

<b>PATENT ASSIGNMENT COVER SHEET</b>
--------------------------------------

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4446779

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
LUKE MICHAEL HAVERHALS	05/11/2017
AARON KENNETH AMSTUTZ	05/11/2017
JONGLAK CHOI	05/12/2017
XILING TANG	05/12/2017
MICHAEL MOLTER	05/12/2017
SPENCER JACOB NULL	05/10/2017

**RECEIVING PARTY DATA**

<b>Name:</b>	NATURAL FIBER WELDING, INC.
<b>Street Address:</b>	801 W. MAIN ST.
<b>Internal Address:</b>	LAB B206
<b>City:</b>	PEORIA
<b>State/Country:</b>	ILLINOIS
<b>Postal Code:</b>	61601

**PROPERTY NUMBERS Total: 2**

Property Type	Number
<b>Application Number:</b>	15586158
<b>PCT Number:</b>	US1730926

**CORRESPONDENCE DATA**

**Fax Number:** (563)823-4637

*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:** 563-441-0207

**Email:** amy@hamiltoniplaw.com

**Correspondent Name:** HAMILTON IP LAW, PC

**Address Line 1:** 201 W. 2ND STREET

**Address Line 2:** SUITE 400

**Address Line 4:** DAVENPORT, IOWA 52801

<b>ATTORNEY DOCKET NUMBER:</b>	NFW-P1001-I2_P1002-PCT
<b>NAME OF SUBMITTER:</b>	JAY R HAMILTON
<b>SIGNATURE:</b>	/jayrhamilton50644/

PATENT

<b>DATE SIGNED:</b>	06/06/2017
<b>Total Attachments: 3</b> source=Executed_Assignment_P1001I2_P1002PCT#page1.tif source=Executed_Assignment_P1001I2_P1002PCT#page2.tif source=Executed_Assignment_P1001I2_P1002PCT#page3.tif	

## INVENTION ASSIGNMENT

### Inventor/Assignor Information:

1. Luke Michael Haverhals, 224 E Oak Park Dr, Peoria, IL 61614, United States
2. Aaron Kenneth Amstutz, 1812 W Moss Ave, Peoria, IL 61606, United States
3. Jonglak Choi, 1500 W Blue Sage Dr, Apt 1101, Peoria, IL 61615, United States
4. Xiling Tang, 10505 N Schopp Ln, Peoria, IL 61615, United States
5. Michael Molter, 5828 N Lindenwood Dr, Apt 2309, Peoria, IL 61615, United States
6. Spencer Jacob Null, 1301 W Moss Ave, Peoria, IL 61606, United States

### Company/Assignee Information:

**Natural Fiber Welding, Inc.**, a corporation organized under the laws of the State of Illinois and having its principal office at **801 W. MAIN ST., LAB B206, Peoria, IL 61601, United States**

WHEREAS, the undersigned INVENTORS have invented a **Methods, processes, and apparatuses for producing dyed and welded substrates** as set forth in the attached Exhibit A, for which the undersigned has made patent applications to the U.S. Patent and Trademark Office of which the undersigned is now the owner of the entire right, title and interest.


NOW, TO ALL WHOM IT MAY CONCERN: Be it known that, pursuant to agreement between the undersigned and **Natural Fiber Welding, Inc.**, hereinafter referred to as the Assignee, and for other good and valuable considerations, receipt of which are acknowledged hereby, the undersigned has sold, assigned, transferred and set over, and does hereby sell, assign transfer and set over, unto the Assignee, all the right, title and interest which the undersigned has or may have in and to the said invention and application, including the right to file foreign utility, model or design patent applications for said invention in the name of the Assignee, and any right of priority, and in and to any and all Letters Patent of the United States and of foreign countries that may be granted for said invention, and any reissue or extension thereof; the same to be held and enjoyed by the Assignee, its successors or assignees, as fully and entirely as the same would have been held and enjoyed by the undersigned had this assignment and sale or transfer not been made.

And the undersigned does hereby authorize and request the Commissioner of Patents and Trademarks to issue the said Letters Patent, when granted, to the Assignee.

And for the above-named considerations, the undersigned hereby covenants and agrees that he/she will, at the request of the Assignee, its successors or assigns, execute any and all foreign, divisional, substitute, and continuation applications for said invention and any application for the reissue or extension of any Letters Patent that may be granted upon said application, or for the improvements described therein, that the Assignee, its successors or assigns, may deem necessary or expedient; and do all other and further acts that may be or become necessary to obtain said Letters Patent and any reissue or extension of the same.

IN WITNESS WHEREOF, the undersigned has hereunto set his hands and seals on the date indicated below.

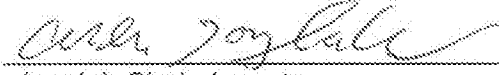
Date 5/11/2017

  
\_\_\_\_\_  
Luke Michael Haverhals, Inventor

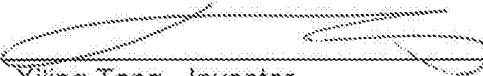
Date 5/11/2017

AARON AMSTUTZ  
\_\_\_\_\_  
Aaron Kenneth Amstutz, Inventor

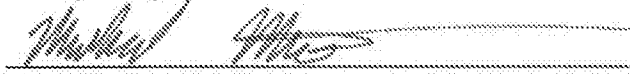
Date 5/12/2017

  
\_\_\_\_\_  
Jonglak Choi, Inventor

Date 5/12/2017

  
\_\_\_\_\_  
Xiling Tang, Inventor

Date 12 May 2017

  
\_\_\_\_\_  
Michael Molter, Inventor

Date 5/10/17

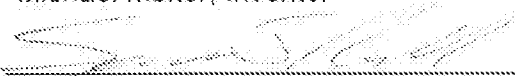
  
\_\_\_\_\_  
Spencer Jacob Null, Inventor

EXHIBIT A

PATENT APPLICATIONS ASSIGNED TO Natural Fiber Welding, Inc.

DOCKET NUMBER	TITLE	APPLICATION NUMBER	DATE FILED
NFW-P1001-I2	Methods, processes, and apparatuses for producing dyed and welded substrates	15/586,158	5/3/2017
NFW-P1002-PCT	Methods, processes, and apparatuses for producing dyed and welded substrates	PCT/US17/30926	5/3/2017