

## PATENT ASSIGNMENT

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Scott G. Petersen	10/07/2010
RECEIVING PARTY DATA	
Name:	Traversa Therapeutics, Inc.
Street Address:	10480 Wateridge Circle
City:	San Diego
State/Country:	CALIFORNIA
Postal Code:	92121
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13120409
CORRESPONDENCE DATA	
Fax Number:	(949)760-9502
Phone:	(858) 707-4000
Email:	efiling@kmob.com
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
Correspondent Name:	Knobbe, Martens, Olson & Bear, LLP
Address Line 1:	2040 Main Street
Address Line 2:	14th Floor
Address Line 4:	Irvine, CALIFORNIA 92614
ATTORNEY DOCKET NUMBER:	TRVRS.001NP
NAME OF SUBMITTER:	Ned Israelsen
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## ASSIGNMENT AND NOTICE OF CLAIM

U.S. Patent Application No. 13/120409, entitled SELF DELIVERING BIO-LABILE PHOSPHATE PROTECTED PRO-OLIGOS FOR OLIGONUCLEOTIDE BASED THERAPEUTICS AND MEDIATING RNA INTERFERENCE, relates to an invention developed by Scott G. Petersen while an employee of Traversa Therapeutics, Inc. As evidenced by the attached **Confidential Information and Invention Assignment Agreement**, Scott G. Petersen has assigned all right, title, and interest in all such inventions to Traversa Therapeutics, Inc.

Signed: Isaac Cheng  
Isaac Cheng

Title: Member, Board of Directors  
TRAVERSA THERAPEUTICS, INC.

Date: April 16, 2012

13122686

TRAVERSA THERAPEUTICS, INC.

CONFIDENTIAL INFORMATION AND  
INVENTION ASSIGNMENT AGREEMENT

As a condition of my becoming employed (or my employment being continued) by Traversa Therapeutics, Inc., a California corporation (the “Company”), and in consideration of my employment relationship with the Company and my receipt of the compensation now and hereafter paid to me by the Company, I agree to the following:

1. **Employment Relationship.** I understand and acknowledge that this Agreement does not alter, amend or expand upon (i) any rights I may have to continue in the employ of, or (ii) the duration of my employment relationship with, the Company under any existing agreements between the Company and me or under applicable law. Any employment relationship between the Company and me, whether commenced prior to or upon the date of this Agreement, shall be referred to herein as the “Relationship.”

2. **Duties.** I will perform for the Company such duties as may be designated by the Company from time to time. During the Relationship, I will devote my best efforts to the interests of the Company and will not engage in other employment or in any activities detrimental to the best interests of the Company without the prior written consent of the Company.

3. **At-Will Relationship.** I understand and acknowledge that the Relationship is and shall continue to be at-will, as defined under applicable law, meaning that either I or the Company may terminate the Relationship at any time for any reason or no reason, without further obligation or liability.

4. **Confidential Information.**

(a) **Company Information.** I agree at all times during the Relationship and thereafter, to hold in strictest confidence, and not to use, except for the benefit of the Company to the extent necessary to perform my obligations to the Company under the Relationship, or to disclose to any person, firm, corporation or other entity without written authorization of the Board of Directors of the Company, any Confidential Information of the Company which I obtain or create. I further agree not to make copies of such Confidential Information except as authorized by the Company. I understand that “Confidential Information” means any Company proprietary information, technical data, trade secrets or know-how, including, but not limited to, research, product plans, products, services, suppliers, customer lists and customers (including, but not limited to, customers of the Company on whom I called or with whom I became acquainted during the Relationship), prices and costs, markets, software, developments, inventions, laboratory notebooks, processes, formulas, technology, designs, drawings, engineering, hardware configuration information, marketing, licenses, finances, budgets or other business information disclosed to me by the Company either directly or indirectly in writing, orally or by drawings or observation of parts or equipment or created by me during the Relationship, whether or not during working hours. I understand that Confidential Information includes, but is not limited to, information pertaining to any aspect of the Company’s business which is either information not known by actual or potential competitors of the Company or other third parties not under confidentiality obligations to the Company, or is otherwise proprietary information of the Company or its customers or suppliers, whether of a technical nature or otherwise. I further understand that Confidential Information does not include any of the foregoing items which has become publicly and widely known and made generally available through no wrongful act of mine or of others who were under confidentiality obligations as to the item or items involved.

(b) **Prior Obligations.** I represent that my performance of all terms of this Agreement as an employee of the Company has not breached and will not breach any agreement to keep in confidence proprietary information, knowledge or data acquired by me prior or subsequent to the commencement of the Relationship, and I will not disclose to the Company or use any inventions, confidential or non-public proprietary information or material belonging to any current or former client or employer or any other party. I will not induce the Company to use any inventions, confidential or non-public proprietary information, or material belonging to any current or former client or employer or any other party.

(c) **Third Party Information.** I recognize that the Company has received and in the future will receive confidential or proprietary information from third parties subject to a duty on the Company's part to maintain the confidentiality of such information and to use it only for certain limited purposes. I agree to hold all such confidential or proprietary information in the strictest confidence and not to disclose it to any person, firm or corporation or to use it except as necessary in carrying out my work for the Company consistent with the Company's agreement with such third party.

5. **Inventions.**

(a) **Inventions Retained and Licensed.** I have attached hereto, as Exhibit A, a list describing with particularity all inventions, original works of authorship, developments, improvements, and trade secrets which were made by me prior to the commencement of the Relationship (collectively referred to as "Prior Inventions"), which belong solely to me or belong to me jointly with another, which relate in any way to any of the Company's proposed businesses, products or research and development, and which are not assigned to the Company hereunder; or, if no such list is attached, I represent that there are no such Prior Inventions. If, in the course of the Relationship, I incorporate into a Company product, process or machine a Prior Invention owned by me or in which I have an interest, ~~the Company is hereby granted~~ and shall have a non-exclusive, royalty-free, irrevocable, perpetual, worldwide license (with the right to sublicense) to make, have made, copy, modify, make derivative works of, use, sell and otherwise distribute such Prior Invention as part of or in connection with such product, process or machine. *That is Not Listed in Exhibit A*

(b) **Assignment of Inventions.** I agree that I will promptly make full written disclosure to the Company, will hold in trust for the sole right and benefit of the Company, and hereby assign to the Company, or its designee, all my right, title and interest throughout the world in and to any and all inventions, original works of authorship, developments, concepts, know-how, improvements or trade secrets, whether or not patentable or registrable under copyright or similar laws, which I may solely or jointly conceive or develop or reduce to practice, or cause to be conceived or developed or reduced to practice, during the Relationship (collectively referred to as "Inventions"), except as provided in Section 5(e) below. I further acknowledge that all Inventions which are made by me (solely or jointly with others) within the scope of and during the Relationship are "works made for hire" (to the greatest extent permitted by applicable law) and are compensated by my salary, unless regulated otherwise by the mandatory law of the state of California.

(c) **Maintenance of Records.** I agree to keep and maintain adequate and current written records of all Inventions made by me (solely or jointly with others) during the Relationship. The records may be in the form of notes, sketches, drawings, flow charts, electronic data or recordings, laboratory notebooks, and any other format. The records will be available to and remain the sole property of the Company at all times. I agree not to remove such records from the Company's place of business except as expressly permitted by Company policy which may, from time to time, be revised at the sole election of the Company for the purpose of furthering the Company's business. I agree to return all such

records (including any copies thereof) to the Company at the time of termination of the Relationship as provided for in Section 6.

(d) **Patent and Copyright Rights.** I agree to assist the Company, or its designee, at its expense, in every proper way to secure the Company's, or its designee's, rights in the Inventions and any copyrights, patents, trademarks, mask work rights, moral rights, or other intellectual property rights relating thereto in any and all countries, including the disclosure to the Company or its designee of all pertinent information and data with respect thereto, the execution of all applications, specifications, oaths, assignments, recordations, and all other instruments which the Company or its designee shall deem necessary in order to apply for, obtain, maintain and transfer such rights, or if not transferable, waive such rights, and in order to assign and convey to the Company or its designee, and any successors, assigns and nominees the sole and exclusive rights, title and interest in and to such Inventions, and any copyrights, patents, mask work rights or other intellectual property rights relating thereto. I further agree that my obligation to execute or cause to be executed, when it is in my power to do so, any such instrument or papers shall continue after the termination of this Agreement until the expiration of the last such intellectual property right to expire in any country of the world. If the Company or its designee is unable because of my mental or physical incapacity or unavailability or for any other reason to secure my signature to apply for or to pursue any application for any United States or foreign patents, copyright, mask works or other registrations covering Inventions or original works of authorship assigned to the Company or its designee as above, then I hereby irrevocably designate and appoint the Company and its duly authorized officers and agents as my agent and attorney in fact, to act for and in my behalf and stead to execute and file any such applications and to do all other lawfully permitted acts to further the application for, prosecution, issuance, maintenance or transfer of letters patent, copyright or other registrations thereon with the same legal force and effect as if originally executed by me. I hereby waive and irrevocably quitclaim to the Company or its designee any and all claims, of any nature whatsoever, which I now or hereafter have for infringement of any and all proprietary rights assigned to the Company or such designee.

(e) **Exception to Assignments.** I understand that the provisions of this Agreement requiring assignment of Inventions to the Company do not apply to any invention which qualifies fully under the provisions of California Labor Code Section 2870 (attached hereto as Exhibit B). I will advise the Company promptly in writing of any inventions that I believe meet such provisions and are not otherwise disclosed on Exhibit A.

6. **Company Property; Returning Company Documents.** I acknowledge and agree that I have no expectation of privacy with respect to the Company's telecommunications, networking or information processing systems (including, without limitation, stored company files, e-mail messages and voice messages) and that my activity and any files or messages on or using any of those systems may be monitored at any time without notice. I further agree that any property situated on the Company's premises and owned by the Company, including disks and other storage media, filing cabinets or other work areas, is subject to inspection by Company personnel at any time with or without notice. I agree that, at the time of termination of the Relationship, I will deliver to the Company (and will not keep in my possession, recreate or deliver to anyone else) any and all devices, records, data, notes, reports, proposals, lists, correspondence, specifications, drawings, blueprints, sketches, laboratory notebooks, materials, flow charts, equipment, other documents or property, or reproductions of any of the aforementioned items developed by me pursuant to the Relationship or otherwise belonging to the Company, its successors or assigns. In the event of the termination of the Relationship, I agree to sign and deliver the "Termination Certification" attached hereto as Exhibit C; however, my failure to sign and deliver the Termination Certificate shall in no way diminish my continuing obligations under this Agreement.

7. **Notification to Other Parties.**

(a) **Employees.** In the event that I leave the employ of the Company, I hereby consent to notification by the Company to my new employer about my rights and obligations under this Agreement.

(b) **Consultants.** I hereby grant consent to notification by the Company to any other parties besides the Company with whom I maintain a consulting relationship, including parties with whom such relationship commences after the effective date of this Agreement, about my rights and obligations under this Agreement.

8. **Solicitation of Employees, Consultants and Other Parties.** I agree that during the Relationship and for a period of twenty-four (24) months immediately following the termination of the Relationship for any reason, whether with or without cause, I shall not either directly or indirectly solicit, induce, recruit or encourage any of the Company's employees or consultants to terminate their relationship with the Company, or attempt to solicit, induce, recruit, encourage or take away employees or consultants of the Company, either for myself or for any other person or entity. Further, during the Relationship and at any time following termination of the Relationship for any reason, with or without cause, I shall not use any Confidential Information of the Company to attempt to negatively influence any of the Company's clients or customers from purchasing Company products or services or to solicit or influence or attempt to influence any client, customer or other person either directly or indirectly, to direct his or its purchase of products and/or services to any person, firm, corporation, institution or other entity in competition with the business of the Company.

9. **Representations and Covenants.**

(a) **Facilitation of Agreement.** I agree to execute promptly any proper oath or verify any proper document required to carry out the terms of this Agreement upon the Company's written request to do so.

(b) **Conflicts.** I represent that my performance of all the terms of this Agreement does not and will not breach any agreement I have entered into, or will enter into with any third party, including without limitation any agreement to keep in confidence proprietary information acquired by me in confidence or in trust prior to commencement of my Relationship with the Company. I agree not to enter into any written or oral agreement that conflicts with the provisions of this Agreement.

(c) **Voluntary Execution.** I certify and acknowledge that I have carefully read all of the provisions of this Agreement and that I understand and will fully and faithfully comply with such provisions.

10. **General Provisions.**

(a) **Governing Law.** The validity, interpretation, construction and performance of this Agreement shall be governed by the laws of the State of California, without giving effect to the principles of conflict of laws.

(b) **Entire Agreement.** This Agreement sets forth the entire agreement and understanding between the Company and me relating to the subject matter herein and merges all prior discussions between us. No modification or amendment to this Agreement, nor any waiver of any rights under this Agreement, will be effective unless in writing signed by both parties. Any subsequent change

or changes in my duties, obligations, rights or compensation will not affect the validity or scope of this Agreement.

(c) **Severability.** If one or more of the provisions in this Agreement are deemed void by law, then the remaining provisions will continue in full force and effect.

(d) **Successors and Assigns.** This Agreement will be binding upon my heirs, executors, administrators and other legal representatives, and my successors and assigns, and will be for the benefit of the Company, its successors, and its assigns.

(e) **Survival.** The provisions of this Agreement shall survive the termination of the Relationship and the assignment of this Agreement by the Company to any successor in interest or other assignee.

(f) **Remedies.** I acknowledge and agree that violation of this Agreement by me may cause the Company irreparable harm, and therefore agree that the Company will be entitled to seek extraordinary relief in court, including but not limited to temporary restraining orders, preliminary injunctions and permanent injunctions without the necessity of posting a bond or other security and in addition to and without prejudice to any other rights or remedies that the Company may have for a breach of this Agreement.

(g) **ADVICE OF COUNSEL.** I ACKNOWLEDGE THAT, IN EXECUTING THIS AGREEMENT, I HAVE HAD THE OPPORTUNITY TO SEEK THE ADVICE OF INDEPENDENT LEGAL COUNSEL, AND I HAVE READ AND UNDERSTOOD ALL OF THE TERMS AND PROVISIONS OF THIS AGREEMENT. THIS AGREEMENT SHALL NOT BE CONSTRUED AGAINST ANY PARTY BY REASON OF THE DRAFTING OR PREPARATION HEREOF.

The parties have executed this Agreement on the respective dates set forth below:

COMPANY:

EMPLOYEE:

TRAVERSA THERAPEUTICS, INC.

Scott Peterson, an Individual:

By: [Signature]

Name: Scott Peterson

Title: VP R&D

Date: 10/9/10

Address: 10480 Wateridge Circle  
San Diego, CA 92121

[Signature]  
Signature

Date: 07 Oct 2010

Address: 5683 Robusto Rd  
San Diego CA 92124




EXHIBIT A

**LIST OF PRIOR INVENTIONS  
AND ORIGINAL WORKS OF AUTHORSHIP  
EXCLUDED UNDER SECTION 5**

<u>Title</u>	<u>Date</u>	<u>Identifying Number or Brief Description</u>
Transducible Delivery of Nucleic Acids by Reversible Phosphotriester	Jan 17, 2008	WO/2008/0008476
Charge Neutralization Protecting Groups	July 11, 2007	US 2007/015966

☐ No inventions or improvements

☐ Additional Sheets Attached

Signature of Employee/Consultant: 

Print Name of Employee/Consultant: Scott Peterson

Date: 07 Oct 2010

## EXHIBIT B

Section 2870 of the California Labor Code is as follows:

(a) Any provision in an employment agreement which provides that an employee shall assign, or offer to assign, any of his or her rights in an invention to his or her employer shall not apply to an invention that the employee developed entirely on his or her own time without using the employer's equipment, supplies, facilities, or trade secret information except for those inventions that either:

(1) Relate at the time of conception or reduction to practice of the invention to the employer's business, or actual or demonstrably anticipated research or development of the employer; or

(2) Result from any work performed by the employee for the employer.

(b) To the extent a provision in an employment agreement purports to require an employee to assign an invention otherwise excluded from being required to be assigned under subdivision (a), the provision is against the public policy of this state and is unenforceable.

EXHIBIT C

**TERMINATION CERTIFICATION**

This is to certify that I do not have in my possession, nor have I failed to return, any devices, records, data, notes, reports, proposals, lists, correspondence, specifications, drawings, blueprints, sketches, laboratory notebooks, flow charts, materials, equipment, other documents or property, or copies or reproductions of any aforementioned items belonging to Traversa Therapeutics, Inc., its subsidiaries, affiliates, successors or assigns (together the "Company").

I further certify that I have complied with all the terms of the Company's Confidential Information and Invention Assignment Agreement signed by me, including the reporting of any inventions and original works of authorship (as defined therein), conceived or made by me (solely or jointly with others) covered by that agreement.

I further agree that, in compliance with the Confidential Information and Invention Assignment Agreement, I will preserve as confidential all trade secrets, confidential knowledge, data or other proprietary information relating to products, processes, know-how, designs, formulas, developmental or experimental work, computer programs, data bases, other original works of authorship, customer lists, business plans, financial information or other subject matter pertaining to any business of the Company or any of its employees, clients, consultants or licensees.

I further agree that for twenty-four (24) months from the date of this Certificate, I shall not either directly or indirectly solicit, induce, recruit or encourage any of the Company's employees or consultants to terminate their relationship with the Company, or attempt to solicit, induce, recruit, encourage or take away employees or consultants of the Company, either for myself or for any other person or entity. Further, I shall not at any time use any Confidential Information of the Company to negatively influence any of the Company's clients or customers from purchasing Company products or services or to solicit or influence or attempt to influence any client, customer or other person either directly or indirectly, to direct his or its purchase of products and/or services to any person, firm, corporation, institution or other entity in competition with the business of the Company.

Date: \_\_\_\_\_

1/27/11

\_\_\_\_\_  
(Employee's Signature)

Scott Petersen  
(Type/Print Employee's Name)