

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT7443398

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
EDWARD STUART BOYDEN	07/01/2016
FEI CHEN	06/28/2016
SHAHAR ALON	06/27/2016
PAUL WARREN TILLBERG	06/29/2016
ADAM MARBLESTONE	06/29/2016
RECEIVING PARTY DATA	
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City:	CAMBRIDGE
State/Country:	MASSACHUSETTS
Postal Code:	02139
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16110150
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:	MIT-047US(03)
NAME OF SUBMITTER:	MARYDILYS S. ANDERSON
SIGNATURE:	/MaryDilys S. Anderson/
DATE SIGNED:	07/21/2022
Total Attachments: 5	
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PATENT

REEL: 060576 FRAME: 0136

ASSIGNMENT

WHEREAS, we, Edward Stuart Boyden, Fei Chen, Shahar Alon, Paul Warren Tillberg and Adam Marblestone and, together with co-inventors George Church and Evan Daugharthy, have invented a certain improvement in IN SITU NUCLEIC ACID SEQUENCING OF EXPANDED BIOLOGICAL SAMPLES, described in an application for Letters Patent of the United States, the specification of which:

- [] is being executed on even date herewith and is about to be filed in the United States Patent Office;
 [X] was filed on April 14, 2016 as United States Application No. 15/098,968;
 [] was patented under U.S. Patent No. [] on [].

WHEREAS, Massachusetts Institute of Technology (hereinafter "ASSIGNEE"), a university organized and existing under the laws of the Commonwealth of Massachusetts, and having a usual place of business at 77 Massachusetts Avenue, 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, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application and all divisionals, renewals, and continuations thereof, together with the entire right, title and interest in and to said application and such Letters Patent as may issue thereon and all reissues and extensions thereof; said invention, application 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 rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property including, without limitation, all applications for patents, utility models and designs which may be filed for said invention in any countries foreign to the United States together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed as may be applicable; and all forms of industrial property protection including, without limitation, patents, utility models, inventor's certificates, and designs which may be granted for said invention in any country foreign to the United States and all extensions, renewals and reissues thereof; and all right to sue for infringement including past infringement. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, 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 such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, we hereby covenant and agree that we have full right to convey the entire interest herein assigned and that we have not executed, and will not execute, any agreement in conflict herewith;

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

Inventor

Date

Edward Stuart Boyden

4/11/2016

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Katie Adamo

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Cambridge, MA

02139

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Lisa Uchida

ASSIGNMENT

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

Inventor



Date

6/28/16

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Print Witness Name

Cynthia Smith

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Cambridge, MA 02139 Cynthia Smith

Print Witness Name

Lisa Lieberman

Address

20 Ames Street

Signature

Cambridge, MA 02139 Lisa Lieberman

ASSIGNMENT

WHEREAS, we, Edward Stuart Boyden, Fei Chen, Shahar Alon, Paul Warren Tillberg and Adam Marblestone and, together with co-inventors George Church and Evan Daugherty, have invented a certain improvement in **IN SITU NUCLEIC ACID SEQUENCING OF EXPANDED BIOLOGICAL SAMPLES**, described in an application for Letters Patent of the United States, the specification of which:

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Inventor

Shahar Alon

Date

6/27/2016

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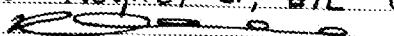
Print Witness Name

Katriona Guthrie-Honea

Address

258 Prospect St, #11 Cambridge MA, 02137

Signature



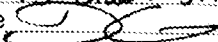
Print Witness Name

Daniel Goodman

Address

45 Stuart St. Boston MA 02116

Signature



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Inventor *Paul Warren Tillberg* Date 6/29/16
Paul Warren Tillberg

Address 60 Wadsworth St #27C
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Print Witness Name NICHOLAS C. BARRY
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 Signature *Nicholas C. Barry*

Print Witness Name Chih-Chieh (Jay) Yu
 Address 70 Pacific St #402B, Cambridge, MA 02139
 Signature *Jay Yu*

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Inventor

Adam Marblestone

Date

6/29/2016

Adam Marblestone

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