ocket No.: 0004A 09-25-2003 FORM PTO-1595 (Modified) RE U.S. DEPARTMENT OF COMMERCE (Rev. 03-01) OMB No. 0651-0027 (exp.5/31/2002) Patent and Trademark Office P08/REV03 Tab settings -102560356 To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Armstrong World Industries, Inc. Name: AWI Licensing Company Internal Address: ☐ Yes ☒ No Additional names(s) of conveying party(ies) 3. Nature of conveyance: Street Address: 802 West Street ☐ Merger ☐ Security Agreement ☐ Change of Name City: Wilmington Other State: **DE** ZIP: 19801 Execution Date: September 10, 2003 ☑ No 4. Application number(s) or patent numbers(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) B. Patent No.(s) 10/081,663 Additional numbers attached? ☐ Yes ☑ No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Name: April D. Fiedler 7. Total fee (37 CFR 3.41):....\$ 40.00 Internal Address: Legal Group Enclosed - Any excess or insufficiency should be 09/24/2003 LMUELLER 00000154 012400 10081663 credited or debited to deposit account 01 FC:8021 40.00 DA Authorized to be charged to deposit account Street Address: 2500 Columbia Avenue 8. Deposit account number: 012400 P. O. Box 3001 City: Lancaster State: PA ZIP: 17604 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

April D. Fiedler

September 15, 2003

Name of Person Signing

Date

Total number of pages including cover sheet, attachments, and document:

ASSIGNMENT OF UNITED STATES PATENT APPLICATION

THIS ASSIGNMENT OF INTELLECTUAL PROPERTY (the "Assignment") is made as of the 11th day of August, 2003 (the "Effective Date"), by and between ARMSTRONG WORLD INDUSTRIES, INC., a Pennsylvania corporation ("Assignor"), and AWI LICENSING COMPANY, a Delaware corporation ("Assignee").

RECITALS:

WHEREAS, Assignor is the legal and equitable owner of U.S. Application Serial No. 10/081,663, filed February 22, 2002, entitled "Method of Installing a Floor Covering Underlayment Composite Over a Subfloor" ("Application"); and,

WHEREAS, Assignor desires to assign, sell and transfer to Assignee any and all worldwide right, title and interest in and to said Application, and any and all worldwide right, title and interest in and to any and all Letters Patent that may issue in the United States and its territories from said Application.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration paid to Assignor by Assignee, the receipt and sufficiency of which is hereby acknowledged by each of the parties hereto, Assignor does hereby assign, sell and transfer unto Assignee, its successors, assigns and nominees, the entire worldwide right, title and interest in and to said Application, the entire worldwide right, title and interest in and to any and all Letters Patent that may issue in the United States and its territories from said Application and any and all reissues, corrections and extensions thereof arising in the United States and its territories, together with all causes of action, claims, demands and other rights for, or arising from any infringement, including past infringements, of said Application and said Letters Patent. The Commissioner of Patents and Trademarks is requested to issue any such Letters Patent in accordance herewith. The Assignor agrees to communicate to the Assignee or its representatives any facts known to the Assignor respecting said Application and said Letters Patent. Assignor further agrees, without further consideration, to perform or cause to be performed such other lawful acts and to execute or to cause to be executed such further assignments. confirmatory instruments, certificates and other lawful documents as the Assignee, or its counsel. may from time to time reasonably request to effect fully this Assignment and generally to do everything possible to aid Assignee, its successors, assigns, and nominees, to obtain and enforce proper protection for the subject matter of this Assignment.

This Assignment shall be governed by and construed in accordance with the laws of the State of Delaware, without reference to the conflicts-of-law rules of such state.

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PATENT REEL: 014508 FRAME: 0489 IN WITNESS WHEREOF, the parties have caused this Assignment to be duly executed by their respective authorized representatives, all as of the Effective Date.

ARMSTRONG WORLD INDUSTRIES, INC.

		THE THE THE STATE OF THE STATE		
	By:	130MS1		
	Name:	Bruce J. Wolstoncroft		
	Title:	General Intellectual Property	Counse1	
	AWI L	ICENSING COMPANY		
	By:	Dougles & Wit		
	Name:	Douglas E. Winters		
	Title:	Vice President and Secretary		
COMMONWEALTH OF PENNSYLVANI COUNTY OF LANCASTER	A)))		
On September 10 , 2003, Bruce J. Wolstoncroft personally appeared before me, a Notary Public for said County and Commonwealth, and upon being duly sworn, says that he is the General Intellectual Property Counsel of ARMSTRONG WORLD INDUSTRIES, INC., and that the foregoing Assignment of Intellectual Property was signed and sealed by him on behalf of said corporation and acknowledged the said writing to be the lawful act and deed of the corporation.				
WITNESS my hand and notarial sea	1.			
My Commission Expires: 10/2/06		Notary Public NOTARIAL SEA! LINDA A. HARNISH, Notary Public Lancaster, Lancaster County, PA My Commission Expires Oct. 2, 2006		

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PATENT REEL: 014508 FRAME: 0490

COMMONWEALTH OF PENNSYLVANIA)			
)			
COUNTY OF LANCASTER)			
On September 10 2003 Dou	iglas E. Winters personally appeared			
before me, a Notary Public for said County and Commonwealth, and upon being duly sworn, says that he is the Vice President and Secretary of AWI LICENSING				
COMPANY, and that the foregoing Assignment of Intellectual Property was signed and sealed by him on behalf of said corporation and acknowledged the said writing to be the lawful act and				
deed of the corporation.	nowledged the said witting to be the lawful det and			
doed of the corporation.				
WITNESS my hand and notarial seal.				
•				
	Linda d. Harrish			
	Notary Public			
My Commission Expires: 10/2/06	NOTARIAL SEAT LINDA A. HARNISH, Notary Public Lancaster, Lancaster County, PA My Commission Expires Oct. 2, 2006			
	my commission expires Oct. 2, 2006			

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RECORDED: 09/22/2003

PATENT REEL: 014508 FRAME: 0491