

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT												
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT												
<b>CONVEYING PARTY DATA</b>													
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Suhaib Siddiqi</td> <td>12/18/2007</td> </tr> <tr> <td>Hernan Orgueira</td> <td>12/22/2007</td> </tr> <tr> <td>Edyta Krymanska-Olejnik</td> <td>12/18/2007</td> </tr> <tr> <td>Subramanian Marappan</td> <td>01/09/2008</td> </tr> <tr> <td>Philip R. Buzby</td> <td>12/20/2007</td> </tr> </tbody> </table>		Name	Execution Date	Suhaib Siddiqi	12/18/2007	Hernan Orgueira	12/22/2007	Edyta Krymanska-Olejnik	12/18/2007	Subramanian Marappan	01/09/2008	Philip R. Buzby	12/20/2007
Name	Execution Date												
Suhaib Siddiqi	12/18/2007												
Hernan Orgueira	12/22/2007												
Edyta Krymanska-Olejnik	12/18/2007												
Subramanian Marappan	01/09/2008												
Philip R. Buzby	12/20/2007												
<b>RECEIVING PARTY DATA</b>													
<b>Name:</b>	Helicos BioSciences Corporation												
<b>Street Address:</b>	One Kendall Square												
<b>Internal Address:</b>	Building 200												
<b>City:</b>	Cambridge												
<b>State/Country:</b>	MASSACHUSETTS												
<b>Postal Code:</b>	02139												
<b>PROPERTY NUMBERS Total: 2</b>													
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11929084</td> </tr> <tr> <td>Application Number:</td> <td>11803339</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11929084	Application Number:	11803339						
Property Type	Number												
Application Number:	11929084												
Application Number:	11803339												
<b>CORRESPONDENCE DATA</b>													
<b>Fax Number:</b>	(202)842-7899												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
<b>Phone:</b>	2028427800												
<b>Email:</b>	bkowalczyk@cooley.com												
<b>Correspondent Name:</b>	COOLEY GODWARD KRONISH LLP												
<b>Address Line 1:</b>	777 6th Street, NW												
<b>Address Line 2:</b>	Suite 1100												
<b>Address Line 4:</b>	Washington, DISTRICT OF COLUMBIA 20001												
<b>ATTORNEY DOCKET NUMBER:</b>	HELI-006 3085862043 2197												

CH \$80.00 11929084

NAME OF SUBMITTER:

Konstantin M. Linnik, Reg. No. 56,309

**Total Attachments: 8**

source=HELI\_006\_02US\_Assignment#page1.tif

source=HELI\_006\_02US\_Assignment#page2.tif

source=HELI\_006\_02US\_Assignment#page3.tif

source=HELI\_006\_02US\_Assignment#page4.tif

source=HELI\_006\_02US\_Assignment#page5.tif

source=HELI\_006\_02US\_Assignment#page6.tif

source=HELI\_006\_02US\_Assignment#page7.tif

source=HELI\_006\_02US\_Assignment#page8.tif

ASSIGNMENT

11 SAMANTHA  
WAY,  
ACTON, MA  
01720

→ Edyta  
Krzyszowska  
-olejnik

Suhaib Siddiqi, residing at 37 University Avenue, Burlington, MA 01803, Hernan Orgueira, residing at 60 Ellery Street, Apt. 9, Cambridge, MA 02138, Edyta Olejnik residing at 48 Beaconsfield Road, Brookline, MA 02445, Subramanian Marappan, residing at ~~6 Little Brook Court, #134, Burlington, MA 01803~~, Philip R. Buzby, residing at 31 Harlan Drive, Brockton, MA 02301-5878 and Atanu Roy, residing at 3 Kimball Court, Apt. 514, Woburn, MA 01801-6902 (each referred to as "Assignor") have made an invention(s) (the "Invention(s)") set forth in an application for patent of the United States, entitled Methods for Increasing Accuracy of Nucleic Acid Sequencing, and which is a:

- (1)  provisional application
  - (a)  to be filed herewith; or
  - (b)  bearing Application No. , and filed on ; or
- (2)  non-provisional application
  - (a)  to be filed herewith; or
  - (b)  bearing Application No. 11/803,339, and filed on May 14, 2007.

**WHEREAS, HELICOS BIOSCIENCES CORPORATION**, a corporation duly organized under and pursuant to the laws of the State of Delaware, and having its principal place of business at One Kendall Square, Building 700, Cambridge, MA 02139 (the "Assignee"), is desirous of acquiring the entire right, title, and interest in: the Invention; the application for patent identified in paragraph (1) or (2); the right to file applications for patent of the United States or other countries on the Invention; any application for patent of the United States or other countries claiming priority to these application; any provisional or other right to recover damages, including royalties, for prior infringements of these applications; and any patent of the United States or other countries that may be granted therefor or thereon.

**NOW, THEREFORE**, for good and sufficient consideration, the receipt of which is hereby acknowledged, and to the extent that the Assignor has not done so already via a prior agreement with the Assignee, or if the Assignor has already done so via a prior agreement with the Assignee then in confirmation of any obligation to do so in said prior agreement, the Assignor has sold, assigned, transferred, and set over, and by these presents does sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns, the Assignor's entire right, title, and interest in:

- (a) the Invention(s);
- (b) the application for patent identified in paragraph (1) or (2);

(c) the right to file applications for patent of the United States or other countries on the Invention(s), including all rights under the Paris Convention for the Protection of Industrial Property and under the Patent Cooperation Treaty;

(d) any application(s) for patent of the United States or other countries claiming the Invention(s);

(e) any application(s) for patent of the United States or other countries claiming priority to the application for patent identified in paragraph (1) or (2) or any application(s) for patent claiming the Invention(s), including any division(s), continuation(s), and continuation(s)-in-part; and

(f) any provisional or other right to recover damages, including royalties, for prior infringements of any application for patent identified in the preceding paragraphs (b)-(e); and

(g) any patent(s) of the United States or other countries that may be granted for or on any application for patent identified in the preceding paragraphs (b) – (e), including any reissue(s) and extension(s) of said patent(s).

The above-granted rights, titles, and interests are to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made.

The Assignor hereby represents to the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, or if applicable, at such time said prior agreement was executed, the Assignor is a lawful owner of an undivided interest in the entire right, title, and interest in and to the Invention(s), that the Invention(s) are unencumbered, except, if applicable, by obligation to assign in accordance with said prior agreement, and that the Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth herein.

The Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that the Assignor will sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done in connection with any and all proceedings for the procurement, maintenance, enforcement and defense of the Invention(s), said applications, and said patents, including interference proceedings, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns.

The Assignor hereby authorizes and requests the attorneys of COOLEY GODWARD KRONISH L.L.P. to insert in the spaces provided above the filing date, the application number, and the attorney docket number of the application identified in paragraph (1) or (2) when known.

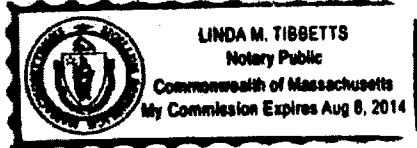
The Assignor hereby requests the Commissioner of Patents to issue said patents of the United States to the Assignee for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Date: 12/18/07 By: [Signature]  
Suhaib Siddiqi

State of Massachusetts )  
 County of Middlesex ) ss.  
 On December 18, 2007 before me, Linda M. Tibbetts, Notary Public, personally appeared Suhaib Siddiqi, personally known to me or proved to me on the basis of satisfactory evidence, to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

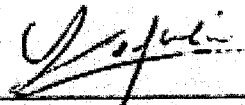
[Signature]  
 Signature of Notary Public



Place Notary Seal Above

My Commission Expires: August 8, 2014

Date: 12/22/07

By:   
Hernan Orgueira

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) ss.

On \_\_\_\_\_, before me, \_\_\_\_\_, Notary Public, personally appeared \_\_\_\_\_, personally known to me or proved to me on the basis of satisfactory evidence, to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

\_\_\_\_\_  
Signature of Notary Public

Place Notary Seal Above

My Commission Expires: \_\_\_\_\_

Date: 12-18-07

By: E. Olejnik  
Edyta Olejnik

Edyta Krzymaniska-Olejnik

State of Massachusetts  
County of Norfolk ) ss.

On December 18, 2007 before me, Linda M. Tibbetts, Notary Public, personally appeared Edyta Krzymaniska-Olejnik personally known to me or proved to me on the basis of satisfactory evidence, to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that ~~he/she/they~~ executed the same in ~~his/her/their~~ authorized capacity(ies), and that by ~~his/her/their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.



Linda M. Tibbetts  
Signature of Notary Public

Place Notary Seal Above

My Commission Expires: August 8, 2014

Date: 01/09/08

By: *Subramanian Marappan*  
Subramanian Marappan

State of Massachusetts )  
County of Middlesex ) ss.

On January 9, 2008, before me, Linda M. Tibbetts, Notary Public, personally appeared Subramanian Marappan personally known to me or proved to me on the basis of satisfactory evidence, to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.



*Linda M. Tibbetts*

Signature of Notary Public

Place Notary Seal Above

My Commission Expires: August 8, 2014



Date: 12-20-07

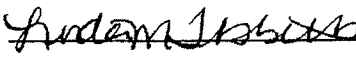
By:   
Philip R. Buzby

State of Massachusetts )  
County of Middlesex ) ss.

On December 20, 2007, before me, Linda M. Tibbetts, Notary Public, personally appeared Philip R. Buzby, personally known to me or proved to me on the basis of satisfactory evidence, to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.



  
Signature of Notary Public

Place Notary Seal Above

My Commission Expires: August 8, 2014

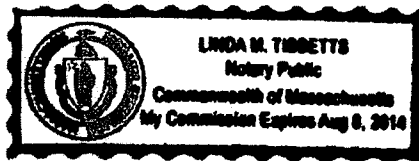
Date: 12-18-07

By: Atanu Roy  
Atanu Roy

State of Massachusetts )  
County of Middlesex ) ss.

On December 18, 2007, before me, Linda M. Tibbetts, Notary Public, personally appeared Atanu Roy, personally known to me or proved to me on the basis of satisfactory evidence, to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.



Linda M. Tibbetts

Signature of Notary Public

Place Notary Seal Above

My Commission Expires: August 8, 2014