

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

05/11/2015



DEPARTMENT OF COMMERCE  
States Patent and Trademark Office

REC

103672229

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)**

Clinton S. Potter

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

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

Execution Date(s) July 8, 2013

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

**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

**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)

14/372,274

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 1515.1 US

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  
05/12/2015 NGUYENI 00000001 190962

14372274

**9. Signature:**

*Thomas Fitting*

Signature

01 FCN 2011 November 18, 2014 DA

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

Recordation Form Cover Sheet  
U.S. Patent Application Serial No. 14/372,274  
Page -2-

**Continuation of information in Item 1:**

Bridget Carragher  
Tilak Jain

**Continuation of information in Item 3:**

Execution Date(s):

Bridget Carragher	July 8, 2013
Tilak Jain	June 4, 2013

# ASSIGNMENT

Serial No. PCT/US2013/000018  
Serial No. U.S. Ser. No. 61/632,046

Filed January 14, 2013  
Filed January 17, 2012

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 PREPARATION OF SPECIMEN ARRAYS ON AN EM GRID and in the USSN '046 application for Letters Patent of the United States therefor and in the PCT '018 application filed with the U.S. receiving office in which all PCT countries were designated (hereinafter the applications), and in any reissue or extension of any letters Patent that may be granted upon said applications, and in any right to claim the benefit of priority of any of said applications, reissue, or extension of said applications in any subsequent patent 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 applications U.S. Ser. No. 61/632,046 and PCT/US2013/000018, 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.

Clinton S. Potter

(Seal)

Bridget Carragher

(Seal)

Tilak Jain

(Seal)

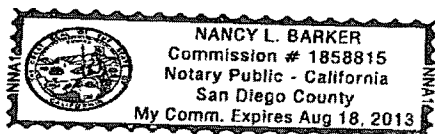
State of California } ss  
County of San Diego }

On July 8, 2013 before me, Nancy L. Barker, Notary Public  
personally appeared Clinton S. Potter + Bridget Carragher

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(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.



Nancy L. Barker  
Notary Public

PATENT  
REEL: 035637 FRAME: 0433

# ASSIGNMENT

Serial No. PCT/US2013/000018  
Serial No. U.S. Ser. No. 61/632,046

Filed January 14, 2013  
Filed January 17, 2012

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 PREPARATION OF SPECIMEN ARRAYS ON AN EM GRID and in the USSN '046 application for Letters Patent of the United States therefor and in the PCT '018 application filed with the U.S. receiving office in which all PCT countries were designated (hereinafter the applications), and in any reissue or extension of any letters Patent that may be granted upon said applications, and in any right to claim the benefit of priority of any of said applications, reissue, or extension of said applications in any subsequent patent 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 applications U.S. Ser. No. 61/632,046 and PCT/US2013/000018, 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.

\_\_\_\_\_  
Clinton S. Potter (Seal)

\_\_\_\_\_  
Bridget Carragher (Seal)

\_\_\_\_\_  
Tilak Jain (Seal)

State of California )  
County of San Diego ) ss

On June 4, 2013 before me, Nancy L. Barker, Notary Public,  
personally appeared Tilak Jain

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(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.



\_\_\_\_\_  
Nancy L. Barker  
Notary Public

PATENT

RECORDED: 05/11/2015

REEL: 035637 FRAME: 0434