THIS ASSIGNMENT, by Varel International Ind., LLC (formerly, Varel International Industries, L.P.), (hereinafter referred to as "the Assignor"), having its principal place of business at 1625 West Crosby Road, Suite 124, Carrollton, Texas 75006-6694, witnesseth:

WHEREAS, the Assignor is the owner of certain new and useful improvements and inventions set forth in the patent applications and patents set forth in EXHIBIT A;

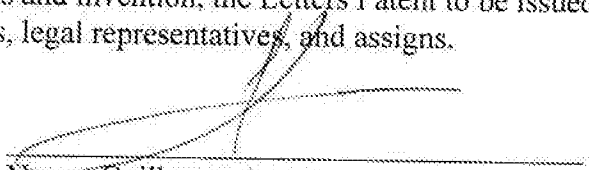
WHEREAS, Varel Mining and Industrial LLC, (hereinafter referred to as "the Assignee") having its principal place of business at 1625 West Crosby Road, Suite 124, Carrollton, Texas 75006-6694, is desirous of acquiring the entire right, title, and interest in and to said improvements and inventions, the right to file applications on said improvements and inventions and the entire right title and interest in and to any applications, including provisional application for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, obtained or to be obtained therefore and thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignor have sold, assigned transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned improvements and inventions, the right to file applications on said improvements and inventions and the entire right, title and interest in and to any applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that have been or may be granted therefore and thereon, and in and to any and all applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent of Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made;

AND for the same consideration, the Assignor hereby covenant and agree to and with the Assignee, its successors, legal representative, and assigns that the Assignor will, whenever counsel of its successors, legal representatives ,and assigns, shall advise that any proceeding in connection with said improvements and inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said improvements and inventions in any country, including interference proceedings, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said improvements and inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignor hereby request the Director of the U.S. Patent and Trademark Office to update the ownership of and to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said improvements and invention, the Letters Patent to be issued for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

DATE 08/29/2019



Name: Guillermo Aponte
Title: President
Varel International Ind., LLC (formerly, Varel International Industries, L.P.)
1625 West Crosby Road, Suite 124
Carrollton, Texas 75006-6694

EXHIBIT A

| | Title | Docket No. | Filing Date | Country | Application No | Publication No | Registration No | Expiration Date |
|---|--|------------------|-------------|---------|----------------|----------------|-----------------|-----------------|
| 1 | DOWNHOLE TOOL RETAINER AND GUIDE RING | VT-11-001 DIV US | 2015-04-08 | US | 14/681,401 | 2015-0218892 | 9,695,647 | 12/4/2032 |
| | | VT-11-001 EP | 2012-12-04 | EP | 12856794.8 | 2791453 | | 12/4/2032 |
| | | VT-11-001 RU | 2012-12-04 | RU | 2014119518 | | 2605103 | 12/4/2032 |
| | | VT-11-001 US | 2012-12-04 | US | 13/693,663 | 2013-0153208 | 9,291,006 | 11/12/2033 |
| 2 | DOUBLE WALL FLOW TUBE FOR PERCUSSION TOOL | VT-12-012 US | 2013-11-13 | US | 14/079,323 | 2015-0129315 | 9,415,496 | 9/9/2034 |
| | | VT-12-012WOAU | 2014-11-13 | AU | 2014348576 | 2014348576 | 2014348576 | 11/13/2034 |
| | | VT-12-012WOZA | 2014-11-13 | ZA | 2016/03170 | | | 11/13/2034 |
| 3 | TOP MOUNTED CHOKE FOR PERCUSSION TOOL | VT-12-013 US | 2013-11-13 | US | 14/079,342 | 2015-0129316 | 9,404,342 | 8/28/2034 |
| | | VT-12-013 ZA | 2014-11-13 | ZA | 2016/03177 | | 2016/03177 | 11/13/2034 |
| | | VT-12-013WOAU | 2014-11-13 | AU | 2014348579 | | 2014348579 | 11/13/2034 |
| 4 | COATING OF THE PISTON FOR A ROTATING PERCUSSION SYSTEM IN DOWNHOLE DRILLING | VT-12-014 US | 2013-11-13 | US | 14/079,362 | 2015-0129308 | 9,328,558 | 7/8/2034 |
| | | VT-12-014 ZA | 2014-11-13 | ZA | 2016/03179 | | 2016/03179 | 11/13/2034 |
| | | VT-12-014WOAU | 2014-11-13 | AU | 2014348584 | | 2014348584 | 11/13/2034 |
| 5 | FIELD REMOVABLE CHOKE FOR MOUNTING IN THE PISTON OF A ROTARY PERCUSSION TOOL | VT-13-025 CIP US | 2014-02-13 | US | 14/179,867 | 2015-0129317 | 9,562,392 | 12/13/2034 |
| | | VT-13-025WOAU | 2015-02-06 | AU | 2015217429 | WO 2015/123114 | 2015217429 | 2/6/2035 |
| | | VT-13-025WOZA | 2015-02-06 | ZA | 2016/04776 | | | |
| 6 | DOWNHOLE PERCUSSION TOOL - Renegade Patent | VT-15-001 US | 2005-11-04 | US | 11/266,968 | 2007-0102196 | 7,377,338 | 7/25/2026 |
| 7 | MODIFIED SURFACE PROPERTIES OF PERCUSSION TOOLS USED IN DOWNHOLE DRILLING | VT-15-006 US | 2015-09-30 | US | 14/870,847 | 2017-0088932 | 9,951,409 | 6/7/2036 |
| | | VT-15-006 USC1 | 2018-03-16 | US | 15/923,217 | 2018-0202033 | | |
| | | VT-15-006AU | 2016-09-20 | AU | 2016231478 | | 2016231478 | 9/20/2036 |
| | | VT-15-006ZA | 2016-08-30 | ZA | 2016/06001 | | | |

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