PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3005128

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
YU JIAO	08/22/2014
NICOLAS BENJAMIN DUARTE	08/25/2014
JEREMY D. ACORD	08/29/2014

RECEIVING PARTY DATA

Name:	PPG INDUSTRIES OHIO, INC.		
Street Address:	3800 WEST 143RD STREET		
City:	CLEVELAND		
State/Country:	ОНЮ		
Postal Code:	44111		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14082857

CORRESPONDENCE DATA

Fax Number: (412)434-4292

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.

412-434-2884 Phone: Email: sadams@ppg.com **Correspondent Name:** PPG INDUSTRIES INC Address Line 1: ONE PPG PLACE

Address Line 2: INTELLECTUAL PROPERTY

Address Line 4: PITTSBURGH, PENNSYLVANIA 15272

ATTORNEY DOCKET NUMBER: 11008038A1 **NAME OF SUBMITTER:** ANDREW C. SIMINERIO SIGNATURE: /Andrew C. Siminerio, Reg. No. 30803/ **DATE SIGNED:** 09/02/2014

Total Attachments: 3

source=11008038A1_ASSIGNMENT#page1.tif source=11008038A1_ASSIGNMENT#page2.tif source=11008038A1 ASSIGNMENT#page3.tif

> **PATENT** REEL: 033650 FRAME: 0324 502958530

ASSIGNMENT

IN CONSIDERATION of good and valuable considerations received from PPG INDUSTRIES OHIO, INC., a corporation of Delaware, having a place of business at Cleveland, Ohio, and intending to be legally bound hereby, we,

NAME	CITY	COUNTY	STATE/COUNTRY
Yu Jiao	Blawnox	Allegheny	Pennsylvania
Nicolas Benjamin Duarte	Allison Park	Allegheny	Pennsylvania
Jeremy D. Acord	Lower Burrell	Westmoreland	Pennsylvania

do hereby sell, assign and set over unto PPG INDUSTRIES OHIO, INC., the entire right, title and interest in and to our invention of improvements in

TRANSPARENCY HAVING MOISTURE SENSORS

as set forth in our application for Letters Patent of the United States of America, U.S. Serial No. 14/082,857, filed November 18, 2013, executed by

Yu Jiao, on the	22	day of	August	, 2014;
Nicolas Benjamin Duarte,	on the	day of	August	, 2014; and
Jeremy D. Acord, on the	29	day of	August	, 2014;

in and for the United States and all foreign countries, the same to be held and enjoyed by PPG INDUSTRIES OHIO, INC., 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 us if this assignment and sale had not been made.

AND WE HEREBY AUTHORIZE PPG INDUSTRIES OHIO, INC., 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.

AND WE 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 PPG INDUSTRIES OHIO, INC., 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, in PPG INDUSTRIES OHIO, INC., its successors, assigns, or other legal representatives, and that we will, at any time, upon the request and at the expense of PPG INDUSTRIES OHIO, INC., 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 PPG INDUSTRIES OHIO, INC., 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 PPG INDUSTRIES OHIO, INC., its successors, assigns, or other legal representatives.

AND WE 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.

seals.	IN TEST	iMONY Wł	HEREOF	we have here:	into set our hands and affixed our
STATE OF P	ENNSYLV	ANIA))SS		
County of All	egheny)		
	On this _	22	_day of _	August	, 2014 appeared before me
in person the					e to be his/her signature, and that
s/he signed,	sealed and	delivered	the above	e instrument as	his/her voluntary act and deed
and for the pr	urposes he	rein set for	th.		
Bun	4.24.4	Jeston			
•	Motary Pul	olic			
Beverly L Harmar My Commiss	EALTH OF PE Hotarial Seal Weston, Not Twp., Allegher Jon Expires M	l tary Public ny County arch 4, 2018	Parameter		

	NICOLAS BENJAMIN DUARTE
STATE OF PENNSYLVANIA)	
County of Allegheny)	
On this <u>25th</u> day of _	August, 2014 appeared before me
in person the above NICOLAS BENJAMIN D	DUARTE, and acknowledged the above to be
his/her signature, and that s/he signed, seal-	ed and delivered the above instrument as his/her
voluntary act and deed and for the purposes	herein set forth.
Benny & Westen	
Notary Public	
COMMONWEALTH OF PENNSYLVANIA Notarial Seal Beverly L. Weston, Notary Public Harmar Twp., Allegheny County My Commission Expires March 4, 2818 **********************************	Juny D. Deord JEREMY D. ACORD
STATE OF PENNSYLVANIA))SS	
County of Allegheny)	
On thisday of in person the above JEREMY D. ACORD, ar	A いっぴらす , 2014 appeared before me
signature, and that s/he signed, sealed and o	-
voluntary act and deed and for the purposes	
Bury & Weston Notary Public	
COMMONWEALTH OF PENNSYLVANIA Notarial Seal Beverly L. Weston, Notary Public Harmar Twp., Allegheny County My Commission Expires March 4, 2018 WEWSER PENNSYLVANIA ISSUED TO A STARRES	

- 3 -

William "