

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

EPAS ID: PAT3995697

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

**CONVEYING PARTY DATA**

Name	Execution Date
QUANEX HOMESHIELD LLC	07/29/2016

**RECEIVING PARTY DATA**

<b>Name:</b>	WELLS FARGO BANK, NATIONAL ASSOCIATION, AS AGENT
<b>Street Address:</b>	1525 WEST W.T. HARRIS BLVD.
<b>Internal Address:</b>	MAC D1109-019
<b>City:</b>	CHARLOTTE
<b>State/Country:</b>	NORTH CAROLINA
<b>Postal Code:</b>	28262

**PROPERTY NUMBERS Total: 24**

Property Type	Number
Patent Number:	7418806
Patent Number:	7653966
Patent Number:	7752816
Patent Number:	8291656
Patent Number:	8499523
Patent Number:	8528212
Patent Number:	8683771
Patent Number:	D588905
Patent Number:	7788863
Patent Number:	7694471
Patent Number:	D544337
Patent Number:	D541629
Patent Number:	8555551
Patent Number:	8240090
Patent Number:	7877940
Patent Number:	7600346
Patent Number:	8813427
Application Number:	62218837
Application Number:	15004211

PATENT

Property Type	Number
Application Number:	14952593
Application Number:	14695415
Application Number:	14731723
Application Number:	15010958
Application Number:	62309203

**CORRESPONDENCE DATA**

**Fax Number:** (704)373-8822

*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:** (704) 373-4640

**Email:** bsmith@mcguirewoods.com

**Correspondent Name:** BETTY G. SMITH, SENIOR PARALEGAL

**Address Line 1:** MCGUIREWOODS LLP, 201 N. TRYON STREET

**Address Line 2:** SUITE 3000

**Address Line 4:** CHARLOTTE, NORTH CAROLINA 28202

<b>ATTORNEY DOCKET NUMBER:</b>	2029724-0777
<b>NAME OF SUBMITTER:</b>	BETTY G. SMITH
<b>SIGNATURE:</b>	/Betty G. Smith/
<b>DATE SIGNED:</b>	08/05/2016

**Total Attachments: 7**

- source=Patent Security Agreement - Quanex Homeshield LLC (2016)#page1.tif
- source=Patent Security Agreement - Quanex Homeshield LLC (2016)#page2.tif
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**PATENT SECURITY AGREEMENT**

This PATENT SECURITY AGREEMENT (this "Patent Security Agreement") is made this 29<sup>th</sup> day of July, 2016, by and among **QUANEX HOMESHIELD LLC**, a Delaware limited liability company ("Grantor"), having its chief executive office at 2270 Woodale Drive, Mounds View, Minnesota 55112, and **WELLS FARGO BANK, NATIONAL ASSOCIATION**, in its capacity as administrative agent for each member of the Lender Group and the Bank Product Providers (in such capacity, together with its successors and assigns in such capacity, "Agent"), with offices at 1525 West W.T. Harris Blvd., MAC D1109-019, Charlotte, NC 28262.

**W I T N E S S E T H:**

WHEREAS, pursuant to that certain Credit Agreement dated as of July 29, 2016 (as amended, restated, supplemented, or otherwise modified from time to time, the "Credit Agreement") by and among **QUANEX BUILDING PRODUCTS CORPORATION**, as borrower ("Borrower"), the lenders party thereto as "Lenders" (such Lenders, together with their respective successors and assigns in such capacity, each, individually, a "Lender" and, collectively, the "Lenders"), and Agent, the Lender Group has agreed to make certain financial accommodations available to Borrower from time to time pursuant to the terms and conditions thereof;

WHEREAS, the members of the Lender Group and the Bank Product Providers are willing to make the financial accommodations to Borrower as provided for in the Credit Agreement, the other Loan Documents, and the Bank Product Agreements, but only upon the condition, among others, that Grantor shall have executed and delivered to Agent, for the benefit of the Lender Group and the Bank Product Providers, that certain Guaranty and Security Agreement, dated as of July 29, 2016 (including all annexes, exhibits or schedules thereto, as from time to time amended, restated, supplemented or otherwise modified, the "Guaranty and Security Agreement"); and

WHEREAS, pursuant to the Guaranty and Security Agreement, Grantor is required to execute and deliver to Agent, for the benefit of the Lender Group and the Bank Product Providers, 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 Guaranty and Security Agreement or, if not defined therein, in the Credit Agreement, and this Patent Security Agreement shall be subject to the rules of construction set forth in Section 1(b) of the Guaranty and Security Agreement, which rules of construction are incorporated herein by this reference, *mutatis mutandis*.

2. GRANT OF SECURITY INTEREST IN PATENT COLLATERAL. Grantor hereby unconditionally grants, assigns, and pledges to Agent, for the benefit of each member of the Lender Group and each of the Bank Product Providers, to secure the Secured Obligations, a continuing security interest (referred to in this Patent Security Agreement as the "Security Interest") in all of Grantor's right, title and interest in and to the following, whether now owned or hereafter acquired or arising (collectively, the "Patent Collateral"):

(d) all of its Patents and Patent Intellectual Property Licenses to which it is a party including those referred to on Schedule I;

(e) all divisionals, continuations, continuations-in-part, reissues, reexaminations, or extensions of the foregoing; and

(f) all products and proceeds of the foregoing, including any claim by Grantor against third parties for past, present or future infringement of any Patent or any Patent exclusively licensed under any Intellectual Property License, including the right to receive damages, or the right to receive license fees, royalties, and other compensation under any Patent Intellectual Property License.

3. SECURITY FOR SECURED OBLIGATIONS. This Patent Security Agreement and the Security Interest created hereby secures the payment and performance of all of the Secured Obligations, whether now existing or arising hereafter. Without limiting the generality of the foregoing, this Patent Security Agreement secures the payment of all amounts which constitute part of the Secured Obligations and would be owed by Grantor to Agent, the other members of the Lender Group, the Bank Product Providers or any of them, whether or not they are unenforceable or not allowable due to the existence of an Insolvency Proceeding involving Grantor.

4. SECURITY AGREEMENT. The Security Interest granted pursuant to this Patent Security Agreement is granted in conjunction with the security interests granted to Agent, for the benefit of the Lender Group and the Bank Product Providers, pursuant to the Guaranty and Security Agreement. Grantor hereby acknowledges and affirms that the rights and remedies of Agent with respect to the Security Interest in the Patent Collateral made and granted hereby are more fully set forth in the Guaranty and 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 between this Patent Security Agreement and the Guaranty and Security Agreement, the Guaranty and Security Agreement shall control.

5. AUTHORIZATION TO SUPPLEMENT. If Grantor shall obtain rights to any new patent application or issued patent or become entitled to the benefit of any patent application or patent for any divisional, continuation, continuation-in-part, reissue, or reexamination of any existing patent or patent application, the provisions of this Patent Security Agreement shall automatically apply thereto. Grantor (or Borrower, on its behalf) shall give notice in writing to Agent with respect to any such new patent rights in accordance with the provisions of Section 7(g)(iv) of the Guaranty and Security Agreement. Without limiting Grantor's obligations under this Section, Grantor hereby authorizes Agent 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 Agent's continuing security interest in all Collateral, whether or not listed on Schedule I.

6. COUNTERPARTS. This Patent Security Agreement is a Loan Document. This Patent Security Agreement may be executed in any number of counterparts and by different parties on separate counterparts, each of which, when executed and delivered, shall be deemed to be an original, and all of which, when taken together, shall constitute but one and the same Patent Security Agreement. Delivery of an executed counterpart of this Patent Security Agreement by telefacsimile or other electronic method of transmission shall be equally as effective as delivery of an original executed counterpart of this Patent Security Agreement. Any party delivering an executed counterpart of this Patent Security Agreement by telefacsimile or other electronic method of transmission also shall deliver an original executed counterpart of this Patent Security Agreement but the failure to deliver an original executed counterpart shall not affect the validity, enforceability, and binding effect of this Patent Security Agreement.

7. CHOICE OF LAW AND VENUE; JURY TRIAL WAIVER. THIS PATENT SECURITY AGREEMENT SHALL BE SUBJECT TO THE PROVISIONS REGARDING CHOICE OF

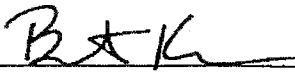
LAW AND VENUE AND JURY TRIAL WAIVER SET FORTH IN SECTION 25 OF THE GUARANTY AND SECURITY AGREEMENT, AND SUCH PROVISIONS ARE INCORPORATED HEREIN BY THIS REFERENCE, *MUTATIS MUTANDIS*.

[SIGNATURE PAGE FOLLOWS]

IN WITNESS WHEREOF, the parties hereto have caused this Patent Security Agreement to be executed and delivered as of the day and year first above written.

**GRANTOR:**

**QUANEX HOMESHIELD LLC**

By: 

Name: Brent L. Korb

Title: Vice President – Chief Financial  
Officer

ACCEPTED AND ACKNOWLEDGED BY:

AGENT:

WELLS FARGO BANK, NATIONAL  
ASSOCIATION

By: 

Name: Warren R. Ross

Title: Senior Vice President

Quanex Building Products Corporation  
Patent Security Agreement  
Signature Page

PATENT  
REEL: 039358 FRAME: 0641

**SCHEDULE I**  
**to**  
**PATENT SECURITY AGREEMENT**

**Patents**

<b>Patent/Application Number</b>	<b>Country</b>	<b>Title</b>	<b>Date of App. or Grant</b>	<b>Status</b>
7,418,806	US	Frame for Supporting an Article and a Method of Forming a Corner of the Frame	9/2/2008	Granted
7,653,966	US	Sliding Rail Assembly for a Sliding Panel Movable Along a Track	2/2/2010	Granted
7,752,816	US	Retention Assembly for Retaining a Panel in a Window or a Door	7/13/2010	Granted
8,291,656	US	Retention Assembly for Retaining a Panel in a Window or a Door	10/23/2012	Granted
8,499,523	US	Frame Assembly Having Stile and Rail Tabs for Coupling Stile and Rail Members Together	8/6/2013	Granted
8,528,212	US	Method of Manufacturing a Frame Assembly Having Stile and Rail Tabs for Coupling Stile and Rail Members Together	9/10/2013	Granted
8,683,771	US	Adjustable Frame Assembly and Method of Assembling the Adjustable Frame Assembly	4/1/2014	Granted
D588,905	US	Corner Pad for a Door Assembly	3/24/2009	Granted
7,788,863	US	Astragal Boot	9/7/2010	Granted
7,694,471	US	Astragal Boot	4/13/2010	Granted
D544,337	US	Astragal Boot	6/12/2007	Granted
D541,629	US	Astragal Boot	5/1/2007	Granted
8,555,551	US	Corner Pad for a Door Assembly	10/15/2013	Granted
8,240,090	US	Corner Pad for a Door Assembly	8/14/2012	Granted
7,877,940	US	Entryway for disposition in a door opening of a building	2/1/2011	Granted
7,600,346	US	Entryway system including a threshold assembly	10/13/2009	Granted
8,813,427	US	Threshold Assembly having a rail and a drainage element	8/26/2014	Granted
62/218,837	US	Glazing Bead for Coupling a Fenestration Article to a Frame and a Method of Producing the Same (aka Rolltrusion Glazing Bead)	9/15/2015	Pending
15/004,211	US	Sill Assembly For a Threshold System and a Method of Producing the Same	1/22/2016	Pending
14/952,593	US	Threshold Assembly for an Entryway System	11/25/2015	Pending



Patent/Application Number	Country	Title	Date of App. or Grant	Status
14/695,415	US	Door Bottom System For An Entryway System	4/24/2015	Pending
14/731,723	US	Frame Assembly Including a Cornerlock	6/5/2015	Pending
15/010,958	US	Cornerlock Having a Self Configurable First Body Member	1/29/2016	Pending
62/309,203	US	Cornerlock for a Frame Assembly Including a Collar	3/6/2016	Pending