

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5198667

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
STEPHEN WOODROW FOSS	11/28/2011
REYAD ILAYAN SAWAFTA	11/23/2011
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	PURTHREAD TECHNOLOGIES, INC.
<b>Street Address:</b>	1913 EVANS ROAD
<b>City:</b>	CARY
<b>State/Country:</b>	NORTH CAROLINA
<b>Postal Code:</b>	27513
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16135628
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(877)248-5100
<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>	
<b>Phone:</b>	(877) 248-5100
<b>Email:</b>	uspto@ti-law.com
<b>Correspondent Name:</b>	TILLMAN WRIGHT, PLLC
<b>Address Line 1:</b>	PO BOX 49309
<b>Address Line 4:</b>	CHARLOTTE, NORTH CAROLINA 28277
<b>ATTORNEY DOCKET NUMBER:</b>	17119.325
<b>NAME OF SUBMITTER:</b>	DAVID R. HIGGINS
<b>SIGNATURE:</b>	/David R. Higgins/
<b>DATE SIGNED:</b>	10/22/2018
<b>Total Attachments: 6</b>	
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## ASSIGNMENT

Stephen Woodrow FOSS, residing in Naples, Florida, and Reyad Ilayan SAWAFTA, residing in Greensboro, North Carolina (each referred to as "Assignor") have made an invention (the "Invention") set forth in an application for patent of the United States, entitled ENHANCING AND PRESERVING ANTI-MICROBIAL PERFORMANCE IN FIBERS WITH PIGMENTS, and which is a:

- (1)  provisional application
- (a)  to be filed herewith; or
- (b)  bearing Application No. and filed on; or
- (2)  non-provisional application
- (a)  to be filed herewith; or
- (b)  bearing Application No. 13/276,069, and filed on October 18, 2011.

**WHEREAS**, PURTHREAD TECHNOLOGIES, INC., a corporation duly organized under and pursuant to the laws of Delaware, and having its principal place of business at 30047 Hulfish Street, Princeton, NJ 08542 (the "Assignee"), is desirous of acquiring the entire right, title, and interest in: the Invention; the application for patent identified in paragraph (1) or (2); the right to file applications for patent of the United States or other countries on the Invention; any application for patent of the United States or other countries claiming priority to these application; any provisional or other right to recover damages, including royalties, for prior infringements of these applications; and any patent of the United States or other countries that may be granted therefor or thereon.

**NOW, THEREFORE**, for good and sufficient consideration, the receipt of which is hereby acknowledged, and to the extent that the Assignor has not done so already via a prior agreement with the Assignee, or if the Assignor has already done so via a prior agreement with the Assignee then in confirmation of any obligation to do so in said prior agreement, the Assignor has sold, assigned, transferred, and set over, and by these presents does sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns, the Assignor's entire right, title, and interest in:

- (a) the Invention(s);
- (b) the application for patent identified in paragraph (1) or (2);
- (c) the right to file applications for patent of the United States or other countries on the Invention(s), including all rights under the Paris Convention for the Protection of Industrial Property and under the Patent Cooperation Treaty;
- (d) any application(s) for patent of the United States or other countries claiming the Invention(s);

(e) any application(s) for patent of the United States or other countries claiming priority to the application for patent identified in paragraph (1) or (2) or any application(s) for patent claiming the Invention(s), including any division(s), continuation(s), and continuation(s)-in-part; and

(f) any provisional or other right to recover damages, including royalties, for prior infringements of any application for patent identified in the preceding paragraphs (b)-(e); and

(g) any patent(s) of the United States or other countries that may be granted for or on any application for patent identified in the preceding paragraphs (b) – (e), including any reissue(s) and extension(s) of said patent(s).

The above-granted rights, titles, and interests are to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made.

The Assignor hereby represents to the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, or if applicable, at such time said prior agreement was executed, the Assignor is a lawful owner of an undivided interest in the entire right, title, and interest in and to the Invention(s), that the Invention(s) are unencumbered, except, if applicable, by obligation to assign in accordance with said prior agreement, and that the Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth herein.

The Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that the Assignor will sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done in connection with any and all proceedings for the procurement, maintenance, enforcement and defense of the Invention(s), said applications, and said patents, including interference proceedings, without charge to the Assignor, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns.

The Assignor hereby authorizes and requests the attorneys of COOLEY LLP to insert in the spaces provided above the filing date, the application number, and the attorney docket number of the application identified in paragraph (1) or (2) when known.

The Assignor hereby requests the Commissioner of Patents to issue said patents of the United States to the Assignee for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Date: 11/28/11

By: [Signature]  
Stephen Woodrow FOSS

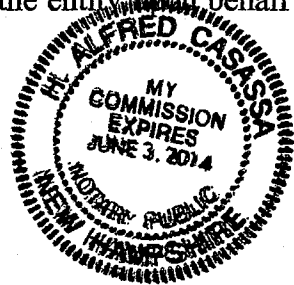
State of New Hampshire )  
 County of Rockingham ) ss.  
 On Nov. 28<sup>th</sup>, 2011, before me, H. Alfred Casassa  
Stephen Woodrow Foss  
 Notary Public, personally appeared Stephen Woodrow Foss,  
 personally known to me or proved to me on the basis of satisfactory evidence, to be the  
 person(s) 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.

WITNESS my hand and official seal.

[Signature]  
 Signature of Notary Public

Place Notary Seal Above

My Commission Expires: June 3<sup>rd</sup>, 2014



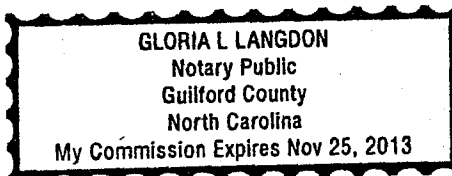
Date: 11-23-2011

By: *R. Sanyal*  
Reyad Ilayan SAWAFTA

State of North Carolina  
County of Guilford )<sup>ss.</sup>

On 11-23-2011, before me, Gloria L. Langdon  
Notary Public, personally appeared Reyad Ilayan Sawafte  
personally known to me or 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.

WITNESS my hand and official seal.



*Gloria L. Langdon*  
Signature of Notary Public

Place Notary Seal Above

My Commission Expires: 11-25-2013

C2014 078 03598

APPLICATION FOR CERTIFICATE OF AUTHORITY

Pursuant to §55-15-03 of the General Statutes of North Carolina, the undersigned corporation hereby applies for a Certificate of Authority to transact business in the State of North Carolina, and for that purpose submits the following:

1. The name of the corporation is PurThread Technologies, Inc.
2. The state or country under whose laws the corporation was organized is Delaware.
3. The date of incorporation was November 12, 2009; its period of duration is perpetual.
4. The corporation has a principal office. The street address and county, which is also the mailing address, of the principal office of the corporation is 1913 Evans Road, Cary, Wake County, North Carolina 27513.
5. The street address and county, which is also the mailing address, of the registered office in the State of North Carolina is 410 North Boylan Avenue, Raleigh, Wake County, North Carolina 27603.
6. The name of the registered agent in the State of North Carolina is James M. O'Connell.
7. The names, titles, and usual business addresses of the current officers of the corporation are:

<u>Name</u>	<u>Title</u>	<u>Business Address</u>
Lisa Grimes	Chief Executive Officer	1913 Evans Road, Cary, NC 27513
Timothy Krist	Chief Financial Officer	1913 Evans Road, Cary, NC 27513
Alan Boyd	Chief Operating Officer	1913 Evans Road, Cary, NC 27513

8. Attached is a Certificate of Existence (or document of similar import) duly authenticated by the Secretary of State or other official having custody of corporate records in the state or country of incorporation.
9. This application will be effective upon filing.

This is the 19th day of March, 2014.

PURTHREAD TECHNOLOGIES, INC.

By: \_\_\_\_\_

  
Timothy Krist, Chief Financial Officer

# Delaware

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*The First State*

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY "PURTHREAD TECHNOLOGIES, INC." IS DULY INCORPORATED UNDER THE LAWS OF THE STATE OF DELAWARE AND IS IN GOOD STANDING AND HAS A LEGAL CORPORATE EXISTENCE SO FAR AS THE RECORDS OF THIS OFFICE SHOW, AS OF THE NINETEENTH DAY OF MARCH, A.D. 2014.

AND I DO HEREBY FURTHER CERTIFY THAT THE ANNUAL REPORTS HAVE BEEN FILED TO DATE.

AND I DO HEREBY FURTHER CERTIFY THAT THE FRANCHISE TAXES HAVE BEEN PAID TO DATE.

AND I DO HEREBY FURTHER CERTIFY THAT THE SAID "PURTHREAD TECHNOLOGIES, INC." WAS INCORPORATED ON THE TWELFTH DAY OF NOVEMBER, A.D. 2009.

4752166 8300

140354079

You may verify this certificate online  
at [corp.delaware.gov/authver.shtml](http://corp.delaware.gov/authver.shtml)



  
Jeffrey W. Bullock, Secretary of State  
AUTHENTICATION: 1221826

DATE: 03-19-14

RECORDED: 10/22/2018

PATENT  
REEL: 047258 FRAME: 0403