## 505017717 07/24/2018

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

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### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16026273

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DATE SIGNED:	07/24/2018	

**Total Attachments: 2** 

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> PATENT REEL: 046443 FRAME: 0771

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## ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

THUERINGISCHES INSTITUT FUER TEXTIL- UND KUNSTSTOFF-FORSCHUNG E.V.

Breitscheidstrasse 97, D-07407 Rudolstadt,

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to this invention relating to

HIGHLY FUNCTIONAL SPUNBONDED FABRIC MADE FROM PARTICLE-CONTAINING FIBRES AND METHOD FOR PRODUCING SAME

as set forth in this United States Patent Application

Executed concurrently herewith the executed on April 27, 2012 and July 3, 2018 to Serial No. 13/504, 567

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives or assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorises and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he/she has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he/she has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees he/she will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him/her relating to said invention or patent application and that he/she will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors or assigns, or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

PATENT REEL: 046443 FRAME: 0772

Each of the undersigned hereby grants the firm of ProPat LLC the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

Signed this 18<sup>th</sup> day of April 2012

### NAMES AND SIGNATURES OF INVENTORS:

(BERND RIEDEL)

NAMES AND SIGNATURES OF WITNESSES:

192e Mae (Ulrike ISHO)

**PATENT** REEL: 046443 FRAME: 0773

**RECORDED: 07/24/2018**