

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | PATENT AND TRADEMARK SECURITY AGREEMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| J-MAC TOOL. INC. | 10/05/2015 |
| RECEIVING PARTY DATA | |
| Name: | WELLS FARGO BANK, NATIONAL ASSOCIATION |
| Street Address: | 1000 LOUISIANA STREET, 9TH FLOOR |
| City: | HOUSTON |
| State/Country: | TEXAS |
| Postal Code: | 77002 |
| PROPERTY NUMBERS Total: 11 | |
| Property Type | Number |
| Patent Number: | 7891374 |
| Patent Number: | 7857517 |
| Patent Number: | 7895919 |
| Patent Number: | 7950322 |
| Patent Number: | 7909057 |
| Patent Number: | 8998593 |
| Patent Number: | 8584700 |
| Application Number: | 13678067 |
| Application Number: | 14199658 |
| Application Number: | 14199598 |
| Application Number: | 14357507 |
| CORRESPONDENCE DATA | |
| Fax Number: | |
| <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> | |
| Phone: | 713-223-2300 |
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| Correspondent Name: | BRACEWELL & GIULIANI LLP |
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| Address Line 4: | HOUSTON, TEXAS 77208 |

| | |
|---|--------------------------|
| ATTORNEY DOCKET NUMBER: | 088599.000049 |
| NAME OF SUBMITTER: | TRACI LANDGRAF |
| SIGNATURE: | /constance g. rhebergen/ |
| DATE SIGNED: | 10/07/2015 |
| Total Attachments: 8 source=SecurityAgreement#page1.tif source=SecurityAgreement#page2.tif source=SecurityAgreement#page3.tif source=SecurityAgreement#page4.tif source=SecurityAgreement#page5.tif source=SecurityAgreement#page6.tif source=SecurityAgreement#page7.tif source=SecurityAgreement#page8.tif | |

PATENT AND TRADEMARK SECURITY AGREEMENT

This Patent and Trademark Security Agreement dated as of October 5, 2015 (this "Patent and Trademark Security Agreement"), is made by and between J-MAC TOOL, INC., a Texas corporation ("Grantor"), and Wells Fargo Bank, National Association, as administrative agent (in such capacity, the "Administrative Agent"), for the ratable benefit of the Secured Parties (as defined in the Credit Agreement referenced below). Capitalized terms used herein and not otherwise defined herein shall have the meanings assigned to such terms in the Pledge and Security Agreement (as defined below) and the Credit Agreement (as defined below), as applicable.

Preliminary Statement

Forum Energy Technologies, Inc., a Delaware corporation ("Borrower"), and Administrative Agent are parties to that certain Second Amended and Restated Credit Agreement dated as of November 26, 2013 (as amended, restated, supplemented or otherwise modified from time to time, the "Credit Agreement"), among Borrower, the lenders party thereto from time to time, the issuing lenders party thereto from time to time, Administrative Agent, and Wells Fargo Bank, National Association, as swing line lender. It is a requirement under the Credit Agreement that each Grantor that owns Patent Collateral or Trademark Collateral shall enter into a security agreement and grant to Administrative Agent, for the benefit of the Secured Parties, a security interest in such Patent Collateral and Trademark Collateral to secure its obligations arising under or pursuant to the Credit Agreement.

Grantor owns the patents, patent registrations, patent applications, trademarks, trademark registrations, and trademark applications, and is party to the patent and trademark licenses listed on Schedule I annexed hereto and by this reference incorporated herein.

Pursuant to the terms of that certain Pledge and Security Agreement dated as of August 2, 2010 (as heretofore supplemented and as the same may be amended, supplemented and in effect from time to time, the "Pledge and Security Agreement"), among the Borrower, the grantors party thereto from time to time (the "Pledge and Security Grantors"), and the Administrative Agent for the ratable benefit of the Secured Parties, the Pledge and Security Grantors have granted a security interest in the Collateral (as defined in the Pledge and Security Agreement) including, without limitation, all right, title and interest of Grantor in, to, and under all now owned and hereafter acquired Patent Collateral and Trademark Collateral, set forth on Schedule I attached hereto, to secure the payment of all Secured Obligations.

Agreement

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Grantor hereby grants to the Administrative Agent for the ratable benefit of the Secured Parties a security interest in all its right, title, and interest in, to, and under the following, whether presently existing or hereafter created or acquired (the "Patent and Trademark Collateral"):

(a) (i) all letters patent throughout the world, all registrations and recordings thereof and all applications for letters patent throughout the world, including registrations, recordings and pending applications in the United States Patent and Trademark Office, (ii) all reissues, divisions, continuations, continuations-in-part, extensions, renewals or reexaminations thereof and the inventions disclosed or claimed therein, including the right to make, have made, use, sell, offer to sell, and import into the United States, the inventions disclosed or claimed therein; including but not limited to all the property set forth as "Patents" on Schedule I hereto, and (iii) all patent licenses, and other agreements providing Grantor with the right to use any items of the type referred to in clauses (i) and (ii) above;

(b) (i) all trademarks, trade names, corporate names, company names, business names, fictitious business names, trade styles, service marks, certification marks, collective marks, logos, other source or business identifiers, designs and general intangibles of like nature, now existing or hereafter adopted or acquired, whether currently in use or not, all registrations and recordings thereof, and all registration applications filed in connection therewith, whether pending or in preparation for filing, including registrations, recordings and applications in the United States Patent and Trademark Office or in any office or agency of the United States of America, or any State thereof or any other country or political subdivision thereof or otherwise, and all common-law rights relating to the foregoing, and all extensions or renewals thereof, (ii) all trademark licenses for the grant by or to Grantor of any right to use any trademark, (iii) all goodwill associated therewith or symbolized thereby, and (iv) all other assets, rights and interests that uniquely reflect or embody such goodwill; including but not limited to all the property set forth as "Trademarks" on Schedule I hereto; and

(c) all products and proceeds of, and rights associated with, the foregoing (including licenses, royalties income, payments, claims, damages and proceeds of infringement suits), including, without limitation, any claim by Grantor against third parties for past, present or future (a) infringement or dilution of any patent, trademark, or patent or trademark registrations referred to in Schedule I annexed hereto, the patent or trademark registrations issued with respect to the patent or trademark applications referred to in Schedule I and the trademarks licensed under any trademark license, (b) injury to the goodwill associated with any patent, trademark, patent or trademark registration, or patent or trademark licensed under any patent or trademark license, or (c) breach or enforcement of any patent license, any trademark license and all rights corresponding thereto throughout the world;

provided that in no event shall the term "Patent and Trademark Collateral" include any asset or property of Grantor which would be rendered void or voidable, or which if included in Patent and Trademark Collateral would violate, be prohibited by, or constitute a default under any agreement, contract, document or law relating thereto, would require any consent which has not been obtained, or would result in the incurrence or imposition of any penalty upon Grantor or any Subsidiary as a result of a grant of a security interest in such asset or property.

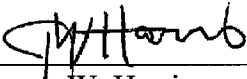
This security interest is granted in conjunction with the security interests granted to Administrative Agent for the ratable benefit of the Secured Parties pursuant to the Pledge and Security Agreement. Grantor hereby acknowledges and affirms that the rights and remedies of Secured Parties with respect to the security interest in the Patent and Trademark Collateral made and granted hereby are more fully set forth in the Pledge and Security Agreement, the terms and provisions of which are incorporated by reference herein as if fully set forth herein.

[Remainder of this page intentionally left blank. Signature pages to follow.]

IN WITNESS WHEREOF, the Administrative Agent and Grantor have caused this Patent and Trademark Security Agreement to be duly executed by its officer duly authorized as of the date first above written.

GRANTOR:

J-MAC TOOL, INC.

By: 
James W. Harris
President

ADMINISTRATIVE AGENT:

**WELLS FARGO BANK,
NATIONAL ASSOCIATION,**
as Administrative Agent

By: 
Name: ROBERT CORDER
Title: DIRECTOR

SCHEDULE I**Item A - Patent Collateral**

| Application Type | Filing Date | Application No. | Status | Title | Patent No. / Registration No. |
|-------------------------|--------------------|------------------------|-----------------------------|--|--------------------------------------|
| Provisional | 11/10/11 | 61/558,311 | Converted as PCT/US12/64806 | Pressurized Packing System for Reciprocating Piston Pumps | N/A |
| Provisional | 11/10/11 | 61/558,317 | Converted as PCT/US12/64806 | Straight Seal System for Reciprocating Piston Pumps | N/A |
| Provisional | 11/10/11 | 61/558,323 | Converted as PCT/US12/64806 | Peanut Shaped Intersection for Reciprocating Piston Pumps | N/A |
| Provisional | 11/10/11 | 61/558,330 | Converted as PCT/US12/64806 | Dual Guided Valve System for Reciprocating Piston Pumps | N/A |
| Provisional | 11/10/11 | 61/558,333 | Converted as PCT/US12/64806 | Recirculating Manifold for Reciprocating Piston Pumps | N/A |
| Provisional | 11/17/11 | 61/561,156 | Converted as PCT/US12/64806 | Rock Screen Insert for Reciprocating Piston Pumps | N/A |
| Provisional | 01/10/12 | 61/585,067 | Converted as PCT/US12/64806 | Fluid End with Peanut-Shaped Intersection and Straight Seat Decks for Reciprocating Piston Pumps | N/A |
| Provisional | 03/06/13 | 61/773,452 | Converted as 14/199,658 | Overpressurization Bypass for Fluid Valve | N/A |
| Provisional | 03/06/13 | 61/773,637 | Converted as 14/199,598 | Stud for Fluid Valve | N/A |

| Application Type | Filing Date | Application No. | Status | Title | Patent No. / Registration No. |
|-------------------------|--------------------|------------------------|-------------------------------------|---|--------------------------------------|
| Provisional | 03/15/13 | 61/794,043 | Expired | Anti-Cavitation Plunger for Positive Displacement Plunger Pumps | N/A |
| Provisional | 09/25/13 | 61/882,036 | Expired | Casement Fluid End | N/A |
| Provisional | 03/04/14 | 61/947,677 | Converted as 14/638,813 | Figure Eight Pinion Bearing Support | N/A |
| | | | | | |
| China | 09/20/12 | 201220483992.4 | Issued 04/17/13 | Straight Seal System for Reciprocating Piston Pumps (Chinese Utility Model) | ZL 201220483992.4 |
| China | 06/25/14 | 201280064560.2 | Pending | Pump System | |
| | | | | | |
| U.S. Utility | 05/12/09 | 12/453,452 | Abandoned | Discharge Valve | N/A |
| U.S. Utility | 05/12/09 | 12/453,461 | Issued 02/22/11 | Suction Valve - Pat. No. 7,891,374 | 7,891,374 |
| U.S. Utility | 06/12/09 | 12/457,501 | Issued 12/28/10 | Connecting Rod Bearing Housing - Pat. No. 7,857,517 | 7,857,517 |
| U.S. Utility | 06/12/09 | 12/457,506 | Issued 03/01/11 | Connecting Rod - Pat. No. 7,895,919 | 7,895,919 |
| U.S. Utility | 10/09/09 | 12/588,269 | Issued 05/31/11 | Plunger Assembly - Pat. No. 7,950,322 | 7,950,322 |
| U.S. Utility | 12/01/09 | 12/592,648 | Issued 03/22/11 | Valve Insert - Pat. No. 7,909,057 | 7,909,057 |
| U.S. Utility | 01/29/10 | 12/657,944 | Abandoned | Fluid End | N/A |
| U.S. Utility | 02/24/10 | 12/659,084 | Issued 04/07/15 | Fluid End Assembly | 8,998,593 |
| U.S. Utility | 04/26/11 | 13/066,818 | Issued 11/19/13 | Discharge Valve | 8,584,700 |
| U.S. Utility | 11/15/12 | 13/678,067 | RCE Filed 08/24/15 | Dove-Tail Clamp | |
| U.S. Utility | 03/06/14 | 14/199,658 | Final Office Action Issued 09/11/15 | Overpressurization Bypass for Fluid Valve | |

| Application Type | Filing Date | Application No. | Status | Title | Patent No. / Registration No. |
|------------------|-------------|-----------------|---|--------------------------|-------------------------------|
| U.S. Utility | 03/06/14 | 14/199,598 | Non-Final Office Action Issued 08/14/15 | Plug Valve Actuator Stem | |
| U.S. Utility | 05/09/14 | 14/357,507 | Published 10/30/14 | Pump System | 2014-0322050 |
| PCT | 11/13/12 | PCT/US12/64806 | Done | Pump System | N/A |

Item B - Trademark Collateral

| Application Type | Filing Date | Application No. | Status | Title | Patent No. / Registration No. |
|------------------|-------------|-----------------|---------------------|------------------------------|-------------------------------|
| Trademark | 10/07/13 | 86/084,828 | Registered 06/03/14 | JMAC (Words and Design) - TM | 4,542,996 |
| Trademark | 9/28/08 | 77/580,596 | Registered 2/9/2010 | FRACXTREME | 3,747,557 |
| China - TM | 08/31/12 | 11428147 | Registered 02/07/14 | FRACXTREME - TM | 11428147 |
| China - TM | 02/18/14 | 14034349 | Pending | JMAC (Words and Design) - TM | |