503846863 05/27/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT3893511

Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JONATHAN A. KLUGE	03/24/2016
FIORENZO G. OMENETTO	04/11/2016
DAVID L. KAPLAN	04/11/2016

RECEIVING PARTY DATA

Name:	TRUSTEES OF TUFTS COLLEGE
Street Address:	BALLOU HALL
City:	MEDFORD
State/Country:	MASSACHUSETTS
Postal Code:	02155

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15068083

CORRESPONDENCE DATA

Fax Number: (617)502-4095

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.

Phone: 617-248-5000

Email: patentdocket@choate.com

CHOATE, HALL & STEWART, LLP **Correspondent Name:** Address Line 1: TWO INTERNATIONAL PLACE

Address Line 4: BOSTON, MASSACHUSETTS 02110

ATTORNEY DOCKET NUMBER:	2002458-0857
NAME OF SUBMITTER:	BRIAN E. REESE, PHD, JD, MBA
SIGNATURE:	/Brian E. Reese/
DATE SIGNED:	05/27/2016

Total Attachments: 7

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> **PATENT** REEL: 038738 FRAME: 0214 503846863

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> PATENT REEL: 038738 FRAME: 0215

Docket Number: 2002458-0857

COMBINED JOINT ASSIGNMENT & DECLARATION

A. ASSIGNMENT

WHEREAS, each of the below-named inventors whose name and residence is set forth in the following Table 1:

Inventor Name	City, State
1. Jonathan A. Kluge	Southborough, Massachusetts
2. Fiorenzo G. Omenetto	Lexington, Massachusetts
3. David L. Kaplan	Concord, Massachusetts

Table 1

hereby declares and agrees, on behalf of himself/herself and all of his/her successors and assigns that each is aware of the patent application(s) entitled:

LOW MOLECULAR WEIGHT SILK COMPOSITIONS AND STABILIZING SILK COMPOSITIONS; and

	prepared for filing in the United States Patent and	Frademark Office; or
	x identified by United States Application Serial No.	15/068,083
filed	in the United States Patent and Trademark Office on;	March 11, 2016 ; and
filed	identified by International Patent Application No. on ; and	
	x and is also aware of the following priority applications	ions:

Serial No.	Filed
14/775,200	September 11, 2015
PCT/US2014/029636	March 14, 2014
61/909,687	November 27, 2013
61/883,732	September 27, 2013
61/830,950	June 4, 2013
61/792,161	March 15, 2013

WHEREAS Trustees of Tufts College (hereinafter "ASSIGNEE"), having a usual place of business at Ballou Hall, Medford, Massachusetts 02155, desires to acquire or confirm an interest therein;

Page 1 of 7

2002458-0857

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NOW, THEREFORE, to all whom it may concern be it known that, in consideration of agreements previously and duly entered into between the parties, and/or for other good and valuable consideration, the receipt of which is hereby acknowledged, each of us has sold assigned, and transferred and/or do hereby sell, assign, and transfer unto said ASSIGNEE, its successors, assigns, and legal representatives, my entire right, title, and interest in and throughout the United States of America, its territories and all foreign countries, in and to any and all inventions described in the patent application, and/or any priority applications noted above. including any right of priority thereto; and hereby confirm that my sale, assignment and transfer is and was effective at least as of the filing date of the patent application and/or priority application. Our sale, assignment and transfer applies to the above-referenced patent application. and to any application that is based in whole or in part on the patent application, including any divisional, continuing, substitute, renewal, reissue, reexamination and other applications, for example that claim priority to the patent application. Also, this sale, assignment and transfer pertains to any and all other rights arising under or pursuant to any and all international agreements, treaties, or laws relating to the protection of industrial property, including all rights of priority under the International Convention for the Protection of Industrial Property, and in and to any such patent(s) as may issue thereon including any and all original and reissued patents which have been or shall be issued in the United States and foreign countries; said inventions. applications, and patent(s) to be held and enjoyed by ASSIGNEE for its own use and for its successors, assigns and legal representatives, to the full end of the term for which said patent(s) may be granted as fully and entirely as the same would have been held by each of us had this sale, assignment and transfer not been made;

AND, each of us hereby acknowledges that this Assignment, being of our entire right, title, and interest in and to the inventions, carries with it the right in ASSIGNEE, by attorneys and agents of ASSIGNEE selection, to apply for and receive any and all patent(s) for said inventions in its own name;

AND, each of us hereby further agrees for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the patent(s) to ASSIGNEE, its successors, assignees, and legal representatives, but at its expense and charges, including the execution of application for patents in foreign countries, the execution of substitution, reissue, divisional or continuation applications, and the giving of testimony, preliminary statements, or other statements in any interference or other proceeding in which the inventions or any applications or patents directed to the inventions may be involved by communicating to the ASSIGNEE all facts we know relating to the inventions and their history, and generally by doing everything possible which ASSIGNEE shall consider desirable for aiding in securing and maintaining proper patent protection for the inventions and for vesting title in the inventions and all applications for patent and all patents on the inventions in ASSIGNEE;

AND, each of us further hereby authorizes ASSIGNEE or its attorneys or agents to insert the correct serial number(s) and/or filing date(s) into this assignment document, if appropriate;

Page 2 of 7

2002458-0857

AND, each of us hereby appoints ASSIGNEE as our common agent for purposes of prosecuting international patent applications and any national patent applications for which such common agency is recognized;

AND, each of us hereby requests the Commissioner for Patents of the United States Patent and Trademark Office to issue any and all patent(s) as shall be granted upon said application or applications based thereon to ASSIGNEE, its successors, assigns, and legal representatives;

AND, each of us covenants with said ASSIGNEE that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by us, and that full right to convey the same as herein expressed is possessed by us.

B. DECLARATION (37 CFR 1.63)

As below named inventors, we hereby declare that:

This declaration is directed to the patent application entitled:

LOW MOLECULAR WEIGHT SILK COMPOSITIONS AND STABILIZING SILK COMPOSITIONS; and

,	
attached hereto or prepared for filing in the United S Office; or	states Patent and Trademark
x identified by United States Application Serial No.	15/068,083
filed in the United States Patent and Trademark Office on	March 11, 2016; or
identified by International Patent Application No.	
The above-identified application was made or authorized	to be made by us.
We believe that we are the original joint inventors application.	of a claimed invention in the
We hereby acknowledge that any willful false statement of substantial both.	
We have reviewed and understand the contents of the a and are aware of the duty to disclose to the United States P information known to be material to patentability as defined in 3	atent and Trademark Office all

Page 4 of 7

2002458-0857

Signature:	John profile	Date:	3/24/16
Jonathan	A. Kluge		\$ 7
Witness Signature:		Date:	3/24/16
Witness Name (printe	D: Allerated La		
Witness Signature:	Y CONCLA	Date:	3/24/16
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Signature: Fiorgraph G. Omenetto	Date:	4/11/2016
Witness Signature:	Dațe:	4/11/2016
Witness Signature: <u>Monica Ricci</u> Witness Name (printed): <u>Monica Ricci</u>	Date: _	4/11/2016

Signature: David L. Kaplan	Date:	411/2016
Witness Signature:	Date:	4111/2016
Witness Signature: <u>Monico Ricci</u> Witness Name (printed): <u>Monico Ricci</u>	Date:	4/11/2016

Page 7 of 7

2002458-0857