

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Husnu M Kalkonoglu</td> <td>06/19/2013</td> </tr> <tr> <td>Ming Liang Shiao</td> <td>06/20/2013</td> </tr> </tbody> </table>		Name	Execution Date	Husnu M Kalkonoglu	06/19/2013	Ming Liang Shiao	06/20/2013				
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>CertainTeed Corporation</td> </tr> <tr> <td>Street Address:</td> <td>750 E. Swedesford Ave.</td> </tr> <tr> <td>City:</td> <td>Swarthmore</td> </tr> <tr> <td>State/Country:</td> <td>PENNSYLVANIA</td> </tr> <tr> <td>Postal Code:</td> <td>19482</td> </tr> </table>		Name:	CertainTeed Corporation	Street Address:	750 E. Swedesford Ave.	City:	Swarthmore	State/Country:	PENNSYLVANIA	Postal Code:	19482
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PROPERTY NUMBERS Total: 3											
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CORRESPONDENCE DATA											
<p>Fax Number: 2155675057 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 215-568-4900 Email: asluzas@paulandpaul.com Correspondent Name: Alex R. Sluzas Address Line 1: 2000 Market Street Address Line 2: Suite 2900 Address Line 4: Philadelphia, PENNSYLVANIA 19103</p>											
ATTORNEY DOCKET NUMBER:	2010-095 ORDER NO: 0308										
NAME OF SUBMITTER:	Alex R. Sluzas										

Signature:	/Alex R. Sluzas/
Date:	06/20/2013
Total Attachments: 2 source=Executed-Assignment-by-Kalkanoglu-and-Shiao#page1.tif source=Executed-Assignment-by-Kalkanoglu-and-Shiao#page2.tif	

ASSIGNMENT

WHEREAS, I, Husnu M. Kalkanoglu, 307 Yale Avenue, Swarthmore, PA 19081, I, Ming Liang Shiao, 4021 Greenes Way Circle, Collegeville, PA 19426, and I, Thomas McShea, 6 Bayside Avenue, Wareham, MA 02571 (hereinafter referred to as "the undersigned"), have invented an improvement in **COATING COMPOSITIONS FOR ROOFING GRANULES, DARK COLORED ROOFING GRANULES WITH INCREASED SOLAR HEAT REFLECTANCE, SOLAR HEAT-REFLECTIVE SHINGLES, AND PROCESS FOR PRODUCING THE SAME**, for which the undersigned executed (1) a provisional application for Letters Patent of the United States of America, **Application No. 61/040,983** filed in the United States Patent and Trademark Office on **March 31, 2008**; (2) an international application designating the United States, Application No. **PCT/US2009/037467**, filed in the United States Receiving Office on **March 18, 2009**, and (3) a U.S. national stage application, Application No. **12/933,144**, filed **September 17, 2010** (collectively, "the Applications");

WHEREAS, CertainTeed Corporation, a corporation of the state of Delaware, having a principal place of business located at 750 E. Swedesford Road, Valley Forge, PA 19482 (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title and interest in said invention, said Applications and all letters patent issuing for said invention;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and of other good and valuable consideration, receipt of which is acknowledged by the undersigned, the undersigned, intending to be legally bound, do hereby sell, assign and transfer to the Assignee and Assignee's legal representatives the entire right, title and interest, for the United States of America, its territories and possessions, and for all foreign countries, in said invention, said patent Applications and all nonprovisional applications and divisions and continuations thereof, and in all letters patent including all reissues thereof, issuing for said invention.

It is agreed that the undersigned shall be legally bound, upon request of the Assignee, to supply all information and evidence relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States and foreign countries in the name of the Assignee, and to execute all instruments proper to carry out the intent of this instrument.

The rights and property herein conveyed by the undersigned are free and clear of any encumbrance.

Witness:

Virginia Langton

Husnu M. Kalkanoglu (L.S.)
Husnu M. Kalkanoglu

Witness:

Rajesh Dayim

Ming Liang Shiao (L.S.)
Ming Liang Shiao

Witness:

_____ (L.S.)
Thomas McShea

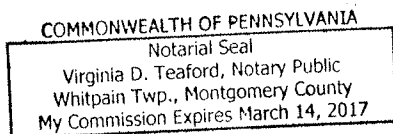
State of Pennsylvania:

ss.

County of Montgomery:

On this 19 day of June, 2013 before me personally appeared **Husnu M. Kalkanoglu** to me known to be the person(s) described in and who executed the foregoing instrument, and acknowledged that he executed the same for the purposes therein contained.

Witness my hand and Notarial seal the day and year immediately written.



Virginia D. Teaford
Notary Public

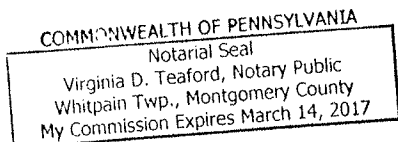
State of Pennsylvania:

ss.

County of Montgomery:

On this 20th day of June, 2013, before me personally appeared **Ming Liang Shiao** to me known to be the person(s) described in and who executed the foregoing instrument, and acknowledged that he executed the same for the purposes therein contained.

Witness my hand and Notarial seal the day and year immediately written.



Virginia D. Teaford
Notary Public