

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6046024

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY INTEREST

CONVEYING PARTY DATA

Name	Execution Date
QUICK FITTING, INC.	03/31/2020

RECEIVING PARTY DATA

Name:	MUELLER BRASS CO.
Street Address:	150 SCHILLING BLVD.
Internal Address:	SUITE 100
City:	COLLIERVILLE
State/Country:	TENNESSEE
Postal Code:	38017

PROPERTY NUMBERS Total: 40

Property Type	Number
Patent Number:	7862089
Patent Number:	7942161
Patent Number:	8205915
Patent Number:	8210576
Patent Number:	8398122
Patent Number:	8480134
Patent Number:	9217529
Patent Number:	8561639
Patent Number:	8567446
Patent Number:	8844981
Patent Number:	9068680
Patent Number:	10094500
Patent Number:	8888145
Patent Number:	9416897
Patent Number:	8701715
Patent Number:	8844974
Patent Number:	9115833
Patent Number:	9819165
Patent Number:	10096981

PATENT

Property Type	Number
Patent Number:	9816655
Patent Number:	9664318
Patent Number:	9322496
Patent Number:	9879810
Patent Number:	9923354
Patent Number:	10291009
Application Number:	16395630
Patent Number:	9562637
Patent Number:	9816656
Patent Number:	9574691
Patent Number:	9822912
Patent Number:	10180202
Patent Number:	9671049
Patent Number:	9920866
Patent Number:	9777873
Patent Number:	9857006
Patent Number:	9664316
Patent Number:	10400929
Application Number:	16555371
Patent Number:	10461514
Application Number:	16667264

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.

Phone: 212-728-8000

Email: ipdept@willkie.com

Correspondent Name: EUGENE CHANG

Address Line 1: 787 SEVENTH AVENUE

Address Line 4: NEW YORK, NEW YORK 10019

NAME OF SUBMITTER:	EUGENE CHANG
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SIGNATURE:	/Eugene Chang/
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DATE SIGNED:	04/03/2020
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Total Attachments: 9

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PATENT SECURITY AGREEMENT

This PATENT SECURITY AGREEMENT, dated as of March 31, 2020, is by QUICK FITTING, INC., a Rhode Island corporation ("Grantor"), in favor of MUELLER BRASS CO., in its capacity as Lender ("Lender").

W I T N E S S E T H:

WHEREAS, pursuant to that certain Credit Agreement dated as of the date hereof by and among Grantor, as Borrower and the Lender (including all annexes, exhibits or schedules thereto, as from time to time amended, restated, supplemented or otherwise modified, the "Credit Agreement"), the Lender has agreed to make credit extensions, for the benefit of Grantor;

WHEREAS, the Lender is willing to make the credit extensions as provided for in the Credit Agreement, but only upon the condition, among others, that Grantor shall have executed and delivered to the Lender that certain Security Agreement dated as of the date hereof (including all annexes, exhibits or schedules thereto, as from time to time amended, restated, supplemented or otherwise modified, the "Security Agreement"); and

WHEREAS, pursuant to the Security Agreement, Grantor is required to execute and deliver to the Lender this Patent Security Agreement;

NOW, THEREFORE, in consideration of the premises and mutual covenants herein contained and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Grantor hereby agrees as follows:

1. DEFINED TERMS. All initially capitalized terms used but not otherwise defined herein have the meanings given to them in the Security Agreement or, if not defined therein, the Credit Agreement, as applicable.

2. GRANT OF SECURITY INTEREST IN PATENT COLLATERAL. Grantor hereby grants to the Lender a continuing security interest (subject and subordinate in priority and all other respects to the security interests granted pursuant to the Existing Credit Facilities and the documents executed in connection therewith) in all of Grantor's right, title and interest in all of its Patents and Patent Licenses to which it is a party, including without limitation, those referred to on Schedule I hereto, whether now owned or hereafter acquired and whether now existing or hereafter arising (collectively, the "Patent Collateral").

3. SECURITY AGREEMENT. The security interests granted pursuant to this Patent Security Agreement are granted in conjunction with the security interests granted to the Lender pursuant to the Security Agreement. Grantor hereby acknowledges and affirms that the rights and remedies of the Lender with respect to the security interest in the Patent Collateral made and granted hereby are more fully set forth in the Security Agreement, the terms and provisions of which are incorporated by reference herein as if fully set forth herein. To the extent there is any inconsistency, ambiguity or conflict between this Patent Security Agreement and the Security Agreement, the terms of the Security Agreement shall control.


4. AUTHORIZATION TO SUPPLEMENT. If Grantor shall obtain rights to any new Patents, the provisions of this Patent Security Agreement shall automatically apply

thereto. Grantor shall give prompt notice in writing to the Lender with respect to any such new Patents or renewal or extension of any Patent registration. Without limiting Grantor's obligations under this Section, Grantor hereby authorizes the Lender unilaterally to modify this Patent Security Agreement by amending Schedule I to include any such new Patent rights of Grantor. Notwithstanding the foregoing, no failure to so modify this Patent Security Agreement or amend Schedule I shall in any way affect, invalidate or detract from the Lender's continuing security interest in all Collateral (subject and subordinate in priority and all other respects to the security interests granted pursuant to the Existing Credit Facilities and the documents executed in connection therewith), whether or not listed on Schedule I.

[signature pages follow]

IN WITNESS WHEREOF, Grantor has caused this Patent Security Agreement to be executed and delivered by its duly authorized officer as of the date first set forth above.

QUICK FITTING, INC., a Rhode Island corporation,
as Grantor

By: 
Name: Daniel Compton
Title: President

[Signature Page to Patent Security Agreement]

ACCEPTED AND ACKNOWLEDGED BY:

MUELLER BRASS CO.,
as Lender

By: Jeffrey A. Martin
Name: Jeffrey A. Martin
Title: VP - Finance

SCHEDULE I
to
PATENT SECURITY AGREEMENT

U.S. PATENTS

<u>Title</u>	<u>Application No.</u>	<u>Patent No.</u>	<u>Filing Date</u>	<u>Issue Date</u>
Piping Joint Assembly System and Method	11/807,072	7,862,089	25 May 2007	4 Jan 2011
Push-Fit Valve with Integrated Mounting Assembly	12/205,719	7,942,161	5 Sept 2008	17 May 2011
Piping Joint Assembly System and Method	13/246,562	8,205,915	27 Sept 2011	26 June 2012
Piping Joint Assembly System and Method	12/981,855	8,210,576	30 Dec 2010	3 Jul 2012
Push Connect Joint Assembly System and Method	13/246,597	8,398,122	27 Sept 2011	19 Mar 2013
Piping Joint Assembly System and Method with Sealing Ring Stabilizer	13/490,653	8,480,134	7 Jun 2012	9 July 2013
Chinese Application for Sealing Ring Stabilizer	CN 2013-80003695.2	1,786,549	30 Apr 2014	16 Sept 2015
Push-to-Connect Joint Assembly, Device and Method (Dual Seal continuation)	13/756,789	9,217,529	1 Feb 2013	22 Dec 2015
Flow Check Valve Assembly and Method (with spring)	13/756,658	8,561,639	1 Feb 2013	22 Oct 2013
Flow Check Valve Assembly and Method (with gland)	13/756,716	8,567,446	1 Feb 2013	29 Oct 2013
Low force device	13/911,543	8,844,981	6 Jun 2013	30 Sep 2014
Low force device (Canada)	2,914,823	2,914,823	7 Dec 2015	9 Aug 2016
Low force device (China)	2014-80032092X	2,292,509	4 Dec 2015	16 Nov 2016
Low force device (EP)	EP14807632.6	3,004,710	8 Dec 2015	1 Aug 2018
QuickLock #1 (tamper resistant)	14/291,509	9,068,680	30 May 2014	30 June 2015
QuickLock #2 (tamper resistant)	14/291,740	10,094,500	30 May 2014	9 Oct 2018
QuickLock # 1 Canada	2,893,393	2,893,393	29 May 2015	8 Dec 2015
QuickLock # 1 China	2015-102919373	2,145,771	1 June 2015	13 July 2016
QuickLock # 2 Canada	2,893,394		29 May 2015	
QuickLock # 2 China	2015-102919496	2,668,420	1 June 2015	24 Oct 2017
QuickLock # 1 Europe	EP15800228.7	3,149,382	28 Dec 2016	10 July 2019

QuickLock # 2 Europe divisional	EP19172306.3		2 May 2019	
Press Fit Device (non-provisional)	14/061,234	8,888,145	23 Oct 2013	18 Nov 2014
Press Fit Device (continuation)	14/516,749	9,416,897	17 Oct 2014	16 Aug 2016
Flow Check Valve with Gland (continuation)	14/062,025	8,701,715	24 Oct 2013	22 Apr 2014
Cross Platform Release Tool #1	14/144,925	8,844,974	31 Dec 2013	30 Sep 2014
Cross Platform Release Tool #2	14/467,375	9,115,833	25 Aug 2014	25 Aug 2015
Box Connector Device	14/806,828	9,819,165	23 July 2015	14 Nov 2017
Box Connector – US continuation	15/810,217	10,096,981	13 Nov 2017	9 Oct 2018
Box Connector – China	2015800400011	3,298,198	23 Jan 2017	19 Mar 2019
Box Connector – China Divisional	2019101313805		22 Feb 2019	
Box Connector – Canada	2993613	2993613	22 Jan 2018	9 Apr 2019
Press Fit Device (Taiwan)	103135378	1585327	13 Oct 2014	1 June 2017
Locking Rotation Fitting (including Fire Suppression application)	14/564,714	9,816,655	9 Dec 2014	14 Nov 2017
Sealing Ring Stabilizer – Canada	2,881,822	2,881,822	8 Dec 2014	28 July 2015
Telescoping Push Fit	14/585,808	9,664,318	30 Dec 2014	30 May 2017
Cross Platform Release Tool # 2 - Canada	2935235	2,935,935	27 June 2016	14 Nov 2017
Cross Platform Release Tool # 2 - China	2014800705655	2,802,233	23 June 2016	2 Feb 2018
Cross Platform Release Tool - Europe	14 876 399.8		29 Dec 2014	
ProBite Plus Clip Device and Assembly	14/664,121	9,322,496	20 Mar 2015	26 Apr 2016
FlowCheck – Canada	2,900,047	2,900,047	31 July 2015	8 Dec 2015
FlowCheck – China	201480008988.4	2,420,319	14 Aug 2015	22 Mar 2017
FlowCheck – Europe	EP 14745556.2	2951476	31 Jan 2014	30 Aug 2017
HVAC Shield	14/857,911	9,879,810	18 Sept 2015	30 Jan 2018
HVAC Shield – Canada	2,998,854	2,998,854	15 Mar 2018	9 April 2019
HVAC Shield – Europe	16847278.5		16 April 2018	
HVAC Shield – China	2016800540685	3,456,131	16 Mar 2018	16 July 2019
HVAC Shield – India	201827014063		12 April 2018	

ElectroPush	14/994,527	9,923,354	13 Jan 2016	20 Mar 2018
ElectroPush US CON	15/917,099	10,291,009	9 March 2018	14 May 2019
ElectroPush – US CON (2)	16/395,630		26 April 2019	
ElectroPush Canada	3049520		5 July 2019	
ElectroPush China	2017800068519		17 July 2018	
ElectroPush Europe	17739016.8		13 Aug 2018	
ElectroPush India	201827029148		2 Aug 2018	
Armor Lock – non-provisional	15/001,986	9,562,637	20 Jan 2016	7 Feb 2017
Armor Lock –CON	15/386,892	9,816,656	21 Dec 2016	14 Nov. 2017
Armor Lock - China	2016800544686	3,539,224	19 Mar 2018	24 Sept 2019
Armor Lock – India	201827014061		12 April 2018	
Armor Lock – Canada	2,999,473	2,999,473	9 April 2018	16 July 2019
Armor Lock – Canada divisional	3,045,362		6 June 2019	
Armor Lock – Europe	16849367.4		19 April 2018	
Fire Suppression	15/146,192	9,574,691	4 May 2016	21 Feb 2017
Fire Suppression – Canada	3,023,056	3,023,056	26 Apr 2017	9 Apr 2019
Fire Suppression – China	2017800273867	3,458,838		16 July 2019
Fire Suppression - Europe	17793024.5 Pub EP3452745		28 Nov 2018	
Fire Suppression – India	201827043022		15 Nov 2018	
Plastic Electrical Push Fitting	15/072,439	9,822,912	17 Mar 2016	21 Nov 2017
Plastic Electrical Push Fitting – India	201827038475		10 Oct 2018	
Plastic Electrical Push Fitting – Canada	3,018,105	3,018,105	16 Mar 2017	9 Apr 2019
Plastic Electrical Push Fitting – China	2017800158888	3,436,154	7 Sept 2018	28 June 2019
Plastic Electrical Push Fitting - Europe	17767493.4		12 Oct 2018	
ProBite Plus – Taiwan	105108556	1598528	18 Mar 2016	11 Sept. 2017
ProBite Plus – CON of PCT	15/708,888	10,180,202	19 Sep 2017	19 Jan 2019
Press Fit – China	2014800557780	ZL 20148005 57780	8 Apr 2016	8 Feb 2017

Press Fit – China (divisional)	2016112054919	ZL 2016112054 919	23 Dec 2016	29 Dec 2017
Press Fit – Canada	2927095	2,927,095	11 Apr 2016	13 Oct 2017
Press Fit – Europe	14 851 850.9	3,055,599	4 May 2016	5 Dec 2018
Press Fit – India	201627013929		21 April 2016	
CPVC Fire Stop	15/220,446	9,671,049	27 July 2016	6 June 2017
CPVC Fire Stop (continuation)	15/612,394	9,920,866	2 June 2017	20 Mar 2018
CPVC Fire Stop – Canada	3,032,192	3,032,192	25 Jan 2019	19 Sept 2019
CPVC Fire Stop - China	201780049447X		12 Feb 2019	
Side Lock	15/341,808	9,777,873	2 Nov 2016	3 Oct 2017
Side Lock – PCT	PCT/US17/5895 4	WO1808518 4	30 Oct 2017	
Side Lock – EU	17867894.2		27 May 2019	
Side Lock – AU	2017353895		31 May 2019	
Side Lock – NZ	754087		31 May 2019	
Side Lock – S. Korea	10-2019- 7015753	KR2019006 8629	31 May 2019	
Side Lock – China	201780080626X		26 June 2019	
Side Lock – Canada				
ProBite Plus – Canada	2950322	2,950,322	17 Mar 2016	11 Apr 2017
ProBite Plus – China	2016800016007	2,883,837	9 Dec 2016	13 April 2018
ProBite Plus – Europe	16769372.0 (EP3271632)		18 Oct 2017	
PermaLock with Indicator – US non-provisional	15/219,840		26 July 2016	
PermaLock – India	201827038473		10 Oct 2018	
PermaLock – Canada	3018584		28 Mar 2017	
PermaLock – China	2017800200419	108884954	26 Sept 2018	
PermaLock – Europe	17776422.2		26 Oct 2018	
Shoe Designs for PermaLock (fire suppression)	15/219,944	9,857,006	26 July 2016	2 Jan 2018
Shoe Designs for PermaLock – Canada	3032092	3,032,092	25 Jan 2019	17 Sept 2019
Shoe Designs for PermaLock – China	2017800494573	109563953	12 Feb 2019	

VeriPress XL	15/342,276	9,664,316	3 Nov 2016	30 May 2017
VeriPress XL - PCT	PCT/US17/58956	WO18085185	30 Oct 2017	
VeriPress XL - EU	17866459.5	3535513	27 May 2019	
VeriPress XL - AU	2017353896		31 May 2019	
VeriPress XL - NZ	754100		31 May 2019	
VeriPress XL - S. Korea	10-2019-7015771	10-2060935	31 May 2019	23 Dec 2019
VeriPress XL - China	2017800806240		26 June 2019	
VeriPress XL - Canada				
Veri-Push PCT	PCT/US17/59443	WO18085327	1 Nov 2017	
Veri-Push - US national phase	16/398,872		30 Apr 2019	
Veri-Push - EU	17866466.0		27 May 2019	
Veri-Push - AU	2017353701		31 May 2019	
Veri-Push - NZ	754102		31 May 2019	
Veri-Push - S. Korea	10-2019-7015748		31 May 2019	
Veri-Push - China	2017800806310		26 June 2019	
Veri-Push - Canada				
ProVolt (tapered internal core)	15/716,869	10,400,929	27 Sept 2017	3 Sept 2019
ProVolt (US CON)	16/555,371		29 Aug 2019	
ProVolt - PCT	PCT/US18/52337	WO19067333	24 Sept 2018	
ProVolt - Taiwan	107133804		26 Sept 2018	
Cable Securing Device - SimPull	16/148,727	10,461,514	1 Oct 2018	29 Oct 2019
Cable Securing Device CON	16/667,264		29 Oct 2019	
Cable Securing Device - PCT	PCT/US18/53775	WO19070592	1 Oct 2018	
Cable Securing Device - Taiwan	107135055	1678491	4 Oct 2018	1 Dec 2019
Cable Securing Device	US16/667,264		20 Oct 2019	