

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST IN INTELLECTUAL PROPERTY	
CONVEYING PARTY DATA		
Name		Execution Date
PNC BANK, NATIONAL ASSOCIATION		02/29/2016
RECEIVING PARTY DATA		
Name:	FCI HOLDINGS DELAWARE, INC.	
Street Address:	258 KAPPA DRIVE	
City:	PITTSBURGH	
State/Country:	PENNSYLVANIA	
Postal Code:	15238	
PROPERTY NUMBERS Total: 89		
Property Type	Number	
Application Number:	12444918	
Patent Number:	7562550	
Patent Number:	7896579	
Application Number:	12731531	
Application Number:	12039228	
Application Number:	11816860	
Patent Number:	6030151	
Patent Number:	D628047	
Application Number:	29358130	
Application Number:	29356638	
Application Number:	12865288	
Application Number:	11880468	
Application Number:	12192526	
Application Number:	12424974	
Patent Number:	7927044	
Patent Number:	5445477	
Application Number:	90006362	
Patent Number:	5292209	
Patent Number:	5385433	
Application Number:	08612128	

PATENT

Property Type	Number
Patent Number:	5741092
Patent Number:	6056482
Patent Number:	5829922
Patent Number:	6322290
Patent Number:	6612783
Patent Number:	5769570
Patent Number:	7736738
Application Number:	12815368
Patent Number:	5954455
Patent Number:	5824912
Application Number:	61369317
Application Number:	61351328
Patent Number:	5184923
Patent Number:	5244314
Application Number:	11890800
Patent Number:	6935811
Patent Number:	6527482
Application Number:	12714139
Patent Number:	6146056
Patent Number:	6619888
Patent Number:	6599059
Application Number:	12772406
Patent Number:	7775754
Patent Number:	5425601
Patent Number:	5450663
Patent Number:	5302056
Patent Number:	6832165
Patent Number:	7794181
Application Number:	12547904
Application Number:	12851740
Application Number:	12758221
Patent Number:	5556234
Application Number:	12968459
Patent Number:	7566189
Patent Number:	5836720
Patent Number:	5967703
Application Number:	11732067
Patent Number:	5762451

Property Type	Number
Patent Number:	5314268
Application Number:	61372210
Patent Number:	5957627
Patent Number:	7073982
Patent Number:	7296950
Patent Number:	5437830
Patent Number:	5851481
Application Number:	61388789
Patent Number:	5232311
Application Number:	08509381
Application Number:	12851000
Patent Number:	7284933
Application Number:	12543220
Application Number:	11500173
Application Number:	12147981
Application Number:	61370604
Patent Number:	6074134
Patent Number:	6270290
Patent Number:	7351756
Application Number:	12481017
PCT Number:	US1037749
Patent Number:	7261494
Patent Number:	7334968
Patent Number:	7114888
Patent Number:	7134810
Patent Number:	7360971
Patent Number:	7445408
Patent Number:	7390147
Application Number:	12873887
PCT Number:	US1047512
Patent Number:	5919006

CORRESPONDENCE DATA

Fax Number:

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.

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PATENT

REEL: 037963 FRAME: 0925

Address Line 4: ALBANY, NEW YORK 12205

NAME OF SUBMITTER: SUSAN O'BRIEN

SIGNATURE: /Michael Barys/

DATE SIGNED: 03/01/2016

Total Attachments: 17

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RELEASE OF SECURITY INTEREST IN INTELLECTUAL PROPERTY

This Release of Security Interest in Intellectual Property (this "Release") is effective as of February 29, 2016, and made by **PNC BANK, NATIONAL ASSOCIATION**, in its capacity as agent for the Banks described in the Security Agreement defined below (in such capacity, "Secured Party").

WHEREAS, pursuant to that certain Patent, Trademark and Copyright Security Agreement, dated as of April 27, 2011, by **FCI HOLDINGS DELAWARE, INC.**, a Delaware corporation (the "Grantor"), in favor of Secured Party (the "Security Agreement"), the Grantor granted to the Secured Party a security interest in certain of the Grantor's assets, including, without limitation, the patents, trademarks, copyrights and rights under certain license agreements (collectively, the "Intellectual Property") owned by Grantor as described in the Security Agreement; and

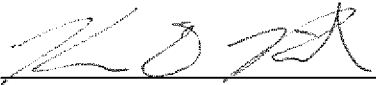
WHEREAS, the Security Agreement was recorded with the trademark division of the United States Patent and Trademark Office on April 29, 2011 at Reel/Frame 004531/0772 and with the patent division of the United States Patent and Trademark Office on April 29, 2011 at Reel/Frame 026205/0001;

NOW, THEREFORE, intending to be legally bound hereby and in connection with the Security Agreement, Secured Party hereby releases and remits, without any recourse, representation or warranty, any and all rights, title and interests in and to the Intellectual Property, including, without limitation, the Intellectual Property described on Schedule A, Schedule B, Schedule C and Schedule D attached hereto, and hereby authorizes the Grantor or Grantor's authorized representative to record this Release with the United States Patent and Trademark Office as evidence of such release.

[SIGNATURE PAGE FOLLOWS]

IN WITNESS WHEREOF, Secured Party duly executes this Release, which is effective as of the day and year first written above.

PNC BANK, NATIONAL ASSOCIATION,
as Agent

By: 
Name: Kevin D. Rich
Title: Vice President

[Signature Page to IP Release]

PATENT
REEL: 037963 FRAME: 0928

SCHEDULE A

PATENTS AND PATENT APPLICATIONS

<u>Title</u>	<u>Serial Number</u>	<u>Filing Date</u>	<u>Publication Number</u>	<u>Patent Number</u>	<u>Issue Date</u>
BREAKABLE ROCK BOLT	12/444,918	10-11-2007	US 2010-0028088 A1	-	-
CABLE BULBING APPARATUS AND METHOD FOR FORMING BULBS IN A CABLE BOLT	11/355,607	02-16-2006	US 2006-0180230 A1	7,562,550	07-21-2009
END COUPLING FOR A ROCK BOLT	12/203,365	09-03-2008	US 2009-0074517 A1	7,896,579	03-01-2011
ENGAGEMENT HEAD FOR TENSIONING ASSEMBLY	12/731,531	03-25-2010	US 2010-0266345 A1	-	-
CABLE BOLT	12/039,228	02-28-2008	US 2008-0247828 A1	-	-
RESIN GROUTABLE EXPANSION ANCHOR AND METHOD OF INSTALLING SAME	11/816,860	02-23-2006	US 2008-0260472 A1	-	-
METHOD FOR REINFORCING ROCK WITH A TENDON	09/043,708	03-30-1998	-	6,030,151	02-29-2000
PLATE	29/343,870	09-21-2009	-	D628,047	11-30-2010
PROFILED DRIVER	29/358,130	03-23-2010	-	-	-

PROFILED NUT	29/356,638	03-01-2010	-	-	-
ROCK BOLT ASSEMBLY	12/865,288	01-30-2009	US 2010-0310323 A1	-	-
ROCK BOLT	11/880,468	07-20-2007	US 2008-0038068 A1	-	-
SELF DRILLING ROCK BOLT	12/192,526	08-15-2008	US 2009-0074516 A1	-	-
TENSION ASSEMBLY	12/424,974	04-16-2009	US 2009-0317197 A1	-	-
TENSIONING ASSEMBLY FOR A CABLE BOLT	12/023,198	01-31-2008	US 2008-0179575 A1	7,927,044	04-19-2011
BEARING PLATE WITH A CONTINUOUS ELLIPTICAL EMBOSSEMENT	08/173,470	12-23-1993	-	5,445,477	08-29-1995
BEARING PLATE	90/006,362	08-23-2002	-	RE35,902 C1	03-21-2006
BEARING PLATE	08/061,841	05-14-1993	-	5,292,209	03-08-1994
BEARING PLATE	08/156,066	11-22-1993	-	5,385,433	01-31-1995
BEARING PLATE	08/612,128	03-07-1996	-	RE35,902	09-22-1998
CABLE BOLT DRIVER	08/601,991	02-15-1996	-	5,741,092	04-21-1998
CABLE BOLT HEAD	08/585,319	01-11-1996	-	6,056,482	05-02-2000
CABLE BOLT HEAD	08/652,791	05-23-1996	-	5,829,922	11-03-1998
CABLE BOLT HEAD	09/490,344	01-24-2000	-	6,322,290	11-27-2001
CABLE BOLT WITH MIXING DELAY DEVICE	10/071,631	02-07-2002	-	6,612,783	09-02-2003

CABLE TENSIONING DOME PLATE	08/659,076	06-03-1996	-	5,769,570	06-23-1998
COATED MINING BOLT	11/012,265	12-16-2004	-	7,736,738	06-15-2010
COATED MINING BOLT	12/815,368	06-14-2010	US 2010-0252953 A1	-	-
COMBINATION BOLT SYSTEM	08/848,398	05-08-1997	-	5,954,455	09-21-1999
METHOD OF ROOF CONTROL IN AN UNDERGROUND MINE	08/967,220	10-29-1997	-	5,824,912	10-20-1998
ENGINEERED MINE SEAL	61/369,317	07-30-2010	-	-	-
EXPANDABLE BOLT WITH SHIELDED TIP	61/351,328	06-04-2010	-	-	-
EXPANSION SHELL ASSEMBLY	07/790,242	11-08-1991	-	5,184,923	02-09-1993
EXPANSION ASSEMBLY	07/722,125	06-27-1991	-	5,244,314	09-14-1993
EXPANSION BAIL ANCHOR AND METHOD	11/890,800	08-07-2007	US 2009-0041550 A1	-	-
FRICIONAL MINING BOLT	10/292,637	11-13-2002	US 2004-0091323 A1	6,935,811	08-30-2005
GRIT SURFACE CABLE PRODUCTS	09/660,819	09-13-2000	-	6,527,482	03-04-2003

IMPACT RESISTANT LAGGING, METHOD FOR DESIGNING IMPACT RESISTANT LAGGING, AND APPARATUS FOR TESTING IMPACT RESISTANT LAGGING	12/714,139	02-26-2010	US 2010-0266349 A1	-	-
CHANNEL AND BEARING PLATE ASSEMBLY	09/229,709	01-13-1999	-	6,146,056	11-14-2000
IMPROVED FLANGE NUT FOR MINE ROOF BOLT	09/798,143	03-02-2001	US 2001-0026746 A1	6,619,888	09-16-2003
THREE-PRONG SHELL	09/825,798	04-04-2001	-	6,599,059	07-29-2003
INJECTION MOLDED TORQUE NUT WITH INTERNAL RECESSION	12/772,406	05-03-2010	-	-	-
TORQUE NUT HAVING AN INJECTION MOLDED BREAKAWAY INSERT	11/355,621	02-16-2006	US 2006-0210374 A1	7,775,754	08-17-2010

LONGWALL MINING ROOF CONTROL SYSTEM	08/151,791	11-12-1993	-	5,425,601	06-20-1995
METHOD FOR FABRICATING A TRUSS MEMBER FOR A MINE ROOF SUPPORT	08/142,710	10-26-1993	-	5,450,663	09-19-1995
METHOD AND APPARATUS FOR SUPPORTING A MINE ROOF	07/962,255	10-16-1992	-	5,302,056	04-12-1994
METHOD OF ROOF INSTABILITY RATING	10/213,581	08-06-2002	US 2003-0036851 A1	6,832,165	12-14-2004
MINE ROOF AND RIB SUPPORT DEVICE	12/023,195	01-31-2008	US 2009-0285641 A1	7,794,181	09-14-2010
MINE ROOF AND RIB SUPPORT WITH REINFORCED CHANNEL	12/547,904	08-26-2009	US 2010-0054870 A1	-	-
CURVED MINE ROOF AND RIB SUPPORT	12/851,740	08-06-2010	-	-	-
MINE ROOF AND RIB SUPPORT WITH VERTICAL BOLT	12/758,221	04-12-2010	-	-	-
MINE ROOF BOLT ASSEMBLY	08/433,865	05-02-1995	-	5,556,234	09-17-1996

MINE ROOF BOLT WITH END FITTING	12/968,459	12-15-2010	-	-	-
MINE ROOF BOLT WITH RESIN CONTROL SURFACE	11/788,386	04-19-2007	US 2008-0260471 A1	7,566,189	07-28-2009
MINE ROOF SUPPORT SYSTEM	08/659,040	06-03-1996	-	5,836,720	11-17-1998
MINE ROOF SUPPORT SYSTEM	09/192,743	11-16-1998	-	5,967,703	10-19-1999
MINE SUPPORT HAVING A LINEARLY MOVEABLE AND/OR PIVOTING END PLATE	11/732,067	04-02-2007	US 2008-0240868 A1	-	-
MULTI-PIECE SPLIT BAIL EXPANSION ANCHOR	08/806,632	02-26-1997	-	5,762,451	06-09-1998
NON-METALLIC REINFORCING ROD AND METHOD OF USE IN SUPPORTING A ROCK FORMATION	08/004,076	01-13-1993	-	5,314,268	05-24-1994
NON-TENSIONED FULLY GROUTED CABLE BOLT	61/372,210	08-10-2010	-	-	-
PILLAR CABLE TRUSS SYSTEM	08/972,283	11-18-1997	-	5,957,627	09-28-1999

POINT ANCHOR COATED MINE ROOF BOLT	11/232,163	09-21-2005	US 2006-0078391 A1	7,073,982	07-11-2006
POINT ANCHOR COATED MINE ROOF BOLT	11/474,006	06-23-2006	-	7,296,950	11-20-2007
PROCESS OF MAKING A ROD FOR USE IN REINFORCING AN UNDERGROUND ROCK FORMATION	08/176,724	01-03-1994	-	5,437,830	08-01-1995
REBAR WITH VANADIUM ALLOY	08/863,828	05-27-1997	-	5,851,481	12-22-1998
ROOF AND RIB SUPPORT HAVING REVERSE C- CHANNEL	61/388,789	10-01-2010	-	-	-
ROOF CONTROL SYSTEM	07/703,162	05-20-1991	-	5,232,311	08-03-1993
ROOF CONTROL SYSTEM	08/509,381	07-31-1995	-	RE36,019	12-29-1998
SPLICE TUBE WITH WEDGE RETAINING CAPS	12/851,000	08-05-2010	-	-	-
SQUARE EMBOSSED ROOF AND RIB PLATE	10/457,840	06-09-2003	US 2004-0018062 A1	7,284,933	10-23-2007

STRESS, GEOLOGIC, AND SUPPORT ANALYSIS METHODOLOGY FOR UNDERGROUND OPENINGS	12/543,220	08-18-2009	US 2010-0042381 A1	-	-
SYSTEM AND METHOD FOR MINE ROOF COUNTER BORE AND CABLE BOLT HEAD SECUREMENT THEREIN	11/500,173	08-07-2006	US 2007-0036617 A1	-	-
SYSTEM AND METHOD FOR MINE ROOF COUNTER BORE AND CABLE BOLT HEAD SECUREMENT THEREIN	12/147,981	06-27-2008	US 2009-0003940 A1	-	-
TENSIONABLE CABLE BOLT WITH CRIMPED SHAFT	61/370,604	08-04-2010	-	-	-
TENSIONABLE CABLE BOLT	09/019,643	02-06-1998	-	6,074,134	06-13-2000
TENSIONABLE CABLE BOLT	09/384,524	08-27-1999	-	6,270,290	08-07-2001

TOUGHENED POLYETHYLENE TEREPHTHALATE	11/424,778	06-16-2006	US 2006-0258782 A1	7,351,756	04-01-2008
TRUSS SHOE WITH WEDGE RETAINING SLEEVE	12/481,017	06-09-2009	US 2010-0310325 A1	-	-
TRUSS SHOE WITH WEDGE RETAINING SLEEVE	PCT/US10/37749	06-08-2010	-	-	-
TRUSS SHOE	11/064,426	02-23-2005	US 2005-0201837 A1	7,261,494	08-28-2007
YIELDABLE PROP	10/371,377	02-21-2003	US 2003-0161693 A1	7,334,968	02-26-2008
YIELDABLE PROP	10/687,960	10-17-2003	US 2004-0081518 A1	7,114,888	10-03-2006
YIELDABLE PROP HAVING A YIELD SECTION	10/858,621	06-02-2004	US 2004-0223815 A1	7,134,810	11-14-2006
YIELDABLE PROP	11/053,086	02-08-2005	US 2005-0141971 A1	7,360,971	04-22-2008
YIELDABLE PROP HAVING A RESTRAINT ARRANGEMENT	11/544,321	10-06-2006	US 2007-0031197 A1	7,445,408	11-04-2008
YIELDABLE PROP HAVING A YIELD SECTION	11/555,870	11-02-2006	US 2007-0059109 A1	7,390,147	06-24-2008
YIELDING BOLT AND ASSEMBLY	12/873,887	09-01-2010	US 2011-0052332 A1	-	-
YIELDING BOLT AND ASSEMBLY	PCT/US10/47512	09-01-2010	-	-	-

TENSIONABLE CABLE BOLT WITH MIXING ASSEMBLY	09/019,731	02-06-1998	-	5,919,006	07-06-1999
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SCHEDULE B

PENDING AND REGISTERED TRADEMARKS

Mark	Serial Number	Filing Date	Registration Number	Registration Date
BIG JOHN	76383158	2002-03-15	2680601	2003-01-28
BUDDY BAR	78415950	2004-05-10	2983199	2005-08-09
BUDDY NUT	78644478	2005-06-06	3532449	2008-11-11
BYTM	78735158	2005-10-18	3304017	2007-10-02
CABLE OX	75809966	1999-09-28	2747617	2003-08-05
COMBINATION	73265642	1980-06-09	1165222	1981-08-18
CRATER PLATE	77186855	2007-05-22	3627632	2009-05-26
DO BOLT	77827465	2009-09-16	-	-
FRICITION-LOK	75246822	1997-02-24	2140731	1998-03-03
IMPACT RESISTANT LAGGING	85220743	2011-01-19	-	-
INST'AL	73582453	1986-02-12	1442704	1987-06-16
INSTAL	73742975	1988-07-29	1549696	1989-08-01
INST'AL CABLE	78735189	2005-10-18	3366810	2008-01-08
INSTAL-PLUS	78761565	2005-11-28	3545213	2008-12-09
IRL	85220758	2011-01-19	-	-
J-BAR	75428429	1998-02-03	2240588	1999-04-20
J-CRIB	85066189	2010-06-18	3916788	2011-02-08
J-SEAL	85066216	2010-06-18	3916789	2011-02-08
JENNCHEM	77796385	2009-08-04	-	-
JENNMAR	85049491	2010-05-27	3934081	2011-03-22
JM and Design	78452075	2004-07-16	3067537	2006-03-14
JM CABLE	74702099	1995-07-17	2065706	1997-05-27

JM STEEL SPECIALTY PRODUCTS USA and Design	77009644	2006-09-28	3270984	2007-07-31
JM STEEL USA and Design	78565446	2005-02-11	3288693	2007-09-04
JM USA and Design	78452796	2004-07-19	3057248	2006-02-07
JM-TRUSS	74609380	1994-12-12	1938570	1995-11-28
JMS CABLE	75193965	1996-11-06	2123406	1997-12-23
LITTLE JOHN	76383455	2002-03-15	2765383	2003-09-16
PYTHON	85140011	2010-09-28	-	-
RIP	77903310	2009-12-31	-	-
SAFE-T-CAP	85140000	2010-09-28	-	-
SGS	77664788	2009-02-06	-	-
SHADOW PLATE	78938796	2006-07-27	3367186	2008-01-08
STRESS, GEOLOGIC AND SUPPORT	77664803	2009-02-06	-	-
SUPER TWIST	78735171	2005-10-18	3304018	2007-10-02
SUPER TWIST	77192059	2007-05-29	3535960	2008-11-25
BYTM	78735158	2005-10-18	3304017	2007-10-02
PH	77793418	2009-07-30	3752281	2010-02-23

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None

SCHEDULE D

LICENSE AGREEMENTS

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License Agreement	FCI Holdings Delaware, Inc.	Jennmar Corporation of East Virginia, Inc.	1-1-2010
License Agreement	FCI Holdings Delaware, Inc.	Jennmar of Kentucky, Inc.	1-1-2010
License Agreement	FCI Holdings Delaware, Inc.	Jennmar of Pennsylvania, LLC	1-1-2010
License Agreement	FCI Holdings Delaware, Inc.	Jennmar Corporation of Utah Inc.	1-1-2010
License Agreement	FCI Holdings Delaware, Inc.	Jennmar Corporation of Virginia, Inc.	1-1-2010
License Agreement	FCI Holdings Delaware, Inc.	Jennmar Corporation of West Virginia, Inc.	1-1-2010

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