PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3846488

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JAMES W. MCCAMY	03/18/2016
CHENG-HUNG HUNG	03/18/2016
MEHRAN ARBAB	03/24/2016
ABHINAV BHANDARI	03/16/2016

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 2

Property Type	Number	
Application Number:	14967981	
Application Number:	62266239	

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.

Phone: 412-434-2918
Email: ipdocket@ppg.com

Correspondent Name: PPG INDUSTRIES, INC. IP LAW GROUP

Address Line 1: ONE PPG PLACE
Address Line 2: 39TH FLOOR

Address Line 4: PITTSBURGH, PENNSYLVANIA 15272

ATTORNEY DOCKET NUMBER:	12008881A2		
AME OF SUBMITTER: ANDREW C. SIMINERIO			
SIGNATURE:	/Andrew C. Siminerio, Reg. No. 30803/		
DATE SIGNED: 04/26/2016			

Total Attachments: 5

PATENT REEL: 038384 FRAME: 0769 source=12008881A2_Assignment#page1.tif
source=12008881A2_Assignment#page2.tif
source=12008881A2_Assignment#page3.tif
source=12008881A2_Assignment#page4.tif
source=12008881A2_Assignment#page5.tif

PATENT REEL: 038384 FRAME: 0770

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	
James W. McCamy	Export	Westmoreland	Pennsylvania	
Cheng-Hung Hung	Wexford	Allegheny	Pennsylvania	
Mehran Arbab	Pasadena	Los Angeles	California	
Abhinav Bhandari	Cranberry Township	Butler	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				

NANOPARTICLE COATER

as set forth in our application for Letters Patent of the United States of America, U.S. Serial No. 14/967,981, filed December 14, 2015, executed by

James W. McCamy, on the 18	Mayor Nech	, 2016;
Cheng-Hung Hung, on the 1/8	<u>M</u> day of <u>March</u>	2016;
Mehran Arbab, on the 247/L	day of	, 2016; and
Abhinav Bhandari, on the 10	day of Hanch	, 2016:

this assignment also includes U.S. Provisional Patent Application Serial No. 62/266,239, filed December 11, 2015; 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

PATENT REEL: 038384 FRAME: 0771 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.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals.

STATE OF PENNSYLVANIA)

State of Pennsylvania)

Ss

County of Allegheny)

On this _____day of ______, 2016 appeared before me in person the above James W. McCamy, and acknowledged the above to be his signature, and that he signed, sealed and delivered the above instrument as his voluntary act and deed and for the purposes herein set forth.

[/] Notary Public

COMMONWEALTH OF PENNSYLVANIA

Notarial Seal

Beveriy L. Weston, Notary Public
Harmar Twp., Allegheny County
My Commission Expires March 4, 1818

		Chanchen Chen	a - /4a	14mg
STATE OF PENNSYLVANIA)	SS		Ψ.
County of Allegheny On this	day.of	March	2016 appear	ed before me in
person the above Cheng-Hung Hu	ıng, and	acknowledged the	above to be his sig	gnature, and that
he signed, sealed and delivered th	ne above	e instrument as his	voluntary act and c	leed and for the
purposes herein set forth.				
Bury Xliketon	,	_		
Notary Public		•		
COMMONWEALTH OF PENNSYLVANIA Notarial Seal Beverly L. Waston, Notary Public Harmar Twp., Allegheny County My Commission Expires March 4, 2018				

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

STATE OF CALIFORNIA County of 203 1 168 161

On AMACA 1-4, 2016 before me, KICHAN SCOTT, NOTARY PLALIC Here Insert Name and Title of the Officer

personally appeared MchRAN

Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/ape subscribed to the within instrument and acknowledged to me that he/shé/they executed the same in his/her/their authorized capacity(igs), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

> I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal,

Los Angeles County My Comm. Expires Sep 27, 2015

RICHARO SCOTT Commission # 1989754 Notary Public - California

FPG Docket No. 12008681A2

				ABHINAV BHANDARI
STATE OF	PENNSYLVANIA)	00	
County of)	SS	
				, 2016 appeared before me in
person the a	above Abhinav Bhan	dari, and	acknow	rledged the above to be his signature, and that
he signed, s	ealed and delivered	the abov	e instru	ment as his voluntary act and deed and for the
purposes he	erein set forth.			
. ,				
	Notary Public			