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To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Ming Liang Shiao
Husnu M. Kalkanoglu
Keith C. Hong

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other

Execution Date:

2. Name and address of receiving party(ies):

Name: CertainTeed Corporation

Internal Address:

Street Address: 750 East Swedesford RoadP.O. Box 860City: Valley ForgeState: PAZIP: 19482Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

10/679,898

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Alex R. SluzasInternal Address: Paul & PaulStreet Address: Two Thousand Market StreetSuite 2900City: PhiladelphiaState: PAZIP: 19103

6. Total number of applications and patents involved:

17. Total fee (37 CFR 3.41):.....\$ 40.00☒ Enclosed - Any excess or insufficiency should be credited or debited to deposit account☐ Authorized to be charged to deposit account

8. Deposit account number:

16-0750

(Attach duplicate copy of this page if paying by deposit account)

9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*Alex R. Sluzas Reg. No. 28,669

Name of Person Signing

Signature

February 11, 2004

Date

Total number of pages including cover sheet, attachments, and document:

3

Mail documents to be recorded with required cover sheet information to:

Mail Stop Assignment Recordation Services

Director of the United States Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450

PATENT

REEL: 014975 FRAME: 0160

ASSIGNMENT

WHEREAS, I, Ming Liang Shiao, 4029 Greenes Way Circle, Collegeville, PA 19426, Husnu M. Kalkanoglu, 307 Yale Avenue, Swarthmore, PA 19081, and Keith C. Hong, 1031 Bluestone Drive, Lititz, PA 17543 (hereinafter referred to as "the undersigned"), have invented an improvement in COLORED ROOFING GRANULES WITH INCREASED SOLAR HEAT REFLECTANCE, 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, Serial No. 10/679,898 filed in the United States Patent and Trademark Office on October 6, 2003;

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.

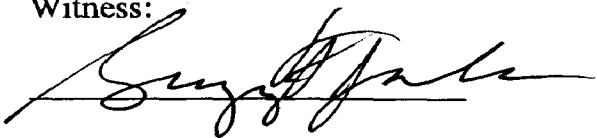
The rights and property herein conveyed by the undersigned are free and clear of any encumbrance.


Witness:



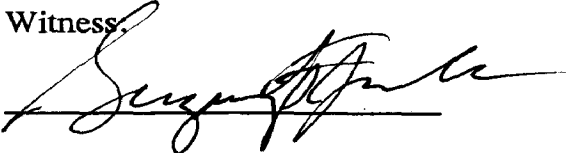
 (L.S.)
Ming Liang Shiao

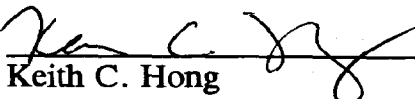
Witness:



 (L.S.)
Husnu M. Kalkanoglu

Witness:



 (L.S.)
Keith C. Hong

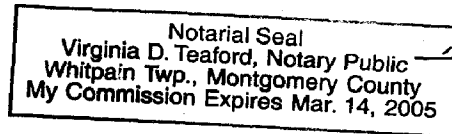
State of Pennsylvania:

ss.

County of Montgomery:

On this 3rd day of Feb, 2004, 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 she executed the same for the purposes therein contained.

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



Notary Public

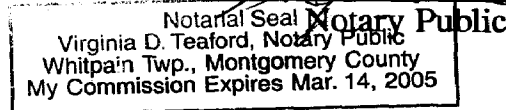
State of Pennsylvania:

ss.

County of Montgomery:

On this 3rd day of Feb, 2004, 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 she executed the same for the purposes therein contained.

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



Notary Public

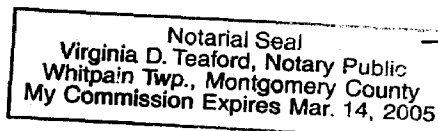
State of Pennsylvania:

ss.

County of Montgomery:

On this 3rd day of Feb, 2004, 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 she executed the same for the purposes therein contained.

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



Notary Public