

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

EPAS ID: PAT5119612

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	TERMINATION AND RELEASE OF NOTICE OF ATTORNEY'S LIEN

**CONVEYING PARTY DATA**

Name	Execution Date
BROWN RUDNICK LLP	08/30/2018

**RECEIVING PARTY DATA**

<b>Name:</b>	HELICOS BIOSCIENCES CORPORATION
<b>Street Address:</b>	ONE KENDALL SQUARE, BUILDING 700, SUITE B2002
<b>City:</b>	CAMBRIDGE
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	02139

**PROPERTY NUMBERS Total: 30**

Property Type	Number
Application Number:	09941882
Application Number:	10229997
Application Number:	10709436
Application Number:	10852482
Application Number:	10990242
Application Number:	11054243
Application Number:	11067102
Application Number:	11167046
Application Number:	11292528
Application Number:	11370605
Application Number:	11588108
Application Number:	11865653
Application Number:	11928799
Application Number:	11929141
Application Number:	11997382
Application Number:	12025033
Application Number:	12371310
Application Number:	12400593
Application Number:	12563677
Application Number:	12969872

PATENT

Property Type	Number
Application Number:	13008130
Application Number:	13008182
Application Number:	13008303
Application Number:	13008392
Application Number:	13008468
Application Number:	13099718
Application Number:	13101672
Application Number:	13113906
Application Number:	13156117
Application Number:	13408458

**CORRESPONDENCE DATA**

**Fax Number:** (415)947-2099

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<b>ATTORNEY DOCKET NUMBER:</b>	23115.086
<b>NAME OF SUBMITTER:</b>	QUI LU FLOOD
<b>SIGNATURE:</b>	/Qui Lu Flood/
<b>DATE SIGNED:</b>	08/30/2018

**Total Attachments: 4**

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**TERMINATION AND RELEASE OF  
NOTICE OF ATTORNEY'S LIEN**

This Termination and Release of Notice of Attorney's Lien (this "Termination"), dated as of August 30, 2018, is executed by **BROWN RUDNICK LLP** ("Brown Rudnick"), in favor of **HELICOS BIOSCIENCES CORPORATION** ("Company"). All capitalized terms used in this Termination and not otherwise defined herein, shall have the respective meanings given to such terms in the Attorney's Lien (defined below).

RECITALS

A. Pursuant to that certain Notice of Attorney's Lien, dated as of April 17, 2012 (as amended, the "Attorney's Lien"), Brown Rudnick provided notice that it asserted, for attorneys' fees and expenses due it from Company, an attorney's lien pursuant to Mass. Gen. Laws ch. 221, § 50, in the IP Collateral (defined below).

B. The Attorney's Lien was recorded with the Patent Division of the United States Patent and Trademark Office on April 17, 2012, at Reel/Frame 028060/0898, to evidence the attorney's lien.

C. Brown Rudnick agrees to execute this Termination in order to evidence the termination and release of its attorney's lien in the IP Collateral specified below.

AGREEMENT

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Brown Rudnick hereby agrees as follows:

(a) Brown Rudnick expressly terminates and releases all of Brown Rudnick's right, title and interest in, to and under the following (collectively, the "IP Collateral"):

(i) those certain issued and pending U.S. Patents and Applications as scheduled on Exhibit A, attached hereto, and all other pending U.S. Patent Applications and/or issued U.S. Patents depending therefrom.

(b) Brown Rudnick represents and warrants that it has the full power and authority to execute this Termination.

(c) Brown Rudnick authorizes and requests the patent division of the United States Patent and Trademark Office to record this Termination.

*[Signature Page Follows]*

IN WITNESS WHEREOF, Brown Rudnick has executed and delivered this Termination as of the day and year first above written.

**BROWN RUDNICK LLP**


By:   
Name: ANDREW F. STREHLE  
Title: ADMINISTRATIVE PARTNER

EXHIBIT A

Patents

<u>Description</u>	<u>Application No.</u>	<u>Patent No.</u>	<u>File Date</u>
Method of determining the nucleotide sequence of oligonucleotides and dna molecules	09941882	6780591	08/28/2001
Method of determining the nucleotide sequence of oligonucleotides and dna molecules	10229997	7037687	08/28/2002
Method of determining the nucleotide sequence of oligonucleotides and dna molecules	10709436	7645596	05/05/2004
Short cycle methods for sequencing polynucleotides	10852482	7169560	05/24/2004
Apparatus and methods for analyzing samples	10990242	7276720	11/16/2004
Methods and kits for analyzing polynucleotide sequences	11054243	7981604	02/09/2005
Applications of single molecule sequencing	11067102	-	02/25/2005
Methods for nucleic acid amplification and sequence determination	11167046	-	06/23/2005
Sample preparation method and apparatus for nucleic acid sequencing	11292528	-	12/02/2005
Systems and methods for reducing detected intensity non-uniformity in a laser beam	11370605	7397546	03/08/2006
Short cycle methods for sequencing polynucleotides	11588108	7491498	10/26/2006
Apparatus and methods for analyzing samples	11865653	7593109	10/01/2007
Multi-channel flow cells	11928799	-	10/30/2007
Method of determining the nucleotide sequence of oligonucleotides and dna molecules	11929141	7875440	10/30/2007
Multi-channel flow cells	11997382	-	01/30/2008
Paired-end reads in sequencing by synthesis	12025033	7767400	02/03/2008
Short cycle methods for sequencing polynucleotides	12371310	7897345	02/13/2009
Methods and apparatuses for analyzing polynucleotide sequences	12400593	-	03/09/2009

**PATENT**

**REEL: 046988 FRAME: 0739**

<u>Description</u>	<u>Application No.</u>	<u>Patent No.</u>	<u>File Date</u>
Apparatus and methods for analyzing samples	12563677	7948625	09/21/2009
Method of determining the nucleotide sequence of oligonucleotides and dna molecules	12969872	9096898	12/16/2010
Short cycle methods for sequencing polynucleotides	13008130	-	01/18/2011
Short cycle methods for sequencing polynucleotides	13008182	9012144	01/18/2011
Method of determining the nucleotide sequence of oligonucleotides and dna molecules	13008303	8263364	01/18/2011
Method of determining the nucleotide sequence of oligonucleotides and dna molecules	13008392	8263365	01/18/2011
Short cycle methods for sequencing polynucleotides	13008468	-	01/18/2011
Method of determining the nucleotide sequence of oligonucleotides and dna molecules	13099718	9212393	05/03/2011
Methods and kits for analyzing polynucleotide sequences	13101672	-	05/05/2011
Apparatus and methods for analyzing samples	13113906	8094312	05/23/2011
Method of determining the nucleotide sequence of oligonucleotides and dna molecules	13156117	8216514	06/08/2011
Method of determining the nucleotide sequence of oligonucleotides and dna molecules	13408458	-	02/29/2012