PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT5383071 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DANIEL W CHENEY	08/01/2017
JEFFREY K OLSON	08/01/2017
TYLER G CONGLETON	08/01/2017

RECEIVING PARTY DATA

Name:	BOISE CASCADE COMPANY	
Street Address: 1111 WEST JEFFERSON STREET		
City:	BOISE	
State/Country:	IDAHO	
Postal Code:	83702	

PROPERTY NUMBERS Total: 1

Property Type	Number		
Application Number:	16323271		

CORRESPONDENCE DATA

Fax Number: (302)355-0594

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.

Phone: 302-999-4130

Email: janell.wright@dupont.com

E. I. DU PONT DE NEMOURS AND COMPANY **Correspondent Name:**

Address Line 1: 974 CENTRE ROAD

Address Line 2: CHESTNUT RUN PLAZA 721/2335 Address Line 4: **WILMINGTON, DELAWARE 19805**

ATTORNEY DOCKET NUMBER: DI79473-US-PCT **NAME OF SUBMITTER:** JANELL WRIGHT **SIGNATURE:** /Janell Wright/ **DATE SIGNED:** 02/20/2019

Total Attachments: 2

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PATENT REEL: 048379 FRAME: 0425 505336290

This Assignment 110 is in the ENGLISH language and has the same meaning in other languages with the same 110 number and R/Date

FORM 110 (R.5/97)

INDIVIDUAL ASSIGNMENT AND INVENTOR'S DECLARATION

(with Priority Rights)

I/we verily believe I am/we are the original, first and sole/joint inventor(s) of the subject matter which is embraced by and for which a patent is sought on the invention entitled: WOOD-BASED MATERIAL INSULATED FOR COMBUSTION RESISTANCE

which invention was made and invented by me/us out of and in the course of my/our employment with my/our respective employers as stated below my/our name(s). I/we acknowledge that I/we hold the invention and all patent and other rights and powers obtainable or exercisable in respect thereof in trust for our respective employers. As trustee(s), and for good and valuable consideration and/or the remuneration received for my/our work, I/we sell, assign and transfer unto:

Boise Cascade Company 1111 West Jefferson Street

Boise, Idaho 83702 United States of America

an entity organized and existing under the laws of the state of Idaho (hereinafter referred to as the "Assignce"); my/our entire right, title and interest throughout the world, in and to the invention and all rights and powers to make applications, including provisional applications when permitted by law, for Letters Patent in its own name, or in the name of its designee (or nominee(s)); and all rights and powers to file any corresponding or equivalent applications in any and all countries, including all rights to claim priority under all United States domestic laws, International Convention(s) and Treaties in the name of Assignee, and do hereby authorize Assignee or its designee to insert here the Priority Number, Filing Date, and Filing Country

Priority Number	Filing Date	Filing Country		
PCT/US2017/44,585	July 31, 2017	International		

of the application, on which the claim for priority will be based; and in and to any Letters Patent that may be issued for the invention in any and all countries. I/we do hereby agree to assist Assignee in the prosecution of the application(s) and in any interference, conflict, opposition or litigation which may arise involving the invention or the patent or patents thereon, and to execute for any and all countries any document relating to applications derived from, corresponding to or equivalent to the above identified application as Assignee may request.

I/we authorize Assignee or its designee to translate this Assignment into all languages necessary; and we request that any such Letters Patent be issued to Assignee; and consent to the recordal of this Assignment, or a Notarial True Copy thereof, being under covenant not only that I/we have full power to make the same, but also that such assigned rights are not encumbered by any grant, license, or other right heretofore given.

Subscribed and Declared by me/us:

At: Boise, Idaho 83702 USA this day of Autority 31, 2017 Signature: Full Name: Daniel W. Cheney Mailing Address: 1111 West Jefferson Street, Suite 300 Boise, Idaho 83702 United States of America	At: White City, Oregon 97503 USA this 15r day of AUGUST , 20 17 Effective as of July 31, 2017 Signature: Full Name: Jeffrey K. ORon Mailing Address: P. O. Box 2400 White City, Oregon 97503 United States of America
At: White City, Oregon 97503 USA this 15+ day of 1-9-5+ , 20 17 Effective as of July 31, 2017 Signature: Full Name: Pyler G. Congleton Mailing Address: P. O. Box 2400 White City, Oregon 97503 United States of America	At: this day of, 20 Signature: Full Name: Mailing Address:
At:	At:

PATENT REEL: 048379 FRAME: 0426

ASSIGNEE ACCEPTANCE

WE, the ASSIGNEE:

BOISE CASCADE COMPANY 1111 West Jefferson Street Boise, Idaho 83702 United States of America

hereby accept the ASSIGNMENT which is dated: August 1, 2017

From the ASSIGNORS:

Daniel W. Cheney, residing at 1111 West Jefferson Street, Suite 300, Boise, Idaho 83702, United States of America;

Jeffrey K. Olson, residing at P. O. Box 2400, White City, Oregon 97503, United States of America; and

Tyler G. Congleton, residing at P. O. Box 2400, White City, Oregon 97503, United States of America

of the invention entitled:

WOOD-BASED MATERIAL INSULATED FOR COMBUSTION RESISTANCE

without any restrictions and with all rights and obligations deriving therefrom and declare that this confirmation of acceptance shall be deemed a part of the said ASSIGNMENT.

Signed at	1111	1.Jessen	son St.	Ste300.	83702
this TH	aay or	Augu	and Tare	, 20 ⁽	
		0			

BOISE CASCADE COMPANY

CORP.

Name: Dan Hutchinson

Title: Executive Vice President - Wood Products

PATENT REEL: 048379 FRAME: 0427

RECORDED: 02/20/2019