

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4486798

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST

CONVEYING PARTY DATA

Name	Execution Date
CREDIT SUISSE AG, AS AGENT	06/27/2017

RECEIVING PARTY DATA

Name:	PEM MANAGEMENT, INC.
Street Address:	103 FOULK ROAD
Internal Address:	SUITE 108
City:	WILMINGTON
State/Country:	DELAWARE
Postal Code:	19803

PROPERTY NUMBERS Total: 47

Property Type	Number
Application Number:	29426430
Application Number:	14060696
Application Number:	13744595
Application Number:	13600890
Application Number:	13558519
Application Number:	13348067
Application Number:	12842214
Application Number:	29427363
Application Number:	29380728
Application Number:	29324678
Application Number:	29232647
Application Number:	29156165
Application Number:	29133468
Application Number:	29101563
Application Number:	29077633
Application Number:	29074411
Application Number:	13608209
Application Number:	12888624
Application Number:	12781014

PATENT

Property Type	Number
Application Number:	12757480
Application Number:	12723222
Application Number:	12616233
Application Number:	12420393
Application Number:	12208820
Application Number:	12207925
Application Number:	12146859
Application Number:	12119000
Application Number:	11683049
Application Number:	11464549
Application Number:	11306840
Application Number:	11306008
Application Number:	11163685
Application Number:	11163138
Application Number:	11066452
Application Number:	11042097
Application Number:	10920426
Application Number:	10820775
Application Number:	10813046
Application Number:	10469742
Application Number:	10468853
Application Number:	10449013
Application Number:	10434196
Application Number:	10362098
Application Number:	09739689
Application Number:	09292619
Application Number:	09165100
Application Number:	08853488

CORRESPONDENCE DATA

Fax Number: (212)751-4864

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: 212-906-1216

Email: angela.amaru@lw.com

Correspondent Name: LATHAM & WATKINS LLP C/O ANGELA M. AMARU

Address Line 1: 885 THIRD AVENUE

Address Line 2: SUITE 1000

Address Line 4: NEW YORK, NEW YORK 10022

ATTORNEY DOCKET NUMBER:	030786-0749
NAME OF SUBMITTER:	ANGELA M. AMARU
SIGNATURE:	/S/ Angela M. Amaru
DATE SIGNED:	06/30/2017

Total Attachments: 5

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TERMINATION AND RELEASE OF SECURITY INTEREST IN PATENTS

This **TERMINATION AND RELEASE OF SECURITY INTEREST IN PATENTS**, dated as of June 27, 2017 (this "Release"), is made by **CREDIT SUISSE AG**, as Administrative Agent for the Secured Parties (in such capacity and together with its successors and assigns thereto in such capacity, the "Agent"), in favor of **PEM MANAGEMENT, INC.**, a Delaware corporation (the "Grantor").

WHEREAS, the Grantor, the other grantors party thereto and the Agent entered into that certain Security Agreement, dated as of August 29, 2014 (as amended, restated, amended and restated, supplemented or otherwise modified from time to time, the "Security Agreement"), pursuant to which Grantor executed and delivered to the Agent that certain Patent Security Agreement, dated as of August 29, 2014 (as amended, restated, amended and restated, supplemented or otherwise modified from time to time, the "Patent Security Agreement"), for recordation with the United States Patent and Trademark Office;

WHEREAS, the Patent Security Agreement was recorded with the United States Patent and Trademark Office on August 29, 2014, at reel/frame number 033664/0460;

WHEREAS, pursuant to the terms and conditions of the Security Agreement and the Patent Security Agreement, the Grantor assigned, transferred and granted to the Agent, for the benefit of the Secured Parties, a security interest (the "Security Interest") in the Patent Collateral (as defined below); and

WHEREAS, the Agent desires to terminate and release the entirety of the Security Interest in the Patent Collateral.

NOW, THEREFORE, in consideration of the foregoing and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, and upon the terms set forth in this Release, the Agent hereby states as follows:

SECTION 1. Defined Terms.

The term "Patent Collateral" shall have the meaning given thereto in the Patent Security Agreement, including, without limitation, all of the Grantor's right, title and interest in, to and under the registrations and applications for registration listed in Schedule A attached hereto. Capitalized terms used but not defined herein shall have the respective meanings given thereto in the Security Agreement and, if not defined therein, in the Credit Agreement.

SECTION 2. Release of Security Interest.

The Agent hereby terminates, releases and discharges the Security Interest in the Patent Collateral, and retransfers and reassigns to the Grantor any right, title or interest of the Agent in, to or under the Patent Collateral, without representation, warranty or recourse of any kind.

[Signature Page to Follow]

IN WITNESS WHEREOF, the Agent has caused this Release to be executed by its duly authorized signatory effective as of the date first above written.

**CREDIT SUISSE AG, CAYMAN ISLANDS
BRANCH, as Agent**

By: 
Name: Christopher Day
Title:

By: 
Name: Karim Rahimtoola
Title: Authorized Signatory

SCHEDULE A**PATENTS AND PATENT APPLICATIONS**

Title	App. No. Filing Date	Patent No. Issue Date	Owner
Metallic pin fastener	29426430 7/5/2012		PEM Management, Inc.
Panel fastener with hold-down ring	14060696 10/23/2013		PEM Management, Inc.
Dynamic mounting system	13744595 1/18/2013		PEM Management, Inc.
Tack pin installation press	13600890 8/31/2012		PEM Management, Inc.
Miniature tack pins	13558519 7/26/2012		PEM Management, Inc.
One-hit tooling for flush mounted rotatable captive nut	13348067 1/11/2012		PEM Management, Inc.
Quick acting panel fastener	12842214 7/23/2010		PEM Management, Inc.
Clinch nut	29427363 07/17/2012	D684455 6/18/2013	PEM Management, Inc.
Panel fastener	29380728 12/10/2010	D656392 3/27/2012	PEM Management, Inc.
Fastener cap	29324678 10/9/2008	D603693 11/10/2009	PEM Management, Inc.
Circuit board mounting bracket	29232647 6/23/2005	D531890 11/14/2006	PEM Management, Inc.
Sheet metal cable hook	29156165 2/26/2002	D461705 8/20/2002	PEM Management, Inc.
Rectangular panel fastener	29133468 12/1/2000	D444699 7/10/2001	PEM Management, Inc.
Panel fastener	29101563 3/4/1999	D437209 2/6/2001	PEM Management, Inc.
Lobed fastener	29077633 9/29/1997	D423341 4/25/2000	PEM Management, Inc.

Title	App. No. Filing Date	Patent No. Issue Date	Owner
Thumbscrew	29074411 8/5/1997	D478806 8/26/2003	PEM Management, Inc.
Clinch pin fastener	13608209 9/10/2012	8616039 12/31/2013	PEM Management, Inc.
Method of manufacture for a plastic-capped panel fastener	12888624 9/23/2010	8161616 4/24/2012	PEM Management, Inc.
Two-piece heat sink stud	12781014 5/17/2010	8144470 3/27/2012	PEM Management, Inc.
Clinch pin fastener	12757480 4/6/2010	8297899 10/30/2012	PEM Management, Inc.
Snap-in pivot pin for universal joints	12723222 3/12/2010	8113962 2/14/2012	PEM Management, Inc.
Piercing standoff	12616233 11/11/2009	8366364 2/5/2013	PEM Management, Inc.
Plastic-metal hybrid standoff	12420393 4/8/2009	8083452 12/27/2011	PEM Management, Inc.
Method for determining the optimal insertion force of a fastener press	12208820 9/11/2008	8082647 12/27/2011	PEM Management, Inc.
Dual force ram drive for a screw press	12207925 9/10/2008	7997190 8/16/2011	PEM Management, Inc.
Cold-headed standoff	12146859 6/26/2008	7631532 12/15/2009	PEM Management, Inc.
Rotatable captivated nut	12119000 5/12/2008	8021091 9/20/2011	PEM Management, Inc.
Clinch spot bearing	11683049 3/7/2007	7654745 2/2/2010	PEM Management, Inc.
Cold-headed standoff	11464549 8/15/2006	7421875 9/9/2008	PEM Management, Inc.
Clinch/broach connector	11306840 1/12/2006	7594788 9/29/2009	PEM Management, Inc.
Method of forming a cold-headed standoff	11306008 12/14/2005	7175533 2/13/2007	PEM Management, Inc.

Title	App. No. Filing Date	Patent No. Issue Date	Owner
Rotatable captivated nut	11163685 10/27/2005	7374382 5/20/2008	PEM Management, Inc.
Double flush clinch stud	11163138 10/6/2005	7374381 5/20/2008	PEM Management, Inc.
Turret tool holder for a press	11066452 2/28/2005	7328640 2/12/2008	PEM Management, Inc.
Circuit board mounting bracket	11042097 1/26/2005	7125294 10/24/2006	PEM Management, Inc.
Method of attaching a captive panel fastener to a circuit board	10920426 8/18/2004	7213321 5/8/2007	PEM Management, Inc.
Method for installing blind threaded inserts	10820775 4/9/2004	6851167 2/8/2005	PEM Management, Inc.
Tool for installing blind threaded fasteners	10813046 3/31/2004	7043808 5/16/2006	PEM Management, Inc.
Quick-turn panel fastener	10469742 9/4/2003	6868590 3/22/2005	PEM Management, Inc.
Hybrid panel fastener with snap-on cap	10468853 8/25/2003	6814530 11/9/2004	PEM Management, Inc.
Loading captivated wrenchable nut	10449013 6/2/2003	6866456 3/15/2005	PEM Management, Inc.
Clinch-type blind nut	10434196 5/9/2003	6761520 7/13/2004	PEM Management, Inc.
Quick access rubber panel fastener	10362098 2/21/2003	7052221 5/30/2006	PEM Management, Inc.
Snap-in panel fastener	09739689 12/20/2000	6394724 5/28/2002	PEM Management, Inc.
Hybrid panel fastener	09292619 4/15/1999	6079923 6/27/2000	PEM Management, Inc.
Light-controlled safety switch for a punch press	09165100 10/2/1998	6114690 9/5/2000	PEM Management, Inc.
Perpendicular edge fastener	08853488 5/9/1997	5810501 9/22/1998	PEM Management, Inc.