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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DONG TIAN	10/04/2006
GARY A. SIGEL	10/17/2006
FANG QIAO	10/04/2006
REBECCA L. WINEY	10/04/2006
JEFFREY S. ROSS	10/06/2006

RECEIVING PARTY DATA

Name:	ARMSTRONG WORLD INDUSTRIES, INC.	
Street Address:	2500 COLUMBIA AVENUE	
Internal Address:	P.O. BOX 3001	
City:	LANCASTER	
State/Country:	PENNSYLVANIA	
Postal Code:	17604-3001	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15009430

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: 717 396 5710

Email: patents@armstrong.com

Correspondent Name: ARMSTRONG WORLD INDUSTRIES, INC.

Address Line 1: 2500 COLUMBIA AVENUE

Address Line 4: LANCASTER, PENNSYLVANIA 17603

ATTORNEY DOCKET NUMBER:	0612-00-US-03-AFP
NAME OF SUBMITTER:	MICHELE GREENBERG
SIGNATURE:	/mg/
DATE SIGNED:	01/28/2016

Total Attachments: 4

PATENT REEL: 037613 FRAME: 0704 source=0612-00-US-03-AFP__Assignment#page1.tif
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PATENT REEL: 037613 FRAME: 0705

Assignment of Rights, Title and Interest in Invention Docket No. (Multiple inventors; single assignee) 0612 This is an Assignment of the following rights, title and interest: (check all that apply): United States of America rights, title and interest in the invention Foreign rights, title and interest in the invention ☑ United States Patent Application Serial No. 11/542,019 Date of Execution: October 17, 2006 Date of Filing: October 2, 2006 ☐ United States Provisional Patent Application Serial No. United States Patent No(s). ☐ International (PCT) Patent Application Serial No. Other (specify) Title of the Invention POLYESTER BINDER FOR FLOORING PRODUCTS Inventors (assignors) Name Address 2190 Butter Road, Lancaster, PA 17601 Dong Tian 120 Scarborough Lane, Millersville, PA 17551 Gary A. Sigel Fang Qiao 1358 Hyde Park Drive, Lancaster, PA 17601 Rebecca L. Winey 415 Redwood Drive, Lancaster, PA 17603 1401 Newton Road, Lancaster, PA 17603 Jeffrey S. Ross Assignee Address Name 2500 Columbia Avenue Armstrong World Industries, inc. P. O. Box 3001 Lancaster, PA 17604-3001

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AS03A/REV02

Assignment of Rights, Title and Interest in Invention (Multiple inventors; single assignee)

Docket No. 0612

Whereas, we, the above-identified Inventors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");

And, whereas we desire to assign our above-identified rights, title and interest in the Invention to the above-identified Assignee;

Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

And we hereby authorize and request the Director of the United States Patent and Trademark Office to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

And we further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

Inventors' Signatures (if Notarization is desired, do not sign here and proceed to next page)

Name	Signature/Date
Dong Tian	
Gary A. Sigel	
Fang Qiao	
Rebecca L. Winey	
Jeffrey S. Ross	

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PATENT REEL: 037613 FRAME: 0707

Assignment of Rights, Title and Interest in Invention (Multiple inventors; single assignee)

Docket No.

0612

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(Although notarization is not necessary, it will be considered prime	a facte evidence of execution pursuant to 35 U.S.C. 261.)
Executed this 4th day of 0theraper at Lancaster, PA	in the year 2006
	Commonvesality of Popularius
State of Pennsylvania	NOTARIAL SEAL LINDA A. HARNISH, Notary Public
County of Lancaster	Lancester, Leneaster County, PA My Commission Supress Oct. 8, 2010
Before me personally appeared Dong Tian	
	act and deed and also represented that he or she is authorized to
execute the same this $4^{rac{d-1}{2}}$ day of October	in the year 2006
	Lide Goiary Public
Executed this 774% day of DC/Dbuc	in the year 🚕 🛇
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count of realcastes	Lancaster, Lancaster County, PA sty Commission (Sapires Oct. 8, 2010)
Before me personally appeared Gary A. Sigel	
	act and deed and also represented that he or she is authorized to
execute the same this $ au au^{+k}$ day of $ agrace + agrace + $	y in the year 2.00 €
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of Lancaster, PA	
	(Signature of Inventor) Commonwealth of Pennsylvania
State of Pennsylvania	NOTARIAL SEAL
County of Lancaster	LINDA A. HARNISH, Notary Public Lancaster, Lancaster County, PA
	My Commission Exelies Col. 8, 2010
Before me personally appeared Fang Qiao	
who acknowleagea the foregoing instrument to be a free t execute the same this タゲ day of クラット	act and deed and also represented that he or she is authorized to in the year 2006
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	L.L. A. Hannil
	(Notary Public)

Assignment of Rights, Title and Interest in Invention (Multiple inventors; single assignce)

Docket No. 0612

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ut Lancaster, PA	day of october	8000
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State of Pennsylvania		I was a uadnich holsky fillie i
County of Lancaster		Lancaster, Lancaster County, PA My Commission Syptems Oct. 2, 2010
	peared Rebecca L. Winey	nee ant and dood and also represented that he ar she is authorized to
wno acknowieagea ine ; execute the same this		ree act and deed and also represented that he or she is authorized to $\mathbb{R}_{n \to \infty}$ in the year 2000
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		Linda Januari
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State of Pennsylvania		NOTARIAL SEAL
County of Lancaster		LINDA A. HARNISH, Notary Public Lancaster, Lancaster County, PA My Commission (Sapires Cot. 8, 2010
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		Linda Jany v. Hyranson
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at :		
State of		(Signature of Inventor)
County of	a de la companya de	
Before me personally ap who acknowledged the		ree act and deed and also represented that he or she is authorized to
execute the same this	day of	in the year
		(Notary Public)

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PATENT REEL: 037613 FRAME: 0709

RECORDED: 01/28/2016