

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4260935

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	SECURITY INTEREST
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
TELA BIO, INC.	01/18/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ORBIMED PRIVATE INVESTMENTS IV, LP
<b>Street Address:</b>	C/O ORBIMED ADVISORS LLC
<b>Internal Address:</b>	601 LEXINGTON AVENUE 54TH FLOOR
<b>City:</b>	NEW YORK
<b>State/Country:</b>	NEW YORK
<b>Postal Code:</b>	10022-4629
<b>PROPERTY NUMBERS Total: 3</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	61948518
<b>Application Number:</b>	62186437
<b>Application Number:</b>	15214229
<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>	nfolkman@smrh.com
<b>Correspondent Name:</b>	SHEPPARD MULLIN RICHTER & HAMPTON LLP
<b>Address Line 1:</b>	379 LYTTON AVENUE
<b>Address Line 4:</b>	PALO ALTO, CALIFORNIA 94301
<b>ATTORNEY DOCKET NUMBER:</b>	53XC-248338
<b>NAME OF SUBMITTER:</b>	KEVIN ROGAN
<b>SIGNATURE:</b>	/Kevin Rogan/
<b>DATE SIGNED:</b>	02/06/2017
<b>Total Attachments: 4</b>	
source=06. Patent Security Agreement (2)#page1.tif	
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source=06. Patent Security Agreement (2)#page3.tif	
source=06. Patent Security Agreement (2)#page4.tif	

## PATENT SECURITY AGREEMENT

This PATENT SECURITY AGREEMENT (“Agreement”) is made and entered into as of the 18<sup>th</sup> day of January, 2017, between TELA Bio, Inc., a Delaware corporation (“*Patent Owner*”) and OrbiMed Private Investments IV, LP, a Delaware limited partnership (“*Collateral Agent*”), as collateral agent for the secured parties under the IP Security Agreement referred to below (the “*Secured Parties*”).

Whereas Patent Owner, the Secured Parties and the Collateral Agent entered into an Intellectual Property Security Agreement dated as of January 18, 2017 (the “*IP Security Agreement*”), which relates to, at least in part, the intellectual property of Patent Owner, and wherein all of the terms and conditions of the aforesaid Security Agreement are hereby incorporated herein by reference;

Whereas the Collateral Agent acts on behalf of the Secured Parties; and

Whereas the Secured Parties require a separate recordable document memorializing their respective security interests in and to all of the patents, and any applications for patents, listed in Schedule A hereto.

NOW THEREFORE, in consideration of the premises and mutual covenants of the parties hereto, and intending to be legally bound hereby, it is hereby agreed as follows:

1. Assignment of Security Interest in Patents. To secure the complete and timely payment and satisfaction of all of its obligations to the Secured Parties, the Patent Owner hereby grants, assigns and conveys to the Collateral Agent, on behalf of the Secured Parties, a security interest in and to all of Patent Owner’s Patents (as such term is defined in the IP Security Agreement), including, without limitation, those forth on Schedule A hereto (as the same may be amended pursuant hereto from time to time), and including, without limitation, all continuations, divisionals, continuations in part, reissues or reexamines, and all proceeds thereof (such as, by way of example, license royalties and proceeds of infringement suits) and all rights owned by Patent Owner corresponding thereto throughout the world.

2. Future Patents. The Patent Owner authorizes the Collateral Agent to modify this Agreement by amending Schedule A to include any future Patents or applications for Patent whether or not related to the Patents and applications under paragraph 1 hereof.

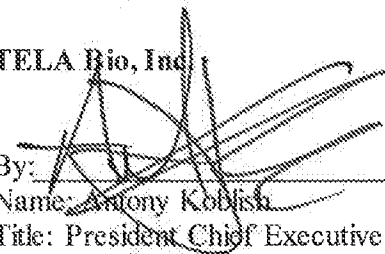
3. Counterparts. This Agreement may be executed in two or more counterparts, each of which shall be deemed an original but all of which together shall constitute the same instrument.

[Signature page follows]

IN WITNESS WHEREOF, the parties hereto have executed this Agreement as of the date first above written.

PATENT OWNER:

TELA Bio, Inc.

By:   
Name: Antony Koblish  
Title: President Chief Executive Officer

COLLATERAL AGENT:

OrbiMed Private Investments IV, LP

By: OrbiMed Capital GP IV LLC,  
its General Partner

By: OrbiMed Advisors LLC,  
its Managing Member

By:

\_\_\_\_\_  
Name:  
Title:

[Signature page to Patent Security Agreement]

PATENT  
REEL: 041181 FRAME: 0802

**IN WITNESS WHEREOF**, the parties hereto have executed this Agreement as of the date first above written.

**PATENT OWNER:**

**TELA Bio, Inc.**

By: \_\_\_\_\_  
Name: Antony Koblish  
Title: President Chief Executive Officer

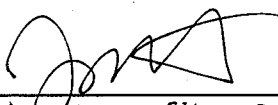
**COLLATERAL AGENT:**

**OrbiMed Private Investments IV, LP**

By: OrbiMed Capital GP IV LLC,  
its General Partner

By: OrbiMed Advisors LLC,  
its Managing Member

By:

  
\_\_\_\_\_  
Name: Jonathan Silverstein  
Title: member

[Signature page to Patent Security Agreement]

**SCHEDULE A**

**PATENT APPLICATIONS**

1. U.S. Patent App. No. 61/948,518, titled "Breast Reconstruction Device", filed 03/05/2014
2. U.S. Patent App. No. 62/186,437, titled "Corner-Lock Stitch Patterns", filed 6/30/2015
3. U.S. Patent App. No. 15/214,229, titled "Surgical Attachment Device", filed 7/19/2016