

PATENT ASSIGNMENT

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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>Daniel A. Portnoy</td> <td>08/04/2006</td> </tr> <tr> <td>Richard Calendar</td> <td>08/01/2006</td> </tr> <tr> <td>Peter M. Lauer</td> <td>08/04/2006</td> </tr> </tbody> </table>		Name	Execution Date	Daniel A. Portnoy	08/04/2006	Richard Calendar	08/01/2006	Peter M. Lauer	08/04/2006
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Daniel A. Portnoy	08/04/2006								
Richard Calendar	08/01/2006								
Peter M. Lauer	08/04/2006								
RECEIVING PARTY DATA									
Name:	The Regents of the University of California								
Street Address:	1111 Franklin Street								
Internal Address:	12th Floor								
City:	Oakland								
State/Country:	CALIFORNIA								
Postal Code:	94607								
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>12783491</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12783491				
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CORRESPONDENCE DATA									
Fax Number:	(650)327-3231								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
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ATTORNEY DOCKET NUMBER:	BERK-017CIPCON								
NAME OF SUBMITTER:	Bret E. Field								
Total Attachments: 3									

OP \$40.00 12783491

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**PATENT
 REEL: 024809 FRAME: 0027**

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ASSIGNMENT

U.C. Case No. B01-050

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

- | | | | |
|----|-------------------|----|------------------|
| 1. | DANIEL A. PORTNOY | 2. | RICHARD CALENDAR |
| 3. | PETER M. LAUER | 4. | |

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:

“SITE SPECIFIC LISTERIA INTEGRATION VECTORS AND METHODS FOR USING THE SAME”

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. 10/547,999 or PCT International Application No. PCT/US03/13492 designating the United States, filed on April 29, 2003
- (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>4th</u> day of <u>August</u> , 2006		DANIEL A. PORTNOY
2)	_____ day of _____, 2006	_____	RICHARD CALENDAR
3)	_____ day of _____, 2006	_____	PETER M. LAUER

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- 2) 1 day of August, 2006 Richard Calendar RICHARD CALENDAR
- 3) _____ day of _____, 2006 _____ PETER M. LAUER

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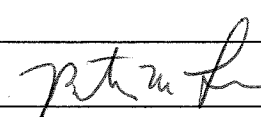
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