

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2878607

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KRISHNA K. UPRETY	05/29/2014
KHUSHROO H. LAKDAWALA	05/29/2014
RUSSELL SHELLENBERGER	05/29/2014
MAHMOOD AHMAD ALI	05/29/2014

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: 1

Property Type	Number
Application Number:	14292200

CORRESPONDENCE DATA

Fax Number: (626)577-8800
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: (626) 795-9900
Email: PTO@CPH.COM
Correspondent Name: CHRISTIE, PARKER & HALE, LLP
Address Line 1: P.O. BOX 29001
Address Line 4: GLENDALE, CALIFORNIA 91209

ATTORNEY DOCKET NUMBER:	73395/P833
NAME OF SUBMITTER:	MARIAN M. LIU
SIGNATURE:	/MARIAN M. LIU/
DATE SIGNED:	05/30/2014

Total Attachments: 5

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ASSIGNMENT

WHEREAS, WE, KRISHNA K. UPRETY, KHUSHROO H. LAKDAWALA, RUSSELL SHELLENBERGER, AND MAHMOOD AHMAD ALI, residing at 28953 Mirada Circulo, Valencia, California 91354; 16316 West Fairbanks Court, Santa Clarita, California 91387; 2830 Galena Avenue, Simi Valley, California 93065; and 19439 Pauma Valley Drive, Porter Ranch, California 91326, respectively, have invented certain new and useful improvements disclosed in an application for United States Letters Patent entitled **TRANSPARENT CONDUCTING INDIUM DOPED TIN OXIDE**, filed herewith.

AND WHEREAS PPG INDUSTRIES OHIO, INC., a Delaware corporation, having a place of business at 3800 West 143rd Street, Cleveland, Ohio 44111 (hereafter, together with any successors, legal representatives or assigns thereof, called "ASSIGNEE") wants to acquire the entire right, title and interest in and to said improvements and application.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned, transferred and set over, and do hereby sell, assign, transfer and set over to ASSIGNEE the entire right, title and interest in and to said improvements, and said application and all divisions and continuations thereof, and all United States Letters Patents which may be granted thereon and all reissues, reexaminations and extensions thereof, including the right to sue or otherwise bring action and to collect and receive damages therefrom, for past infringement thereof, and all priority rights under all available International Agreements, Treaties and Conventions for the protection of intellectual property in its various forms in every participating country, and all applications for patents (including related rights such as utility-model registrations, inventor's certificates, and the like) heretofore or hereafter filed for said improvements in any foreign countries, and all patents (including all continuations, divisions, extensions, renewals, substitutes, and reissues thereof) granted for said improvements in any foreign countries; and we hereby authorize and request the United States Commissioner of Patents and Trademarks, and any officials of foreign countries whose duty it is to issue patents on applications as aforesaid, to issue all patents for said improvements to ASSIGNEE in accordance with the terms of this Assignment;

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

AND WE HEREBY further covenant and agree that we will communicate to ASSIGNEE any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute and reissue applications, make all rightful oaths and generally do everything possible to aid ASSIGNEE to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand this 29 day of May, 2014,
20 14

Krishna K. Uprety
Krishna K. Uprety

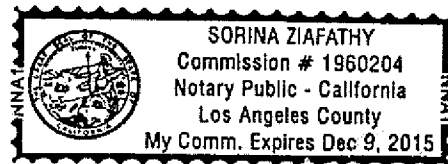
STATE OF CALIFORNIA)
COUNTY OF Los Angeles)

On May 29th, 2014 before me, Sorina Ziafathy
Notary Public, personally appeared **Krishna K. Uprety**, who proved to me on the basis of
satisfactory evidence to be the person whose name is subscribed to the within instrument and
acknowledged to me that he executed the same in his authorized capacity, and that by his
signature on the instrument the person, or the entity upon behalf of which the person 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.

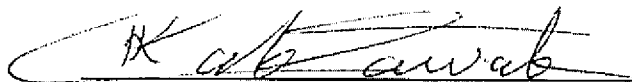
Sorina Ziafathy
Signature of Notary (Seal)



ASSIGNMENT
Docket No. 73395/P833

Joint

IN TESTIMONY WHEREOF, I hereunto set my hand this 29 day of May,
2014.



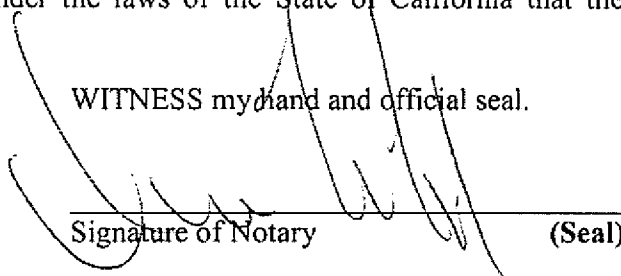
Khushroo H. Lakdawala

STATE OF CALIFORNIA)
COUNTY OF Los Angeles)

On May 29th, 2014 before me, Sorina Ziafathy,
Notary Public, personally appeared **Khushroo H. Lakdawala**, who proved to me on the basis of
satisfactory evidence to be the person whose name is subscribed to the within instrument and
acknowledged to me that he executed the same in his authorized capacity, and that by his
signature on the instrument the person, or the entity upon behalf of which the person 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.

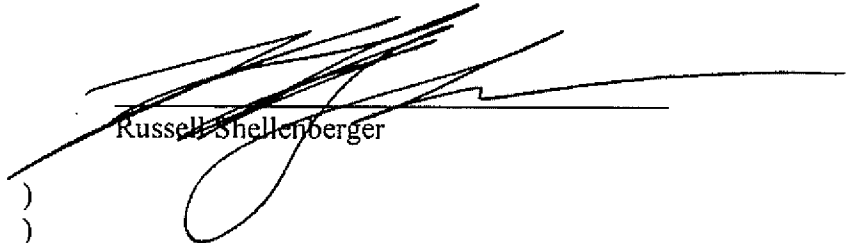


Signature of Notary

(Seal)



IN TESTIMONY WHEREOF, I hereunto set my hand this 29th day of May,
2014.

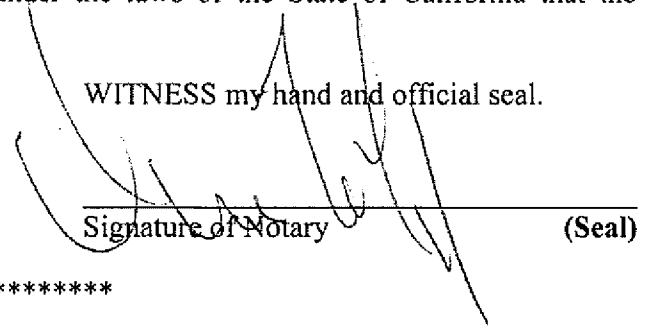


Russell Shellenberger

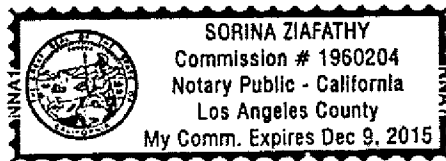
STATE OF CALIFORNIA
COUNTY OF Los Angeles)

On May 29th, 2014 before me, Sorina Ziafathy,
Notary Public, personally appeared **Russell Shellenberger**, who proved to me on the basis of
satisfactory evidence to be the person whose name is subscribed to the within instrument and
acknowledged to me that he executed the same in his authorized capacity, and that by his
signature on the instrument the person, or the entity upon behalf of which the person 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.


Signature of Notary (Seal)



ASSIGNMENT
Docket No. 73395/P833

Joint

IN TESTIMONY WHEREOF, I hereunto set my hand this 29 ^{May} day of 2014,
2014.

Mahmood Ahmad Ali
Mahmood Ahmad Ali

STATE OF CALIFORNIA)
COUNTY OF Los Angeles)

On May 29th, 2014 before me, Sorina Ziafathy,
Notary Public, personally appeared **Mahmood Ahmad Ali**, who proved to me on the basis of
satisfactory evidence to be the person whose name is subscribed to the within instrument and
acknowledged to me that he executed the same in his authorized capacity, and that by his
signature on the instrument the person, or the entity upon behalf of which the person 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.

Sorina Ziafathy
Signature of Notary (Seal)

JOE/smv

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