

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5111897

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	NATALIE MARGARETHA RUDOLPH	08/21/2018
	DANNING ZHANG	08/21/2018
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	AREVO, INC.	
<b>Street Address:</b>	2090 DUANE AVE.	
<b>City:</b>	SANTA CLARA	
<b>State/Country:</b>	CALIFORNIA	
<b>Postal Code:</b>	95054	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	16113462
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>		
<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>Email:</b>	pto@bciplaw.com	
<b>Correspondent Name:</b>	BOTOS CHURCHILL IP LAW LLP	
<b>Address Line 1:</b>	430 MOUNTAIN AVENUE	
<b>Address Line 2:</b>	SUITE 401	
<b>Address Line 4:</b>	NEW PROVIDENCE, NEW JERSEY 07974	
<b>ATTORNEY DOCKET NUMBER:</b>	AREVO 3.0F-013 (AREVO.16)	
<b>NAME OF SUBMITTER:</b>	AVA MARIE FELA	
<b>SIGNATURE:</b>	/Ava Marie Fela/	
<b>DATE SIGNED:</b>	08/27/2018	
<b>Total Attachments: 2</b>		
source=Assignment_1#page1.tif		
source=Assignment_1#page2.tif		

IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE

**Assignment and Agreement**

For value received, I hereby sell, assign and transfer to Arevo, Inc. (hereinafter "the Assignee"), having an office at 2090 Duane Ave., Santa Clara, California, United States, and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to all of the inventions disclosed and claimed in:

- 1) United States Patent Application Serial No. 16/113,462 entitled  
"TAILORED FIBER PLACEMENT UTILIZING FUNCTIONAL THREAD" and having  
attorney docket 3019-184us1,

and all the rights and privileges in said applications and under any and all Letters Patent that may be granted in the United States for said inventions. I also concurrently hereby sell, assign and transfer to the Assignee the entire right, title and interest in and to any and all continuations, divisionals, continuations-in-part, and substitutes for aforesaid applications.

I also concurrently hereby sell, assign and transfer to the Assignee the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

If the application serial number of this application is not known at the time of the execution of this Assignment and Agreement, I authorize the duly-appointed attorneys in this application plus Jason Paul DeMont, Reg. No. 35,793, Kenneth Ottesen, Reg. No. 54,353, Vincent McGeary, Reg. No. 42,862, Richard J. Botos, Reg. No. 32,016, and Robert P. Marley, Reg. No. 32,914 to insert the application serial number in the above paragraph when known.

I authorize the Assignee to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from us, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document, which may be required in any country in proof of the right of the Assignee to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

I hereby acknowledge that in the event of a conflict of interest between the Assignee and me, the law firms of McGeary Cukor LLC and Botos Churchill IP Law LLP are the attorneys for the Assignee and are not my attorneys.

I request that any and all patents for said inventions be issued to the Assignee in the United States and in all countries foreign to the United States, or to such nominees as the Assignee may designate.

I agree that, when requested, I shall, without charge to the Assignee but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

Full Name of Inventor: Natalie Margaretha Rudolph

Inventor's Address: 406 Riverside Court, #402, Santa Clara, California, United States of America

Inventor's Signature and Date Natalie Rudolph 08/21/2018

Full Name of Inventor: Danning Zhang

Inventor's Address: 983 Ponderosa Avenue, Apt. C., Sunnyvale, California, United States of America

Inventor's Signature and Date Danning Zhang 08/21/2018

---

Assignee hereby acknowledges receipt of the entire right, title and interest in and to the patents and patent applications identified herein.

Full Name of Assignee's Representative: **James R. Miller**, Chief Executive Officer, Arevo, Inc.

Signature and Date \_\_\_\_\_  
4832-9047-8656, v. 1