

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4495204

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	SECURITY INTEREST

**CONVEYING PARTY DATA**

Name	Execution Date
QUALITAS MANUFACTURING INCORPORATED	06/15/2017

**RECEIVING PARTY DATA**

<b>Name:</b>	THE PRIVATEBANK AND TRUST COMPANY
<b>Street Address:</b>	120 SOUTH LASALLE STREET
<b>City:</b>	CHICAGO
<b>State/Country:</b>	ILLINOIS
<b>Postal Code:</b>	60603

**PROPERTY NUMBERS Total: 23**

Property Type	Number
Patent Number:	7880409
Patent Number:	7100665
Patent Number:	7784522
Patent Number:	6021837
Patent Number:	8171681
Patent Number:	7357171
Patent Number:	6263942
Patent Number:	6302179
Patent Number:	6453975
Patent Number:	5975185
Patent Number:	7299850
Patent Number:	6244325
Patent Number:	8944137
Patent Number:	8616261
Patent Number:	8925617
Patent Number:	6095225
Patent Number:	6095224
Application Number:	14182219
Patent Number:	9062484
Patent Number:	8490670

PATENT

Property Type	Number
Patent Number:	8746321
Application Number:	14575529
PCT Number:	US2014071241

**CORRESPONDENCE DATA**

**Fax Number:** (816)753-1536

*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:** 8167531000

**Email:** uspt@polsinelli.com

**Correspondent Name:** JOY WILLARD

**Address Line 1:** 900 W. 48TH PLACE, SUITE 900

**Address Line 4:** KANSAS CITY, MISSOURI 64112

**ATTORNEY DOCKET NUMBER:** 051573-569150

**NAME OF SUBMITTER:** JOY WILLARD, PARALEGAL

**SIGNATURE:** /JOY WILLARD/

**DATE SIGNED:** 07/10/2017

**Total Attachments: 6**

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PATENT SECURITY AGREEMENT

This Patent Security Agreement, dated as of June 15, 2017, is made by Qualitas Manufacturing Incorporated, an Illinois corporation (“Borrower” or the “Grantor”), in favor of The PrivateBank and Trust Company (“PrivateBank”), as Lender and Issuing Lender.

W I T N E S S E T H:

WHEREAS, pursuant to the Loan and Security Agreement, dated as of June 15, 2017 (as the same may be amended, restated, supplemented or otherwise modified from time to time, the “Loan and Security Agreement”), among the Borrower, QMI Holding, Inc., a Delaware corporation, Installed Shutter Products, LLC, a Delaware limited liability company and the Lender, the Lender has agreed to make extensions of credit to the Borrower upon the terms and subject to the conditions set forth therein;

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

NOW, THEREFORE, in consideration of the premises and to induce the Lender to enter into the Loan and Security Agreement and to induce the Lender to make its extension of credit to the Borrower thereunder, the Grantor hereby agrees with the Lender as follows:

Section 1. Defined Terms. Capitalized terms used herein without definition are used as defined in the Loan and Security Agreement.

Section 2. Grant of Security Interest in Patent Collateral. The Grantor, as collateral security for the prompt and complete payment and performance when due (whether at stated maturity, by acceleration or otherwise) of the Secured Obligations of the Grantor, hereby mortgages, pledges and hypothecates to the Lender, and grants to the Lender a Lien on and security interest in, all of its right, title and interest in, to and under the following Collateral of the Grantor (the “Patent Collateral”):

- (a) all of its U.S. Patents, including, without limitation, those referred to on Schedule 1 hereto;
- (b) all reissues, reexaminations, continuations, continuations-in-part, divisionals, renewals and extensions of the foregoing; and
- (c) all income, royalties, proceeds and Liabilities at any time due or payable or asserted under and with respect to any of the foregoing, including, without limitation, 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.

Section 3. Loan and Security Agreement. The security interest granted pursuant to this Patent Security Agreement is granted in conjunction with the security

interest granted to the Lender pursuant to the Loan and Security Agreement and the Grantor hereby acknowledges and agrees 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 Loan and Security Agreement, the terms and provisions of which are incorporated by reference herein as if fully set forth herein.

Section 4.      Grantor Remains Liable. The Grantor hereby agrees that, anything herein to the contrary notwithstanding, the Grantor shall assume full and complete responsibility for the prosecution, defense, enforcement or any other necessary or desirable actions in connection with their U.S. Patents subject to a security interest hereunder.

Section 5.      Counterparts. This Patent Security Agreement may be executed in any number of counterparts and by different parties in separate counterparts, each of which when so executed shall be deemed to be an original and all of which taken together shall constitute one and the same agreement. Signature pages may be detached from multiple separate counterparts and attached to a single counterpart.

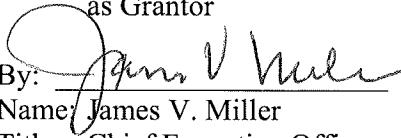
Section 6.      Governing Law. This Patent Security Agreement and the rights and obligations of the parties hereto shall be governed by, and construed and interpreted in accordance with, the law of the State of Illinois.

[SIGNATURE PAGES FOLLOW]

IN WITNESS WHEREOF, the 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.

Very truly yours,

Qualitas Manufacturing Incorporated  
as Grantor

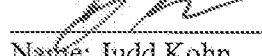
By:   
Name: James V. Miller  
Title: Chief Executive Officer

[SIGNATURE PAGE TO PATENT SECURITY AGREEMENT]

**PATENT**  
**REEL: 042946 FRAME: 0848**

ACCEPTED AND AGREED  
as of the date first above written:

THE PRIVATEBANK AND TRUST COMPANY, as Lender

By:   
Name: Judd Kohn  
Title: Managing Director

[Signature Page to Patent Security Agreement]

SCHEDULE 1  
TO  
PATENT SECURITY AGREEMENT

Patent Registrations and Applications

1. REGISTERED PATENTS

Patent No./ Application No.	Issue Date/ App. Date	Title	Status
7,880,409 11/230,210	01-FEB-2011 19-SEP-2005	REMOVABLE POWER SUPPLY FOR A MOTORIZED SHUTTER ASSEMBLY	Issued
7,100,665 10/802,257	05-SEP-2006 17-MAR-2004	DUAL BOSS SHUTTER SLAT WITH RETENTION PLATE	Issued
7,784,522 11/058,879	31-AUG-2010 16-FEB-2005	LOCATOR AND SHUTTER SLAT	Issued
6,021,837 09/008,621	08-FEB-2000 16-JAN-1998	SHUTTER TRACKS FOR ROLLING PROTECTIVE SHUTTERS	Issued
8,171,681 12/287,081	08-MAY-2012 06-OCT-2008	INFLATABLE SHUTTER	Issued
7,357,171 10/802,385	15-APR-2008 17-MAR-2004	LOW-CLEARANCE SHUTTER SLAT	Issued
6,263,942 09/128,903	24-JUL-2001 04-AUG-1998	MODULAR ROLL-UP PARTITION SYSTEM WITH TENSION ADJUSTMENT MECHANISM	Issued
6,302,179 09/276,186	16-OCT-2001 25-MAR-1999	MODULAR ROLL-UP PARTITION SYSTEM WITH TENSION ADJUSTMENT MECHANISM	Issued
6,453,975 09/129,530	24-SEP-2002 05-AUG-1998	MODULAR ROLL-UP PARTITION SYSTEM WITH TENSION ADJUSTMENT MECHANISM	Issued
5,975,185 09/129,530	02-NOV-1999 05-AUG-1998	POP UP SAFETY DEVICE FOR ROLLING SHUTTERS	Issued
7,299,850 11/005,744	27-NOV-2007 07-DEC-2004	QUICK RELEASE ROLLER SHUTTER	Issued

Patent No./ Application No.	Issue Date/ App. Date	Title	Status
6,244,325 09/429,335	12-JUN-2001 28-OCT-1999	SAFETY RELEASE CLUTCH FOR ROLLING SHUTTERS	Issued
8,944,137 13/772,154	03-FEB-2014 20-FEB-2013	SHUTTER SLAT	Issued
8,616,261 11/445,005	31-DEC-2013 01-JUN-2006	SHUTTER SLAT AND RETENTION SYSTEM	Issued
8,925,617 12/329,495	06-JAN-2015 04-DEC-2008	SHUTTER SLAT END RETENTION SYSTEM	Issued
6,095,225 09/276,078	01-AUG-2000 25-MAR-1999	SHUTTER SLAT WITH INTEGRATED SCREW BOSS	Issued
6,095,224 09/276,077	01-AUG-2000 25-MAR-1999	SHUTTER TRACKS FOR ROLLING PROTECTIVE SHUTTERS	Issued
14/182,219	30-JUN-2016	UNITIZED STRUCTURAL FRAME	Issued
9,062,484 13/918,463	23-JUN-2013 14-JUN-2013	ACCORDION SHUTTER HINGE ASSEMBLY	Issued
8,490,670 12/692,140	23-JUL-2013 22-JAN-2010	BUILD-OUT DOWELS FOR ROLLING PROTECTIVE SHUTTERS	Issued
8,746,321 13/222,844	10-JUN-2014 31-AUG-2011	BASE SLAT RETENTION AND MOTOR FOR TRIGGERING ROLLING PROTECTIVE SHUTTERS	Issued

## 2. PATENT APPLICATIONS

14/575,529	18-DEC-2014	SHUTTER SLAT	Pending
PCT/US2014/07 1241	18-DEC-2014	SHUTTER SLAT	Pending