

PATENT ASSIGNMENT

Electronic Version v1.1

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| SUBMISSION TYPE: | NEW ASSIGNMENT | | | | | | | | |
|--|---|---------------|----------------|---------------|--------------|---------------------|------------|-----------------|------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT | | | | | | | | |
| CONVEYING PARTY DATA | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>ADAM R. ABATE</td> <td>09/18/2013</td> </tr> <tr> <td>DENNIS JAY EASTBURN</td> <td>09/17/2013</td> </tr> <tr> <td>ADAM R. SCIAMBI</td> <td>09/18/2013</td> </tr> </tbody> </table> | | Name | Execution Date | ADAM R. ABATE | 09/18/2013 | DENNIS JAY EASTBURN | 09/17/2013 | ADAM R. SCIAMBI | 09/18/2013 |
| Name | Execution Date | | | | | | | | |
| ADAM R. ABATE | 09/18/2013 | | | | | | | | |
| DENNIS JAY EASTBURN | 09/17/2013 | | | | | | | | |
| ADAM R. SCIAMBI | 09/18/2013 | | | | | | | | |
| RECEIVING PARTY DATA | | | | | | | | | |
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| City: | OAKLAND | | | | | | | | |
| State/Country: | CALIFORNIA | | | | | | | | |
| Postal Code: | 94607-5200 | | | | | | | | |
| PROPERTY NUMBERS Total: 1 | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>PCT Number:</td> <td>US2013054517</td> </tr> </tbody> </table> | | Property Type | Number | PCT Number: | US2013054517 | | | | |
| Property Type | Number | | | | | | | | |
| PCT Number: | US2013054517 | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | |
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| ATTORNEY DOCKET NUMBER: | UCSF-449WO | | | | | | | | |
| NAME OF SUBMITTER: | MICHAEL B. RUBIN | | | | | | | | |
| Signature: | /Michael B. Rubin, Reg. No. 61,231/ | | | | | | | | |

PATENT

Date:

10/03/2013

Total Attachments: 2

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ASSIGNMENT

Atty Docket No.: UCSF-449WO
UC Case No.: SF2012-001-3

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S),

1. Adam R. Abate
2. Dennis Jay Eastburn
3. Adam R. Sciambi

hereby sells, assigns and transfers to ASSIGNEE, The Regents of the University of California, a California Corporation, having its statewide administrative offices located 1111 Franklin Street, Twelfth Floor, Oakland, CA 94607-5200, and the successors, assigns and legal representatives of the ASSIGNEE all of its right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention entitled:

"Methods and Systems for Detecting Biological Components"

and which is found in

- (a) _____ U.S. provisional application filed herewith and listing the above named persons as inventors
- (b) _____ U.S. patent application filed herewith and listing the above named persons as inventors
- (c) _____ U.S. application serial no. _____, filed on _____
- (d) _____ U.S. Patent No.: _____, issued _____
- (e) PCT Patent Application No. PCT/US2013/054517, filed on August 12, 2013

and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(a) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;

ASSIGNOR(S) hereby agrees that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR(S) further agrees that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, post grant review, inter partes review, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.

AND the ASSIGNOR(S) requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, The Regents of the University of California.

Executed this

18 day of September, 2013

Signature of Inventor(s)



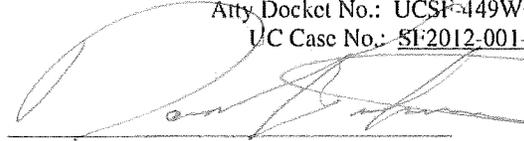
Adam R. Abate

ASSIGNMENT

Atty Docket No.: UCSF-449WO

UC Case No.: SF2012-001-3

17 day of September, 2013



Dennis Jay Eastburn

18 day of September, 2013



Adam R. Sciambi

Assignee hereby accepts this Assignment:

Daniel H. Abel
Name Title

September 19, 2013
Date

Daniel H. Abel
Patent Prosecution and Business Manager
Office of Technology Management
University of California, San Francisco