

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
LINDSAY WRAY	04/15/2015
RECEIVING PARTY DATA	
Name:	BOLT THREADS, INC.
Street Address:	5858 HORTON STREET, SUITE 400
City:	EMERYVILLE
State/Country:	CALIFORNIA
Postal Code:	94608
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15073514
CORRESPONDENCE DATA	
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<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>	
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ATTORNEY DOCKET NUMBER:	27576-33322 US
NAME OF SUBMITTER:	NICHOLAS HURT, REG. NO. 65204
SIGNATURE:	/Nicholas Hurt/
DATE SIGNED:	10/28/2016
Total Attachments: 2	
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ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the person(s) named below (referred to as "INVENTOR" whether singular or plural) has sold, assigned, and transferred and does hereby sell, assign, and transfer to **Bolt Threads, Inc.**, a Delaware corporation, having a place of business at **5858 Horton Street, Suite 400, Emeryville, California, 94608** ("ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

1. The entire worldwide right, title, and interest in all inventions and improvements ("SUBJECT MATTER") that are disclosed in the following provisional application filed under 35 U.S.C. § 111(b), non-provisional application filed under 35 U.S.C. § 111(a), international application filed according to the Patent Cooperation Treaty (PCT), or U.S. national phase application filed under 35 U.S.C. § 371 ("APPLICATION"):

- Application No. **PCT/US2014/056117**, entitled "**METHOD AND COMPOSITIONS FOR SYNTHESIZING IMPROVED SILK FIBERS,**" filed on **September 17, 2014**, which claims priority from a provisional application, filed on **September 17, 2013**, bearing U.S. Application No. **61/878,858**.

2. The entire worldwide right, title, and interest in and to:
(a) the APPLICATION; (b) all applications claiming priority from the APPLICATION; (c) all provisional, utility, divisional, continuation, substitute, renewal, reissue, and other applications related thereto which have been or may be filed in the United States or elsewhere in the world; (d) all patents (including reissues and re-examinations) which may be granted on the applications set forth in (a), (b), and (c) above; and (e) all right of priority in the APPLICATION and in any underlying provisional or foreign application, together with all rights to recover damages for infringement of provisional rights.

INVENTOR agrees that ASSIGNEE may apply for and receive patents for SUBJECT MATTER in ASSIGNEE's own name.

INVENTOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute all oaths, assignments, powers of attorney, applications, and other papers necessary or desirable to fully secure to ASSIGNEE the rights, titles and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER; and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. INVENTOR further agrees to provide any successor, assign, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

INVENTOR represents that INVENTOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that the INVENTOR has not made and will not hereafter make any assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

Assignment:

Title: METHOD AND COMPOSITIONS FOR SYNTHESIZING IMPROVED SILK FIBERS
Filed: September 17, 2014
Application No.: PCT/US2014/056117

INVENTOR grants the attorney of record the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

Name and Signature

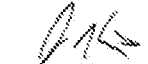
Daniel M. WIDMAIER

Date of Signature
4/16/15

Name and Signature

David N. BRESLAUER

Date of Signature
9/16/15

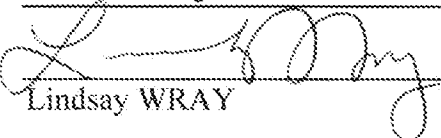
Name and Signature

Josh KITTLESON

Date of Signature
4/15/15

Name and Signature

Brendan TURNER

Date of Signature
4/15/15

Name and Signature

Lindsay WRAY

Date of Signature
4/15/15