

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7077294

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST

CONVEYING PARTY DATA

Name	Execution Date
CREDIT SUISSE, AS COLLATERAL AGENT	12/16/2021

RECEIVING PARTY DATA

Name:	TITAN SPECIALTIES, LTD.
Street Address:	16825 NORTHCHASE DRIVE
City:	HOUSTON
State/Country:	TEXAS
Postal Code:	77060
Name:	TSI ACQUISITION HOLDINGS LLC
Street Address:	16825 NORTHCHASE DRIVE
City:	HOUSTON
State/Country:	TEXAS
Postal Code:	77060
Name:	TSI ACQUISITION LLC
Street Address:	16825 NORTHCHASE DRIVE
City:	HOUSTON
State/Country:	TEXAS
Postal Code:	77060

PROPERTY NUMBERS Total: 11

Property Type	Number
Patent Number:	5531164
Patent Number:	5700969
Patent Number:	6173606
Patent Number:	6222350
Patent Number:	6644099
Patent Number:	6588267
Patent Number:	6480178
Patent Number:	6840178
Patent Number:	6959765
Patent Number:	7073448

PATENT

Property Type	Number
Patent Number:	7146931
<p>CORRESPONDENCE DATA</p> <p>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></p> <p>Phone: 17132261200 Email: rljackson@lockelord.com Correspondent Name: LOCKE LORD LLP Address Line 1: 600 TRAVIS STREET Address Line 4: HOUSTON, TEXAS 77002</p>	
ATTORNEY DOCKET NUMBER:	0544043-00108
NAME OF SUBMITTER:	ROBERT JACKSON
SIGNATURE:	/Robert Jackson/
DATE SIGNED:	12/16/2021
<p>Total Attachments: 6</p> <p>source=CS Patent Release#page1.tif source=CS Patent Release#page2.tif source=CS Patent Release#page3.tif source=CS Patent Release#page4.tif source=CS Patent Release#page5.tif source=CS Patent Release#page6.tif</p>	

**TERMINATION AND RELEASE
OF SECURITY INTEREST IN PATENTS**

This **TERMINATION AND RELEASE OF SECURITY INTEREST IN PATENTS** (“Release”) is executed as of December 16, 2021 (“Effective Date”), by CREDIT SUISSE, CAYMAN ISLANDS BRANCH, AS COLLATERAL AGENT, as secured party (“the Secured Party”) under the (i) First Lien Patent Security Agreement and (ii) Second Lien Patent Security Agreement (as defined below), in favor of TITAN SPECIALTIES, LTD., a Texas limited partnership (“Grantor”), TSI ACQUISITION HOLDINGS LLC, a Delaware limited liability company (“Holdings”), and TSI ACQUISITION LLC, a Delaware limited liability company (“Borrower”; and together with Grantor and Holdings, the “Released Parties”).

WHEREAS, reference is made to that certain First Lien Credit Agreement dated as of dated as of March 13, 2007“ as amended, supplemented, or otherwise modified from time to time, the) First Lien Credit Agreement”), by and among Holdings, Borrower, the Lenders party thereto, and Secured Party;

WHEREAS, reference is made to that certain Second Lien Credit Agreement dated as of dated as of March 13, 2007“ as amended, supplemented, or otherwise modified from time to time, the) Second Lien Credit Agreement”, and together with the First Lien Credit Agreement, the “Credit Agreements”), by and among Holdings, Borrower, the Lenders party thereto, and Secured Party;

WHEREAS, in connection with the Credit Agreements, the Released Parties executed and delivered those certain (i) First Lien Patent Security Agreement dated as of March 13, 2007 (as amended, supplemented or otherwise modified from time to time, the “First Lien Security Agreement”) and (ii) Second Lien Patent Security Agreement dated as of March 13, 2007 (as amended, supplemented or otherwise modified from time to time, the “Second Lien Security Agreement”, and together with the First Lien Security Agreement, “Security Agreements”), pursuant to which the Released Parties granted to the Secured Party a continuing security interest in all of the Collateral (as such term is defined in the Security Agreements) to secure the payment of all Secured Obligations (as such term is defined in the Credit Agreements) (such continuing security interest in all of the Collateral, the “Security Interest”);

WHEREAS, the First Lien Security Agreement was filed with the Assignment Division at the United States Patent and Trademark Office (the “USPTO”) (on April 6, 2007 at Reel 019122, Frame 0875.

WHEREAS, the Second Lien Security Agreement was filed with the Assignment Division at the United States Patent and Trademark Office (the “USPTO”) (on April 9, 2007 at Reel 019134, Frame 0382.

WHEREAS, the Released Parties have satisfied in full the terms of the Security Agreements and request a release of the Security Interest; and

WHEREAS, the Secured Party, on behalf of itself and each of the Lenders, now agrees to terminate and grant a release of the Security Interest in the Patents (as such term is defined in the Security Agreements, including, without limitation, the Patents identified on Schedule A attached hereto as provided in this Release.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Secured Party hereby covenants and agrees as follows:

Unless otherwise defined herein or the context otherwise requires, terms used in this Release, including its preamble and recitals, have the meanings provided in the Credit Agreements.

The Secured Party, hereby (a) terminates the Security Agreements, (b) terminates, releases, relinquishes and discharges, in its entirety, the Security Interest in each of the Patents identified on Schedule A attached hereto, and (c) hereby assigns and transfers to the Released Parties, without recourse or representation or warranty, express or implied, of any kind, all of its right, title, and interest of any nature whatsoever in and to the Patents (as such term is defined in the Security Agreement, including, without limitation, the Patents identified on Schedule A attached hereto, together, without limitation, with all associated common law rights and all goodwill of the business symbolized thereby, and all rights to sue and recover at law or in equity for any past, present and future infringement, misappropriation, dilution, violation or other impairment thereof, in each case, effective as of the date hereof.

The Secured Party authorizes the USPTO and any other applicable governmental authority to record this Release and understands and agrees that this Release may be recorded by or for the Released Parties with the USPTO or any similar office or agency within or outside the United States.

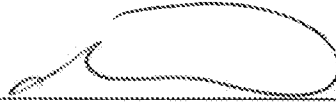
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IN WITNESS WHEREOF, the Secured Party has caused this Release to be executed by its duly authorized representative as of the Effective Date set forth above.

Secured Party:

**CREDIT SUISSE, CAYMAN ISLANDS BRANCH,
as Collateral Agent**

By:



Name: Mikhail Faybusovich
Title: Authorized Signatory

By:



Name: Nawshar Safi
Title: Authorized Signatory

(Signature Page to Patent Release)

SCHEDULE A

TERMINATION AND RELEASE OF

SECURITY INTEREST IN PATENTS OWNED BY TITAN SPECIALTIES, LTD.

Reel/frame: 019122/0875

U.S. Patents

Patent No.	Description
5,531,164	Select Fire Gun Assembly and Electronic Module for Underground Jet Perforating Using Resistive Blasting Caps
5,700,969	Underground Jet Perforating Using Resistive Blasting Caps
6,173,606	Logging Tool for Cement Evaluation
6,222,350	High Temperature Voltage Regulating Circuit
6,644,099	Shaped Charge Tubing Cutter Performance Test Apparatus and Method – Pending
6,588,267	Isolator Bar for Acoustic Instruments Used in Downhole Formations
6,480,178	Shaped Charge Liner
6,840,178	Formation of liner for explosive shaped charge, from powdered metals
6,959,765	Explosive Pipe Severing Tool
7,073,448	Shaped Charge Tubing Cutter
7,146,931	Shaped Charge Tubing Cutter

U.S. Patent Applications

None.

Non-U.S. Patents

Canadian Patent No.	Description
CA2421593AA	Isolator bar for acoustic instruments used in downhole formations

Australian Patent No.	Description
AU35041A5	Scalloped gun body with improved tolerances for underground well perforating, and process of manufacturing the same

WIPO Patent No.	Description
WO0053891A1	Scalloped gun body with improved tolerances for underground well perforating, and process of manufacturing the same

Non-U.S. Patent Applications:

None.

Reel/frame: 019134/0382

U.S. Patents

Patent No.	Description
5,531,164	Select Fire Gun Assembly and Electronic Module for Underground Jet Perforating Using Resistive Blasting Caps
5,700,969	Underground Jet Perforating Using Resistive Blasting Caps
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Non-U.S. Patent Applications:

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