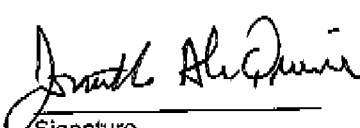


Attorney Docket No. 54A-000130US

FORM PTO-1595 (Rev. 6-04)		Recordation Form Cover Sheet (Patents Only)		U.S. Department of Commerce Patent and Trademark Office	
To the Honorable Commissioner for Patents. Please record the attached original documents or copy thereof					
1. Name of conveying party(ies): <div style="text-align: center;">David R. Liu</div> Additional name(s) of conveying parties attached? No			2. Name and address of receiving party(ies) Name: The Regents of the University of California Internal Address: Street Address: 1111 Franklin Street, 12 th Floor Oakland, CA 94607-5200 Additional names and addresses attached? No		
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: Execution Date: August 24, 2005					
4. Application Number(s) or Patent Numbers. If this document is being filed together with a new application, the execution date of the application is: <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> A. Patent Application No(s): 10/126,931 Additional numbers attached? No </div> <div style="width: 45%;"> B. Patent No(s): </div> </div>					
5. Name and address of party to whom correspondence concerning document should be mailed: Name: QUINE INTELLECTUAL PROPERTY LAW GROUP, P.C. P.O. Box 458 Alameda, CA 94501 (510) 337-7871			6. Total number of applications and patents involved 1 7. Total fee (37 CFR 3.41): -----\$40.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Charge Fees to Deposit Account <input checked="" type="checkbox"/> Charge any additional fees associated with this paper or during the pendency of this application, or credit any overpayment, to deposit account. 8. Deposit account number: 50-0893		
DO NOT USE THIS SPACE					
9. Statement and signature. <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p><i>To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true of copy of the original document.</i></p> </div> <div style="width: 30%; text-align: center;">  Signature </div> <div style="width: 30%; text-align: center;"> 9-8-05 Date </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 30%;"> Jonathan A. Quine Name of Person Signing Atty Reg. No. 41,261 </div> <div style="width: 30%; text-align: center;"> Total number of pages including cover sheet, attachments and document 2 </div> </div>					
10. Change Correspondence Address to that of Part 5? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					
OMB No. 0651-0027 (exp. 06/30/2005)					
<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> Mail documents to be recorded with required cover to: </div> <div style="width: 35%; text-align: center;"> Do not detach this portion </div> </div> <div style="text-align: center; margin-top: 20px;"> Assignment Recordation Services Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 </div>					

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ASSIGNMENT

U.C. Case No. 2003-19-0131
Attorney Docket No. 54A-000130US

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

1. David R. Liu

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 inventions which are disclosed in the patent application entitled:

METHODS AND COMPOSITIONS FOR THE PRODUCTION OF ORTHOGONAL tRNA- AMINOACYL tRNA SYNTHETASE PAIRS

corresponding to:

- (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. 10/126,931, filed on April 19, 2002
- (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 inventions 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 covenants 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 covenants 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, 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

24 day of August, 2005

Signature of Inventor(s)


David R. Liu