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☐ Mark if additional names of conveying parties attachedName Timothy HarrisExecution Date
Month Day Year 10/04/2005Name Philip Richard Buzby 10/04/2005Name Mira Jarosz 10/04/2005Name James Joseph DiMeo 10/04/2005Name Jamie Gill 10/04/2005

Receiving Party

☐ Mark if additional names of receiving parties attachedName (line 1) Helicos BioSciences CorporationName (line 2) Address (line 1) One Kendall SquareAddress (line 2) Building 200Address (line 3) Cambridge MA 02139

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Page 2

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Area Code and Telephone Number (617) 528-9600

Name Patent Administrator

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Address (line 2) One International Place

Address (line 3)

Address (line 4) Boston, MA 02110-2600

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3

Application Number(s) or Patent Number(s)☐ Mark if additional numbers attached

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Patent Application Number(s)**Patent Number(s)**

11/137,928

Patent Cooperation Treaty (PCT)Enter PCT application number
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PATENT
REEL: 017060 FRAME: 0677

Attorney Docket No. HEL-006
(35334/013)

ASSIGNMENT

WHEREAS, We, Timothy Harris, Philip Richard Buzby, Mirna Jarosz, James Joseph DiMeo, and Jaime Gill have invented one or more inventions described in an application (or provisional application) for Letters Patent of the United States entitled:

METHODS AND DEVICES FOR NUCLEIC ACID SEQUENCE DETERMINATION

and identified by

☐ Attorney Docket No. _____, and/or executed by us on even date herewith and about to be filed in the United States Patent Office;

☒ Serial No. 11/137,928 filed in the United States Patent Office on May 25, 2005; and

WHEREAS, Helicos BioSciences Corporation (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the State/Commonwealth of Delaware, and having a usual place of business at One Kendall Square, Building 200, Cambridge MA 02139, desires to acquire an interest therein, in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns, and legal representatives, our entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to the invention(s) described in said application, together with our entire right, title and interest in and to said application and such Letters Patent as may issue thereon or claim priority under United States law or international convention, including but not limited to non-provisionals, continuations, divisionals, reissues, reexaminations, extensions, and substitutions of said application or such Letters Patent, and any right, title and interest we may have in provisional applications to which said application claims priority; said invention(s), applications and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all of our rights arising under or pursuant to any and all United States laws and international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent, including but not limited to any cause(s) of action and damages accruing prior to this assignment. We hereby acknowledge that this assignment, being of our entire right, title and interest in and to said invention(s), carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all Letters Patent to ASSIGNEE in its own name as assignee of our entire right, title and interest therein;

AND, we hereby further agree 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 aforesaid invention(s) to said ASSIGNEE, its successors, assigns, and legal representatives, but at its or their expense and charges, including the execution of non-provisional, substitution, continuation, divisional, reissue, reexamination, or corresponding foreign or international patent applications;

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AND, we hereby further agree to provide statements or testimony in any interference or other proceeding in which said invention(s) or any application or patent directed thereto may be involved;

AND, we hereby authorize ASSIGNEE or its attorneys or agents to insert the correct serial number and filing date into this assignment, if none is indicated on the date of our execution of this assignment;

AND, we hereby authorize and request the Director of the United States Patent and Trademark Office to issue such Letters Patent as shall be granted upon said application, or applications based thereon, to said ASSIGNEE, its successors, assigns, or legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals on the date(s) set forth below.

Inventor:

Timothy Harris
Timothy Harris
Date: Oct. 4, 2005

Witnessed:

Sally B. B.

Date:

10/4/05

Inventor:

Philip Richard Buzby
Philip Richard Buzby

Date:

10/4/05

Witnessed:

Sally B. B.

Date:

10/4/05

Inventor:

Mirna Garza
Mirna Garza

Date:

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Witnessed:

Sally B. B.

Date:

10/4/05

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Attorney Docket No. HEL-006
U.S. Serial No. 11/137,928
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Inventor:

James J. DiMio
James Joseph DiMio

Date:

10-4-05

Witnessed:

Shelly B. Gill

Date:

10/4/05

Inventor:

Jaime Gill
Jaime Gill

Date:

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