

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4565757

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
NATIONAL COATINGS CORPORATION	05/23/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	U.S. SILICA COMPANY
<b>Street Address:</b>	8490 PROGRESS DRIVE
<b>Internal Address:</b>	SUITE 300
<b>City:</b>	FREDERICK
<b>State/Country:</b>	MARYLAND
<b>Postal Code:</b>	21701
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15658342
<b>CORRESPONDENCE DATA</b>	
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<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>	626-795-9900
<b>Email:</b>	pto@LRRC.com
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<b>Address Line 1:</b>	P.O. BOX 29001
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<b>ATTORNEY DOCKET NUMBER:</b>	142994/USSCILICA
<b>NAME OF SUBMITTER:</b>	JENNIFER GUERRA
<b>SIGNATURE:</b>	/Jennifer Guerra/
<b>DATE SIGNED:</b>	08/24/2017
<b>Total Attachments: 6</b>	
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Docket No. 413320/U351

**ASSIGNMENT**

WHEREAS, NATIONAL COATINGS CORPORATION, a California Corporation, having a place of business at 1201 Calle Suerte, Camarillo, California 93012 ("ASSIGNOR" herein), did own the following improvements, patent applications, and United States patents:

<u>Inventor</u>	<u>Application No.</u>	<u>Filing Date</u>	<u>Title</u>
Eric L. Sexauer et al.	15/057724	03/01/16	HIGHLY REFLECTIVE ROOFING SYSTEM

<u>Inventor</u>	<u>Patent No.</u>	<u>Issue Date</u>	<u>Title</u>
Eric L. Sexauer et al.	8865303	10/21/14	HIGHLY REFLECTIVE ROOFING SYSTEM
Eric L. Sexauer et al.	9303407	04/05/16	HIGHLY REFLECTIVE ROOFING SYSTEM

AND WHEREAS, on April 1, 2017, ASSIGNOR did assign to U.S. SILICA COMPANY, a Delaware Corporation, having a place of business at 8490 Progress Drive, Suite 300, Frederick, Maryland 21701 (together with any successors, legal representatives of assigns thereof, called ASSIGNEE herein) the entire right, title, and interest in and to said improvements, patents, and patent applications.

NOW, THEREFORE, in keeping with the assignment of April 1, 2017 and in consideration of good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR has sold, assigned, transferred and set over, and does sell, assign, transfer and set over to ASSIGNEE the entire right, title, and interest in and to said improvements, and said patents and patent applications 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 ASSIGNOR hereby authorizes and requests 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, including the patents and applications listed in Schedule A to this Assignment;

AND ASSIGNOR HEREBY covenants that ASSIGNOR has the full right to convey the interest previously and herein assigned, and that ASSIGNOR has not executed, and will not execute, any agreement in conflict herewith;

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AND ASSIGNOR HEREBY further covenants and agrees that ASSIGNOR will communicate to ASSIGNEE any facts known to ASSIGNOR 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 patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, ASSIGNOR through its authorized officer hereunto set its hand this 22<sup>nd</sup> day of MAY, 2017.

NATIONAL COATINGS CORPORATION  
(ASSIGNOR)

By [Signature]  
Shawn Collins  
President

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.

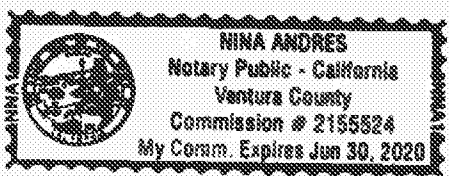
STATE OF CALIFORNIA )  
COUNTY OF VENTURA )

On 22nd day of MAY, 2017, before me, Nina Andres, Notary Public, personally appeared Shawn Collins, 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]

Signature of Notary (Seal)



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SO AGREED:

U.S. SILICA COMPANY (ASSIGNEE)

Dated: 5/31/2017

By *[Signature]*  
Christine Marshall  
General Counsel & Corporate Secretary

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.

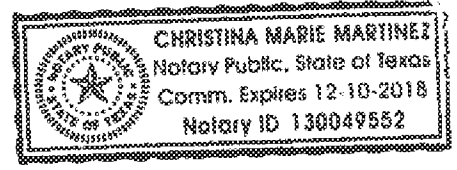
STATE OF ~~MARYLAND~~ Texas )  
COUNTY OF ~~FREDERICK~~ Harris )

On 5/31/2017 before me,  
Christina Marie Martinez Notary Public, personally appeared Christine Marshall, 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 she executed the same in her authorized capacity, and that by her 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 ~~Maryland~~ Texas that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.  
*[Signature]*

Signature of Notary (Seal)



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**SCHEDULE A**

Co.	Title	Application No.	Filing Date	Patent No.	Issue Date	Status	Upcoming Due Dates
US	HIGHLY REFLECTIVE ROOFING SYSTEM	61/248,285	10/02/09			Expired	
US	HIGHLY REFLECTIVE ROOFING SYSTEM	12/857,948	08/17/10	8665303	10/21/14	Issued	1st MFee Due 4/21/18
							2nd MFee Due 4/21/22
							3rd MFee Due 4/21/26
WO	HIGHLY REFLECTIVE ROOFING SYSTEM	PCT/US10/45720	08/17/10			Expired	
BR	HIGHLY REFLECTIVE ROOFING SYSTEM	BR112012007380-0	08/17/10			Pending	Annuity due 8/17/2017
CA	HIGHLY REFLECTIVE ROOFING SYSTEM	2775818	08/17/10	2775818	11/01/16	Issued	Annuity Due 8/17/17
CH	HIGHLY REFLECTIVE ROOFING SYSTEM	10745121.3 (Validation in Switzerland)	8/17/10			Pending	
CN	HIGHLY REFLECTIVE ROOFING SYSTEM	102612580	08/17/10	102612580	09/09/15	Granted	Annuity Due 8/17/17
EP	HIGHLY REFLECTIVE ROOFING SYSTEM	10745121.3	08/17/10	2489494	07/13/16	Issued	
BE	HIGHLY REFLECTIVE ROOFING SYSTEM	10745121.3 (Validation in Belgium)	08/17/10			Pending	Annuity Due 8/17/17
DE	HIGHLY REFLECTIVE	60 2010 034 858.4 (Validation in	08/17/10			Pending	Annuity Due 8/17/17

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Co.	Title	Application No.	Filing Date	Patent No.	Issue Date	Status	Upcoming Due Dates
	ROOFING SYSTEM	Germany)					
ES	HIGHLY REFLECTIVE ROOFING SYSTEM	10745121.3 (Validation in Spain)	08/17/10			Published	Annuity Due 8/17/17
FR	HIGHLY REFLECTIVE ROOFING SYSTEM	10745121.3 (Validation in France)	08/17/10			Pending	Annuity Due 8/17/17
IE	HIGHLY REFLECTIVE ROOFING SYSTEM	10745121.3 (Validation in Ireland)	8/17/10			Pending	
IT	HIGHLY REFLECTIVE ROOFING SYSTEM	502016000100751 (Italy)	08/17/10			Pending	Annuity Due 8/17/17
LI	HIGHLY REFLECTIVE ROOFING SYSTEM	10745121.3 (Validation in Liechtenstein)	8/17/10			Pending	
LU	HIGHLY REFLECTIVE ROOFING SYSTEM	10745121.3 (Validation in Luxembourg)	8/17/10			Pending	
NL	HIGHLY REFLECTIVE ROOFING SYSTEM	10745121.3 (Validation in Netherlands)	08/17/10			Pending	Annuity Due 8/17/17
PL	HIGHLY REFLECTIVE ROOFING SYSTEM	10745121.3 (Validation in Poland)	08/17/10	2483494	12/30/16	Issued	Annuity Due 8/17/17
SK	HIGHLY REFLECTIVE ROOFING SYSTEM	10745121.3 (Validation in Slovakia)	8/17/10			Pending	
GB	HIGHLY REFLECTIVE ROOFING SYSTEM	10745121.3 (Validation in UK)	08/17/10			Pending	Annuity Due 8/17/17

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Co.	Title	Application No.	Filing Date	Patent No.	Issue Date	Status	Upcoming Due Dates
HK	HIGHLY REFLECTIVE ROOFING SYSTEM	2013-101047	01/24/2013	HK1173757	08/26/16	Issued	Annulity Due 8/17/20
IN	HIGHLY REFLECTIVE ROOFING SYSTEM	2951/CHENP/2012	08/17/10			Pending	
JP	HIGHLY REFLECTIVE ROOFING SYSTEM	2012-532082	08/17/10	5868485B	02/24/16	Issued	Annulity Due 1/15/19
US	HIGHLY REFLECTIVE ROOFING SYSTEM	14/506,570	10/03/14	9303407	04/05/16	Issued	1st MFee Due 10/5/19
							2nd MFee Due 10/5/23
							3rd MFee Due 10/5/27
US	HIGHLY REFLECTIVE ROOFING SYSTEM	15/057,724	03/01/16			Notice of allowance issued 3/17/17	Issue fee due 6/6/17

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