

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

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|--|--------------------------|
| SUBMISSION TYPE:   | NEW ASSIGNMENT           |
| NATURE OF CONVEYANCE:  | RELEASE BY SECURED PARTY |
| CONVEYING PARTY DATA   |                          |
| Name   | Execution Date           |
| Regions Bank   | 04/24/2012               |
| RECEIVING PARTY DATA   |                          |
| Name:  | GJS Holding Company LLC  |
| Street Address:  | 11027 Lucerne Street     |
| City:  | Houston                  |
| State/Country:   | TEXAS                    |
| Postal Code:   | 77016                    |
| PROPERTY NUMBERS Total: 2  |                          |
| Property Type  | Number                   |
| Patent Number:   | 7347287                  |
| Application Number:  | 11241039                 |
| CORRESPONDENCE DATA  |                          |
| Fax Number:  | (713)221-2172            |
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| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>  |                          |
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| Address Line 1:  | 711 Louisiana Street     |
| Address Line 2:  | Suite 2300               |
| Address Line 4:  | Houston, TEXAS 77002     |
| ATTORNEY DOCKET NUMBER:  | 088599.000077            |
| NAME OF SUBMITTER:   | Kimberly Wattner         |
| Total Attachments: 5<br>source=Logan - Release of Lien - Patents#page1.tif<br>source=Logan - Release of Lien - Patents#page2.tif<br>source=Logan - Release of Lien - Patents#page3.tif<br>source=Logan - Release of Lien - Patents#page4.tif<br>source=Logan - Release of Lien - Patents#page5.tif |                          |

OP \$80.00 7347287

After recording return to:

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### RELEASE OF LIEN - PATENTS

The undersigned, Regions Bank holds a security interest in the patents of GJS Holding Company LLC, a Delaware limited liability company ("GJS"), Dennis Tool Company, a Texas corporation ("Dennis"), and Logan Oil Tools, Inc., a Texas corporation ("Oil Tools" and together with GJS, Dennis, and Oil Tools each a "Grantor" and, collectively, the "Grantors"), pursuant to that certain Security Agreement dated as of September 9, 2009 (the "Agreement"), by and among the Grantors and Regions Bank, duly filed of record with the United States Patent and Trademark Office (the "PTO") (i) with regards to the GJS, Dennis and Oil Tools patents (except for Oil Tools patent serial no. 6,425,615), on September 16, 2009, at Reel/Frame 023234/0634, and (ii) with regards to Oil Tools patent serial no. 6,425,615, on September 16, 2009, at Reel/Frame 023234/0596. The patents are more particularly described in Exhibit A attached hereto and incorporated herein for all purposes (hereby the "Property").

Regions Bank does hereby release and discharge the Property from its lien and all liens established, created or arising in, under or pursuant to the Agreement.

Executed to be effective as of the 24<sup>th</sup> day of APRIL, 2012.

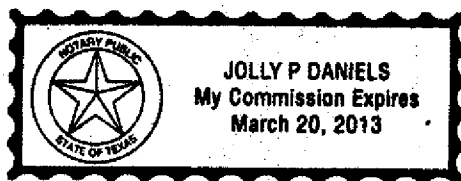
REGIONS BANK

By: *David Valentine*  
Name: David Valentine  
Title: Vice President

STATE OF TEXAS

COUNTY OF HARRIS

This instrument was acknowledged before me on this 24<sup>th</sup> day of April, 2012, by David Valentine, the Vice President of REGIONS BANK, a national banking association, on behalf of such national banking association.



*Jolly P. Daniels*  
Notary Public in and for  
The State of TEXAS  
Name: Jolly P. Daniels  
My Commission Expires: March 20, 2013

**Exhibit A****Patent Collateral****U.S. Patents and Patent Applications****GJS HOLDING COMPANY LLC**

| <b>Country</b> | <b>Serial No.</b> | <b>Issued Date</b> | <b>Inventor(s)</b> | <b>Title</b>            |
|----------------|-------------------|--------------------|--------------------|-------------------------|
| U.S.A.         | 7,347,287         | March 25, 2008     | Roger Chancey      | Hydraulic Timing Device |
| U.S.A.         | 11/241,039        | September 30, 2005 | Roger Chancey      | Jar device              |

**DENNIS TOOL COMPANY**

| <b>Country</b> | <b>Serial No.</b> | <b>Issued Date</b>    | <b>Inventor(s)</b>                           | <b>Title</b>  |
|----------------|-------------------|-----------------------|--|---|
| U.S.A.         | 5,342,129         | August 30, 1994       | Thomas M. Dennis;<br>Mahlon D. Dennis        | Bearing Assembly<br>With Sidewall-Brazed<br>PCD Plugs                                   |
| U.S.A.         | 5,379,854         | January 10, 1995      | Thomas M. Dennis                             | Cutting Element for<br>Drill Bits   |
| U.S.A.         | 5,452,843         | September 26,<br>1995 | Thomas M. Dennis                             | Method of Brazing a<br>Composite Bit Using<br>Direct Cooling Means                      |
| U.S.A.         | 5,456,329         | October 10, 1995      | Thomas M. Dennis;<br>Mark Hunt               | Bifurcated Drill Bit<br>Construction  |
| U.S.A.         | 5,458,211         | October 17, 1995      | Thomas M. Dennis;<br>Mark Hunt               | Spade Drill Bit<br>Construction   |
| U.S.A.         | 5,477,034         | December 19, 1995     | Thomas M. Dennis                             | Method and Apparatus<br>for Bonding PDC<br>Blanks                                       |
| U.S.A.         | 5,499,688         | March 19, 1996        | Mahlon D. Dennis                             | PDC Insert Featuring<br>Side Spiral Wear Pads   |
| U.S.A.         | 5,524,719         | June 11, 1996         | Mahlon D. Dennis                             | Internally Reinforced<br>Polycrystalline<br>Abrasive Insert                             |
| U.S.A.         | 5,544,713         | August 13, 1996       | Mahlon D. Dennis                             | Cutting Element For<br>Drill Bits   |
| U.S.A.         | 5,566,779         | October 22, 1996      | Thomas M. Dennis                             | Insert For A Drill Bit<br>Incorporating a PDC<br>Layer Having Extended<br>Side Portions |
| U.S.A.         | 5,620,382(4)      | April 15, 1997        | Hyun S. Cho;<br>Bong K. Lee;<br>Yong I. Kim; | Diamond Golf Club<br>Head   |

| <u>Country</u> | <u>Serial No.</u> | <u>Issued Date</u> | <u>Inventor(s)</u>   | <u>Title</u>  |
|----------------|-------------------|--------------------|--|---|
|                |                   |                    | Nam K. Jin;<br>Kyoung R. Haun;   |   |
| U.S.A.         | 5,630,479         | May 20, 1997       | Mahlon D. Dennis   | Cutting Element for Drill Bits  |
| U.S.A.         | 5,641,921         | June 24, 1997      | Mahlon D. Dennis;<br>Barton Hampshire  | Low Temperature, Low Pressure, Ductile, Bonded Cermet For Enhanced Abrasion and Erosion Performance         |
| U.S.A.         | 5,709,279         | January 20, 1998   | Mahlon D. Dennis   | Drill Bit Insert With Sinusoidal Interface  |
| U.S.A.         | 5,848,348(2)      | December 8, 1998   | Mahlon D. Dennis   | Method for Fabrication and Sintering Composite Inserts  |
| U.S.A.         | 6,004,505(2)      | December 21, 1999  | Rustum Roy;<br>Dinesh Agrawal;<br>Jiping Cheng;<br>Mahlon Dennis;<br>Paul D. Gigil | Process and Apparatus for the Preparation of Particulate or Solid Parts                                     |
| U.S.A.         | 6,011,248(2)      | January 4, 2000    | Mahlon D. Dennis   | Method for Fabrication and Sintering Composite Inserts  |
| U.S.A.         | 6,063,333(2)      | May 16, 2000       | Mahlon D. Dennis   | Method and Apparatus for Fabrication of Cobalt Alloy Composite Inserts                                      |
| U.S.A.         | 6,066,290(2)      | May 23, 2000       | Rustum Roy;<br>Dinesh Agrawal;<br>Mahlon Dennis;<br>Paul D. Gigil                  | Method and Apparatus for Transporting Green Work Pieces Through a Microwave Sintering System                |
| U.S.A.         | 6,126,895(2)      | October 3, 2000    | Rustum Roy;<br>Dinesh Agrawal;<br>Jiping Cheng;<br>Mahlon Dennis;<br>Paul D. Gigil | Process and Apparatus for the Preparation of Particulate or Solid Parts                                     |
| U.S.A.         | 6,213,931         | April 10, 2001     | Eric Twardowski;<br>Gordon Collier   | Stump Grinding Tooth  |
| U.S.A.         | 6,315,066         | November 13, 2001  | Mahlon D. Dennis   | Microwave Sintered Tungsten Carbide Insert Featuring Thermally Stable Diamond or Grit Diamond Reinforcement |
| U.S.A.         | 6,488,103(3)      | December 3, 2002   | Mahlon D. Dennis;<br>Thomas M. Dennis;<br>Eric Twardowski                          | Drilling Tool and Method of Using Same  |

| <u>Country</u> | <u>Serial No.</u> | <u>Issued Date</u> | <u>Inventor(s)</u> | <u>Title</u>   |
|----------------|-------------------|--------------------|--------------------|--|
| U.S.A.         | 6,500,226         | December 21, 2002  | Mahlon D. Dennis   | Method and Apparatus for Fabrication of Cobalt Alloy Composite Inserts |

Notes:

1. Designates patent that has expired.
2. Designates patent that may be jointly-owned with Penn State or entirely owned by Penn State; however, all such rights are licensed back to Dennis Tool Company under the License Agreement dated April 9, 1997 between Bridgetech Corporation and The Penn State Research Foundation.
3. Designates patent assigned to Gas Research Institute; however, Dennis Tool Company has a non-exclusive right to the patent under the License Agreement dated June 12, 2001 between Dennis Tool Company and Gas Research Institute amended by that certain Amendment No. 1 to License Agreement dated April 21, 2004.
4. Dennis Tool Company has non-exclusive rights to this patent in exchange for paying the ongoing maintenance fees.

#### LOGAN OIL TOOLS, INC.

| <u>Country</u> | <u>Serial No.</u> | <u>Issued Date</u> | <u>Inventor(s)</u>    | <u>Title</u>            |
|----------------|-------------------|--------------------|-----------------------|-------------------------|
| U.S.A.         | 6,425,615         | July 30, 2002      | George W. Mullane Jr. | Overshot Tool           |
| U.S.A.         | 7,347,287         | March 25, 2008     | Roger Chancey         | Hydraulic Timing Device |

#### XTEND ENERGY SERVICES, INC.

| <u>Country</u>                                | <u>Serial No.</u> | <u>Filing Date</u> | <u>Inventor(s)</u>                         | <u>Title</u>    |
|---|-------------------|--------------------|--|-----------------|
| U.S.A.<br>Assignment<br>Data Not<br>Available | 13/029,548        | February 17, 2011  | Christopher<br>Knoschuh;<br>Laurier Comeau | Pulse Generator |