508700413 08/12/2024

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 Assignment ID: PATI420804

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Rathish Sathyabama ARUMUGAM	08/08/2024
Sriram YAGNESWARAN	08/06/2024

RECEIVING PARTY DATA

Company Name:	CERTAINTEED LLC	
Street Address:	Moores Road	
City:	alvern	
State/Country:	PENNSYLVANIA	
Postal Code:	19355	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17473662

CORRESPONDENCE DATA

Fax Number: 5127957677

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

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

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Correspondent Name: ABEL SCHILLINGER, LLP
Address Line 1: 12414 Alderbrook Drive

Address Line 2: Suite 201

Address Line 4: Austin, TEXAS 78758

ATTORNEY DOCKET NUMBER:	18-R-0409US02
NAME OF SUBMITTER:	Bryce Yates
SIGNATURE:	Bryce Yates
DATE SIGNED:	08/12/2024

Total Attachments: 4

source=18-R-0409US01 & 18-R-0409US02_Executed_Updated_Assignment#page1.tiff source=18-R-0409US01 & 18-R-0409US02_Executed_Updated_Assignment#page2.tiff source=18-R-0409US01 & 18-R-0409US02_Executed_Updated_Assignment#page3.tiff source=18-R-0409US01 & 18-R-0409US02_Executed_Updated_Assignment#page4.tiff

PATENT 508700413 REEL: 068250 FRAME: 0071

Attorney Docket No.: 18-R-0409US01 & 18-R-0409US02

ASSIGNMENT OF INVENTION

For good and valuable consideration, the receipt of which is hereby acknowledged, I, an ASSIGNOR named below,

athish	Sathyabama ARU	MUGAM of Kelambakkam, Tamil Nadu 603103 India
nereby	sell, assign and tra	insfer to
	ASSIGNEE:	CERTAINTEED LLC, a Delaware Corporation, having a principal place of business at 20 Moores Road, Malvern, PA, 19355, United States of America,
		d legal representatives, my entire right, title and interest throughout the to claim priority, in and to the invention disclosed in:
	U.S. Patent A U.S. Provision U.S. Applicat U.S. Applicat Canadian App	pplication executed on or about the date of this Assignment, pplication executed on, nal Application, filed on, ion No.: 16225811, filed on December 19, 2018, ion No.: 17473662, filed on September 13, 2021, or olication No.: 3028203, filed on December 20, 2018, Application No.: PCT/, filed on
	ENTITLED:	MICROBIAL GROWTH AND DUST RETARDANT ROOFING SHINGLES, and naming as
	INVENTOR(S):	Rathish Sathyabama ARUMUGAM, Sriram YAGNESWARAN, Vinay NATRAJAN.
Jnited	States and foreig	vithout limitation, my entire right, title and interest in and to any and all an applications (including international, regional and foreign national vention including divisions continuations, continuations, including divisions continuations, continuations, including divisions continuations.

models, industrial designs, renewals, substitutes and extensions thereof, and in and to any and all patents, invention registrations, or other forms of protection ("Patents") of every country or region that may be granted or have been granted for said Invention, including any reissues and reexaminations thereof.

To comply	with 37 C	C.F.R.	§ 3.21	for rec	ordii	ng this As	ssignme	nt, I	auth	orize and	i request	that the
application	number	and	filing	date	be	inserted	here,	if	not	already	shown	above,
(filed	manana ara da da manana		олитал <u>ску како</u>	OHITEKKA KANDONI PANONI III WANDING) when	they	beco	me knov	vn.	

I authorize Assignee to apply for and be granted patents in the United States and foreign countries for said Invention, and to claim all rights of priority without further authorization from me.

I agree that, upon request and without further compensation, but at no expense to me, I and/or my legal representatives and assigns will do all lawful acts, including the execution of papers and the

- Page I of 2 -

Attorney Docket No.: 18-R-0409US01 & 18-R-0409US02

giving of testimony, that may be necessary or desirable for obtaining, sustaining, reissuing, or enforcing the Patents in the United States and throughout the world for said Invention, and for perfecting, recording, or maintaining the title of Assignee, its successors and assigns, to said Invention, said application, and any Patents granted for said Invention in the United States and throughout the world.

I hereby covenant that no assignment, sale, license, agreement, or encumbrance has been or will be made or entered into that would conflict with this Assignment.

I authorize and request the Director of the United States Patent and Trademark Office and agencies, departments, or other similar offices and officials of all foreign countries to issue any Patents granted for said Invention, whether on said application or on any subsequently filed divisional, continuation, continuation-in-part, reexamination, reissue or other application, to Assignee, its successors and assigns, as the assignee of the entire interest in said Invention.

Executed on August 08 2024, by Rathish Sathyabama ARUMUGAM

Witnessed on 08-08-2024, by 8

[Month-day-year] Non-inventor Witness Signature

Attorney Docket No.: 18-R-0409US01 & 18-R-0409US02

ASSIGNMENT OF INVENTION

For good and valuable consideration, the receipt of which is hereby acknowledged, I, an ASSIGNOR named below,

Sriram YAGNESWARAN of Nagar, Bangalore 560093 India

hereby sell, assign and transfer to

ASSIGNEE:

CERTAINTEED LLC, a Delaware Corporation, having a principal place of business at 20 Moores Road, Malvern, PA, 19355, United States of

America,

its successors, assigns and legal representatives, my entire right, title and interest throughout the world, including all rights to claim priority, in and to the invention disclosed in:

U.S. Patent Application U.S. Application U.S. Application	plication executed on or about the date of plication executed on	2018, , 2021, or 20, 2018,
	MICROBIAL GROWTH AND DUST SHINGLES, and naming as	RETARDANT ROOFING
	Rathish Sathyabama ARUMUGAM, Srii Vinay NATRAJAN.	am YAGNESWARAN,
United States and foreign applications) for said Inve models, industrial designs, patents, invention registrati	thout limitation, my entire right, title and applications (including international, ention, including divisions, continuations renewals, substitutes and extensions thereions, or other forms of protection ("Paten have been granted for said Invention,	regional and foreign national s, continuations-in-part, utility reof, and in and to any and all ts") of every country or region
application number and	§ 3.21 for recording this Assignment, I filing date be inserted here, if when they	not already shown above,
	oly for and be granted patents in the Unite laim all rights of priority without further a	
- 1 1	and without further compensation, but at a ssigns will do all lawful acts, including the	_

- Page 1 of 2 -

Attorney Docket No.: 18-R-0409US01 & 18-R-0409US02

giving of testimony, that may be necessary or desirable for obtaining, sustaining, reissuing, or enforcing the Patents in the United States and throughout the world for said Invention, and for perfecting, recording, or maintaining the title of Assignee, its successors and assigns, to said Invention, said application, and any Patents granted for said Invention in the United States and throughout the world.

I hereby covenant that no assignment, sale, license, agreement, or encumbrance has been or will be made or entered into that would conflict with this Assignment.

I authorize and request the Director of the United States Patent and Trademark Office and agencies, departments, or other similar offices and officials of all foreign countries to issue any Patents granted for said Invention, whether on said application or on any subsequently filed divisional, continuation, continuation-in-part, reexamination, reissue or other application, to Assignee, its successors and assigns, as the assignee of the entire interest in said Invention.

Executed on _	6th August 2024 [Month-day-year]	_, by	GuRam, Sriram YAGNESWARAN	
Witnessed on	8/6/2024	∘ bv	Rdcdu-	
Williams of the	[Month-day-year]		Non-inventor Witness Signature	

- Page 2 of 2 - Attorney Docket No.: 18-R-0409US01 & 18-R-0409US02