

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4586006

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST RECORDED AT REEL/FRAME 040900/0421

CONVEYING PARTY DATA

Name	Execution Date
WILMINGTON TRUST, NATIONAL ASSOCIATION	09/01/2017

RECEIVING PARTY DATA

Name:	BLY IP INC
Street Address:	2570 W 1700 SOUTH
City:	SALT LAKE CITY
State/Country:	UTAH
Postal Code:	84104
Name:	BL DDL US HOLDINGS INC.
Street Address:	2570 W 1700 SOUTH
City:	SALT LAKE CITY
State/Country:	UTAH
Postal Code:	84104

PROPERTY NUMBERS Total: 21

Property Type	Number
Application Number:	15142655
Application Number:	14876501
Application Number:	14584877
Application Number:	14326217
Patent Number:	8770320
Patent Number:	D676877
Patent Number:	8291791
Patent Number:	8215449
Patent Number:	8186925
Patent Number:	8186926
Patent Number:	D644673
Patent Number:	8006590
Patent Number:	7997166
Patent Number:	7845464
Patent Number:	D625346

PATENT

Property Type	Number
Patent Number:	D620959
Patent Number:	7735603
Patent Number:	7681690
Patent Number:	6997493
Patent Number:	6719303
Patent Number:	5954346

CORRESPONDENCE DATA

Fax Number: (312)862-2200

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: 3128622000

Email: michelle.nowicki@kirkland.com

Correspondent Name: MICHELLE NOWICKI

Address Line 1: 300 N. LASALLE

Address Line 2: KIRKLAND & ELLIS LLP

Address Line 4: CHICAGO, ILLINOIS 60654

NAME OF SUBMITTER:	MICHELLE NOWICKI
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SIGNATURE:	/Michelle Nowicki/
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DATE SIGNED:	09/08/2017
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Total Attachments: 11

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RELEASE OF PATENT SECURITY AGREEMENT

This **RELEASE OF PATENT SECURITY AGREEMENT PATENTS**, dated as of September 1, 2017 ("Release"), is made by Wilmington Trust, National Association, in its capacity as collateral agent (the "Collateral Agent"), in favor of BLY IP Inc., a Delaware corporation, and BL DDL US Holdings Inc. (individually, each a "Grantor", and, collectively, the "Grantors").

WHEREAS, BLY IP Inc. is party to that certain U.S. Security and Pledge Agreement dated as of January 4, 2017 (as amended, amended and restated, supplemented or otherwise modified from time to time, the "Security Agreement") in favor of the Collateral Agent;

WHEREAS, pursuant to the Security Agreement, the Grantors executed and delivered to Collateral Agent, for the benefit of the Secured Parties, the Patent Security Agreement dated as of January 4, 2017 (the "Patent Security Agreement"); and

WHEREAS, the Patent Security Agreement was recorded at the United States Patent and Trademark Office ("USPTO") on January 09, 2017 at Reel 040900 Frame 0421.

NOW THEREFORE, in consideration of the mutual promises and undertakings set forth herein and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, and with the intention of being legally bound hereby, the Collateral Agent, on behalf of the Secured Parties, and the Grantors agree as follows.

SECTION 1. Defined Terms. All capitalized terms used herein but not otherwise defined herein have the meanings given to them in the Security Agreement or Patent Security Agreement.

SECTION 2. Termination and Release. The Collateral Agent, on behalf of the Secured Parties, hereby (a) terminates the Patent Security Agreement, and (b) terminates, cancels, discharges, and releases any and all of the Collateral Agent's lien on and security interest granted under the Patent Security Agreement in and to any and all right, title, and interest in and to the Patents listed on Schedule I attached hereto and all Proceeds of any and all of the foregoing (such Patents and Proceeds, the "Released IP"). Clause (b) shall not apply to any lien or security interest granted pursuant to any agreement other than the Patent Security Agreement.

SECTION 3. Assignment. If and to the extent Collateral Agent retains any interest in any Released IP, Collateral Agent hereby assigns, transfers and conveys to the applicable Grantor all of Collateral Agent's rights, title, and interests in such Released IP, including all renewals thereof, all proceeds of infringement suits, the right to sue for past, present and future infringements, and all rights corresponding thereto and the goodwill of the business to which the Released IP relates.

SECTION 4. Further Assurances. Collateral Agent hereby agrees to execute, acknowledge and deliver all such further instruments and to take all such further actions as may be reasonably requested or are required by or through any Grantor in order to more fully and effectively carry out the purposes of this Release, all at the expense of Grantors.

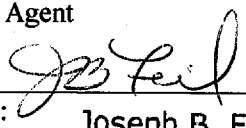
IN WITNESS WHEREOF, the Collateral Agent, on behalf of the Secured Parties, has caused this Release of Patent Security Agreement to be duly executed as of the date first set forth above.

Collateral Agent

Wilmington Trust, National Association, as
Collateral Agent

By: _____

Name:


Joseph B. Feil

Title:

Vice President

Schedule I

U.S. PATENTS AND PATENT APPLICATIONS

Title	Country	Status	Pub/Patent No.	Publ./Issue Date	App. Number	App. date	Grantor/ Owner
Drill Rod Alignment Device And Systems And Methods Of Using Same	US	Published	20160356106	2016-12-08	15142655	2016-04-29	BLY IP, INC.
Drill String Components Having Multiple-Thread Joints	US	Published	20160024856	2016-01-28	14876501	2015-10-06	BLY IP, INC.
Drill Rod Handling System For Moving Drill Rods To And From An Operative Position	US	Published	20150184473	2015-07-02	14584877	2014-12-29	BLY IP, INC.
Core Lifter	US	Published	20140318206	2014-10-30	14326217	2014-07-08	BLY IP, INC.
Core Lifter	US	Issued	8770320	2014-07-08	12917774	2010-11-02	BLY IP, INC.
Tube Loader	US	Issued	D676877	2013-02-26	29386570	2011-03-02	BLY IP, INC.
Open-Faced Rod Spinning Device	US	Issued	8291791	2012-10-23	13188249	2011-07-21	BLY IP, INC.
Muffler System For Noise Abatement And Ice Control	US	Issued	8215449	2012-07-10	12629506	2009-12-02	BLY IP, INC.
Drill Rod Handler	US	Issued	8186925	2012-05-29	12297038	2007-04-11	BLY IP, INC.
Drill Rod Handler	US	Issued	8186926	2012-05-29	12477788	2009-06-03	BLY IP, INC.
Core Lifter	US	Issued	D644673	2011-09-06	29354931	2010-01-29	BLY IP, INC.

Title	Country	Status	Pub/Patent No.	Publ./Issue Date	App. Number	App. date	Grantor/ Owner
Open-Faced Rod Spinner	US	Issued	8006590	2011-08-30	12464707	2009-05-12	BLY IP, INC.
Methods And Apparatus For Joint Disassembly	US	Issued	7997166	2011-08-16	12138297	2008-06-12	BLY IP, INC.
Noise Abatement Device For A Pneumatic Tool	US	Issued	7845464	2010-12-07	12721427	2010-03-10	BLY IP, INC.
Core Lifter	US	Issued	D625346	2010-10-12	29354930	2010-01-29	BLY IP, INC.
Core Lifter	US	Issued	D620959	2010-08-03	29354935	2010-01-29	BLY IP, INC.
Noise Reducing Device For A Pneumatic Tool	US	Issued	7735603	2010-06-15	12128166	2008-05-28	BLY IP, INC.
Noise Abatement Device For A Pneumatic Tool	US	Issued	7681690	2010-03-23	12169514	2008-07-08	BLY IP, INC.
Lockable Overshot	US	Issued	6997493	2006-02-14	10477161	2002-05-09	BLY IP, INC.
Drill String Chuck	US	Issued	6719303	2004-04-13	10066237	2001-10-26	BLY IP, INC.
Hydraulic Chuck: For Rotating A Drill String	US	issued	5954346	1999-09-21	08939825	1997-09-29	BLY IP, INC.

FOREIGN PATENTS AND PATENT APPLICATIONS

Patent Application No.	Title	Country	Grantor/Owner	Paid to Date	Filing Date	Earliest Priority Date	Expiry Date
2016204912	Drill string components resistant to jamming	Australia	BLY IP INC.	20 January 2017	13 July 2016	26 January 2011	20 January 2032
2012397819	Hoist spooling assembly and methods of using same	Australia	BLY IP INC.	27 December 2017	27 December 2012	27 December 2012	27 December 2032
2012209354	Drill string components resistant to jamming	Australia	BLY IP INC.	20 January 2017	20 January 2012	26 January 2011	20 January 2032
2010326060	Muffler system for noise abatement and ice control	Australia	BLY IP INC.	02 December 2017	02 December 2010	02 December 2009	02 December 2030
2010315341	Core lifter	Australia	BLY IP INC.	03 November 2017	03 November 2010	03 November 2009	03 November 2030
2010256678	Drill rod handler	Australia	BLY IP INC.	02 June 2017	02 June 2010	03 June 2009	02 June 2030
2008356880	Noise reducing device for a pneumatic tool	Australia	BLY IP INC.	19 December 2017	19 December 2008	28 May 2008	19 December 2028
2008276176	Noise abatement device for a pneumatic tool	Australia	BLY IP INC.	14 July 2017	14 July 2008	13 July 2007	14 July 2028
2007236557	Drill rod handler	Australia	BLY IP INC.	11 April 2017	11 April 2007	11 April 2006	11 April 2027
2002301549	Drill string chuck	Australia	BLY IP INC.	21 October 2017	21 October 2002	26 October 2001	21 October 2022
2002254799	Lockable overshot	Australia	BLY IP INC.	9 May 2017	9 May 2002	11 May 2001	9 May 2022
1997039336	Rod joint	Australia	BLY IP INC.	30 September 2017	30 September 1997	24 December 1996	30 September 2017

Title	Country/Pub or Patent No.	Status Code/Pub or Patent Date	App. No.	App. Date
Drill Rod Alignment Device And Systems And Methods Of Using Same.	WO 2016179004	A1 20161110	WO 2016-US30128	20160429
Montaje De Elevacion De Rodillo Y Metodos Para Usar El Mismo.	CL 2015001870	A1 20160226	CL 2015-1870	20150626
Drill Rod Having Internally Projecting Portions	WO 2016011368	A1 20160121	WO 2015-US40929	20150717
Montaje De Elevacion De Rodillo Y Metodos Para Usar El Mismo.	PE 2015001572	A1 20151104	PE 2015-1220	20121227
Core Lifter Case And Methods For Using Same.	WO 2015188099	A1 20151210	WO 2015-US34478	20150605
Core Lifter Case And Methods For Using Same.	WO 2015188101	A1 20151210	WO 2015-US34482	20150605
Drill Rod Handling System For Moving Drill Rods To And From An Operative Position	CA 2934935	A1 20150709	CA 2014-2934935	20141229
Drill Rod Handling System For Moving Drill Rods To And From An Operative Position	CN 105874152	A 20160817	CN 2014-80071823	20141229
Drill Rod Handling System For Moving Drill Rods To And From An Operative Position	EP 3090121	A1 20161109	EP 2014-876854	20141229
Drill Rod Handling System For Moving Drill Rods To And From An Operative Position	WO 2015103150	A1 20150709	WO 2014-US72580	20141229
Hoist Spooling Assembly And Methods Of Using Same.	CA 2896471	A1 20140703	CA 2012-2896471	20121227
Hoist Spooling Assembly And Methods Of Using Same.	EP 2938568	A4 20161012	EP 2012-891000	20121227
Overshot Assembly And Systems And Methods	CA 2890851	A1 20140626	CA 2013-2890851	20131220
Overshot Assembly And Systems And Methods	CL 2015001746	A1 20151106	CL 2015-1746	20150618
Overshot Assembly And Systems And Methods	CN 104854307	A 20150819	CN 2013-80057024	20131220
Overshot Assembly And Systems And Methods	EP 2935782	A1 20151028	EP 2013-863927	20131220
Overshot Assembly And Systems And Methods	PE 2015001104	A1 20150806	PE 2015-1050	20131220
Overshot Assembly And Systems And Methods	US 20140174832	A1 20140626	US 2013-14135965	20131220

Title	Country/Pub or Patent No.	Status Code/Pub or Patent Date	App. No.	App. Date
Drills String Components Having Multiple-Thread Joints.	CA 2825533	C 20160607	CA 2012-2825533	20120120
Drills String Components Having Multiple-Thread Joints.	CA 2925166	A1 20120802	CA 2012-2925166	20120120
Drills String Components Having Multiple-Thread Joints.	CA 2884798	A1 20140320	CA 2013-2884798	20130913
Drills String Components Having Multiple-Thread Joints.	CA 2890468	A1 20140626	CA 2013-2890468	20131217
Drills String Components Having Multiple-Thread Joints.	CL 2015000632	A1 20150703	CL 2015-632	20150313
Drills String Components Having Multiple-Thread Joints	CL 2015001717	A1 20151030	CL 2015-1717	20150617
Drills String Components Having Multiple-Thread Joints.	CN 103392052	B 20160302	CN 2012-80010513	20120120
Drills String Components Having Multiple-Thread Joints.	CN 105735909	A 20160706	CN 2016-10068630	20120120
Drills String Components Having Multiple-Thread Joints.	CN 104769210	A 20150708	CN 2013-80051222	20130913
Drills String Components Having Multiple-Thread Joints.	CN 104919129	A 20150916	CN 2013-80062779	20131217
Drills String Components Having Multiple-Thread Joints.	EP 2668364	A2 20131204	EP 2012-738877	20120120
Drills String Components Having Multiple-Thread Joints.	EP 2895679	A4 20160601	EP 2013-837637	20130913
Drills String Components Having Multiple-Thread Joints.	EP 2935758	A1 20151028	EP 2013-865824	20131217
Drills String Components Having Multiple-Thread Joints.	IN 2015DN02778	A 20150904	IN 2015-DN2778	20150406
Drills String Components Having Multiple-Thread Joints.	NZ 614134	A 20150424	NZ 2012-614134	20120120
Drills String Components Having Multiple-Thread Joints.	PE 2014001400	A1 20141013	PE 2013-1706	20120120
Drills String Components Having Multiple-Thread Joints.	PE 2015000586	A1 20150506	PE 2015-362	20130913
Drills String Components Having Multiple-Thread Joints.	PE 2015001102	A1 20150806	PE 2015-1022	20131217
Drills String Components Having Multiple-Thread Joints.	RU 2015113367	A 20161110	RU 2015-113367	20130913
Drills String Components Having Multiple-Thread Joints.	ZA 2013006418	B 20141029	ZA 2013-6418	20130826
Muffler System For Noise Abatement And Ice Control	BR 112012004989	A2 20160503	BR 2012-112012004989	20101202

Title	Country/Pub or Patent No.	Status Code/Pub or Patent Date	App. No.	App. Date
Muffler System For Noise Abatement And Ice Control	CA 2768402	C 20131001	CA 2010-2768402	20101202
Muffler System For Noise Abatement And Ice Control	CL 2012003097	A1 20130405	CL 2012-3097	20121106
Muffler System For Noise Abatement And Ice Control	CN 102597444	B 20150916	CN 2010-80048750	20101202
Muffler System For Noise Abatement And Ice Control	EP 2507488	B1 20140924	EP 2010-835100	20101202
Muffler System For Noise Abatement And Ice Control	ES 2526663	T3 20150114	ES 2010-835100	T 20101202
Muffler System For Noise Abatement And Ice Control	NZ 597730	A 20140627	NZ 2010-597730	20101202
Muffler System For Noise Abatement And Ice Control	PE 2013000053	A1 20130204	PE 2012-746	20101202
Muffler System For Noise Abatement And Ice Control	ZA 2012001070	B 20130529	ZA 2012-1070	20120214
Core Lifter	BR 112012010515	A2 20160315	BR 2012- 112012010515	20101103
Core Lifter	CA 2779277	C 20151208	CA 2010-2779277	20101103
Core Lifter	CA 2901046	A1 20110512	CA 2010-2901046	20101103
Core Lifter	CA 2901059	A1 20110512	CA 2010-2901059	20101103
Core Lifter	CN 102405330	A 20120404	CN 2010-80017602	20100420
Core Lifter	CN 102686823	B 20151014	CN 2010-80059480	20101103
Core Lifter	CN 105257230	A 20160120	CN 2015-10572317	20101103
Core Lifter	DE 102009018212	A1 20101028	DE 2009- 102009018212	20090421
Core Lifter	EP 2496788	A2 20120912	EP 2010-828992	20101103
Core Lifter	JP 2012524859	A 20121018	JP 2012-506469	20100420
Core Lifter	KR 2012013398	A 20120214	KR 2011-7027725	20100420
Core Lifter	PE 2012001735	A1 20121228	PE 2012-604	A 20101103
Core Lifter	TW 2011002504	A 20110116	TW 2010-112111	20100419
Core Lifter	ZA 2012004027	B 20130828	ZA 2012-4027	20120601
Noise Reducing Device For A Pneumatic Tool	BR 2008022559	A2 20150623	BR 2008-22559	20081219
Noise Reducing Device For A Pneumatic Tool	CA 2720837	C 20130423	CA 2008-2720837	20081219
Noise Reducing Device For A Pneumatic Tool	CN 101990484	A 20110323	CN 2008-80128531	20081219
Noise Reducing Device For A Pneumatic Tool	CN 103213102	A 20130724	CN 2013-10064365	20081219
Noise Reducing Device For A Pneumatic Tool	EP 2293903	A4 20111214	EP 2008-874517	20081219
Noise Reducing Device For A Pneumatic Tool	ZA 2010007053	B 20111228	ZA 2010-7053	20101004

Title	Country/Pub or Patent No.	Status Code/Pub or Patent Date	App. No.	App. Date
Open-Faced Rod Spinner	BR 2009011039	A2 20160816	BR 2009-11039	20090512
Open-Faced Rod Spinner	CA 2720969	C 20140325	CA 2009-2720969	20090512
Open-Faced Rod Spinner	CN 102007263	A 20110406	CN 2009-80112940	20090512
Open-Faced Rod Spinner	EP 2274498	A2 20110119	EP 2009-747365	20090512
Open-Faced Rod Spinner	NZ 588426	A 20120727	NZ 2009-588426	20090512
Open-Faced Rod Spinner	ZA 2010007056	B 20111228	ZA 2010-7056	20101004
Noise Abatement Device For A Pneumatic Tool	AR 67541	A1 20091014	AR 2008-103027	20080714
Noise Abatement Device For A Pneumatic Tool	CA 2694747	C 20140114	CA 2008-2694747	20080714
Noise Abatement Device For A Pneumatic Tool	CA 2783172	C 20140520	CA 2008-2783172	20080714
Noise Abatement Device For A Pneumatic Tool	CN 101743098	B 20131127	CN 2008-80024418	20080714
Noise Abatement Device For A Pneumatic Tool	EP 2167282	A4 20150729	EP 2008-826379	20080714
Noise Abatement Device For A Pneumatic Tool	PE 2009000846	A1 20090702	PE 2008-1170	20080711
Methods And Apparatus For Joint Disassembly.	CA 2690398	C 20121204	CA 2008-2690398	20080613
Methods And Apparatus For Joint Disassembly.	CN 101711193	A 20100519	CN 2008-80020121	20080613
Methods And Apparatus For Joint Disassembly.	EP 2160268	A2 20100310	EP 2008-771099	20080613
Drill Rod Handler	BR 2007010196	A2 20110809	BR 2007-10196	20070411
Drill Rod Handler	CA 2648824	C 20120605	CA 2007-2648824	20070411
Drill Rod Handler	CA 2760823	C 20140819	CA 2010-2760823	20100602
Drill Rod Handler	CN 101449024	B 20130619	CN 2007-80018085	20070411
Drill Rod Handler	CN 102459804	B 20141015	CN 2010-80028403	20100602
Drill Rod Handler	EA 2008002124	A1 20090227	EA 2008-2124	20070411
Drill Rod Handler	EP 2004949	A4 20150916	EP 2007-718723	20070411
Drill Rod Handler	EP 2440740	A4 20150715	EP 2010-784013	20100602
Drill Rod Handler	KR 2009007420	A 20090116	KR 2008-7027638	20081111
Drill Rod Handler	MX 2008013035	A 20090302	MX 2008-13035	20070411
Drill Rod Handler	NZ 596233	A 20140131	NZ 2010-596233	20100602
Drill Rod Handler	PE 2012001054	A1 20120809	PE 2011-2029	20100602
Drill Rod Handler	ZA 2008008905	B 20100127	ZA 2008-8905	20070411

Title	Country/Pub or Patent No.	Status Code/Pub or Patent Date	App. No.	App. Date
Drill Rod Handler	ZA 2011008343	B 20130227	ZA 2011-8343	20111114
Drill String Chuck	BR 2002004348	B1 20130305	BR 2002-4348	20021021
Drill String Chuck	CA 2387372	C 20070717	CA 2002-2387372	20020522
Drill Siring Chuck	SE 525251	C2 20050111	SE 2002-2840	20020926
Drill String Chuck	US 20030080520	A1 20030501	US 2001-66237	20011026
Drill String Chuck	ZA 2002008578	B 20030516	ZA 2002-8578	20021023
Lockable Overshot.	BR 2002009508	A 20040713	BR 2002-9508	20020509
Lockable Overshot.	CA 2446844	C 20091006	CA 2002-2446844	A 20020509
Lockable Overshot.	SE 525424	C2 20050215	SE 2003-2868	20031031
Lockable Overshot.	ZA 2003008266	B 20041025	ZA 2003-8266	20031023
Rod Joint.	BR 9706279	A 19990706	BR 1997-6279	19971223
Rod Joint.	CA 2216459	C 20060822	CA 1997-2216459	19970924
Rod Joint.	ES 2151372	B1 20010701	ES 1997-2666	19971222
Rod Joint.	FR 2757563	B1 20020927	FR 1997-16506	19971224
Rod Joint.	SE 520729	C2 20030819	SE 1997-4841	19971223
Rod Joint.	ZA 9709048	B 19980423	ZA 1997-9048	19971009

INDUSTRIAL DESIGNS

Design Title	Country	Status	Owner/Grantor
TUBE LOADER	Canada	141642 01-MAR-2012	BLY IP INC
CORE LIFTER	Canada	135248 02-DEC-2010	BLY IP INC
CORE LIFTER	Canada	135256 02-DEC-2010	BLY IP INC
CORE LIFTER	Canada	135257 02-DEC-2010	BLY IP INC
CORE LIFTER	Australia	201012118 30-MAR-2010	BLY IP INC.
CORE LIFTER	Australia	201012117 30-MAR-2010	BLY IP INC.
CORE LIFTER	Australia	201011703 30-MAR-2010	BLY IP INC.
CORE LIFTER	Australia	201013791 30-MAR-2010	BLY IP INC.

PATENT

REEL: 043790 FRAME: 0615

RECORDED: 09/08/2017