

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>DAVID V. SCHAFFER</td> <td>03/10/2010</td> </tr> <tr> <td>KEVIN EDWARD HEALY</td> <td>03/10/2010</td> </tr> <tr> <td>LAUREN LITTLE</td> <td>03/04/2010</td> </tr> <tr> <td>PATRICK SEAN DAUGHERTY</td> <td>03/05/2010</td> </tr> </tbody> </table>		Name	Execution Date	DAVID V. SCHAFFER	03/10/2010	KEVIN EDWARD HEALY	03/10/2010	LAUREN LITTLE	03/04/2010	PATRICK SEAN DAUGHERTY	03/05/2010
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DAVID V. SCHAFFER	03/10/2010										
KEVIN EDWARD HEALY	03/10/2010										
LAUREN LITTLE	03/04/2010										
PATRICK SEAN DAUGHERTY	03/05/2010										
RECEIVING PARTY DATA											
Name:	The Regents of the University of California										
Street Address:	1111 Franklin Street, Twelfth Floor										
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>Application Number:</td> <td>12532098</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12532098						
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Application Number:	12532098										
CORRESPONDENCE DATA											
Fax Number:	(650)327-3231										
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ATTORNEY DOCKET NUMBER:	BERK-071										
NAME OF SUBMITTER:	Paula A. Borden										
Total Attachments: 2											

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**PATENT
 REEL: 024102 FRAME: 0012**

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ASSIGNMENT

U.C. Case No. B07-103

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

- | | |
|----------------------|---------------------------|
| 1. DAVID V. SCHAFFER | 2. KEVIN EDWARD HEALY |
| 3. LAUREN LITTLE | 4. PATRICK SEAN DAUGHERTY |

hereby sell(s), assign(s) and transfer(s) 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:

"Synthetic Cell Platforms and Methods of Use Thereof"

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) X _____ PCT International Application PCT/US2008/003811 designating the United States, filed on March 21, 2008
- (d) _____ U.S. Patent No.: issued


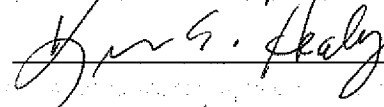
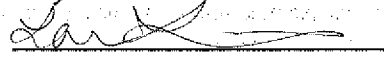
and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(a) or substitute thereof, 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 covenant(s) 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 covenant(s) 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(S) and will testify as to the same in any interference, 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) request(s) 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 Signature of Inventor(s)

- | | | | |
|----|--|--|------------------------|
| 1) | <u>March 10, 2010</u>
Date Year |  | DAVID V. SCHAFFER |
| 2) | <u>March 10th, 2010</u>
Date Year |  | KEVIN EDWARD HEALY |
| 3) | <u>March 4, 2010</u>
Date Year |  | LAUREN LITTLE |
| 4) | _____
Date Year | _____ | PATRICK SEAN DAUGHERTY |

ASSIGNMENT

U.C. Case No. B07-103

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| 1) | _____ | _____ | DAVID V. SCHAFFER |
| | Date | Year | |
| 2) | _____ | _____ | KEVIN EDWARD HEALY |
| | Date | Year | |
| 3) | _____ | _____ | LAUREN LITTLE |
| | Date | Year | |
| 4) | <u>March 5</u> | <u>2010</u> |  PATRICK SEAN DAUGHERTY |
| | Date | Year | |

PATENT