

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT5537682

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JACOB W. MOHIN	02/01/2019
KURT G. OLSON	01/24/2019
STUART HELLRING	01/25/2019
LANDON OAKES	01/24/2019
CHAD LANDIS	02/01/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	PPG INDUSTRIES OHIO, INC.
<b>Street Address:</b>	3800 WEST 143RD STREET
<b>City:</b>	CLEVELAND
<b>State/Country:</b>	OHIO
<b>Postal Code:</b>	44111
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16227320
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(412)434-4292
<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>	412-434-2918
<b>Email:</b>	ipdocket@ppg.com
<b>Correspondent Name:</b>	PPG INDUSTRIES, INC.
<b>Address Line 1:</b>	ONE PPG PLACE
<b>Address Line 2:</b>	39TH FLOOR
<b>Address Line 4:</b>	PITTSBURGH, PENNSYLVANIA 15272
<b>ATTORNEY DOCKET NUMBER:</b>	18012175A1
<b>NAME OF SUBMITTER:</b>	J. CALEB FRANKLIN
<b>SIGNATURE:</b>	/John Caleb Franklin, Reg. 60509/
<b>DATE SIGNED:</b>	05/23/2019
<b>Total Attachments: 10</b>	

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## 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, I, Jacob W. Mohin, do hereby sell, assign and set over unto PPG INDUSTRIES OHIO, INC., the entire right, title and interest in and to my invention of improvements in

### BATTERY ELECTRODE COATINGS APPLIED BY WATERBORNE ELECTRODEPOSITION

as set forth in my application for Letters Patent of the United States of America, 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 me if this assignment and sale had not been made.

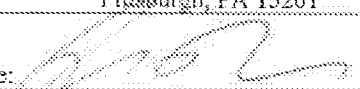
AND I HEREBY AUTHORIZE PPG INDUSTRIES OHIO, INC., to make application for and to receive Letters Patent for said invention in any or all foreign countries in its own name, or in any name, at its election.

AND I HEREBY COVENANT AND AGREE that I will execute or procure any further necessary assurance of the title to said invention and Letters Patent; and that I 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 I 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 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.

<b>NAME OF INVENTOR:</b>			
First Name: Jacob	Middle Name or Initial: W.	Family Name or Surname: Mohin	
Residence City: Pittsburgh	State: PA	Country: USA	Citizenship: USA
Mailing Address: 297 Fisk Street Pittsburgh, PA 15201			
Signature: 		Date: 2-1-2019	

  
Witness

## 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, I, Kurt G. Olson, do hereby sell, assign and set over unto PPG INDUSTRIES OHIO, INC., the entire right, title and interest in and to my invention of improvements in

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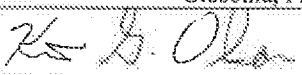
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AND I HEREBY COVENANT AND AGREE that I will execute or procure any further necessary assurance of the title to said invention and Letters Patent; and that I will at any time, upon the request and at the expense of PPG INDUSTRIES OHIO, INC., execute 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 I 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.

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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.

<b>NAME OF INVENTOR:</b>			
First Name: Kurt	Middle Name or Initial: G.	Family Name or Surname: Olson	
Residence City: Gibsonia	State: PA	Country: USA	Citizenship: USA
Mailing Address: 3935 Bakerstown Road Gibsonia, PA 15044			
		Date: 1-24-2019	



Witness

## 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, I, Stuart D. Hellring, do hereby sell, assign and set over unto PPG INDUSTRIES OHIO, INC., the entire right, title and interest in and to my invention of improvements in

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as set forth in my application for Letters Patent of the United States of America, 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 me if this assignment and sale had not been made.

AND I 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 I HEREBY COVENANT AND AGREE that I will execute or procure any further necessary assurance of the title to said invention and Letters Patent; and that I 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 I 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.

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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.

<b>NAME OF INVENTOR:</b>			
First Name: Stuart	Middle Name or Initial: D.	Family Name or Surname: Hellring	
Residence City: Pittsburgh	State: PA	Country: USA	Citizenship: USA
Mailing Address: 130 Oak Park Place, Pittsburgh, PA 15243			
Signature: <i>Stuart Hellring</i>		Date: <i>Jan 25, 2019</i>	

*Cheryl Benson*

Witness



## 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, I, Landon J. Oakes, do hereby sell, assign and set over unto PPG INDUSTRIES OHIO, INC., the entire right, title and interest in and to my invention of improvements in

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as set forth in my application for Letters Patent of the United States of America, 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 me if this assignment and sale had not been made.


AND I 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 I HEREBY COVENANT AND AGREE that I will execute or procure any further necessary assurance of the title to said invention and Letters Patent; and that I 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 I 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.

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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.

<b>NAME OF INVENTOR:</b>			
First Name: Landon	Middle Name or Initial: J.	Family Name or Surname: Oakes	
Residence City: Allison Park	State: PA	Country: US	Citizenship: US
Mailing Address: 2765 St. Andrew Square, Apt. 1833 Allison Park, PA 15101			
Signature: 		Date: 01-24-19	

  
Witness

## 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, I, Chad A. Landis, do hereby sell, assign and set over unto PPG INDUSTRIES OHIO, INC., the entire right, title and interest in and to my invention of improvements in

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as set forth in my application for Letters Patent of the United States of America, 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 me if this assignment and sale had not been made.

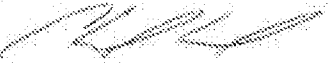
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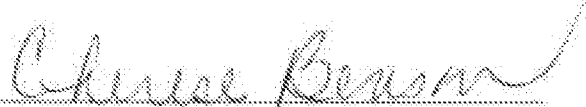
AND I HEREBY COVENANT AND AGREE that I will execute or procure any further necessary assurance of the title to said invention and Letters Patent; and that I will at any time, upon the request and at the expense of PPG INDUSTRIES OHIO, INC., execute and deliver any and all papers that may be necessary 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 I 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.

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

<b>NAME OF INVENTOR:</b>			
First Name: Chad	Middle Name or Initial: A.	Family Name or Surname: Landis	
Residence City: Oakmont	State: PA	Country: US	Citizenship: US
Mailing Address: 631 12 <sup>th</sup> Street Oakmont, PA 15139			
Signature: 		Date: 2/1/19	

  
Witness