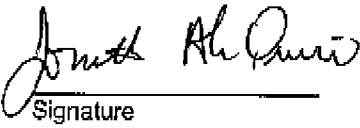


Attorney Docket No. 54-000920US

FORM PTO-1595 (Rev. 6-04)		Recordation Form Cover Sheet (Patents Only)		U.S. Department of Commerce Patent and Trademark Office	
To the Honorable Asst. Commissioner for Patents. Please record the attached original documents or copy thereof					
1. Name of conveying party(ies):  Jianming Xie  Additional name(s) of conveying parties attached? <b>YES</b>		2. Name and address of receiving party(ies)  Name: The Scripps Research Institute  Internal Address:  Street Address:  10550 North Torrey Pines Road La Jolla, California 92037  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: 07/11/2005		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:  A. Patent Application No(s): 11/137,850      B. Patent No(s): Additional numbers attached? No			
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			
<b>DO NOT USE THIS SPACE</b>					
9. Statement and signature.  <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>  <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="width: 30%;"> Jonathan A. Quine Name of Person Signing  Atty Reg. No. 41,261 </div> <div style="width: 30%; text-align: center;">   Signature </div> <div style="width: 30%; text-align: right;"> August 10, 2005 Date   Total number of pages including cover sheet, attachments and document 6 </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;"> Mail documents to be recorded with required cover to: <div style="text-align: center;"> Do not detach this portion   Assignment Recordation Services Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 </div> </div>					

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**PATENT**  
**REEL: 016632 FRAME: 0349**

Form PTO-1595  
Recordation Form Cover Sheet  
Patents Only  
Page 2

1. Additional name(s) of conveying party(ies):  
(Continued from Page 1)

Lei Wang	Execution Date: 07/12/2005
Ning Wu	Execution Date: 06/30/2005
Peter G. Schultz	Execution Date: 07/11/2005

Attorney Docket No.: 54-000920US  
Scripps Reference No.: 1045.2/NOV0426P

### ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Jianming Xie, of 8730 Costa Verde Blvd., Apt. 2310, San Diego, California 92122, Lei Wang of 8730 Costa Verde Blvd., #2320, San Diego, California 92122, Ning Wu of 116 Centre St., Brookline, Massachusetts 02446, and Peter G. Schultz, 1650 La Jolla Ranch Road, La Jolla, California 92037, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: SITE SPECIFIC INCORPORATION OF  
HEAVY ATOM-CONTAINING  
UNNATURAL AMINO ACIDS INTO  
PROTEINS FOR STRUCTURE  
DETERMINATION

Filing Date: May 24, 2005

Application No.: 11/137,850; and

WHEREAS, The Scripps Research Institute, a corporation, located at 10550 North Torrey Pines Road, La Jolla, California 92037, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on any patent application claiming priority from the same in the United States and all countries throughout the world, and which claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignment  
Application No.: 11/137,850  
Page 2

IN TESTIMONY WHEREOF, Assignors have signed his/her name on the date indicated.

Dated: 7-11-2005



Jianming Xie

SIGNATURE WITNESSED BY:

(1) Date: 7-11-05



Signature of Witness

Dated: \_\_\_\_\_

Lei Wang

SIGNATURE WITNESSED BY:

(1) Date: \_\_\_\_\_

Signature of Witness

Dated: \_\_\_\_\_

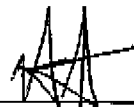
Ning Wu

SIGNATURE WITNESSED BY:

(1) Date: \_\_\_\_\_

Signature of Witness

Dated: 7-11-2005



Peter G. Schultz

SIGNATURE WITNESSED BY:

(1) Date: 7-11-05



Signature of Witness

Assignment  
Application No.: 11/137,850  
Page 2

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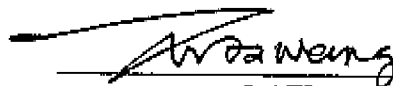
\_\_\_\_\_  
Jianming Xie

SIGNATURE WITNESSED BY:

(1) Date: \_\_\_\_\_


\_\_\_\_\_  
Signature of Witness

Dated: 7/12/05

  
\_\_\_\_\_  
Lei Wang

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(1) Date: 7/12/05

  
\_\_\_\_\_  
Signature of Witness

Dated: \_\_\_\_\_

\_\_\_\_\_  
Ning Wu

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Peter G. Schultz

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Assignment  
Application No.: 11/137,850  
Page 2

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\_\_\_\_\_  
Jianming Xie

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(1) Date: \_\_\_\_\_

\_\_\_\_\_  
Signature of Witness

Dated: \_\_\_\_\_

\_\_\_\_\_  
Lei Wang

SIGNATURE WITNESSED BY:

(1) Date: \_\_\_\_\_

\_\_\_\_\_  
Signature of Witness

Dated: June 30, 2005

  
\_\_\_\_\_  
Ming Wu

SIGNATURE WITNESSED BY:

(1) Date: JUNE 30, 2005

  
\_\_\_\_\_  
Signature of Witness

Dated: \_\_\_\_\_

\_\_\_\_\_  
Peter G. Schultz

SIGNATURE WITNESSED BY:

(1) Date: \_\_\_\_\_

\_\_\_\_\_  
Signature of Witness