

<b>PATENT ASSIGNMENT COVER SHEET</b>
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EPAS ID: PAT7799114

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	NUNC PRO TUNC ASSIGNMENT
<b>EFFECTIVE DATE:</b>	03/26/2019

**CONVEYING PARTY DATA**

Name	Execution Date
XIAOFENG TANG	05/20/2021
ROBERT L. JENKINS	05/21/2021

**RECEIVING PARTY DATA**

<b>Name:</b>	CERTAINTEED CORPORATION
<b>Street Address:</b>	20 MOORES ROAD
<b>City:</b>	MALVERN
<b>State/Country:</b>	PENNSYLVANIA
<b>Postal Code:</b>	19355

**PROPERTY NUMBERS Total: 1**

Property Type	Number
<b>Application Number:</b>	17498851

**CORRESPONDENCE DATA**

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<b>ATTORNEY DOCKET NUMBER:</b>	17-1639-US-CON
<b>NAME OF SUBMITTER:</b>	JAMES V. SUGGS
<b>SIGNATURE:</b>	/James V. Suggs/
<b>DATE SIGNED:</b>	02/15/2023

**Total Attachments: 2**

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ASSIGNMENT

Case No. 17-1639-PRO

U.S. Prov. Pat. Application No. 62/651107  
Filing Date: March 31, 2018

Case No. 17-1639-US

U.S. Pat. Application No. 16/365427  
Filing Date: March 26, 2019

Case No. 17-1639-CA

Canadian Pat. App No. 3038264  
Filing Date: March 28, 2019

Inventor: Xiaofeng Tang, Robert L. Jenkins

In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assign, effective March 26, 2019, to:

**CertainTeed Corporation  
20 Moores Road  
Malvern, PA 19355  
United States of America**

its successors and assigns, their entire right, title and interest in the invention or improvements of the undersigned disclosed the patent application(s) identified above and relating to:

**Reduced Weight, Multi-Layer Roofing Shingles and Methods for Installing Them**

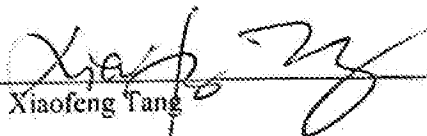
and in said application(s) and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assigns to said assignee the priority right provided by the International Convention. The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned warrant themselves to be the owners of (other than any right, title or interest already held by the assignee) the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrant (other than any right, title or interest already held by the assignee) that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned (other than any right, title or interest already held by the assignee).

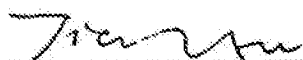
For said considerations the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations the undersigned authorize said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agree, upon the request of said assignee, its successors and assigns, to cooperate to the best of the ability of

the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignee, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

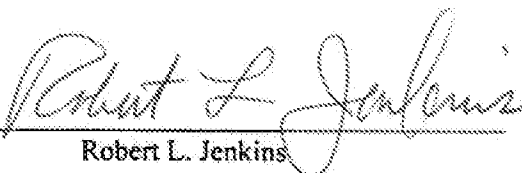
Dated: 5/20/2021

By:   
Xiaofeng Tang

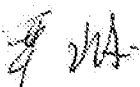
The foregoing instrument was acknowledged before me:

  
Name: Jia Hu

Dated: 5-21-2021

By:   
Robert L. Jenkins

The foregoing instrument was acknowledged before me:

  
Name: Jun Yan