

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT6461188

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	PATENT SECURITY AGREEMENT (ABL)
SEQUENCE:	2
CONVEYING PARTY DATA	
Name	Execution Date
MILGARD MANUFACTURING LLC	12/18/2020
RECEIVING PARTY DATA	
Name:	ROYAL BANK OF CANADA, AS COLLATERAL AGENT
Street Address:	20 KING STREET WEST, 4TH FLOOR
City:	TORONTO
State/Country:	CANADA
Postal Code:	M5H 1C4
PROPERTY NUMBERS Total: 61	
Property Type	Number
Patent Number:	6851244
Patent Number:	6938377
Patent Number:	7770329
Patent Number:	7533496
Patent Number:	7591103
Patent Number:	8245462
Patent Number:	8448394
Patent Number:	8083271
Patent Number:	8500945
Patent Number:	8899632
Patent Number:	8182001
Patent Number:	10145148
Patent Number:	D560112
Patent Number:	D559078
Patent Number:	8286388
Patent Number:	8720111
Patent Number:	D581187
Patent Number:	9273486
Patent Number:	9670691

Property Type	Number
Patent Number:	7845139
Patent Number:	7698871
Patent Number:	7784239
Patent Number:	8870250
Patent Number:	8491022
Patent Number:	8490347
Patent Number:	8387320
Patent Number:	9422763
Patent Number:	8550507
Patent Number:	10119325
Patent Number:	9091116
Patent Number:	8584426
Patent Number:	8353138
Patent Number:	8840333
Patent Number:	8887793
Patent Number:	9631417
Patent Number:	8869871
Patent Number:	9051778
Patent Number:	8973315
Patent Number:	9366070
Patent Number:	9441414
Patent Number:	9404295
Patent Number:	9194141
Patent Number:	9551180
Patent Number:	9316040
Patent Number:	10017980
Patent Number:	10094164
Patent Number:	10138658
Patent Number:	9772010
Patent Number:	D635436
Patent Number:	D635437
Patent Number:	D635438
Patent Number:	D635439
Patent Number:	D635440
Patent Number:	D558024
Patent Number:	D520335
Patent Number:	10294714
Application Number:	16173106

Property Type	Number
Application Number:	16118653
Application Number:	16155261
Application Number:	17095513
Patent Number:	10724285

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: 212-381-6532

Email: alanagramer@paulhastings.com

Correspondent Name: ALANA GRAMER

Address Line 1: 200 PARK AVENUE

Address Line 2: PAUL HASTINGS LLP

Address Line 4: NEW YORK, NEW YORK 10166

ATTORNEY DOCKET NUMBER:	1305636 PAT IPSA ABL
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NAME OF SUBMITTER:	ALANA GRAMER
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SIGNATURE:	/Alana Gramer/
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DATE SIGNED:	12/21/2020
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Total Attachments: 7

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PATENT SECURITY AGREEMENT dated as of December 18, 2020 (this "Agreement"), among MILGARD MANUFACTURING LLC (the "Grantor") and Royal Bank of Canada, as Collateral Agent (in such capacity, the "Collateral Agent").

Reference is made to the Revolving Credit Agreement dated as of December 18, 2020 (as amended, supplemented or otherwise modified from time to time, the "Credit Agreement"), among MI WINDOWS AND DOORS, LLC, a Delaware limited liability company (the "Borrower Agent"), MI PROFILES, LLC, a Delaware limited liability company and MILGARD MANUFACTURING LLC, a Delaware limited liability company (each, together with the Borrower Agent, a "Borrower" and collectively, the "Borrowers"), the Lenders party thereto and Royal Bank of Canada, as Administrative Agent and Collateral Agent, and the various other parties thereto (b) the Pledge and Security Agreement dated as of December 18, 2020 (the "Pledge and Security Agreement"), among the Borrowers, the various other Grantors party thereto and the Collateral Agent. The Lenders have agreed to extend credit to the Borrowers subject to the terms and conditions set forth in the Credit Agreement. The Grantor is an Affiliate of the Borrowers and is willing to execute and deliver this Agreement in order to induce the Lenders to make additional Loans and as consideration for Loans previously made. Accordingly, the parties hereto agree as follows:

SECTION 1. Terms. Capitalized terms used in this Agreement and not otherwise defined herein have the meanings specified in the Pledge and Security Agreement or the Credit Agreement, as applicable. The rules of construction specified in Section 1.01(b) of the Pledge and Security Agreement also apply to this Agreement.

SECTION 2. Grant of Security Interest. As security for the payment or performance, as the case may be, in full of the Secured Obligations, the Grantor hereby grants to the Collateral Agent, its successors and assigns, for the benefit of the Secured Parties, a security interest (the "Security Interest") in all of such Grantor's right, title and interest in, to and under any Patents now owned or at any time hereafter acquired by such Grantor, including those listed on Schedule I (the "Patent Collateral").

SECTION 3. Pledge and Security Agreement. The Security Interest granted to the Collateral Agent herein is granted in furtherance, and not in limitation, of the security interests granted to the Collateral Agent pursuant to the Pledge and Security Agreement. The Grantor hereby acknowledges and affirms that the rights and remedies of the Collateral Agent with respect to the Patent Collateral are more fully set forth in the Pledge and Security Agreement, the terms and provisions of which are hereby incorporated herein by reference as if fully set forth herein. In the event of any conflict between the terms of this Agreement and the Pledge and Security Agreement, the terms of the Pledge and Security Agreement shall govern.

SECTION 4. Counterparts. This Agreement may be executed in counterparts (and by different parties hereto on different counterparts), each of which shall constitute an original but all of which when taken together shall constitute a single contract. Delivery of an executed signature page to this Agreement by facsimile or other electronic transmission shall be effective as delivery of a manually signed counterpart of this Agreement.

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IN WITNESS WHEREOF, the parties hereto have duly executed this Agreement as of the day and year first above written.

MILGARD MANUFACTURING LLC

By: 
Name: Larry Curran
Title: Assistant Secretary

SIGNATURE PAGE TO PATENT SECURITY AGREEMENT

PATENT
REEL: 054815 FRAME: 0712

ROYAL BANK OF CANADA, as Collateral Agent,

By:



Name: Rodica Dutka
Title: Manager, Agency

Schedule I

Patents and Patent Applications

Grantor	Title	Application no.	Patent no
Milgard Manufacturing LLC	Corner Key Door Assembly	10340981	6851244
Milgard Manufacturing LLC	Double Hung Window Having Combined Pushdown Surface And Keeper	10646562	6938377
Milgard Manufacturing LLC	Door Roller System	11180419	7770329
Milgard Manufacturing LLC	Upper Sash Detent Latch For A Double-Hung Window	11397769	7533496
Milgard Manufacturing LLC	Window Sash Tilt Latch	11300882	7591103
Milgard Manufacturing LLC	Snap Clip Retainer For Window Fixed Sash	12156079	8245462
Milgard Manufacturing LLC	Snap Clip Retainer For Window Fixed Sash	13554266	8448394
Milgard Manufacturing LLC	Window Lock And Sash [Pull Rail Integration]	11445688	8083271
Milgard Manufacturing LLC	Framing Corner Joint And Method Of Manufacture [Method For Welding The Corners Of Fiberglass Composite Lineals]	13017644	8500945
Milgard Manufacturing LLC	Direct Action Window Lock	13457788	8899632
Milgard Manufacturing LLC	Direct Action Security Lock	11521086	8182001
Milgard Manufacturing LLC	Direct Action Window Lock	14533527	10145148
Milgard Manufacturing LLC	Cam Lock Handle Traditional	29267374	D560112
Milgard Manufacturing LLC	Cam Lock Handle Twig	29267379	D559078
Milgard Manufacturing LLC	Jalousie Window [Louvre]	11880064	8286388
Milgard Manufacturing LLC	Jalousie Window [Louvre]	13555246	8720111
Milgard Manufacturing LLC	Window Frame Display Stand	29293774	D581187
Milgard Manufacturing LLC	Continuous Handle For Window	14192257	9273486
Milgard Manufacturing LLC	Continuous Handle For Window	15005551	9670691
Milgard Manufacturing LLC	Closure Frame Corner Joint (Rail Insert For Door Assembly)	12843562	7845139
Milgard Manufacturing LLC	Closure Frame Corner Joint (Rail Insert For Door Assembly)	12235702	7698871
Milgard Manufacturing LLC	Closure Frame Corner Joint (Rail Insert For Door Assembly)	12718608	7784239
Milgard Manufacturing LLC	Sliding Door Handle And Latch	13926197	8870250
Milgard Manufacturing LLC	Sliding Door Handle And Latch	12823029	8491022
Milgard Manufacturing LLC	Corner Joint For A Window Or Door Frame (Captured Boss Corner Joinery)	13101813	8490347
Milgard Manufacturing LLC	Building Closure With Enhanced Moisture Barrier Properties (Mojave Flexible Seal System)	12648536	8387320

Schedule I-1

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PATENT
REEL: 054815 FRAME: 0714

Milgard Manufacturing LLC	Window Tilt Latch System (Expandable, Multi-Point, Auto-Engaging Tilt Latch System)	14016445	9422763
Milgard Manufacturing LLC	Window Tilt Latch System (Expandable, Mutli-Point, Auto-Engaging Tilt Latch System)	12703659	8550507
Milgard Manufacturing LLC	Window Tilt Latch System (Expandable, Multi-Point, Auto-Engaging Tilt Latch System)	15223867	10119325
Milgard Manufacturing LLC	Window Mull System	13704491	9091116
Milgard Manufacturing LLC	Sash Binder	12794618	8584426
Milgard Manufacturing LLC	Window Frame With Hidden Weep	13028032	8353138
Milgard Manufacturing LLC	Frame Joint Connector	13724188	8840333
Milgard Manufacturing LLC	Screen Attachment Method For Lineals	13724289	8887793
Milgard Manufacturing LLC	Screen Corner Attachment	13724687	9631417
Milgard Manufacturing LLC	Screen Attachment Handle With Latch (Screen Attachment Method For Lineals)	13569449	8869871
Milgard Manufacturing LLC	Lineal Connector And Template (Dual Purpose Corner Key And Template)	13602613	9051778
Milgard Manufacturing LLC	Window Trim System	13724222	8973315
Milgard Manufacturing LLC	Active Water Management For Fenestration Assembly	14280853	9366070
Milgard Manufacturing LLC	Sliding Sash Secondary Lock	14313013	9441414
Milgard Manufacturing LLC	Sliding Sash Secondary Lock	14712858	9404295
Milgard Manufacturing LLC	Weather Strip Button	14211854	9194141
Milgard Manufacturing LLC	Window Active Noise Control (System For Controlling Noise In A Window Assembly)	14295850	9551180
Milgard Manufacturing LLC	Field Mulling System For Windows And Doors	14330199	9316040
Milgard Manufacturing LLC	Window Mull System	14609384	10017980
Milgard Manufacturing LLC	Fenestration Trim Assembly	14778275	10094164
Milgard Manufacturing LLC	Three Point Lock	15173107	10138658
Milgard Manufacturing LLC	Building Closure Operator	15181481	9772010
Milgard Manufacturing LLC	Window Lock (Sequoia)	29380033	D635436
Milgard Manufacturing LLC	Window Lock (Sequoia)	29380034	D635437
Milgard Manufacturing LLC	Window Lock (Sequoia)	29380035	D635438
Milgard Manufacturing LLC	Window Lock (Sequoia)	29380036	D635439
Milgard Manufacturing LLC	Window Lock (Sequoia)	29380037	D635440
Milgard Manufacturing LLC	Direct Action Lock	29267378	D558024
Milgard Manufacturing LLC	Combined Pushdown/Keeper For Double Hung Window	29188687	D520335
Milgard Manufacturing LLC	Fenestration Assembly	15147161	10294714
Milgard Manufacturing LLC	Direct Action Window Lock	16173106	Published
Milgard Manufacturing LLC	Fenestration Trim System	16118653	Allowed

Schedule I-2

LEGAL_US_E # 152680523.5

PATENT
REEL: 054815 FRAME: 0715

Milgard Manufacturing LLC	Sash Retention System	16155261	Allowed
Milgard Manufacturing LLC	Sash Retention System	17095513	Pending
Milgard Manufacturing LLC	Dampening Translator For Sliding Building Closure	15181492	10724285
Milgard Manufacturing LLC	Framing Corner Joint And Method Of Manufacture	2646817	2646817
Milgard Manufacturing LLC	Direct Action Window Lock	2660989	2660989
Milgard Manufacturing LLC	Fixed Frame Window System (Two-Part Window System) (Pueblo)	2701321	2701321
Milgard Manufacturing LLC	Fixed Frame Window Or Door System (Two-Part Window System) (Pueblo)	2821320	2821320
Milgard Manufacturing LLC	Closure Frame Corner Joint (Rail Insert For Door Assembly)	2679758	2679758
Milgard Manufacturing LLC	Sliding Door Handle And Latch	2711876	2711876
Milgard Manufacturing LLC	Sliding Door Handle And Latch	2839223	2839223
Milgard Manufacturing LLC	Corner Joint For A Window Or Door Frame (Captured Boss Corner Joinery)	2774524	2774524
Milgard Manufacturing LLC	Coating With Improved Heat Reflection	2748886	2748886
Milgard Manufacturing LLC	Window Tilt Latch System (Expandable, Mutli-Point, Auto-Engaging Tilt Latch System)	2729407	2729407
Milgard Manufacturing LLC	Window Mull System	2816346	2816346
Milgard Manufacturing LLC	Sash Binder	2803764	2803764
Milgard Manufacturing LLC	Window Frame With Hidden Weep	2765839	2765839
Milgard Manufacturing LLC	Window Lock (Sequoia)	140764	140764
Milgard Manufacturing LLC	Window Lock (Sequoia)	140765	140765
Milgard Manufacturing LLC	Window Lock (Sequoia)	140763	140763
Milgard Manufacturing LLC	Window Lock (Sequoia)	140762	140762
Milgard Manufacturing LLC	Window Lock (Sequoia)	140761	140761
Milgard Manufacturing LLC	Screen Attachment Handle With Latch (Screen Attachment Method For Lineals)	2810743	2810743
Milgard Manufacturing LLC	Lineal Connector And Template (Dual Purpose Corner Key And Template)	2824574	2824574
Milgard Manufacturing LLC	Window And Door Trim Clip	2832537	2832537
Milgard Manufacturing LLC	Sliding Sash Secondary Lock	2894103	2894103
Milgard Manufacturing LLC	Field Mulling System For Windows And Doors	2857056	2857056
Milgard Manufacturing LLC	Continuous Handle For Window	2846179	
Milgard Manufacturing LLC	Window Tilt Latch System (Expandable, Mutli-Point, Auto-Engaging Tilt Latch System)	3002971	

Milgard Manufacturing LLC	Window Tilt Latch System (Expandable, Mutli-Point, Auto-Engaging Tilt Latch System)	3003016	
Milgard Manufacturing LLC	Screen Attachment Method For Lineals	2822831	
Milgard Manufacturing LLC	Active Water Management For Fenestration Assembly	2882012	
Milgard Manufacturing LLC	Window Mull System	2918916	
Milgard Manufacturing LLC	Trim System	2907686	
Milgard Manufacturing LLC	One Piece Window Reinforcement	2942220	
Milgard Manufacturing LLC	Three Point Lock	2966462	
Milgard Manufacturing LLC	Fenestration Assembly	2931859	
Milgard Manufacturing LLC	Building Closure Operator	2933143	
Milgard Manufacturing LLC	Dampening Translator For Sliding Building Closure	2933144	
Milgard Manufacturing LLC	Sash Retention System	3057361	
Milgard Manufacturing LLC	Fenestration Trim Assembly	3078052	

Schedule I-4

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RECORDED: 12/21/2020

PATENT
REEL: 054815 FRAME: 0717