

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT6184714

|   |   |
|---|---|
| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT                              |
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT                                  |
| <b>CONVEYING PARTY DATA</b>   |   |
| <b>Name</b>   | <b>Execution Date</b>                       |
| SEOK CHANG RYU  | 06/25/2014                                  |
| MARK CUTKOSKY   | 12/18/2018                                  |
| RICHARD J. BLACK  | 03/15/2020                                  |
| JOANNES M. COSTA  | 01/06/2018                                  |
| BEHZAD MOSLEHI  | 12/17/2018                                  |
| FEREYDOUN FARIDIAN  | 11/16/2017                                  |
| LEVY OBLEA  | 12/17/2018                                  |
| VAHID SOTOUDEH  | 12/20/2018                                  |
| <b>RECEIVING PARTY DATA</b>   |   |
| <b>Name:</b>  | INTELLIGENT FIBER OPTIC SYSTEMS CORPORATION |
| <b>Street Address:</b>  | 2363 CALLE DEL MUNDO                        |
| <b>City:</b>  | SANTA CLARA                                 |
| <b>State/Country:</b>   | CALIFORNIA                                  |
| <b>Postal Code:</b>   | 95054                                       |
| <b>PROPERTY NUMBERS Total: 1</b>  |   |
| <b>Property Type</b>  | <b>Number</b>                               |
| Application Number:   | 16866274                                    |
| <b>CORRESPONDENCE DATA</b>  |   |
| <b>Fax Number:</b>  | (650)619-5270                               |
| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i> |   |
| <b>Phone:</b>   | 6506195270                                  |
| <b>Email:</b>   | jay@file-ee-patents.com                     |
| <b>Correspondent Name:</b>  | JAY A. CHESAVAGE                            |
| <b>Address Line 1:</b>  | 3833 MIDDLEFIELD RD                         |
| <b>Address Line 4:</b>  | PALO ALTO, CALIFORNIA 94303                 |
| <b>ATTORNEY DOCKET NUMBER:</b>  | IFOS BIOPSY2 CIP                            |
| <b>NAME OF SUBMITTER:</b>   | JAY A. CHESAVAGE                            |
| <b>SIGNATURE:</b>   | /JAY A. CHESAVAGE/                          |

|                     |            |
|---------------------|------------|
| <b>DATE SIGNED:</b> | 07/03/2020 |
|---------------------|------------|

**Total Attachments: 15**

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- source=biopsy2\_assn\_all\_p#page14.tif
- source=biopsy2\_assn\_all\_p#page15.tif

ASSIGNMENT UNDER 37 CFR 3.31

Whereas, the undersigned

1) Seok Chang RYU

(hereinafter termed "Inventor"), resident of

1) Stanford, CA  
County of Santa Clara  
State of California

Has invented certain new and useful improvements in

"Steerable Biopsy Needle" filed 9/24/2013 s/n 14/034,767 s/n 16/866,274 biopsy2-cip

and has executed concurrently herewith an application for a United States patent disclosing and identifying the invention; and

WHEREAS, "Intelligent Fiber Optic Systems Corporation", a corporation of the state of California, having a place of business at

2363 Calle Del Mundo  
Santa Clara, Ca. 95054

(hereinafter termed "Assignee"), is desirous of acquiring the entire right, title, and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered by said inventor (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventor to have been received in full from said Assignee:

1. Said inventor does hereby sell, assign, transfer and convey unto said Assignee, the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a division, substitution, or continuation of any of said applications; and (d) in and to each and every reissue or extension of any of said patents.

2. Said Inventor hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventor shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing, or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any of said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventor in providing such cooperation shall be paid for by said Assignee.

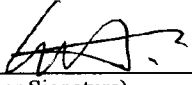
3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representative, and shall be binding upon said Inventor, their respective heirs, legal representatives and assigns.

4. Said Inventor hereby jointly and severally warrants and represents that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said inventor has executed and delivered this instrument to said Assignee this

25 day of June, 2014

(1)

  
(Inventor Signature)

State of MASSACHUSETTS

County of SUFFOLK

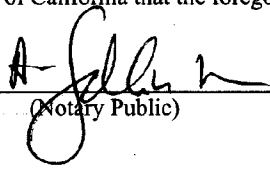
On June 25<sup>th</sup>, 2014 before me, A-FETTAH HOUNAÏN

personally appeared SEOLK Chang Ryo

(1) Printed Inventor Name

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.

  
(Notary Public)



ASSIGNMENT UNDER 37 CFR 3.31

Whereas, the undersigned

1) Mark CUTKOSKY

(hereinafter termed "Inventor"), resident of

1) Palo Alto, CA  
County of Santa Clara  
State of California

Has invented certain new and useful improvements in

"Steerable Biopsy Needle" filed 9/24/2013 s/n 14/034,767 s/n 16/866,274 biopsy2-cip

and has executed concurrently herewith an application for a United States patent disclosing and identifying the invention; and

WHEREAS, "Intelligent Fiber Optic Systems Corporation", a corporation of the state of California, having a place of business at

2363 Calle Del Mundo  
Santa Clara, Ca. 95054

(hereinafter termed "Assignee"), is desirous of acquiring the entire right, title, and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered by said inventor (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventor to have been received in full from said Assignee:

1. Said inventor does hereby sell, assign, transfer and convey unto said Assignee, the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a division, substitution, or continuation of any of said applications; and (d) in and to each and every reissue or extension of any of said patents.

2. Said Inventor hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventor shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing, or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any of said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventor in providing such cooperation shall be paid for by said Assignee.

3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representative, and shall be binding upon said Inventor, their respective heirs, legal representatives and assigns.

4. Said Inventor hereby jointly and severally warrants and represents that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said inventor has executed and delivered this instrument to said Assignee this

18 day of Dec, 2018

(1) [Signature]  
(Inventor Signature)

State of CALIFORNIA

County of SANTA CLARA

On 18 Dec. 2018 before me, H. S. GONZALES

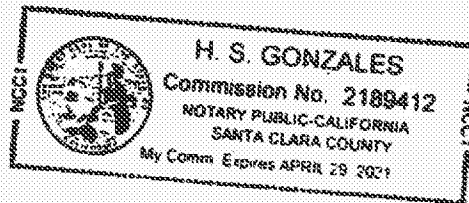
personally appeared MARK CUTKOSKY  
(1) Printed Inventor Name

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.

[Signature]  
(Notary Public)



CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

CIVIL CODE § 1189

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California )
County of SANTA CLARA )

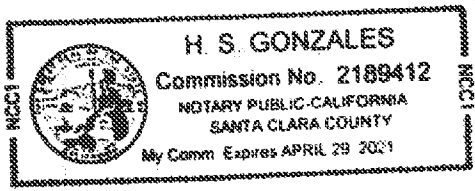
On 18 Dec 2012 before me, H.S. GONZALES, NOTARY PUBLIC
Date Here Insert Name and Title of the Officer

personally appeared MARK CUT KOSKY
Name(s) of Signer(s)

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.



Signature [Handwritten Signature]
Signature of Notary Public

Place Notary Seal Above

OPTIONAL

Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

Description of Attached Document

Title or Type of Document: Document Date:
Number of Pages: Signer(s) Other Than Named Above:

Capacity(ies) Claimed by Signer(s)

Signer's Name:
[ ] Corporate Officer -- Title(s):
[ ] Partner -- [ ] Limited [ ] General
[ ] Individual [ ] Attorney in Fact
[ ] Trustee [ ] Guardian or Conservator
[ ] Other:
Signer Is Representing:

Signer's Name:
[ ] Corporate Officer -- Title(s):
[ ] Partner -- [ ] Limited [ ] General
[ ] Individual [ ] Attorney in Fact
[ ] Trustee [ ] Guardian or Conservator
[ ] Other:
Signer Is Representing:

ASSIGNMENT UNDER 37 CFR 3.31

Whereas, the undersigned

- 1) Richard J. BLACK
- 2) Joannes M. COSTA
- 3) Behzad MOSLEHI
- 4) Fereydoun FARIDIAN
- 5) Levy OBLEA
- 6) Vahid SOTOUDEH

(hereinafter termed "Inventor"), resident of

- 1) Menlo Park, CA  
County of San Mateo  
State of California
- 2) Rancho La Costa, CA  
County of San Diego  
State of California
- 3) Los Altos, CA  
County of Santa Clara  
State of California
- 4) Atherton, CA  
County of San Mateo  
State of California
- 5) Union City, CA  
County of Alameda  
State of California
- 6) Los Altos, CA  
County of Santa Clara  
State of California

Has invented certain new and useful improvements in

"Steerable Biopsy Needle" filed 9/24/2013 s/n 14/034,767 s/n 16/866,274 biopsy2-cip

and has executed concurrently herewith an application for a United States patent disclosing and identifying the invention; and

WHEREAS, "Intelligent Fiber Optic Systems Corporation", a corporation of the state of California, having a place of business at

2363 Calle Del Mundo  
Santa Clara, Ca. 95054

(hereinafter termed "Assignee"), is desirous of acquiring the entire right, title, and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered by said inventor (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventor to have been received in full from said Assignee:

1. Said inventor does hereby sell, assign, transfer and convey unto said Assignee, the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any



application which is a division, substitution, or continuation of any of said applications; and (d) in and to each and every reissue or extension of any of said patents.

2. Said Inventor hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventor shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing, or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any of said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventor in providing such cooperation shall be paid for by said Assignee.

3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representative, and shall be binding upon said Inventor, their respective heirs, legal representatives and assigns.

4. Said Inventor hereby jointly and severally warrants and represents that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said inventor has executed and delivered this instrument to said Assignee this

15<sup>th</sup> day of MARCH, 2020

(1) [Signature]  
(Inventor Signature)

State of CALIFORNIA

County of \_\_\_\_\_

On \_\_\_\_\_ before me, \_\_\_\_\_

personally appeared RICHARD J. BLACK,  
(1) Printed Inventor Name

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.

\_\_\_\_\_  
(Notary Public)

-----  
IN WITNESS WHEREOF, the said inventor has executed and delivered this instrument to said Assignee this

\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_

(2) \_\_\_\_\_  
(Inventor Signature)

State of \_\_\_\_\_

County of \_\_\_\_\_

On \_\_\_\_\_ before me, \_\_\_\_\_

personally appeared \_\_\_\_\_,  
(2) Printed Inventor Name

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.

\_\_\_\_\_  
(Notary Public)

IN WITNESS WHEREOF, the said inventor has executed and delivered this instrument to said Assignee this

\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_

(1) \_\_\_\_\_  
(Inventor Signature)

State of \_\_\_\_\_

County of \_\_\_\_\_

On \_\_\_\_\_ before me, \_\_\_\_\_

personally appeared \_\_\_\_\_,  
(1) Printed Inventor Name

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.

\_\_\_\_\_  
(Notary Public)

-----  
IN WITNESS WHEREOF, the said inventor has executed and delivered this instrument to said Assignee this

6th day of Jan, 2018

(2) \_\_\_\_\_  
(Inventor Signature)

State of California

County of San Diego

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document, to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

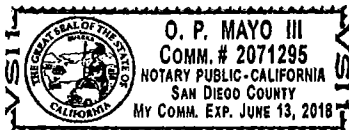
On Jan. 6, 2018 before me, O.P. Mayo III, Notary Public

personally appeared Joannes M. Costa,  
(2) Printed Inventor Name

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.

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WITNESS my hand and official seal.

[Signature]  
(Notary Public)



Assignment under 37 CFR 3.31

IN WITNESS WHEREOF, the said inventor has executed and delivered this instrument to said Assignee this

17<sup>th</sup> day of December, 2018

(3) Behzad Moslehi

State of CALIFORNIA

County of SANTA CLARA

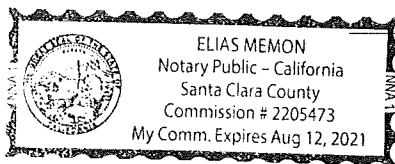
(Inventor Signature) Notary Public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document

On 12/17/2018 before me, ELIAS MEMON, NOTARY PUBLIC,

personally appeared BEHZAD MOSLEHI,  
(3) Printed Inventor Name

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.



Elias memon

(Notary Public)

IN WITNESS WHEREOF, the said inventor has executed and delivered this instrument to said Assignee this

\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_

(4) \_\_\_\_\_

(Inventor Signature)

State of \_\_\_\_\_

County of \_\_\_\_\_

On \_\_\_\_\_ before me, \_\_\_\_\_

personally appeared \_\_\_\_\_,

(4) Printed Inventor Name

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.

\_\_\_\_\_  
(Notary Public)

IN WITNESS WHEREOF, the said inventor has executed and delivered this instrument to said Assignee this

\_\_\_\_ day of \_\_\_\_\_,

(3) \_\_\_\_\_  
(Inventor Signature)

State of \_\_\_\_\_

County of \_\_\_\_\_

On \_\_\_\_\_ before me, \_\_\_\_\_

personally appeared \_\_\_\_\_  
(3) Printed Inventor Name

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.

\_\_\_\_\_  
(Notary Public)

IN WITNESS WHEREOF, the said inventor has executed and delivered this instrument to said Assignee this

16<sup>th</sup> day of Nov. 2017

(4) \_\_\_\_\_  
(Inventor Signature)

State of CA

County of LA

On \_\_\_\_\_ before me, \_\_\_\_\_

personally appeared \_\_\_\_\_  
(4) Printed Inventor Name

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.

please seal CA  
\_\_\_\_\_  
(Notary Public)

ACK. (24)  
11/16/17  
ALC

**CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT**

**CIVIL CODE § 1189**

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

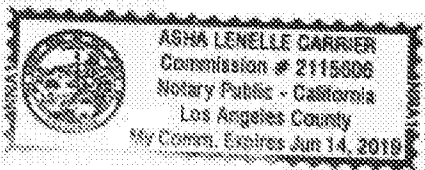
State of California )  
County of Los Angeles )

On November 16, 2017 before me, Asha Lenelle Carrier, Notary Public,  
Date Here Insert Name and Title of the Officer  
personally appeared Fereydoun Faridian  
Name(s) of Signer(s)

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.  
Signature [Signature]  
Signature of Notary Public



Place Notary Seal Above

**OPTIONAL**

Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

**Description of Attached Document**  
Title or Type of Document: X Document Date: 11/16/2017  
Number of Pages: X Signer(s) Other Than Named Above: X  
**Capacity(ies) Claimed by Signer(s)**  
Signer's Name: Fereydoun Faridian Signer's Name: X  
 Corporate Officer -- Title(s): \_\_\_\_\_  Corporate Officer -- Title(s): \_\_\_\_\_  
 Partner --  Limited  General  Partner --  Limited  General  
 Individual  Attorney in Fact  Individual  Attorney in Fact  
 Trustee  Guardian or Conservator  Trustee  Guardian or Conservator  
 Other: \_\_\_\_\_  Other: \_\_\_\_\_  
Signer Is Representing: \_\_\_\_\_ Signer Is Representing: \_\_\_\_\_

IN WITNESS WHEREOF, the said inventor has executed and delivered this instrument to said Assignee this

17 day of Dec. 2018

(5) *[Handwritten Signature]*  
(Inventor Signature)

State of CALIFORNIA

County of SANTA CLARA

A Notary Public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document

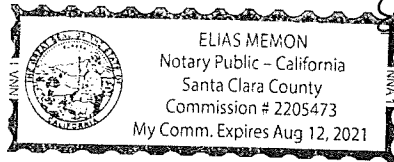
On 12/17/2018 before me, ELIAS MEMON, NOTARY PUBLIC,

personally appeared LEVY M. OBLEA  
(5) Printed Inventor Name

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.



*[Handwritten Signature]*

(Notary Public)

IN WITNESS WHEREOF, the said inventor has executed and delivered this instrument to said Assignee this

\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_

(6) \_\_\_\_\_  
(Inventor Signature)

State of \_\_\_\_\_

County of \_\_\_\_\_

On \_\_\_\_\_ before me, \_\_\_\_\_

personally appeared \_\_\_\_\_  
(6) Printed Inventor Name

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.

\_\_\_\_\_  
(Notary Public)

IN WITNESS WHEREOF, the said inventor has executed and delivered this instrument to said Assignee this

\_\_\_\_\_ day of \_\_\_\_\_,

(5) \_\_\_\_\_  
(Inventor Signature)

State of \_\_\_\_\_

County of \_\_\_\_\_

On \_\_\_\_\_ before me, \_\_\_\_\_

personally appeared \_\_\_\_\_  
(5) Printed Inventor Name

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.

\_\_\_\_\_  
(Notary Public)

IN WITNESS WHEREOF, the said inventor has executed and delivered this instrument to said Assignee this

20 day of December 2018

(6) \_\_\_\_\_  
(Inventor Signature)

State of California

County of Santa Clara

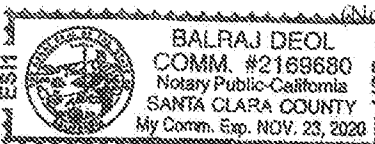
On Dec. 20, 2018 before me, Balraj Deol, Notary Public

personally appeared Vahid Gotoodeh  
(6) Printed Inventor Name

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.

\_\_\_\_\_  
(Notary Public)



Assignment under 37 CFR 3.31

Balraj Deol  
provided acknowledgment  
to all PATENT



# CALIFORNIA ALL-PURPOSE CERTIFICATE OF ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California }  
 County of Santa Clara }

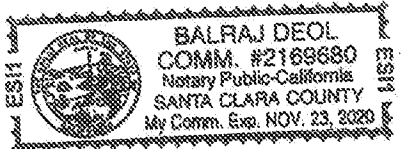
On Dec. 20, 2018 before me, Balraj Deol, Notary Public  
(Here insert name and title of the officer)

personally appeared Vahid Sotoudeh  
 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.

Balraj Deol  
 Notary Public Signature (Notary Public Seal)



### ADDITIONAL OPTIONAL INFORMATION

DESCRIPTION OF THE ATTACHED DOCUMENT  
Inventor Signature  
(Title or description of attached document)

(Title or description of attached document continued)

Number of Pages \_\_\_\_\_ Document Date \_\_\_\_\_

### CAPACITY CLAIMED BY THE SIGNER

Individual (s)  
 Corporate Officer  
 \_\_\_\_\_  
(Title)

Partner(s)  
 Attorney-in-Fact  
 Trustee(s)  
 Other \_\_\_\_\_

### INSTRUCTIONS FOR COMPLETING THIS FORM

- This form complies with current California statutes regarding notary wording and, if needed, should be completed and attached to the document. Acknowledgments from other states may be completed for documents being sent to that state so long as the wording does not require the California notary to violate California notary law.*
- State and County information must be the State and County where the document signer(s) personally appeared before the notary public for acknowledgment.
  - Date of notarization must be the date that the signer(s) personally appeared which must also be the same date the acknowledgment is completed.
  - The notary public must print his or her name as it appears within his or her commission followed by a comma and then your title (notary public).
  - Print the name(s) of document signer(s) who personally appear at the time of notarization.
  - Indicate the correct singular or plural forms by crossing off incorrect forms (i.e. he/she/they, is /are ) or circling the correct forms. Failure to correctly indicate this information may lead to rejection of document recording.
  - The notary seal impression must be clear and photographically reproducible. Impression must not cover text or lines. If seal impression smudges, re-seal if a sufficient area permits, otherwise complete a different acknowledgment form.
  - Signature of the notary public must match the signature on file with the office of the county clerk.
    - ✦ Additional information is not required but could help to ensure this acknowledgment is not misused or attached to a different document.
    - ✦ Indicate title or type of attached document, number of pages and date.
    - ✦ Indicate the capacity claimed by the signer. If the claimed capacity is a corporate officer, indicate the title (i.e. CEO, CFO, Secretary).
  - Securely attach this document to the signed document with a staple.

2015 Version www.NotaryClasses.com 800-873-9888