502660071 01/30/2014

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2706678

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WEILING PENG	10/16/2013
HONG CHEN	11/10/2013
CAIDIAN LUO	10/16/2013
DONALD J. MERKLEY	10/21/2013

RECEIVING PARTY DATA

Name:	JAMES HARDIE TECHNOLOGY LIMITED	
Street Address:	HARCOURT CENTRE, HARCOURT STREET	
Internal Address:	EUROPA HOUSE, SECOND FLOOR	
City:	DUBLIN 2	
State/Country:	IRELAND	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13789468

CORRESPONDENCE DATA

(949)760-9502 Fax Number: Phone: 949-760-0404 Email: efiling@knobbe.com

Correspondence will be sent via US Mail when the email attempt is unsuccessful. Correspondent Name: KNOBBE MARTENS OLSON & BEAR, LLP

Address Line 1: 2040 MAIN STREET, 14TH FLOOR

Address Line 4: IRVINE, CALIFORNIA 92614

ATTORNEY DOCKET NUMBER:	HARD.109USC1 (HARD.216C1)
NAME OF SUBMITTER:	LINDA H. LIU
Signature:	/Linda H. Liu/
	PATENT

REEL: 032098 FRAME: 0353 502660071

Date:	01/30/2014
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 6 source=Declaration_Assignment_HARD1-2 source=Declaration_Assignment_HARD1-2 source=Declaration_Assignment_HARD1-2 source=Declaration_Assignment_HARD1-2 source=Declaration_Assignment_HARD1-2 source=Declaration_Assignment_HARD1-2	16C1#page2.tif 16C1#page3.tif 16C1#page4.tif 16C1#page5.tif

Application Data Sheet filed previously or concurrently

Docket No.: HARD1.109USC1 (HARD1.216C1)

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Title: ENGINEERED COMPOSITE BUILDING MATERIALS AND METHODS OF MAKING SAME

Inventors: Weiling Peng; Hong Chen; Caidian Luo; and Donald J. Merkley

Declaration

This Declaration is directed to the application identified above that:

Was filed March 7, 2013 as U.S. or International Application No. 13/789,468 and incorporating any amendments made thereto prior to the signature date of this Declaration.

As a named inventor, I declare that:

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

Assignment from Inventors

WHEREAS, above-identified inventors (individual(s) hereinafter "ASSIGNOR") invented certain new and useful improvements, technology, inventions, developments, ideas, ornamental designs, or discoveries, and hereby assign or are under an obligation to assign to the below identified Assignee the above-titled application (collectively hereinafter referred to as the "Work") for which an application for Letters Patent in the United States (identified above) has been prepared for filing with the United States Patent and Trademark Office (hereinafter the "Application").

AND WHEREAS, James Hardie Technology Limited, with its principal place of business at Europa House, Second Floor, Harcourt Centre, Harcourt Street, Dublin 2, Ireland (hereinafter the "ASSIGNEE"), desires to acquire the entire right, title, and interest in and to the Application and the Work.

NOW, THEREFORE, for good and valuable consideration of which receipt is hereby acknowledged, ASSIGNOR hereby acknowledges that ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in the Application and the Work, including all patent properties filed or issued upon the Application and the Work; where "Patent Properties" include, but are not limited to:

all provisional applications relating thereto;

all nonprovisional applications claiming priority to aforementioned provisional(s) and/or the present Application, including, all divisions, continuations, continuations-in-part, and reissues, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof; and

all rights of priority under International Conventions and any related Letters Patent which may hereafter be granted or filed in any country or countries foreign to the United States, all extensions, renewals and reissues thereof.

ASSIGNOR hereby acknowledges the ASSIGNEE as the Applicant for all aforementioned patent properties, and authorizes and requests the Commissioner of Patents of the United States, and any

Application Data Sheet filed previously or concurrently

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Title: ENGINEERED COMPOSITE BUILDING MATERIALS AND METHODS OF MAKING SAME

Inventors: Weiling Peng; Hong Chen; Caidian Luo; and Donald J. Merkley

Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all related Letters Patent to the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND ASSIGNOR DOES HEREBY sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of said Letters Patent before or after issuance.

AND ASSIGNOR DOES HEREBY covenant and agree that ASSIGNOR will communicate to said ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNOR respecting the Work, and testify in any legal proceeding, assist in the preparation of any other Patent Property relating to the Application and the Work or any improvements made thereto, sign/execute all lawful papers, authorize the filing of and execute and make all rightful oaths and/or declarations in connection with the Application and the Work including any improvements made thereto, any patent applications filed therefrom, and any continuing application filed from any of the aforementioned applications, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Work in all countries.

Application Data Sheet filed previously or concurrently

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TITIE: ENGINEERED COMPOSITE BUILDING MATERIALS AND METHODS OF MAKING SAME

Inventors: Weiling Peng; Hong Chen; Caidian Luo; and Donald J. Merkley

Legal Name of inventor: Welling Peng

20 <u>/</u> \$.

Signature:

Signature before a Notary is desirable but not required.

STATE OF CALIFORNIA

SS.

JEANETTE S. PACIFIC Commission # 1888296 Notary Public - California San Bernardino County My Gomm. Expires May 31, 2014

COUNTY OF Som Burnarding

On OCADOLY 10 2013 before me, SOAA2 appeared We Was Pun O notary public, personally who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that

he/she/they executed the same in his/her/their authorized capacity(les), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing

paragraph is true and correct.

WITNESS my hand and official seal.

(SEAL)

PATENT

REEL: 032098 FRAME: 0357

Application Data Sheet filed previously or concurrently
Docket No.: HARD1.109USC1 (HARD1.216C1) Page 4 of 6
Title: ENGINEERED COMPOSITE BUILDING MATERIALS AND METHODS OF MAKING SAME
Inventors: Weiling Peng; Hong Chen; Caidian Luo; and Donald J. Merkley
Legal Name of inventor: Hong Chen
IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 10th day of November, 2013.
Signature:
Signature before a Notary is desirable but not required.
STATE OF CALIFORNIA
COUNTY OF
On, before me,, notary public, personally appeared who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.
WITNESS my hand and official seal.
[SEAL]
factors and

Application Data Sheet filed previously or concurrently

Docket No.: HARD1.109USC1 (HARD1.216C1)

Page 5 of 6

Title: ENGINEERED COMPOSITE BUILDING MATERIALS AND METHODS OF MAKING SAME

Inventors: Weiling Peng; Hong Chen; Caidian Luo; and Donald J. Merkley

Legal Name of Inventor: Caidian Luo IN TESTIMONY WHEREOF, I hereunto set my hand and seal this // day of October 20 Signature:
Signature before a Notary is desirable but not required.
STATE OF CALIFORNIA ss.
COUNTY OF San Bernarding
On (X) OCH (6 /0/3), before me, OCH (5. POCH). notary public, personally appeared Caldian Lub who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(iss), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.
WITNESS my hand and official seal.
SEAL] Notary Signature

JEANETTE S. PACIFIC
Commission # 1880296
Notary Public - California
San Bernardino County
My Comm. Expires May 31, 2014

Application Data Sheet filed previously or concurrently
Docket No.: HARD1.109USC1 (HARD1.216C1) Page 6 of 6
Title: ENGINEERED COMPOSITE BUILDING MATERIALS AND METHODS OF MAKING SAME
Inventors: Weiling Peng; Hong Chen; Caidian Luo; and Donald J. Merkley
Legal Name of inventor: Donald J. Merkley
IN TESTIMONY WHEREOF, I hereunto set my hand and seal this <u>2</u> / day of <u>OC70601</u> . 2012. Signature: Whereunto set my hand and seal this <u>2</u> / day of <u>OC70601</u> .
Signature pefore a Notary is desirable but not required.
STATE OF CALIFORNIA
COUNTY OF ss.
On, before me, notary public, personally appeared who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

Notary Signature

15812803

[SEAL]

WITNESS my hand and official seal.

PATENT REEL: 032098 FRAME: 0360

RECORDED: 01/30/2014