

# PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Travis Young	07/07/2011
Peter G. Schultz	07/11/2011
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	The Scripps Research Institute
<b>Street Address:</b>	10550 North Torrey Pines Road
<b>City:</b>	La Jolla
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	92037
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	13133629
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(510)337-7877
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	510-337-7871
<b>Email:</b>	dbarragan@quinelaw.com
<b>Correspondent Name:</b>	Quine Intellectual Property Law Group
<b>Address Line 1:</b>	2033 Clement Ave, Suite 200
<b>Address Line 4:</b>	Alameda, CALIFORNIA 94501
<b>ATTORNEY DOCKET NUMBER:</b>	54-002931US
<b>NAME OF SUBMITTER:</b>	Deborah Barragan
<b>Total Attachments: 4</b> source=54-002931US_Assignment_Executed#page1.tif source=54-002931US_Assignment_Executed#page2.tif source=54-002931US_Assignment_Executed#page3.tif source=54-002931US_Assignment_Executed#page4.tif	

CH \$40.00 13133629

**501609487**

**PATENT**  
**REEL: 026665 FRAME: 0490**

**ASSIGNMENT OF PATENT APPLICATION**

JOINT

WHEREAS, Travis Young, of 3842 Lamont St., San Diego, California 92109 and Peter G. Schultz of 1650 La Jolla Rancho 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:

Application No.	Filed on	Title of Invention
13/133,629	April 8, 2011	Production of carrier-peptide conjugates using chemically reactive unnatural amino acids
12/653,274	December 9, 2009	Production of Carrier-Peptide Conjugates Using Chemically Reactive Unnatural Amino Acids
PCT/US2009/006500	December 9, 2009	Production of Carrier-Peptide Conjugates Using Chemically Reactive Unnatural Amino Acids
PCT/US2008/013568	December 10, 2008	In Vivo Unnatural Amino Acid Expression in the Methylophilic Yeast <i>Pichia Pastoris</i>
61/208,141	February 20, 2009	Production of Carrier-Peptide Conjugates Using Chemically Reactive Unnatural Amino Acids

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 Assignor, Assignor has assigned, and by these presents does assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts thereof (including all patents, patent applications, utility models 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 in and to any such applications, foreign counterparts, patents, Letters Patent and Registrations which claim priority from the application or which claim priority from a related application that the above application claims priority to, including as provided for 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 Assignor had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any foreign counterpart, division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignor further agrees that Assignor 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.: 13/133,629  
Page 2

IN TESTIMONY WHEREOF, Assignor has signed his/her name on the date indicated.

Dated: 7/7/2011

  
\_\_\_\_\_  
Travis Young

SIGNATURE WITNESSED BY:

(1) Date: 7/7/2011

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

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

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

SIGNATURE WITNESSED BY:

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

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

**ASSIGNMENT OF PATENT APPLICATION**

JOINT

WHEREAS, Travis Young, of 3842 Lamont St., San Diego, California 92109 and Peter G. Schultz of 1650 La Jolla Rancho 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:

Application No.	Filed on	Title of Invention
13/133,629	April 8, 2011	Production of carrier-peptide conjugates using chemically reactive unnatural amino acids
12/653,274	December 9, 2009	Production of Carrier-Peptide Conjugates Using Chemically Reactive Unnatural Amino Acids
PCT/US2009/006500	December 9, 2009	Production of Carrier-Peptide Conjugates Using Chemically Reactive Unnatural Amino Acids
PCT/US2008/013568	December 10, 2008	In Vivo Unnatural Amino Acid Expression in the Methylotrophic Yeast <i>Pichia Pastoris</i>
61/208,141	February 20, 2009	Production of Carrier-Peptide Conjugates Using Chemically Reactive Unnatural Amino Acids

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 Assignor, Assignor has assigned, and by these presents does assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts thereof (including all patents, patent applications, utility models 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 in and to any such applications, foreign counterparts, patents, Letters Patent and Registrations which claim priority from the application or which claim priority from a related application that the above application claims priority to, including as provided for 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 Assignor had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any foreign counterpart, division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignor further agrees that Assignor 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.: 13/133,629  
Page 2

IN TESTIMONY WHEREOF, Assignor has signed his/her name on the date indicated.

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

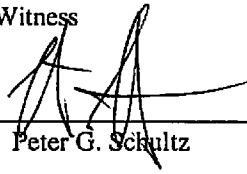
\_\_\_\_\_  
Travis Young

SIGNATURE WITNESSED BY:

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

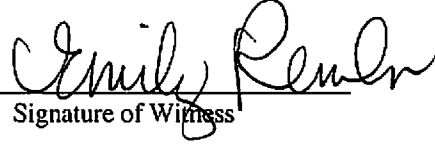
\_\_\_\_\_  
Signature of Witness

Dated: 7/11/11

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

SIGNATURE WITNESSED BY:

(1) Date: 7-11-11

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