

# PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Ming Liang Shiao	04/03/2008
Husnu M. Kalkanoglu	04/03/2008
Gregory F. Jacobs	04/03/2008
RECEIVING PARTY DATA	
Name:	CertainTeed Corporation
Street Address:	750 East Swedesford Road
City:	Valley Forge
State/Country:	PENNSYLVANIA
Postal Code:	19482
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12057131
CORRESPONDENCE DATA	
Fax Number:	(215)567-5057
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	215-568-4900
Email:	ars@paulandpaul.com
Correspondent Name:	Alex R. Sluzas
Address Line 1:	Two Thousand Market Street
Address Line 2:	Suite 2900
Address Line 4:	Philadelphia, PENNSYLVANIA 19103
ATTORNEY DOCKET NUMBER:	210-07 ORDER NO. 6188
NAME OF SUBMITTER:	Alex R. Sluzas
<p>Total Attachments: 3</p> <p>source=210-07_R-8754_R-8946_Assignment#page1.tif</p>	

OP \$40.00 12057131

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**PATENT**  
**REEL: 020757 FRAME: 0499**

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**ASSIGNMENT**

WHEREAS, I, Ming Liang Shiao, 4021 Greenes Way Circle, Collegeville, PA 19426, I, Keith C. Hong, 1031 Bluestone Drive, Lititz, PA 17543, I, Husnu M. Kalkanoglu, 307 Yale Avenue, Swarthmore, PA 19081 and I, Gregory F. Jacobs, 5 Park Avenue, Oreland, PA 19075 (hereinafter referred to as "the undersigned"), have invented an improvement in **SOLAR HEAT-REFLECTIVE ROOFING GRANULES, SOLAR HEAT-REFLECTIVE SHINGLES, AND PROCESS FOR PRODUCING SAME**, for which the undersigned executed an application for Letters Patent of the United States of America, **Application No. 12/057,131** filed in the United States Patent and Trademark Office on **March 27, 2008**;


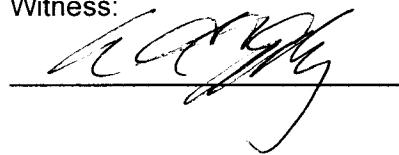
WHEREAS, CertainTeed Corporation, a corporation of the state of Delaware, having a principal place of business located at 750 E. Swedesford Road, Valley Forge, PA 19482 (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title and interest in said invention, said application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

 (L.S.)  
Ming Liang Shiao

Witness:

\_\_\_\_\_

\_\_\_\_\_(L.S.)  
Keith C. Hong

Witness:

\_\_\_\_\_

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

Witness:

\_\_\_\_\_

\_\_\_\_\_(L.S.)  
Gregory F. Jacobs

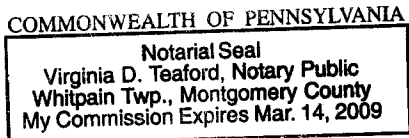
State of Pennsylvania:

ss.

County of Montgomery:

On this 3rd day of April, 2008, 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.



\_\_\_\_\_  
Notary Public

State of Pennsylvania:

ss.

County of Montgomery:

On this \_\_\_\_\_ day of \_\_\_\_\_, 2008, before me personally appeared **Keith C. Hong** 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.

\_\_\_\_\_  
Notary Public

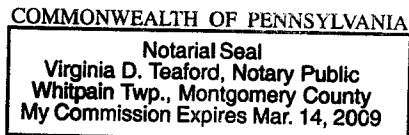
State of Pennsylvania:

ss.

County of Montgomery:

On this 3rd day of April, 2008, 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

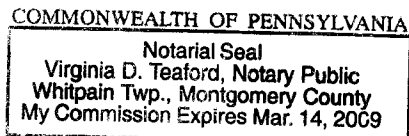
State of Pennsylvania:

ss.

County of Montgomery:

On this 3rd day of April, 2008, before me personally appeared **Gregory F. Jacobs** 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