

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3054902

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST	
CONVEYING PARTY DATA		
Name		Execution Date
TPG SPECIALITY LENDING, INC.		10/01/2014
RECEIVING PARTY DATA		
Name:	MANNINGTON MILLS, INC.	
Street Address:	75 MANNINGTON MILLS ROAD	
City:	SALEM	
State/Country:	NEW JERSEY	
Postal Code:	08079	
PROPERTY NUMBERS Total: 62		
Property Type	Number	
Patent Number:	8021741	
Patent Number:	8006460	
Patent Number:	8002003	
Patent Number:	7971327	
Patent Number:	7918062	
Patent Number:	7861753	
Patent Number:	7833611	
Patent Number:	7763345	
Patent Number:	7419717	
Patent Number:	7384697	
Patent Number:	7361401	
Patent Number:	7341772	
Patent Number:	7299615	
Patent Number:	7288306	
Patent Number:	7211310	
Patent Number:	7169460	
Patent Number:	7014802	
Patent Number:	6986934	
Patent Number:	6936201	
Patent Number:	6838147	
Patent Number:	6794001	

PATENT

Property Type	Number
Patent Number:	6761008
Patent Number:	6753066
Patent Number:	6675545
Patent Number:	6617009
Patent Number:	6609348
Patent Number:	6555216
Patent Number:	6497936
Patent Number:	6410634
Patent Number:	6397544
Patent Number:	6390709
Patent Number:	6363677
Patent Number:	6316075
Patent Number:	6299974
Patent Number:	6291078
Patent Number:	6228463
Patent Number:	6218001
Patent Number:	6203879
Patent Number:	6197400
Patent Number:	6114008
Patent Number:	5981058
Patent Number:	5961903
Patent Number:	5955521
Patent Number:	5891564
Patent Number:	5891294
Patent Number:	5670237
Patent Number:	D381834
Patent Number:	5494707
Application Number:	13033222
Application Number:	13016261
Application Number:	12987573
Application Number:	12956317
Application Number:	12956484
Application Number:	12771133
Application Number:	12398540
Application Number:	12397449
Application Number:	12366191
Application Number:	12334784
Application Number:	11976577
Application Number:	11190452

PATENT

REEL. 033903 FRAME. 0856

Property Type	Number
Application Number:	11192552
Patent Number:	7849655

CORRESPONDENCE DATA

Fax Number: (215)972-7725

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: 215-972-7777

Email: dcasalvera@saul.com

Correspondent Name: SAUL EWING LLP

Address Line 1: 1500 MARKET STREET, 38TH FLOOR

Address Line 4: PHILADELPHIA, PENNSYLVANIA 19102-2186

ATTORNEY DOCKET NUMBER:	904865.00580
NAME OF SUBMITTER:	BRIAN R. LANDRY
SIGNATURE:	/Brian R. Landry/
DATE SIGNED:	10/07/2014

Total Attachments: 9

source=Security Release - Patents (MMI)#page1.tif
source=Security Release - Patents (MMI)#page2.tif
source=Security Release - Patents (MMI)#page3.tif
source=Security Release - Patents (MMI)#page4.tif
source=Security Release - Patents (MMI)#page5.tif
source=Security Release - Patents (MMI)#page6.tif
source=Security Release - Patents (MMI)#page7.tif
source=Security Release - Patents (MMI)#page8.tif
source=Security Release - Patents (MMI)#page9.tif

RELEASE OF SECURITY INTEREST IN PATENTS

THIS RELEASE OF SECURITY INTEREST IN PATENTS (this "Release") is made as of October 1, 2014 (the "Effective Date") by **TPG SPECIALTY LENDING, INC.**, a Delaware corporation, in its capacity as Collateral Agent for itself and certain lenders (in such capacity, the "Grantee"), in favor of **MANNINGTON MILLS, INC.**, a New Jersey corporation (the "Grantor").

WHEREAS, pursuant to the terms and conditions of that certain Grant of a Security Interest – Patents, dated as of March 2, 2012 (the "Patent Security Agreement"), made by the Grantor in favor of the Grantee, the Grantor granted to the Grantee for the benefit of the Secured Parties (as defined in the Pledge and Security Agreement referred to in the Patent Security Agreement), a continuing security interest in and to all of the Collateral (as defined in the Patent Security Agreement), including, without limitation, the patents set forth on Schedule A attached hereto;

WHEREAS, the Patent Security Agreement was recorded with the United States Patent and Trademark Office on March 9, 2012, at Reel/Frame 027830/0108; and

WHEREAS, Grantor has requested and Grantee has agreed to provide a document suitable for recording in the United States Patent and Trademark Office evidencing and effecting the release, relinquishment and discharge of its security interest and continuing lien on the Collateral.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Grantee, without any representation or warranty, and without recourse to Grantee or any Secured Party, hereby (a) terminates the Patent Security Agreement, and (b) terminates, cancels and releases any and all security interests it has against the Collateral.


For the avoidance of doubt, nothing in this Release shall be deemed a representation or warranty with respect to the Collateral, the Grantor's or the Grantee's right, title or interest therein or thereto, or the release granted herein, and neither the Grantor nor any other third party shall have any recourse against the Collateral Agent or any Secured Party, in any way in connection with the Collateral or this Release.

* * * * *

The remainder of this page is intentionally left blank.

IN WITNESS WHEREOF, Grantee has caused this Release to be executed by its duly authorized representative as of the Effective Date.

TPG SPECIALTY LENDING, INC.,
as Collateral Agent

By: 
Name: Michael Fishman
Title: CEO

[Signature Page to Release of Security Interest In Patents - MMI]

PATENT
REEL: 033903 FRAME: 0859

SCHEDULE A TO RELEASE OF SECURITY INTEREST IN PATENTS

PATENTS, REGISTERED PATENTS AND PUBLISHED PATENT APPLICATIONS

1. Patents

United States

Patent No.	Filing Date	Issue Date	Inventors	Title
*8,021,741	June 29, 2010	September 20, 2011	Chen, Hao A.; Judd, Richard	Thermoplastic planks and methods for making the same
8,006,460	July 29, 2008	August 30, 2011	Chen, Hao A.; Whispell, John M.; Wan, Ji-Min	Floor covering with interlocking design
*8,002,003	November 30, 2010	August 23, 2011	Walker, Andrew Nicholas	Dual-edge irregular bevel-cut system and method
7,971,327	March 8, 2007	July 5, 2011	Deringor, Gungor J.; Dryden, Sam Cantey	Process and system for sub-dividing a laminated flooring substrate
7,918,062	January 10, 2007	April 5, 2011	Chen, Hao A.	Methods and systems for decorating bevel and other surfaces of laminated floorings
7,861,753	December 15, 2008	January 4, 2011	Walker, Andrew Nicholas	Dual-edge irregular bevel-cut system and method
7,849,655	July 27, 2005	December 14, 2010	Chen, Hao A.; Whispell, John M.;	Connecting system for surface coverings
7,833,611	February 23, 2007	November 16, 2010	Phan, Tam Thi Minh; Chen, Hao A.; Bradway, Dennis H.	Olefin based compositions and floor coverings containing the same
7,763,345	August 22, 2008	July 27, 2010	Chen, Hao A.; Judd, Richard	Thermoplastic planks and methods for making the same
7,419,717	April 20, 2007	September 2, 2008	Chen, Hao A.; Judd, Richard	Thermoplastic planks and methods for making the same
7,384,697	June 29, 2001	June 10, 2008	Chen, Hao A.; Rufus; Isaac B.	Surface coverings containing aluminum oxide
7,361,401	December 30, 2004	April 22, 2008	Desai, Peter; Chen, Hao A.; Zerebecki, Nicholas	Surface coverings containing fused recycled material and processes of making the same
7,341,772	February 17, 2004	March 11, 2008	Guess, Roy E.	Carpet using unused yarn

Patent No.	Filing Date	Issue Date	Inventors	Title
7,299,615	June 17, 2005	November 27, 2007	Kersey, Brandon	Variable twist level yarn using fluid twisting
7,288,306	August 25, 2004	October 30, 2007	Kersey, Brandon	Textile substrate having low variable twist yarn
7,211,310	March 22, 2002	May 1, 2007	Chen, Hao A; Judd, Richard	Thermoplastic planks and methods for making the same
7,169,460	August 1, 2000	January 30, 2007	Chen, Hao A; Judd, Richard	Thermoplastic planks and methods for making the same
7,014,802	April 7, 1999	March 21, 2006	Eby, John; Chen, Hao A.; Burns, Jr., Alonso M.	Methods to make a surface covering having a natural appearance
6,986,934	August 2, 2004	January 17, 2006	Chen, Hao A; Judd, Richard	Thermoplastic planks and methods for making the same
6,936,201	September 7, 2001	August 30, 2005	Desai, Peter; Chen, Hao A.; Zerebecki, Nicholas	Surface coverings containing fused recycled material and processes of making the same
6,838,147	January 12, 1999	January 4, 2005	Burns, Jr., Alonzo M.; Chen, Hao A.; Zerebecki, Nicholas; Patterson, Charles	Surface covering backing containing polymeric microspheres and processes of making the same
6,794,001	July 25, 2002	September 21, 2004	Chen, Hao A; Hu, Yuhong; Huang, Tianjian; Judd, Richard; Rufus, Isaac	Flooring with a 2-part adhesive
6,761,008	August 1, 2001	July 13, 2004	Chen, Hao A.; Judd, Richard	Connecting system for surface coverings
6,753,066	December 28, 2000	June 22, 2004	Eby, John M.; Chen, Hao A.; Burns, Jr., Alonzo M.	Surface coverings having a natural appearance and methods to make a surface covering having a natural appearance
6,675,545	December 14, 2000	January 13, 2004	Chen, Hao A; Judd, Richard	Connecting system for surface coverings
6,617,009	December 14, 1999	September 9, 2003	Chen, Hao A; Judd, Richard	Thermoplastic planks and methods for making the same
6,609,348	May 8, 2002	August 26, 2003	Desai, Peter	Method for assembling a repeating series of tiles

Patent No.	Filing Date	Issue Date	Inventors	Title
6,555,216	December 29, 2000	April 29, 2003	Chen, Hao A.; Judd, Richard; Rufus, Isaac B.; Shultz, Jeffrey R.	Contrasting gloss surface coverings optionally containing dispersed wear-resistant particles and methods of making the same
6,497,936	June 14, 1999	December 24, 2003	Desai, Peter; Lovelady, Jeffrey	Method and apparatus for dyeing and treating yarns
6,410,634	December 23, 1998	June 25, 2002	Rufus, Isaac B.; Chen, Hao A.	Low gloss polish formulations
6,397,544	September 20, 2000	June 4, 2002	Desai, Peter	Method for making a repeating series of tiles
6,390,709	March 27, 2001	May 21, 2002	Zerebecki, Nicholas; Giordano, James	Adhesive dispenser for applying adhesive to grooved flooring planks and method of applying adhesive
6,363,677	April 10, 2000	April 2, 2002	Chen, Hao A.; Whispell, John M.	Surface covering system and methods of installing same
6,316,075	February 3, 1999	November 13, 2001	Desai, Peter; Chen, Hao A.; Zerebecki, Nicholas	Surface coverings containing fused recycled material and processes of making the same
6,299,974	September 17, 1999	October 9, 2001	Shih, Keith S.; Chen, Hao A.	Stain blocking barrier layer
6,291,078	October 22, 1997	September 18, 2001	Chen, Hao A.; Rufus, Isaac B.	Surface coverings containing aluminum oxide
6,228,463	July 29, 1998	May 8, 2001	Chen, Hao A.; Judd, Richard; Rufus, Isaac B.; Shultz, Jeffrey R.	Contrasting gloss surface coverings optionally containing dispersed wear-resistant particles and methods of making the same
6,218,001	January 28, 1998	April 17, 2001	Chen, Hao A.; Judd, Richard; Rufus, Isaac B.	Surface coverings containing dispersed wear-resistant particles and methods of making the same
6,203,879	April 24, 1998	March 20, 2001	Desai, Peter	Repeating series of carpet tiles, and method for cutting and laying thereof
6,197,400	October 24, 1997	March 6, 2001	Desai, Peter	Repeating series of tiles

Patent No.	Filing Date	Issue Date	Inventors	Title
6,114,008	May 20, 1999	September 5, 2000	Eby, John M.; Chen, Hao A.; Burns, Jr., Alonzo M.	Surface coverings having a natural appearance and methods to make a surface covering having a natural appearance
5,981,058	September 13, 1999	November 9, 1999	Shih, Keith A.; Chen Hao A.	Stain blocking barrier layer
5,961,903	December 23, 1997	October 5, 1999	Eby, John M.; Chen, Hao A.; Burns, Jr., Alonzo M.	Method of making a surface covering having a natural appearance
5,955,521	July 17, 1997	September 21, 1999	Rufus, Isaac B.; Chen, Hao A.	Ultra-violet stabilized polyvinyl chloride resins and methods to impart ultra-violet stabilization to polyvinyl chloride resins
5,891,564	December 11, 1996	April 6, 1999	Shultz, Jeffrey R; Crispin, Barry C.	Decorative surface coverings
5,891,294	June 16, 1997	April 6, 1999	Shih, Keith S.; Chen, Hao A.	Stain blocking barrier layer
5,670,237	June 7, 1995	September 23, 1997	Shultz, Jeffrey R.; Crispin, Barry C.	Method for making a surface covering product and products resulting from said method
D381,834	January 13, 1995	August 5, 1997	Potter, C. Frank; Jensen, Gary S.; Hernick, Mark R.; Spangenberg, Steve	Floor product sample frame
5,494,707	December 5, 1994	February 27, 1996	Wang, C. David; Eby, John M.; Lan, David; Chen, Hao A.; Judd, Richard E.; Joslin, Richard D.	Resilient floor covering and method of making same

Foreign

Patent No.	Date Issued	Country	Title
2,503,553	October 12, 2010	Canada	A surface covering panel with printed pattern
2,644,121	October 5, 2010	Canada	A process and system for sub-dividing a laminated flooring substrate
2,518,648	May 19, 2009	Canada	Carpet using unused yarn
2,410,390	January 15, 2008	Canada	Surface coverings containing fused recycled material and processes of making the same
2,435,518	September 11, 2007	Canada	Flooring with a 2-part adhesive
2,327,142	August 28, 2007	Canada	Thermoplastic planks and methods for

			making the same
2,362,269	December 5, 2006	PCT	Connecting system for surface coverings
232,139	November 11, 2005	Mexico	Thermoplastic planks and methods for making the same
2,283,835	March 18, 2003	Canada	Contrasting gloss surface coverings and surface coverings optionally containing dispersed wear-resistant particles and methods of making the same
2,284,751	February 11, 2003	Canada	Surface coverings containing fused recycled material and processes of making the same
2,282,572	September 24, 2002	Canada	A surface covering backing containing polymeric microspheres and processes of making the same
2,177,512	January 2, 2001	Canada	Decorative surface coverings and methods for making the same

2. Patents Pending

United States

Serial No.	Filing Date	Inventors	Title
*13/033222	February 23, 2011	Chen, Hao A.	Methods and systems for decorating bevel and other surfaces of laminated floorings
*13/016261	January 28, 2011	Peronto, Robert J.; Johnson, Timothy C.; Compton, Michael D.; Smith, Danny R.	Method for mechanically scraping boards, apparatus for same, and products made therewith
*12/987573	January 10, 2011	Chen, Hao A.; Whispell, John	Floor covering with interlocking design
*12/956317	November 30, 2010	Chen, Hao A.; Whispell, John	Connecting system for surface coverings
*12/956484	November 30, 2010	Walker, Andrew Nicholas	Dual-edge irregular bevel-cut system and method
12/771133	April 30, 2010	Brinkley, Robert Wayne	Method for imparting bleach and stain resistance to dyed yarns in carpet and products made therewith
12/398540	March 5, 2009	Dyczko-Riglin, Mary Katherine; Bradway, Dennis H.; Emmons, John; Wilmore, Carl	Surface coverings containing reclaimed VCT material, and methods and systems for making and using them
12/397449	March 4, 2009	Chen, Hao A.; Whispell, John	Connecting system for surface coverings

Serial No.	Filing Date	Inventors	Title
12/366191	February 5, 2009	McGee, Peggie D.	Carpet tile
12/334784	December 15, 2008	Walker, Andrew Nicholas	Dual-edge irregular bevel-cut system and method
11/976577	October 25, 2007	Chen, Hao A.; Rufus, Isaac B.	Surface coverings containing aluminum oxide
11/190452	February 1, 2007	Chen, Hao A.; Whispell, John	Connecting system for surface coverings
11/192552	July 25, 2005	Chen, Hao A.; Judd, Richard	Flooring products and methods of making the same

Foreign

Patent No.	Date Filed	Country	Title
US2009/036154	March 5, 2009	PCT	Surface coverings containing reclaimed VCT material, and methods and systems for making and using them
US2009/033190	May 2, 2009	PCT	Carpet tile
US2008/086794	December 15, 2008	PCT	Dual-edge irregular bevel-cut system and method
US2008/071446	July 29, 2008	PCT	Floor covering with interlocking design
US2008/054687	February 22, 2008	PCT	Olefin based compositions and floor coverings containing the same
US2007/013499	December 21, 2007	PCT	Methods and systems for decorating bevel and other surfaces of laminated floorings
US2007/013500	August 6, 2007	PCT	Carpet
US2006/027843	August 18, 2006	PCT	Connecting system for surface coverings
US2005/027149	July 29, 2005	PCT	Flooring products and methods of making the same
US2004/007814	March 12, 2004	PCT	Carpet using unused yarn
04720519.0	September 9, 2005	Europe	Carpet using unused yarn
2005/009738	September 12, 2005	Mexico	Carpet using unused yarn
20040009781.5	October 11, 2005	China	Carpet using unused yarn
US2003/034741	October 31, 2003	PCT	A surface covering panel with printed pattern
2005/004686	April 29, 2005	Mexico	A surface covering panel with printed pattern
15556561	October 31, 2003	Europe	A surface covering panel with printed pattern
US2003/022870	July 22, 2003	PCT	Flooring with a 2-part adhesive
2001/008122	August 10, 2001	Mexico	Connecting system for surface coverings
2001/009559	September 21, 2001	Mexico	Bonding agent for polymeric planks and methods of adjoining polymeric planks
US2000/042813	December 14, 2000	PCT	Bonding agent for polymeric planks and methods of adjoining polymeric planks

Patent No.	Date Filed	Country	Title
US2000/042812	December 14, 2000	PCT	Connecting system for surface coverings
2000-381016	December 14, 2000	Japan	Thermoplastic planks and methods for making the same
00127179	December 12, 2000	Europe	Thermoplastic planks and methods for making the same
US1999/001628	January 27, 1999	PCT	Contrasting gloss surface coverings and surface coverings optionally containing dispersed wear-resistant particles and methods of making the same
US1999/00605	January 12, 1999	PCT	A surface covering backing containing polymeric microspheres and processes of making the same

PATENT LICENSE AGREEMENTS

MMI as Licensee

1/1/06 – License from UniLin for laminate Products

12/11/06 – Interface, Inc. Settlement and Cross License Agreement for carpet backing

8/25/08 – License Agreement with Tac Fast for Adura LOCnGO products

11/20/09 – License under Settlement Agreement with Metroflor for Adura LOCnGO products

2/4/10 – License from Valinge for laminate products

4/13/10 – License from Congoleum for resilient flooring tiles; non-exclusive and royalty-free

5/1/10 – License from Pergo AG, Pergo LLC for joints for flooring panels; royalty payable by MMI flat fee plus

12/19/11 – License from Valinge for wood flooring products; license fee payable by MMI

MMI as Licensor

2/7/05 – Losetas Asfálticas, S.A. de S.V. (Vinylasa) Exclusive Supply Agreement with Patent License for vinyl composition tile products (Less than \$500,000 in annual purchases)

3/10/05 – Pharr Yarns, LLC Supply Agreement with Patent License for yarn processing