

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4188813

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST	
CONVEYING PARTY DATA		
Name		Execution Date
CORTLAND CAPITAL MARKET SERVICES LLC		12/15/2015
RECEIVING PARTY DATA		
Name:	KEY ENERGY SERVICES, LLC	
Street Address:	1301 MCKINNEY STREET, SUITE 1800	
City:	HOUSTON	
State/Country:	TEXAS	
Postal Code:	77010	
PROPERTY NUMBERS Total: 62		
Property Type	Number	
Patent Number:	5988299	
Patent Number:	5711382	
Patent Number:	6079490	
Patent Number:	6164493	
Patent Number:	6168054	
Patent Number:	6209639	
Patent Number:	6213207	
Patent Number:	6212763	
Patent Number:	6241020	
Patent Number:	6253849	
Patent Number:	6276449	
Patent Number:	6377189	
Patent Number:	6374706	
Patent Number:	6578634	
Patent Number:	6728638	
Patent Number:	6758095	
Patent Number:	6826492	
Patent Number:	6898983	
Patent Number:	7004456	
Patent Number:	7006009	

PATENT

Property Type	Number
Patent Number:	7006920
Patent Number:	7029422
Patent Number:	7064677
Patent Number:	7114577
Patent Number:	7221155
Patent Number:	7226037
Patent Number:	7228899
Patent Number:	7359801
Patent Number:	6533519
Patent Number:	6719515
Patent Number:	6969223
Patent Number:	7461830
Patent Number:	7513338
Patent Number:	7518526
Patent Number:	7519475
Patent Number:	7519508
Patent Number:	7571054
Patent Number:	7588083
Patent Number:	7631563
Patent Number:	7672785
Patent Number:	7657376
Patent Number:	7066266
Patent Number:	7273104
Patent Number:	7788054
Patent Number:	7793918
Patent Number:	7917293
Patent Number:	8589036
Patent Number:	8590401
Patent Number:	8280639
Patent Number:	8280636
Patent Number:	8684096
Patent Number:	8453729
Application Number:	13283473
Application Number:	14084089
Patent Number:	9458683
Application Number:	14084017
Application Number:	14083996
Application Number:	14084040

Property Type	Number
Application Number:	14084206
Patent Number:	9027416
Application Number:	13506277
Patent Number:	9057227

CORRESPONDENCE DATA

Fax Number: (800)494-7512

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.

Phone: 202-370-4750

Email: ipteam@nationalcorp.com

Correspondent Name: JOANNA MCCALL

Address Line 1: 1025 VERMONT AVE NW, SUITE 1130

Address Line 2: NATIONAL CORPORATE RESEARCH, LTD

Address Line 4: WASHINGTON, D.C. 20005

ATTORNEY DOCKET NUMBER:	F167254
NAME OF SUBMITTER:	SONYA JACKMAN
SIGNATURE:	/Sonya Jackman/
DATE SIGNED:	12/16/2016

Total Attachments: 9

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RELEASE OF SECURITY INTEREST IN INTELLECTUAL PROPERTY RIGHTS

This RELEASE OF SECURITY INTEREST IN INTELLECTUAL PROPERTY RIGHTS (this “Intellectual Property Release”), dated as of December 15, 2016, is made by Cortland Capital Market Services LLC, (the “Agent”) for itself and various other secured parties (the “Secured Parties”) in favor of Key Energy Services, LLC (the “Grantor”).

WHEREAS, each of the Grantor, the Agent and one or more Secured Parties entered into that certain Loan and Security Agreement, dated as of June 1, 2015 (the “Security Agreement”), pursuant to which the Grantor granted a security interest in, among other things, certain patent and trademark rights to secure the obligations set forth in the Security Agreement;

WHEREAS, the Agent and the Grantor entered into that certain Intellectual Property Security Agreement, dated June 1, 2015 (the “Intellectual Property Security Agreement”), which was recorded on June 1, 2015 in the United States Patent and Trademark Office commencing at Reel No. 05527, Frame No. 0556 with respect to trademark rights, and recorded on June 1, 2015, in the United States Patent and Trademark Office commencing at Reel No. 035801, Frame No. 0073 with respect to patent rights; and

WHEREAS, the Agent was granted a security interest in all of the Grantor’s right, title and interest in and to the Intellectual Property Collateral (as such term is defined in the Intellectual Property Security Agreement).

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency is hereby acknowledged, the Agent does hereby terminate and forever discharge and release, on its behalf and on behalf of all other Secured Parties, without any representation, recourse or warranty whatsoever, (i) all of the Grantor’s right, title and interest in and to the Intellectual Property Collateral, whether granted pursuant to the Intellectual Property Security Agreement or any other agreement or document delivered by the Grantor to the Agent in connection with the Security Agreement, including, without limitation, the specific intellectual property identified on Exhibit A attached hereto and (ii) any and all collateral assignments or non-exclusive licenses to the extent granted to any Secured Party in and to the Intellectual Property Collateral.

The validity, interpretation and enforcement of this Intellectual Property Release whether in contract, tort, equity or otherwise, shall be governed by the internal laws of the State of New

York but excluding any principles of conflict of laws or other rule of law that would cause the application of the law of any jurisdiction other than the laws of the State of New York. Without in any way limiting the foregoing, the parties elect to be governed by New York law in accordance with, and relying on (at least in part), Section 5-1402 of the General Obligations Law of the State of New York.

[Signature page follows.]

IN WITNESS WHEREOF, the Agent, on its behalf and on behalf of all Secured Parties (and each of their respective successors and assigns) has executed and delivered this Intellectual Property Release or caused this Intellectual Property Release to be duly executed and delivered by its officer thereunto duly authorized as of the date first above written.

AGENT:

Cortland Capital Market Services LLC

By: 

Name: Polina Arsentyeva

Associate Counsel

Title: _____

[Signature Page to TL Intellectual Property Release]

EXHIBIT A
TRADEMARKS

Trademark	Owner	Status in Trademark Office	Federal Registration No.	Registration Date
Key and Design	Key Energy Services, LLC	Registered	3239879	08-May-2007
Key and Design	Key Energy Services, LLC	Registered	3239878	08-May-2007
KEY ENERGY SERVICES	Key Energy Services, LLC	Registered	2819710	02-Mar-2004
KEYVIEW	Key Energy Services, LLC	Registered	2796275	16-Dec-2003
KEY	Key Energy Services, LLC	Registered	2789908	02-Dec-2003
KEY ENERGY	Key Energy Services, LLC	Registered	2823181	16-Mar-2004
KEY	Key Energy Services, LLC	Registered	2823179	16-Mar-2004
HYDRA-WALK	Key Energy Services, LLC	Registered	2812695	10-Feb-2004
SMARTTONG	Key Energy Services, LLC	Registered	3833133	10-Aug-2010
ENHANCED OILFIELD TECHNOLOGIES	Key Energy Services, LLC	Registered	4276530	15-Jan-2013
ENHANCED OILFIELD TECHNOLOGIES	Key Energy Services, LLC	Registered	4284132	29-Jan-2013

PATENTS

Patent	Owner	Status in Patent Office	Federal Registration No.	Registration Date
Automated Oil Rig Servicing System	Key Energy Services, LLC	Granted	5,988,299	23-Nov-1999
Automated Oil Rig Servicing System	Key Energy Services, LLC	Granted	5,711,382	27-Jan-1998

Patent	Owner	Status in Patent Office	Federal Registration No.	Registration Date
Remotely Accessible Mobile Repair Unit For Wells	Key Energy Services, LLC	Granted	6,079,490	27-Jun-2000
Oil recovery method	Key Energy Services, LLC	Granted	6,164,493	26-Dec-2000
Oil Recovery System And Apparatus	Key Energy Services, LLC	Granted	6,168,054	02-Jan-2001
Method Of Ensuring That Well Tubing Was Properly Stretched	Key Energy Services, LLC	Granted	6,209,639	03-Apr-2001
Method of distinguishing between installing different sucker rods	Key Energy Services, LLC	Granted	6,213,207	10-Apr-2001
Torque-Turn System For A Three-Element Sucker Rod Joint	Key Energy Services, LLC	Granted	6,212,763	10-Apr-2001
Method Of Recording A Cross-Load On A Mobile Repair Unit For A Well	Key Energy Services, LLC	Granted	6,241,020	05-Jun-2001
Method of distinguishing the raising and lowering of tubing sucker rods	Key Energy Services, LLC	Granted	6,253,849	03-Jul-2001
Engine speed control for hoist and tongs	Key Energy Services, LLC	Granted	6,276,449	21-Aug-2001
Oil Well Servicing System	Key Energy Services, LLC	Granted	6,377,189	23-Apr-2002
Sucker Rod Tool	Key Energy Services, LLC	Granted	6,374,706	23-Apr-2002
Method Of Monitoring Pumping Operations Of A Service Vehicle At A Well Site	Key Energy Services, LLC	Granted	6,578,634	17-Jun-2003
Method Of Monitoring Operations Of Multiple Service Vehicles At A Well Site	Key Energy Services, LLC	Granted	6,728,638	27-Apr-2004
Tongs Monitor With Learning Mode	Key Energy Services, LLC	Granted	6,758,095	06-Jul-2004

Patent	Owner	Status in Patent Office	Federal Registration No.	Registration Date
Method Of Managing A Well File Record At A Well Site	Key Energy Services, LLC	Granted	6,826,492	30-Nov-2004
Mechanical Multiplier For A Strain Gage On A Derrick	Key Energy Services, LLC	Granted	6,898,983	31-May-2005
Engine Speed Limiter For A Hoist	Key Energy Services, LLC	Granted	7,004,456	28-Feb-2006
Servicing System For Wells	Key Energy Services, LLC	Granted	7,006,009	28-Feb-2006
Activity Data Capture System For A Well Service Vehicle	Key Energy Services, LLC	Granted	7,006,920	28-Feb-2006
Ergonomics Safety Warning Device And Method To Prevent Clutch Burning	Key Energy Services, LLC	Granted	7,029,422	18-Apr-2006
Method Of Monitoring Service Operations Of A Service Vehicle At A Well Site	Key Energy Services, LLC	Granted	7,064,677	20-Jun-2006
Safemode Operating System For A Drilling Or Service Rig	Key Energy Services, LLC	Granted	7,114,577	03-Oct-2006
Inventory Counter For Oil And Gas Wells	Key Energy Services, LLC	Granted	7,221,155	22-May-2007
System For Assuring Engagement Of A Hydromatic Brake On A Drilling Or Well Service Rig	Key Energy Services, LLC	Granted	7,226,037	05-Jun-2007
Warning Device And Method To Prevent Clutch Burning	Key Energy Services, LLC	Granted	7,228,899	12-Jun-2007
Method And System For Evaluating Weight Data From A Service Rig	Key Energy Services, LLC	Granted	7,359,801	15-Apr-2008
Pipe Handling Apparatus	Key Energy Services, LLC	Granted	6,533,519	18-Mar-2003
Pipe Handling Apparatus	Key Energy Services, LLC	Granted	6,719,515	13-Apr-2004

Patent	Owner	Status in Patent Office	Federal Registration No.	Registration Date
Pipe Handling Apparatus	Key Energy Services, LLC	Granted	6,969,223	29-Nov-2005
Multiple Sensor For Preventing A Crown-Block Incursion On An Oil Well Rig	Key Energy Services, LLC	Granted	7,461,830	09-Dec-2008
Brake System For A Well Service Or Drilling Hoist	Key Energy Services, LLC	Granted	7,513,338	07-Apr-2009
Method And System For Displaying Scanning Data For Oil Well Tubing Based On Scanning Speed	Key Energy Services, LLC	Granted	7,518,526	14-Apr-2009
Method For Determining Block Properties Of A Service Rig By Evaluating Rig Data	Key Energy Services, LLC	Granted	7,519,475	14-Apr-2009
Method And System For Setting And Analyzing Tubing Target Pressures For Tongs	Key Energy Services, LLC	Granted	7,519,508	14-Apr-2009
Method And System For Interpreting Tubing Data	Key Energy Services, LLC	Granted	7,571,054	04-Aug-2009
Method And System For Scanning Tubing	Key Energy Services, LLC	Granted	7,588,083	15-Sep-2009
Method And System For Evaluating Rod Breakout Based On Tong Pressure Data	Key Energy Services, LLC	Granted	7,631,563	15-Dec-2009
Method And System For Evaluating And Displaying Depth Data	Key Energy Services, LLC	Granted	7,672,785	02-Mar-2010
Method And System For Evaluating Weight Data From A Service Rig	Key Energy Services, LLC	Granted	7,657,376	02-Feb-2010
Method Of Treating Oil And Gas Wells	Key Energy Services, LLC	Granted	7,066,266	27-Jun-2006

Patent	Owner	Status in Patent Office	Federal Registration No.	Registration Date
Method Of Pumping An “In-The-Formation” Diverting Agent In A Lateral Section Of An Oil And Gas Well	Key Energy Services, LLC	Granted	7,273,104	25-Sep-2007
Method And System For Calibrating A Tube Scanner	Key Energy Services, LLC	Granted	7,788,054	31-Aug-2010
Method and System for Governing Block Speed	Key Energy Services, LLC	Granted	7,793,918	14-Sep-2010
Method and System for Controlling a Well Service Rig Based on Load Data	Key Energy Services, LLC	Granted	7,917,293	29-Mar-2011
Method And System For Automatically Setting, Adjusting, And Monitoring Load-Based Limits On A Well Service Rig	Key Energy Services, LLC	Granted	8,589,036	19-Nov-2013
Method and System for Controlling Tongs Make-Up Speed and Evaluating and Controlling Torque at the Tongs	Key Energy Services, LLC	Granted	8,590,401	26-Nov-2013
Method and System for Monitoring the Efficiency and Health of a Hydraulically Driven System	Key Energy Services, LLC	Granted	8,280,639	02-Oct-2012
Method And System For Controlling A Well Service Rig Based On Load Data	Key Energy Services, LLC	Granted	8,280,636	02-Oct-2012
Anchor Assembly And Method Of Installing Anchors	Key Energy Services, LLC	Granted	8,684,096	01-Apr-2014
Hydraulic Setting Assembly	Key Energy Services, LLC	Granted	8,453,729	04-Jun-2013
Method And System For Evaluating Sensor Data From A Well Service Rig	Key Energy Services, LLC	Pending	13/283,473	Filed 27-Oct-2011

Patent	Owner	Status in Patent Office	Federal Registration No.	Registration Date
Methods Of Mechanized And Automated Tripping Of Rods And Tubulars	Key Energy Services, LLC	Pending	14/084,089	Filed 19-Nov-2013
Mechanized And Automated Well Service Rig System	Key Energy Services, LLC	Granted	9,458,683	04-Oct-2016
Mechanized And Automated Catwalk System	Key Energy Services, LLC	Pending	14/084,017	Filed 19-Nov-2013
Mechanized And Automated Well Service Rig	Key Energy Services, LLC	Pending	14/083,996	Filed 19-Nov-2013
Tong System For Tripping Rods And Tubulars	Key Energy Services, LLC	Pending	14/084,040	Filed 19-Nov-2013
Rod And Tubular Racking System	Key Energy Services, LLC	Pending	14/084,206	Filed 19-Nov-2013
Method And System For Controlling Tongs Make-Up Speed And Evaluating And Controlling Torque At The Tongs	Key Energy Services, LLC	Granted	9,027,416	12-May-2015
Methods and Apparatus for Cementing Wells	Key Energy Services, LLC	Pending	13/506,277	Awaiting Filing Application Publication
Pipe Handling Apparatus	Key Energy Services, LLC	Issued	9,057,227	16-June-2015