505664581 09/10/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ROBERT D. LIVSEY	11/11/2013
JOSEPH G. GOMBARICK JR	04/08/2014
PETER CHIHLAS	11/18/2013
HUSNU M. KALKANOGLU	11/11/2013
MICHAEL E. BLACKBURN	04/05/2012
STEPHEN W. STEFFES	03/01/2012
GREGORY F. JACOBS	11/11/2013
MICHAEL J. NOONE	03/01/2012

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	15683401
Application Number:	16566407

CORRESPONDENCE DATA

Fax Number: (312)913-0002

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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ATTORNEY DOCKET NUMBER:	10-1454-US-CON4 -CON5
NAME OF SUBMITTER:	JAMES V. SUGGS

PATENT 505664581 REEL: 050330 FRAME: 0531

SIGNATURE:	/James V. Suggs/
DATE SIGNED:	09/10/2019
Total Attachments: 9	
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PATENT REEL: 050330 FRAME: 0532

ASSIGNMENT

Case No.: 10-1454 U.S. Provisional Patent Application serial no. 61/429,053

Filing Date: August 29, 2011

13/326094

U.S. Patent Application serial no. 13/326,081

Filing Date: December 14, 2011

Canadian Patent Application no.

Filing Date: December 22, 2011

Case No.: 10-1454-US

Case No.: 10-1454-CA

Inventors: Robert D. Livsey

Joseph C. Gombarick Jr.

Peter Chihlas

Husnu M. Kalkanoglu Michael E. Blackburn Stephen W. Steffes Gregory F. Jacobs Michael J. Noone

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 to:

CertainTeed Corporation

its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in the patent applications referenced above, entitled as:

Roofing Product with Integrated Photovoltaic Elements and Flashing System

and identified as:

Case Nos. 10-1454, 10-1454-US and 10-1454-CA

in the offices of MCDONNELL BOEHNEN HULBERT & BERGHOFF LLP and in said application 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 hereby authorize and request the attorneys of record in said application to insert in this assignment the filing date and serial number of said application when officially known, and the date of execution of the application.

The undersigned warrant themselves to be the owners of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrant that there are

no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

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.

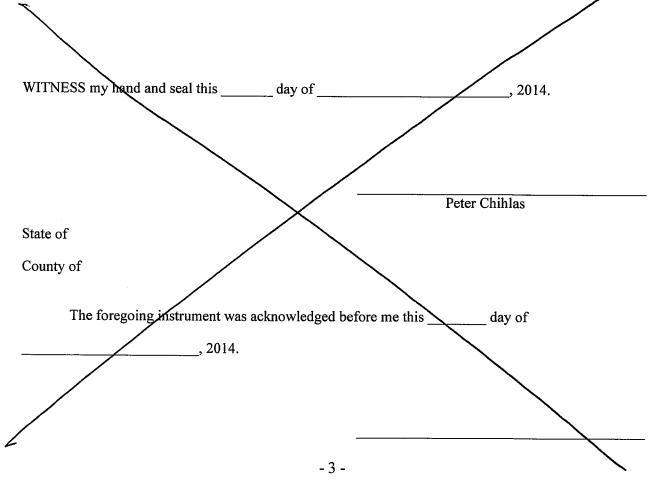
WITNESS my hand and seal this day of	vove-be-	2013
	Rober	rt D. Livsey
State of bennsquance		
State of Jontsonery County of Vontgonery	\ 1 l	,
The foregoing instrument was acknowledged by 2013.	pefore me this //	day of
	NOTARY PUBLIC	D. Lega a
		COMMONWEALTH OF PENNSYLVANIA

Notarial Seal

Virginia D. Teaford, Notary Public Whitpain Twp., Montgomery County My Commission Expires March 14, 2017

MOTARIAL SEAL Alyssa L. Glacley, Notary Public Uwchlan Twp., Chester County My Commission Expires Jan. 27, 2018 MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES WITNESS my hand and seal this 8 day of 700 years of the seal of

COMMONWEALTH OF PENNSYLVANIA



PATENT REEL: 050880 FRAME: 0525

WITNESS my hand and seal this day of _	, 2012.
	Joseph C. Gombarick Jr.
State of	
County of	
The foregoing instrument was acknowledge	ed before me this day of
, 2012.	
	NOTARY PUBLIC
WITNESS my hand and seal this day of	Morenter 2012
	Peter Chihlas
State of Yennsy Vania	
The foregoing instrument was acknowledged	before me this <u>/8 day</u> of
	NOTARY PUBLIC COMMONWEALTH OF PENNSYLVANIA Notarial Seel
∞ 3	Virginia D. Teaford, Notary Public Whitpain Tixp., Montgomery County My Commission Expires March 14, 2017

PATENT

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	Musnu M. Kalkanoglu
State of Venns glama	
State of Jenns glama County of Montgonery	
The foregoing instrument was acknowledged be	efore me this // day of
100 en kon, 2012.	•
COMMONWEALTH OF PENNSYLVANIA Notarial Seal Virginia D. Teaford, Notary Public Whitpam Twp., Montgomery County My Commission Expires March 14, 2017	NOTARY PUBLIC
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WITNESS my hand and seal this day of	2012.
	Michael E. Blackburn
State of	
County of	
The foregoing instrument was acknowledged before	ore me this day of
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WITNESS my hand and seal this	day of	, 2012.
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	·	Michael E. Blackburn
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April , 2012.		S NOTARY PURUC
		S NOTARY PUBLIC THIS STATE OF KANGAS TRUDY L. STEPHENS M. AUG. ERRADO 1-14-15
		Luciu & Sientran
	NO NO	TARY PUBLIC

WITNESS my hand and seal this day of	1asch, 2012.
	Stephen W. Steffes
State of Moundow	
County of MCPACSEN	
The foregoing instrument was acknowledged Maxch 2012.	before me this day of
7-14-15	Mucly & Stytenson
WITNESS my hand and seal this day of	, 2012.
	Gregory F. Jacobs
State of	Chogoly 1 tracoos
County of	
The foregoing instrument was acknowledged l	before me this day of
, 2012.	
	NOTARY PUBLIC

WITNESS my hand and seal this day of _	, 2012.
State of	Stephen W. Steffes
County of	
The foregoing instrument was acknowledge, 2012.	ed before me this day of
	NOTARY PUBLIC
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WITNESS my hand and seal this day of	November , 2017.
	Gregory F. Jacobs
State of Venca	
County of Montgo neg	
The foregoing instrument was acknowledged	before me this // day of
Hovember, 2012.	
COMMONWEALTH OF PENNSYLVANIA	
Notarial Seal Virginia D. Teaford, Notary Public Whitpain Twp., Montgomery County My Commission Expires March 14, 2017	NOTARY PIRE IC

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WITNESS my hand and seal this
Michael J. Numer
State of
County of
The foregoing instrument was acknowledged before me this _/St day of, 2012.

NOTARIAL SEAL
LINDA BORZILLO, Notary Public
Tredyffrin Twp., Chester County
My Commission Expires December 1, 2012

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