504836854 03/26/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT				
NATURE OF CONVEYANCE:		ASSIGNMENT				
CONVEYING PARTY DA	٩ΤΑ					
			Name		Execution Date	
FARZAD BEHAFARID					03/14/2018	
ERIN A CASCI					02/05/2018	
ADAM D POLCYN					03/14/2018	
LEWIS P BEVANS					03/14/2018	
RECEIVING PARTY DA	TA					
Name:	VITRC	, S.A.	B. DE C.V.			
Street Address:	AV. RICARDO MARGAIN ZOZAYA #400					
Internal Address:	COL. \	/ALLE	DEL CAMPESTRE, SAN PEDRO	GAR	ZA GARCIA	
City:	NUEV	NUEVO LEON				
State/Country:	MEXICO					
Postal Code:	66265					
Property Type Application Number: 15		1571:	Number 2442			
Application Number.		13717	2442			
	e sent to	d; if th mhou MAR 400 C	e-mail address first; if that is uns hat is unsuccessful, it will be sen use@vitro.com CIA L. HOUSE GUYS RUN ROAD SWICK, PENNSYLVANIA 15024			
NAME OF SUBMITTER:			ANDREW C. SIMINERIO			
SIGNATURE:			/ANDREW C. SIMINERIO/			
DATE SIGNED:			03/26/2018			
Total Attachments: 4 source=ASSIGNMENT#pa source=ASSIGNMENT#pa source=ASSIGNMENT#pa source=ASSIGNMENT#pa	age2.tif age3.tif		·			
					ΡΔΤΕΝΤ	

Application No. 15/712,442 Attorney Docket No. 16011298A2

ASSIGNMENT

IN CONSIDERATION of good and valuable considerations received from VITRO, S.A.B. de C.V., a Mexican corporation, having a place of business at Av. Richardo Margain Zozaya #400, Col. Valle del Campestre, San Pedro Garza Garcia, Nuevo León, Mexico 66265 and intending to be legally bound hereby, I,

<u>NAME</u> Farzad Behafarid	<u>CITY</u> Gibsonia	<u>COUNTY</u> Allegheny	<u>STATE/COUNTRY</u> PA/USA
Erin A. Casci	Pittsburgh	Allegheny	PA/USA
Adam D. Polcyn Lewis P. Bevins Bevana	Pittsburgh Pittsburgh	Allegheny Allegheny	PA/USA PA/USA

do hereby sell, assign and set over unto VITRO, S.A.B. de C.V., the entire right, title and interest in and to my invention of improvements in

SHIPPING SYSTEM FOR SHIPPING GLASS SHEETS

as set forth in my application for Letters Patent of the United States of America, U.S. Serial No. 15/712,442, filed September 22, 2017, executed by

Farzad Behafarid, on the			Marc	, 2018;
Erin A. Casci, on the 5^{\prime}	day of	Geboy	<u>m/</u>)	2018;
Adam D. Polcyn, on the	152	day of	MARCH	, 2018;
Lewis P. Bexins, on the	14	day of	March	, 2018;

[this assignment also includes U.S. Provisional Patent Application Serial No. 62/402,549 filed September 30, 2016]; in and for the United States and all foreign countries, the same to be held and enjoyed by VITRO, S.A.B. de C.V., its successors, assigns, or legal representatives, to the full ends of the terms for which all Letters Patent therefor may be granted, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made.

AND I HEREBY AUTHORIZE VITRO, S.A.B. de C.V., to make application for and to receive Letters Patent for said invention in any or all foreign countries in its own name, or in any name, at its election.

> PATENT REEL: 045350 FRAME: 0187

Application No. 15/712,442 Attorney Docket No. 16011298A2

AND I HEREBY COVENANT AND AGREE that we will execute or procure any further necessary assurance of the title to said invention and Letters Patent; and that we will at any time, upon the request and at the expense of VITRO, S.A.B. de C.V., execute and deliver any and all papers that may be necessary or desirable to perfect the title to said invention or any Letters Patent which may be granted therefor, VITRO, S.A.B. de C.V., its successors, assigns, or other legal representatives, and that we will, at any time, upon the request and at the expense of VITRO, S.A.B. de C.V., testify in any legal proceeding, sign all lawful papers, execute any additional, divisional, continuing or reissue applications for patents for said invention, or any part or parts thereof, make all rightful oaths and generally do all lawful acts to aid VITRO, S.A.B. de C.V., its successors, assigns, or other legal representatives to obtain and enforce patent protection on said invention in all countries, without further compensation, but at the expense of VITRO, S.A.B. de C.V., its successors, assigns, or other legal representatives.

AND I HEREBY AUTHORIZE AND REQUEST the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States for said invention, or resulting from said application, or from any division, reissue, or extension thereof, to PPG INDUSTRIES OHIO, INC., as sole assignee.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my seal.

1. FULL NAME OF ASSIGNOR: Farzad Behafarid

RESIDENCE: 5014 Clendenning Road Gibsonia, PA 15044

14th **EXECUTED** this Mave day of 2018

WITNESS: ARCIA

Application No. 15/712,442 Attorney Docket No. 15011298A2

2. FULL NAME OF ASSIGNOR: Erin A. Casci	RESIDENCE:	616 Worth Street, Apt. A Pittsburgh, PA 15217
EXECUTED this day of	, 2018	

WITNESS:

-----Name: MARCIA L. HOUSE

3. FULL NAME OF ASSIGNOR: Adam D. Polcyn

RESIDENCE: 122 Crofton Drive Pittsburgh, PA 15238

<u>Con 27/2</u>

EXECUTED this	14	day of	MAR	CH ,2	2018
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WITNESS:

MARCIA L. HOUSE Name:

Application No. 15/712,442 Attorney Docket No. 16011298A2

RESIDENCE: 10 Allegheny Center, Apt. 513

Pittsburgh, PA 15212

4. FULL NAME OF ASSIGNOR: Lewis P. Bevans

a 14th larch EXECUTED this day of , 2018

WITNESS:

100 Name: MARCIA L. HOUSE

- 4 -

RECORDED: 03/26/2018