

01/26/2015

Form PTO-1595 (Rev. 06/12)
OMB No. 0651-0027 (exp. 04/30/2015)

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office



103670789

PATENTS ONLY

JAN 26 2015

5th Floor

1/26/15

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Ali Torkamani

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)

Name: The Scripps Research Institute

Internal Address: 10550 North Torrey Pines Road, TPC-8

La Jolla, California 92037

Street Address: 10550 North Torrey Pines Road

City: La Jolla

State: California

Country: USA Zip: 92037

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) May 20, 2014

- Assignment Merger
- Security Agreement Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other

4. Application or patent number(s):

This document serves as an Oath/Declaration (37 CFR 1.63).

A. Patent Application No.(s)

B. Patent No.(s)

14/200,520

Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:

Name: The Scripps Reserach

Internal Address: 10550 North Torrey Pines Road, TPC-8

Street Address: 10550 North Torrey Pines Road, TPC-8

City: La Jolla

State: California Zip: 92037

Phone Number: 858-784-2937

Docket Number: TSRI 1507.6

Email Address:

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00

- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

Deposit Account Number 19-0962

Authorized User Name KNGIYFM 00000010 170302

9. Signature:

Thomas Fitting

Signature

January 20, 2015

Date

Thomas Fitting

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 4

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

PATENT

REEL: 034837 FRAME: 0048

Recordation Form Cover Sheet
U.S. Patent Application Serial No. 14/200,520
Page -2-

Continuation of information in Item 1:

Nicholas Schork

Continuation of information in Item 3:

Execution Date(s):

Nicholas Schork January 15, 2015

ASSIGNMENT

Serial No. 14/200,520

Filed March 7, 2014

In Consideration of One Dollar and other good and valuable considerations, the receipt of which is hereby acknowledged, the entire right, title and interest in the invention or improvements of the undersigned in SYSTEMS AND METHODS FOR GENOMIC ANNOTATION AND DISTRIBUTED VARIANT INTERPRETATION and in the application for Letters Patent of the United States therefor, and in any reissue or extension of any Letters Patent that may be granted upon said application are hereby assigned by the undersigned to THE SCRIPPS RESEARCH INSTITUTE, a public benefit, not-for-profit corporation of California, located at 10550 North Torrey Pines Road, La Jolla, USA 92037, and the heirs, successors, legal representatives and assigns of THE SCRIPPS RESEARCH INSTITUTE (herein collectively called said Assignee), and the Commissioner of Patents and Trademarks is hereby authorized and requested by the undersigned to issue said Letters Patent to said Assignee.

For said considerations it is hereby agreed by the undersigned, upon the request of said Assignee, to execute any necessary and proper oaths or affidavits relating to said application or required for the filing or prosecution of any divisional or continuing application thereof or for the filing or prosecution of any application for the reissue or extension of any Letters Patent that may be granted on said invention or improvements that said Assignee may deem necessary or expedient, and for said considerations it is further agreed by the undersigned, upon request of said Assignee, in the event of said application or any division thereof, or Letters Patent issued thereon, or any reissue or application for the reissue thereof, becomes involved in Interference, to cooperate to the best of the ability of the undersigned with said Assignee in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof, and further to perform, on such request, any and all affirmative acts to obtain said Letters Patent and vest all rights therein hereby conveyed in said Assignee as fully and entirely as the same would have been held and enjoyed by the undersigned if this Assignment and sale had not been made. And for said considerations the entire right, title and interest in said invention or improvements, including all priority rights, and the right to claim priority rights and the privileges and benefits thereof, including those under the International Convention, and all other Conventions, and the right to file applications for patent in said Assignee's own name for said invention or improvements in each and every country of the world are hereby assigned and granted by the undersigned to said Assignee. It is further agreed by the undersigned, upon the request of said Assignee, to execute any and all documents that shall be required of the undersigned to be executed in connection with any and all applications for foreign Letters Patent therefor, including the prosecution thereof, and to execute any and all documents necessary to invest title in said foreign applications and patents in said Assignee. The attorneys of record in said application for patent are hereby authorized and requested by the undersigned to insert in this Assignment the date and serial number thereof in the places provided therefor.

Ali Tokmani (Seal)
Nicholas Schork (Seal)
Nicholas Schork 1-15-2015

State of _____)
County of _____) ss

On _____ before me,
_____, personally appeared _____

me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Notary Public

15126-4 FORM 9/06/05 (REV. 03/01) (Assignor and Assignee)

ASSIGNMENT

Serial No. 14/200,520

Filed March 7, 2014

In Consideration of One Dollar and other good and valuable considerations, the receipt of which is hereby acknowledged, the entire right, title and interest in the invention or improvements of the undersigned in SYSTEMS AND METHODS FOR GENOMIC ANNOTATION AND DISTRIBUTED VARIANT INTERPRETATION and in the application for Letters Patent of the United States therefor, and in any reissue or extension of any Letters Patent that may be granted upon said application are hereby assigned by the undersigned to THE SCRIPPS RESEARCH INSTITUTE, a public benefit, not-for-profit corporation of California, located at 10550 North Torrey Pines Road, La Jolla, USA 92037, and the heirs, successors, legal representatives and assigns of THE SCRIPPS RESEARCH INSTITUTE (herein collectively called said Assignee), and the Commissioner of Patents and Trademarks is hereby authorized and requested by the undersigned to issue said Letters Patent to said Assignee.

For said considerations it is hereby agreed by the undersigned, upon the request of said Assignee, to execute any necessary and proper oaths or affidavits relating to said application or required for the filing or prosecution of any divisional or continuing application thereof or for the filing or prosecution of any application for the reissue or extension of any Letters Patent that may be granted on said invention or improvements that said Assignee may deem necessary or expedient, and for said considerations it is further agreed by the undersigned, upon request of said Assignee, in the event of said application or any division thereof, or Letters Patent issued thereon, or any reissue or application for the reissue thereof, becomes involved in Interference, to cooperate to the best of the ability of the undersigned with said Assignee in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof, and further to perform, on such request, any and all affirmative acts to obtain said Letters Patent and vest all rights therein hereby conveyed in said Assignee as fully and entirely as the same would have been held and enjoyed by the undersigned if this Assignment and sale had not been made. And for said considerations the entire right, title and interest in said invention or improvements, including all priority rights, and the right to claim priority rights and the privileges and benefits thereof, including those under the International Convention, and all other Conventions, and the right to file applications for patent in said Assignee's own name for said invention or improvements in each and every country of the world are hereby assigned and granted by the undersigned to said Assignee. It is further agreed by the undersigned, upon the request of said Assignee, to execute any and all documents that shall be required of the undersigned to be executed in connection with any and all applications for foreign Letters Patent therefor, including the prosecution thereof, and to execute any and all documents necessary to invest title in said foreign applications and patents in said Assignee. The attorneys of record in said application for patent are hereby authorized and requested by the undersigned to insert in this Assignment the date and serial number thereof in the places provided therefor.

Ali Torkamani (Seal)
Ali Torkamani

Nicholas Schork

State of California)
County of San Diego) ss

On May 20, 2014 before me, Nancy L. Barker, Notary Public, personally appeared Ali Torkamani

_____, who proved to me on the basis of satisfactory evidence to be the person~~s~~ whose name~~s~~ is/~~are~~ subscribed to the within instrument and acknowledged to me that he/~~she~~/they executed the same in his/~~her~~/their authorized capacity~~s~~, and that by his/~~her~~/their signature~~s~~ on the instrument the person~~s~~, or the entity upon behalf of which the person~~s~~ acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Nancy L. Barker
Notary Public

