

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4361033

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
DAVID J. BRANSCOMB	04/05/2017
DAVID G. BEALE	06/09/2016
AUSTIN R. GURLEY	01/19/2017
ROYALL M. BROUGHTON	02/03/2017
RECEIVING PARTY DATA	
Name:	AUBURN UNIVERSITY
Street Address:	570 DEVALL DRIVE, SUITE 102
City:	AUBURN
State/Country:	ALABAMA
Postal Code:	36832
PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	62148831
Application Number:	15130947
CORRESPONDENCE DATA	
Fax Number:	(336)274-6590
<i>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.</i>	
Phone:	336-271-5229
Email:	bhurt@tuggleduggins.com
Correspondent Name:	BLAKE P. HURT
Address Line 1:	100 N. GREENE STREET, SUITE 600
Address Line 4:	GREENSBORO, NORTH CAROLINA 27401
ATTORNEY DOCKET NUMBER:	904546-35
NAME OF SUBMITTER:	BLAKE P. HURT
SIGNATURE:	/blakehurt/
DATE SIGNED:	04/10/2017
Total Attachments: 4	
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PATENT

REEL: 041942 FRAME: 0385

ASSIGNMENT

WHEREAS, I, David J. Branscomb, residing at 363 Brookfield Drive, Statesville, North Carolina 28625, a citizen of the United States, hereinafter referred to as "ASSIGNOR(s)", has invented certain new and useful improvements as described and set forth in "AU Invention No. 2015-037" entitled "Composite Braided Open Structure Without Inter-yarn Bonding, and Structures Made Therefrom", and Provisional Application No. 62/148,831 entitled "Composite Braided Open Structure Without Inter-yarn Bonding, and Structures Made Therefrom", and;

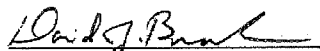
WHEREAS, Auburn University, having a business at 570 Devall Drive, Suite 102, Auburn, Alabama 36832, hereinafter referred to as "ASSIGNEE(s)", is desirous of acquiring the entire right, title and interest in said invention(s) and provisional application(s) and in any and all U.S. and foreign patent application(s) and in any U.S. and foreign patent(s) which may be granted on the same;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it know that, for good and valuable consideration, receipt of which is hereby acknowledged, ASSIGNOR(s) have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said ASSIGNEE(s) and ASSIGNEE(s)' successors and assigns, all right, title and interest in and to said invention(s) and provisional application(s) and any U.S. and foreign application(s) and any U.S. and foreign patent(s) and any copyright applications and or copyright registrations and any trademark applications and or any trademark registrations which may hereafter be granted on the same in the United States and all countries throughout the world, including and divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, prolongations or extensions thereof, said interest to be held and enjoyed by said ASSIGNEE(s) as fully and exclusively as it would have been held and enjoyed by said ASSIGNOR(s) had this assignment and transfer not been made, to the full end and term of any and all U.S. and foreign patents that may issue hereafter.

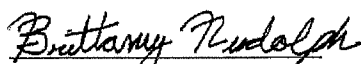
ASSIGNOR(s) authorizes ASSIGNEE(s) to make application for such protection in its own name and maintain such protection in any and all countries, and to invoke and claim for any application for patent or other form of protection for said invention(s), without further authorization from ASSIGNOR(s), any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

ASSIGNOR(s) agrees that, when requested, ASSIGNOR(s) shall, without charge to ASSIGNEE(s) but at ASSIGNEE(s)' expense, sign all papers, take all rightful oaths, and do all acts which ASSIGNEE(s) believes to be necessary, desirable, or convenient in connection with the patent applications, patents or other forms of protection of the above-referenced invention, and for the defense and protection thereof if challenged in a court of law.

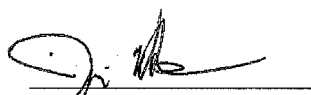
IN TESTIMONY WHEREOF, ASSIGNOR(s) has hereunto signed his/her name to this assignment on the date indicated below.


David J. Branscomb

4/5/17
Date


Witness 1 (Signature)

Brittany Rudolph
Witness 1 (Printed Name)


Witness 2 (Signature)

Jim Kontos
Witness 2 (Printed Name)

ASSIGNMENT

WHEREAS, I, David G. Beale, residing at 2249 Springhill Drive, Auburn, AL 36830, a citizen of the United States, hereinafter referred to as "ASSIGNOR(s)", has invented certain new and useful improvements as described and set forth in "AU Invention No. 2015-037" entitled "Composite Braided Open Structure Without Inter-yarn Bonding, and Structures Made Therefrom", and Provisional Application No. 62/148,831 entitled "Composite Braided Open Structure Without Inter-yarn Bonding, and Structures Made Therefrom", and;

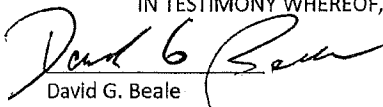
WHEREAS, Auburn University, having a business at 570 Devall Drive, Suite 102, Auburn, Alabama 36832, hereinafter referred to as "ASSIGNEE(s)", is desirous of acquiring the entire right, title and interest in said invention(s) and provisional application(s) and in any and all U.S. and foreign patent application(s) and in any U.S. and foreign patent(s) which may be granted on the same;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it know that, for good and valuable consideration, receipt of which is hereby acknowledged, ASSIGNOR(s) have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said ASSIGNEE(s) and ASSIGNEE(s)' successors and assigns, all right, title and interest in and to said invention(s) and provisional application(s) and any U.S. and foreign application(s) and any U.S. and foreign patent(s) and any copyright applications and or copyright registrations and any trademark applications and or any trademark registrations which may hereafter be granted on the same in the United States and all countries throughout the world, including and divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, prolongations or extensions thereof, said interest to be held and enjoyed by said ASSIGNEE(s) as fully and exclusively as it would have been held and enjoyed by said ASSIGNOR(s) had this assignment and transfer not been made, to the full end and term of any and all U.S. and foreign patents that may issue hereafter.

ASSIGNOR(s) authorizes ASSIGNEE(s) to make application for such protection in its own name and maintain such protection in any and all countries, and to invoke and claim for any application for patent or other form of protection for said invention(s), without further authorization from ASSIGNOR(s), any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

ASSIGNOR(s) agrees that, when requested, ASSIGNOR(s) shall, without charge to ASSIGNEE(s) but at ASSIGNEE(s)' expense, sign all papers, take all rightful oaths, and do all acts which ASSIGNEE(s) believes to be necessary, desirable, or convenient in connection with the patent applications, patents or other forms of protection of the above-referenced invention, and for the defense and protection thereof if challenged in a court of law.

IN TESTIMONY WHEREOF, ASSIGNOR(s) has hereunto signed his/her name to this assignment on the date indicated below.


David G. Beale

June 9, 2016
Date

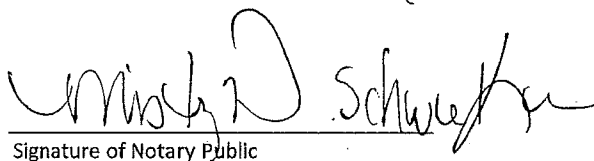
STATE OF ALABAMA
COUNTY OF LEE

On 6/9/16 before me, Misty W. Schwleker, a notary public, personally appeared David Beale, 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 Alabama that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

(SEAL)


Signature of Notary Public

Misty W. Schwleker
NOTARY PUBLIC STATE OF ALABAMA AT LARGE
MY COMMISSION EXPIRES: Oct. 5, 2016

ASSIGNMENT

WHEREAS, I, Austin R. Gurley, residing at 6 Covenant Cove, Leeds, Alabama 36094, a citizen of the United States, hereinafter referred to as "ASSIGNOR(s)", has invented certain new and useful improvements as described and set forth in "AU Invention No. 2015-037" entitled "Composite Braided Open Structure Without Inter-yarn Bonding, and Structures Made Therefrom", and Provisional Application No. 62/148,831 entitled "Composite Braided Open Structure Without Inter-yarn Bonding, and Structures Made Therefrom", and;

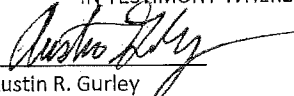
WHEREAS, Auburn University, having a business at 570 Devall Drive, Suite 102, Auburn, Alabama 36832, hereinafter referred to as "ASSIGNEE(s)", is desirous of acquiring the entire right, title and interest in said invention(s) and provisional application(s) and in any and all U.S. and foreign patent application(s) and in any U.S. and foreign patent(s) which may be granted on the same;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it know that, for good and valuable consideration, receipt of which is hereby acknowledged, ASSIGNOR(s) have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said ASSIGNEE(s) and ASSIGNEE(s)' successors and assigns, all right, title and interest in and to said invention(s) and provisional application(s) and any U.S. and foreign application(s) and any U.S. and foreign patent(s) and any copyright applications and or copyright registrations and any trademark applications and or any trademark registrations which may hereafter be granted on the same in the United States and all countries throughout the world, including and divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, prolongations or extensions thereof, said interest to be held and enjoyed by said ASSIGNEE(s) as fully and exclusively as it would have been held and enjoyed by said ASSIGNOR(s) had this assignment and transfer not been made, to the full end and term of any and all U.S. and foreign patents that may issue hereafter.

ASSIGNOR(s) authorizes ASSIGNEE(s) to make application for such protection in its own name and maintain such protection in any and all countries, and to invoke and claim for any application for patent or other form of protection for said invention(s), without further authorization from ASSIGNOR(s), any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

ASSIGNOR(s) agrees that, when requested, ASSIGNOR(s) shall, without charge to ASSIGNEE(s) but at ASSIGNEE(s)' expense, sign all papers, take all rightful oaths, and do all acts which ASSIGNEE(s) believes to be necessary, desirable, or convenient in connection with the patent applications, patents or other forms of protection of the above-referenced invention, and for the defense and protection thereof if challenged in a court of law.

IN TESTIMONY WHEREOF, ASSIGNOR(s) has hereunto signed his/her name to this assignment on the date indicated below.


Austin R. Gurley

1-19-17
Date

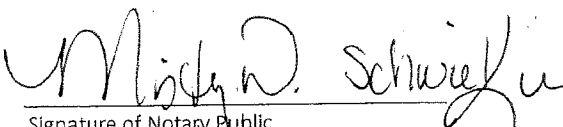
STATE OF ALABAMA
COUNTY OF LEE

On 1/19/2017 before me, Misty W. Schwieker, a 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 Alabama that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

(SEAL)


Signature of Notary Public

NOTARY PUBLIC STATE OF ALABAMA AT LARGE
Misty W. Schwieker
MY COMMISSION EXPIRES: AUG 26, 2020

ASSIGNMENT

WHEREAS, I, Royall M. Broughton, residing at 2281 Columbia Drive, AL 36830, a citizen of the United States, hereinafter referred to as "ASSIGNOR(s)", has invented certain new and useful improvements as described and set forth in "AU Invention No. 2015-037" entitled "Composite Braided Open Structure Without Inter-yarn Bonding, and Structures Made Therefrom", and Provisional Application No. 62/148,831 entitled "Composite Braided Open Structure Without Inter-yarn Bonding, and Structures Made Therefrom", and;

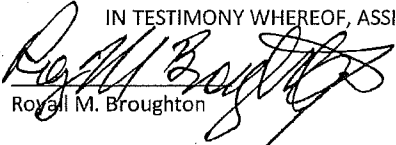
WHEREAS, Auburn University, having a business at 570 Devall Drive, Suite 102, Auburn, Alabama 36832, hereinafter referred to as "ASSIGNEE(s)", is desirous of acquiring the entire right, title and interest in said invention(s) and provisional application(s) and in any and all U.S. and foreign patent application(s) and in any U.S. and foreign patent(s) which may be granted on the same;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it know that, for good and valuable consideration, receipt of which is hereby acknowledged, ASSIGNOR(s) have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said ASSIGNEE(s) and ASSIGNEE(s)' successors and assigns, all right, title and interest in and to said invention(s) and provisional application(s) and any U.S. and foreign application(s) and any U.S. and foreign patent(s) and any copyright applications and or copyright registrations and any trademark applications and or any trademark registrations which may hereafter be granted on the same in the United States and all countries throughout the world, including and divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, prolongations or extensions thereof, said interest to be held and enjoyed by said ASSIGNEE(s) as fully and exclusively as it would have been held and enjoyed by said ASSIGNOR(s) had this assignment and transfer not been made, to the full end and term of any and all U.S. and foreign patents that may issue hereafter.

ASSIGNOR(s) authorizes ASSIGNEE(s) to make application for such protection in its own name and maintain such protection in any and all countries, and to invoke and claim for any application for patent or other form of protection for said invention(s), without further authorization from ASSIGNOR(s), any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

ASSIGNOR(s) agrees that, when requested, ASSIGNOR(s) shall, without charge to ASSIGNEE(s) but at ASSIGNEE(s)' expense, sign all papers, take all rightful oaths, and do all acts which ASSIGNEE(s) believes to be necessary, desirable, or convenient in connection with the patent applications, patents or other forms of protection of the above-referenced invention, and for the defense and protection thereof if challenged in a court of law.

IN TESTIMONY WHEREOF, ASSIGNOR(s) has hereunto signed his/her name to this assignment on the date indicated below.


Royall M. Broughton

Feb 2, 2017
Date

STATE OF ALABAMA
COUNTY OF LEE

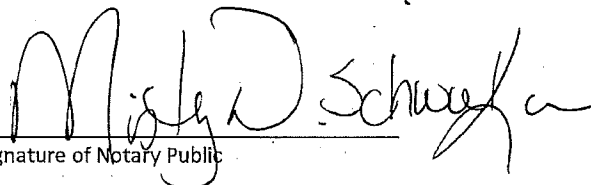
On 2/3/17 before me, Misty W. Schwieker a notary public, personally appeared

Royall M. Broughton 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 Alabama that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

(SEAL)


Signature of Notary Public

Misty W. Schwieker
NOTARY PUBLIC STATE OF ALABAMA AT LARGE
MY COMMISSION EXPIRES: AUG 26, 2020