

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
KENNETH G. CALDWELL	12/14/2015
STEVEN L. MASIA	12/11/2015
GOURISH SIRDESHPANDE	12/14/2015
MICHELLE X. WANG	12/14/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ARMSTRONG WORLD INDUSTRIES, INC.
<b>Street Address:</b>	2500 COLUMBIA AVENUE
<b>Internal Address:</b>	P.O. BOX 3001
<b>City:</b>	LANCASTER
<b>State/Country:</b>	PENNSYLVANIA
<b>Postal Code:</b>	17604-3001
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14970308
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<i>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.</i>	
<b>Phone:</b>	717 396 5710
<b>Email:</b>	patents@armstrong.com
<b>Correspondent Name:</b>	ARMSTRONG WORLD INDUSTRIES, INC.
<b>Address Line 1:</b>	2500 COLUMBIA AVENUE
<b>Address Line 4:</b>	LANCASTER, PENNSYLVANIA 17603
<b>ATTORNEY DOCKET NUMBER:</b>	1494-00-US-01-ABP
<b>NAME OF SUBMITTER:</b>	MICHELE GREENBERG
<b>SIGNATURE:</b>	/mg/
<b>DATE SIGNED:</b>	12/15/2015
<b>Total Attachments: 3</b>	
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**ASSIGNMENT & DECLARATION**

WHEREAS, We, Kenneth G. Caldwell; Steven L. Masia; Gourish Sirdeshpande; and Michelle X. Wang (hereinafter the "Assignors"), residing at 144 Rockford Square, Mountville, PA 17554; 128 Springbrook Court, Lancaster, PA 17603; 853 Westminster Drive, Lancaster, PA 17601; and 609 Belgian Way, Lititz, PA 17543 (respectively), believe we are the original joint inventors of certain inventions or improvements claimed and/or disclosed in an application(s) for Letters Patent which we have made, entitled VOC AND ODOR REDUCING BUILDING PANELS, filed concurrently herewith; and

WHEREAS, the above-identified application was made or authorized to be made by us.

WHEREAS, we hereby acknowledge that any willful false statement made in this Assignment & Declaration is punishable under 18 U.S.C 1001 by fine or imprisonment of not more than five (5) years, or both.

WHEREAS, Armstrong World Industries, Inc. a corporation duly organized and existing under the laws of the State of Pennsylvania, United States of America and having its principal office and place of business at 2500 Columbia Avenue, P.O. Box 3001, Lancaster, PA 17604-3001 (hereinafter the "ASSIGNEE"), is desirous of obtaining the entire right, title and interest in and to the aforesaid invention and patent application and corresponding patent rights worldwide;

NOW, THEREFORE, in consideration of good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNORS, by these presents do sell, assign and transfer to ASSIGNEE, the full and exclusive right, title and interest in and to the aforesaid invention, the aforesaid United States Patent Application and all corresponding foreign patent applications, all divisional, continuation, continuation-in-part, reissue, reexamination, and any additional United States Patent applications which claim priority to the aforesaid United States application, and all Letters Patent or comparable rights issuing thereon in the United States and in all foreign countries, together with the right(s) of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and the ASSIGNORS hereby authorize and request the United States Commissioner of Patents and Trademarks and all foreign Patent Offices to issue all Letters Patent or comparable rights issuing on any application as aforesaid to ASSIGNEE, or to its successors, assigns or legal representatives;

ASSIGNORS hereby covenant that ASSIGNORS have full right to convey the entire interest herein assigned, and that ASSIGNORS have not executed, and will not execute, any agreement in conflict herewith;

ASSIGNORS agree to communicate to ASSIGNEE or to its successors, assigns or legal representatives any and all facts known to them or any of them respecting said invention, and without further remuneration to testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and reexamination applications, make all rightful oaths and generally do all lawful acts to aid ASSIGNEE or its successors, assigns or legal representatives to obtain and enforce proper patent protection for said invention in all countries and to enhance or perfect ASSIGNEE's title in and to the invention and patent rights therein.

ASSIGNORS hereby authorize attorneys for ASSIGNEE to enter on this document any applicable serial numbers and filing dates after ASSIGNORS execution of this document.

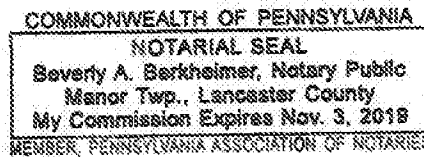
IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 14 day of December 2015.

Kenneth G. Caldwell  
NAME: Kenneth G. Caldwell

Commonwealth of Pennsylvania  
County of Lancaster

On this 14th day of December 2015, before me, a Notary Public in and for the State and County aforesaid, personally appeared the above signatory, known to me to be the person of that name, who executed the foregoing instrument in my presence.

Beverly A. Berkheimer  
NOTARY PUBLIC



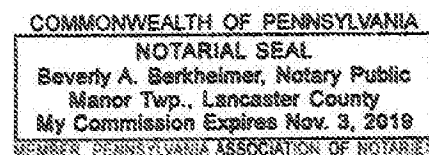
IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 11 day of Feb 2015.

Steven L. Masia  
NAME: Steven L. Masia

Commonwealth of Pennsylvania  
County of Lancaster

On this 11th day of December 2015, before me, a Notary Public in and for the State and County aforesaid, personally appeared the above signatory, known to me to be the person of that name, who executed the foregoing instrument in my presence.

Beverly A. Berkheimer  
NOTARY PUBLIC



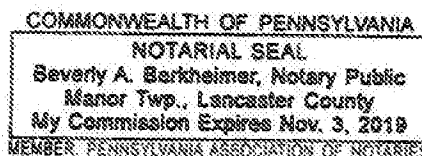
IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 14<sup>th</sup> day of December, 2015.

Gourish Sirdeshpande  
NAME: Gourish Sirdeshpande

Commonwealth of Pennsylvania  
County of Lancaster

On this 14<sup>th</sup> day of December, 2015, before me, a Notary Public in and for the State and County aforesaid, personally appeared the above signatory, known to me to be the person of that name, who executed the foregoing instrument in my presence.

Beverly A. Berkheimer  
NOTARY PUBLIC



IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 14 day of December, 2015.

Michelle X. Wang  
NAME: Michelle X. Wang

Commonwealth of Pennsylvania  
County of Lancaster

On this 14<sup>th</sup> day of December, 2015, before me, a Notary Public in and for the State and County aforesaid, personally appeared the above signatory, known to me to be the person of that name, who executed the foregoing instrument in my presence.

Beverly A. Berkheimer  
NOTARY PUBLIC

