

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT3304849

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
RYAN WHITE	04/06/2015
YUAN CHENG	04/07/2015
ANA ELENA MINATTI	04/07/2015
BRYANT YANG	04/07/2015
XIAO MEI ZHENG	04/06/2015
PATRICIA LOPEZ	04/09/2015
JASON B. HUMAN	04/06/2015
OLEG EPSTEIN	04/06/2015
TED JUDD	04/07/2015
KELVIN SHAM	04/07/2015
QIUFEN XUE	04/07/2015

**RECEIVING PARTY DATA**

<b>Name:</b>	AMGEN INC.
<b>Street Address:</b>	ONE AMGEN CENTER DR.
<b>City:</b>	THOUSAND OAKS
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	91320

**PROPERTY NUMBERS Total: 1**

Property Type	Number
<b>Application Number:</b>	14346252

**CORRESPONDENCE DATA****Fax Number:** (805)499-8011*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.***Phone:** 805-447-7926**Email:** podgorny@amgen.com**Correspondent Name:** AMGEN INC.**Address Line 1:** ONE AMGEN CENTER DR.**Address Line 2:** PATENT OPERATIONS MS 28-2-C**Address Line 4:** THOUSAND OAKS, CALIFORNIA 91320

PATENT

<b>ATTORNEY DOCKET NUMBER:</b>	A-1669-US-PCT
<b>NAME OF SUBMITTER:</b>	KAREN PODGORNYY
<b>SIGNATURE:</b>	/Karen Podgorny/
<b>DATE SIGNED:</b>	04/09/2015

**Total Attachments: 26**

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ASSIGNMENT

Whereas, I/we, Ryan WHITE, 34 Willow Avenue, Unit 1, Somerville, MA 02144 US  
Yuan CHENG, 5329 Via Jacinto, Newbury Park, CA 91320 US  
Ana Elena MINATTI, 2219 3rd Street Unit 6, Santa Monica, CA 90405 US  
Bryant YANG, 5454 Luis Drive, Agoura Hills, CA 91301 US  
Xiao Mei ZHENG, 19 Allison Way, Natick, MA 01760 US  
Patricia LOPEZ, 5614 Le Sage Ave., Woodland Hills, CA 91367 US  
Jason B. HUMAN, 944 Dorchester Avenue, Unit 19, Boston, MA 02125 US  
Oleg EPSTEIN, 44 Trowbridge Street, Belmont, MA 02478 US  
Ted JUDD, 17179 Braxton Street, Granada Hills, CA 91344 US  
Kelvin SHAM, 3111 La Casa Court, Thousand Oaks, CA 91362 US  
Qiu fen XUE, 5018 Via Mesita, Newbury Park, CA 91320 US

(hereinafter referred to as ASSIGNOR), have made an invention which is the subject of an application for Letters Patent of the United States; and/or is the subject of a provisional application; and/or is the subject of an international application; and/or is the subject of other patent application(s) in other jurisdictions worldwide ("Application") entitled

AMINO-OXAZINE AND AMINO-DIHYDROTHIAZINE COMPOUNDS AS BETA-SECRETASE MODULATORS AND METHODS OF USE

which is found in:

- US Application Serial No. 14/346,252; which is the US national stage entry of International Application No. PCT/US2012/056658 filed 21 Sep 2012; which claims the benefit of U.S. Provisional Application No. 61/537,461 filed 21 Sep 2011.

Whereas AMGEN INC., a Delaware corporation having its principal place of business at One Amgen Center Drive, Thousand Oaks, California 91320-1799 wishes to acquire the entire right, title, and interest in all inventions disclosed in such Application;

Now, therefore, in consideration of the sum of one dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby sells, assigns, transfers and sets over unto AMGEN INC., its successors and assigns (collectively "ASSIGNEE") ASSIGNOR'S entire right, title and interest in, to and under the Application, and any provisional application(s) from which Application is derived, and all priority rights to which the Application may be entitled, including all priority rights for other countries arising therefrom, all inventions therein disclosed, and any and all Letters Patent of the United States and of all

other countries which may be granted for such inventions, or any of them, including divisional, continuation, continuation-in-part, substitute, reissue, and/or reexamination applications based on the above identified Application, all such inventions and all rights in such Application and Letters Patent to be held and enjoyed by ASSIGNEE for its own use and enjoyment to the full end of the term or terms for which such Letters Patent may be granted, and any extensions thereof, as fully and entirely as the same would have been held and enjoyed by ASSIGNOR had this assignment and sale not been made.

Further, ASSIGNOR hereby sells, assigns, transfers, and sets over unto ASSIGNEE ASSIGNOR'S entire right, title and interest in or to the right to refer to, to access, and to control microorganism(s) or other biological material(s) related to the Application and which are deposited by ASSIGNOR or at ASSIGNOR'S direction or deposited on ASSIGNOR'S behalf by ASSIGNEE, its affiliates, employees, or employees of its affiliates. The transfer of such right, title and interest includes, without limitation, ASSIGNOR'S unreserved and irrevocable consent and authorization to ASSIGNEE to refer to the deposited microorganism(s) or other biological material(s) in the Application and the right to make available to the public the deposited material in accordance with the laws, treaties, statutes, rules, regulations and the like of the United States, all other countries, and any patent granting authority or organization.

ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States and any foreign Patent Office authority to issue any such Letters Patent which may be granted on the Application to ASSIGNEE as assignee of the entire right, title and interest therein and thereto.

For ASSIGNOR and for ASSIGNOR'S legal representatives, ASSIGNOR covenants and agrees with ASSIGNEE that ASSIGNOR has not granted to any others any license to make, use or sell any of such inventions, that ASSIGNOR'S right, title and interest in such inventions has not been encumbered, that ASSIGNOR has good right and title to sell and assign the same, and that ASSIGNOR will not execute any instrument in conflict herewith.

For ASSIGNOR and for ASSIGNOR'S heirs, successors and legal representatives, ASSIGNOR further covenants and agrees with ASSIGNEE that upon request ASSIGNOR and ASSIGNOR'S heirs, successors and legal representatives will: (i) execute continuing, divisional, substitute, reexamination, and/or reissue applications, amended specifications, or rightful declarations or oaths; (ii) communicate to ASSIGNEE any facts known to ASSIGNOR or ASSIGNOR'S heirs, successors and legal representatives relating to such inventions or the history thereof; (iii) execute preliminary statements and testify in any interference proceedings or litigation; (iv) execute and deliver any application papers, assignments, or other instruments; and (v) do all other acts which, in the opinion of counsel for ASSIGNEE, may be necessary or desirable to secure the grant of Letters Patent to ASSIGNEE or its nominees, in the United States and in all other countries where ASSIGNEE may desire to have such inventions, or any of them, patented, with specifications and claims in such form as shall be approved by counsel for ASSIGNEE and to vest and confirm in ASSIGNEE or its nominees the full and complete legal and equitable title to all such Letters Patent, without further consideration than that now paid at the expense of ASSIGNEE.

In Witness Whereof I have executed this assignment on \_\_\_\_\_ 20\_\_\_\_\_,  
(Month, Day) (Year)

\_\_\_\_\_  
Ryan WHITE  
(Name of Inventor)

\_\_\_\_\_  
(Signature of Inventor)

**COMMONWEALTH OF MASSACHUSETTS**

County of \_\_\_\_\_ ss.

On this the \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, before me,  
Day Month Year

\_\_\_\_\_, the undersigned Notary Public,  
Name of Notary Public

personally appeared \_\_\_\_\_  
Name(s) of Signer(s)

proved to me through satisfactory evidence of identity, which was/were \_\_\_\_\_

\_\_\_\_\_, to be the person(s)  
Description of Evidence of Identity

whose name(s) is/are signed on the preceding or attached document, and acknowledged to me  
that he/she/they signed it voluntarily for its stated purpose.

\_\_\_\_\_  
Signature of Notary Public

\_\_\_\_\_  
Printed Name of Notary Public

My Commission Expires: \_\_\_\_\_

In Witness Whereof I have executed this assignment on April 7th 2015  
(Month, Day) (Year)

Yuan CHENG  
(Name of Inventor)

[Signature]  
(Signature of Inventor)

UNITED STATES OF AMERICA

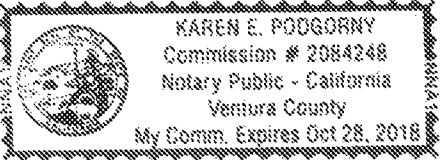
A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that.

State of California }  
County of Ventura }

On April 7th, 2015 before me, Karen E. Podgorny  
Notary Public, personally appeared

Yuan Cheng

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.

Place Notary Seal Above

Signature: [Signature]

In Witness Whereof I have executed this assignment on April 7 2015  
(Month, Day) (Year)

Ana Elena MINATTI  
(Name of Inventor)

[Signature]  
(Signature of Inventor)

UNITED STATES OF AMERICA

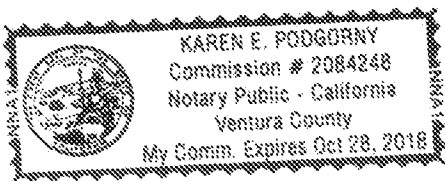
A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that.

State of California }  
County of Ventura }

On April 7, 2015 before me, Karen E. Podgorny

Notary Public, personally appeared  
Ana Elena Minatti

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]

Place Notary Seal Above

In Witness Whereof I have executed this assignment on April 7 2015  
(Month, Day) (Year)

Bryant YANG  
(Name of Inventor)

Bryant Yang  
(Signature of Inventor)

UNITED STATES OF AMERICA

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.

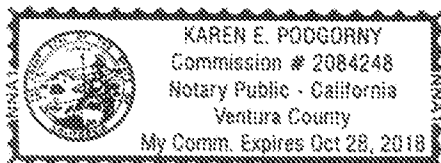
State of California

County of Ventura }

On April 7, 2015 before me, Karen E. Podgorny,  
Notary Public, personally appeared

Bryant Yang

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: Karen E. Podgorny

Place Notary Seal Above



In Witness Whereof I have executed this assignment on \_\_\_\_\_ 20\_\_\_\_\_,  
(Month, Day) (Year)

\_\_\_\_\_  
Xiao Mei ZHENG  
(Name of Inventor)

\_\_\_\_\_  
(Signature of Inventor)

**COMMONWEALTH OF MASSACHUSETTS**

County of \_\_\_\_\_ ss.

On this the \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, before me,  
Day Month Year

\_\_\_\_\_, the undersigned Notary Public,  
Name of Notary Public

personally appeared \_\_\_\_\_  
Name(s) of Signer(s)

proved to me through satisfactory evidence of identity, which was/were \_\_\_\_\_

\_\_\_\_\_, to be the person(s)  
Description of Evidence of Identity

whose name(s) is/are signed on the preceding or attached document, and acknowledged to me  
that he/she/they signed it voluntarily for its stated purpose.

\_\_\_\_\_  
Signature of Notary Public

\_\_\_\_\_  
Printed Name of Notary Public

My Commission Expires: \_\_\_\_\_

In Witness Whereof I have executed this assignment on April 9<sup>th</sup> 2015  
(Month, Day) (Year)

Patricia LOPEZ  
(Name of Inventor)

Patricia Lopez  
(Signature of Inventor)

UNITED STATES OF AMERICA

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State of California }  
County of Ventura }

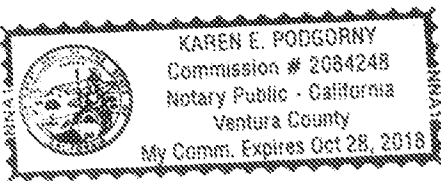
On April 9, 2015 before me, Karen E. Podgorny

Notary Public, personally appeared  
Patricia Lopez

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.



Place Notary Seal Above

Signature: Karen E. Podgorny

In Witness Whereof I have executed this assignment on \_\_\_\_\_ 20\_\_\_\_\_.  
(Month, Day) (Year)

Jason B. HUMAN  
\_\_\_\_\_  
(Name of Inventor)

\_\_\_\_\_  
(Signature of Inventor)

**COMMONWEALTH OF MASSACHUSETTS**

County of \_\_\_\_\_ ss.

On this the \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, before me,  
Day Month Year

\_\_\_\_\_, the undersigned Notary Public,  
Name of Notary Public

personally appeared \_\_\_\_\_  
Name(s) of Signer(s)

proved to me through satisfactory evidence of identity, which was/were \_\_\_\_\_

\_\_\_\_\_, to be the person(s)  
Description of Evidence of Identity

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that he/she/they signed it voluntarily for its stated purpose.

\_\_\_\_\_  
Signature of Notary Public

\_\_\_\_\_  
Printed Name of Notary Public

My Commission Expires: \_\_\_\_\_

In Witness Whereof I have executed this assignment on \_\_\_\_\_ 20\_\_\_\_\_.  
(Month, Day) (Year)

\_\_\_\_\_  
Oleg EPSTEIN  
(Name of Inventor)

\_\_\_\_\_  
(Signature of Inventor)

**COMMONWEALTH OF MASSACHUSETTS**

County of \_\_\_\_\_ ss.

On this the \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, before me,  
Day Month Year

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that he/she/they signed it voluntarily for its stated purpose.

\_\_\_\_\_  
Signature of Notary Public

\_\_\_\_\_  
Printed Name of Notary Public

My Commission Expires: \_\_\_\_\_

In Witness Whereof I have executed this assignment on 4, 7 20 15  
(Month, Day) (Year)

Ted JUDD  
(Name of Inventor)

[Signature]  
(Signature of Inventor)

UNITED STATES OF AMERICA

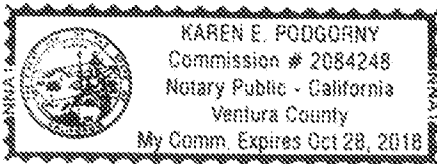
A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that.

State of California }  
County of Ventura }

On April 7, 2015 before me, Karen E. Podgorny

Notary Public, personally appeared  
Ted Judd

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: Karen E. Podgorny

Place Notary Seal Above

In Witness Whereof I have executed this assignment on April 7 2015  
(Month, Day) (Year)

Kelvin SHAM  
(Name of Inventor)

[Signature]  
(Signature of Inventor)

UNITED STATES OF AMERICA

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State of California }  
County of Ventura }

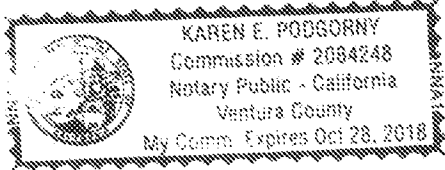
On April 7, 2015 before me, Karen E. Podgorny,  
Notary Public, personally appeared  
Kelvin Sham

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: [Signature]



Place Notary Seal Above

In Witness Whereof I have executed this assignment on 04/07 2015  
(Month, Day) (Year)

Qiufen XUE  
(Name of Inventor)

[Signature]  
(Signature of Inventor)

UNITED STATES OF AMERICA

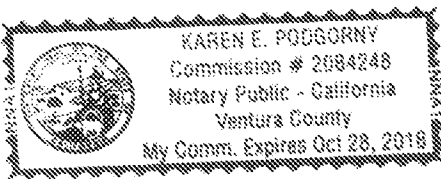
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State of California }  
County of Ventura }

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Notary Public, personally appeared  
Qiufen Xue

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ASSIGNMENT

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(hereinafter referred to as ASSIGNOR), have made an invention which is the subject of an application for Letters Patent of the United States; and/or is the subject of a provisional application; and/or is the subject of an international application; and/or is the subject of other patent application(s) in other jurisdictions worldwide ("Application") entitled

AMINO-OXAZINE AND AMINO-DIHYDROTHIAZINE COMPOUNDS AS BETA-SECRETASE MODULATORS AND METHODS OF USE

which is found in:

- US Application Serial No. 14/346,252; which is the US national stage entry of International Application No. PCT/US2012/056658 filed 21 Sep 2012; which claims the benefit of U.S. Provisional Application No. 61/537,461 filed 21 Sep 2011.

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other countries which may be granted for such inventions, or any of them, including divisional, continuation, continuation-in-part, substitute, reissue, and/or reexamination applications based on the above identified Application, all such inventions and all rights in such Application and Letters Patent to be held and enjoyed by ASSIGNEE for its own use and enjoyment to the full end of the term or terms for which such Letters Patent may be granted, and any extensions thereof, as fully and entirely as the same would have been held and enjoyed by ASSIGNOR had this assignment and sale not been made.

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ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States and any foreign Patent Office authority to issue any such Letters Patent which may be granted on the Application to ASSIGNEE as assignee of the entire right, title and interest therein and thereto.

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In Witness Whereof I have executed this assignment on April 6 2015.  
(Month, Day) (Year)

Ryan WHITE  
(Name of Inventor) [Signature]  
(Signature of Inventor)

COMMONWEALTH OF MASSACHUSETTS

County of Worcester ss.

On this the 6<sup>th</sup> day of April, 2015, before me,  
Day Month Year

Laurie A. McBride, the undersigned Notary Public,  
Name of Notary Public

personally appeared Ryan White  
Name(s) of Signer(s)

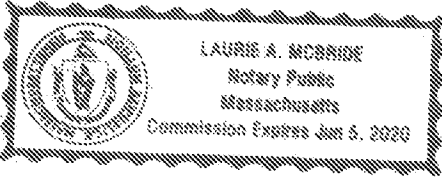
proved to me through satisfactory evidence of identity, which was/were \_\_\_\_\_

MA drivers license, to be the person(s)  
Description of Evidence of Identity

whose name(s) is/are signed on the preceding or attached document, and acknowledged to me  
that he/she/they signed it voluntarily for its stated purpose.

[Signature]  
Signature of Notary Public

Laurie A. McBride  
Printed Name of Notary Public



My Commission Expires: June 5, 2020

In Witness Whereof I have executed this assignment on \_\_\_\_\_ 20\_\_\_\_\_.  
(Month, Day) (Year)

\_\_\_\_\_  
Yuan CHENG  
(Name of Inventor)

\_\_\_\_\_  
(Signature of Inventor)

UNITED STATES OF AMERICA

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.

State of California  
County of \_\_\_\_\_ }  
}

On \_\_\_\_\_ before me, \_\_\_\_\_  
Notary Public, personally appeared

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: \_\_\_\_\_

Place Notary Seal Above

In Witness Whereof I have executed this assignment on \_\_\_\_\_ 20\_\_\_\_\_.  
(Month, Day) (Year)

\_\_\_\_\_  
Ana Elena MINATTI  
(Name of Inventor)

\_\_\_\_\_  
(Signature of Inventor)

UNITED STATES OF AMERICA

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State of California }  
County of \_\_\_\_\_ }

On \_\_\_\_\_ before me, \_\_\_\_\_  
Notary Public, personally appeared

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: \_\_\_\_\_

Place Notary Seal Above

In Witness Whereof I have executed this assignment on \_\_\_\_\_ 20\_\_\_\_\_,  
(Month, Day) (Year)

\_\_\_\_\_  
Bryant YANG  
(Name of Inventor)

\_\_\_\_\_  
(Signature of Inventor)

UNITED STATES OF AMERICA

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State of California }  
County of \_\_\_\_\_ }

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

Notary Public, personally appeared

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: \_\_\_\_\_

Place Notary Seal Above

In Witness Whereof I have executed this assignment on April 6 2015.  
(Month, Day) (Year)

Xiao Mei ZHENG  
(Name of Inventor)

[Signature]  
(Signature of Inventor)

COMMONWEALTH OF MASSACHUSETTS

County of Middlesex ss.

On this the 6<sup>th</sup> day of April, 2015, before me,

Laura A. McBride, the undersigned Notary Public,  
Name of Notary Public

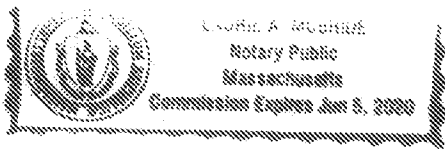
personally appeared Xiao Mei Zheng  
Name(s) of Signer(s)

proved to me through satisfactory evidence of identity, which was/were \_\_\_\_\_  
MA driver's license, to be the person(s)  
Description of Evidence of Identity

whose name(s) is/are signed on the preceding or attached document, and acknowledged to me  
that he/she/they signed it voluntarily for its stated purpose.

[Signature]  
Signature of Notary Public

Laura A. McBride  
Printed Name of Notary Public



My Commission Expires: Jun 5, 2020

In Witness Whereof I have executed this assignment on \_\_\_\_\_ 20\_\_\_\_\_,  
(Month, Day) (Year)

\_\_\_\_\_  
Patricia LOPEZ  
(Name of Inventor)

\_\_\_\_\_  
(Signature of Inventor)

UNITED STATES OF AMERICA

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State of California }  
County of \_\_\_\_\_ }

On \_\_\_\_\_ before me, \_\_\_\_\_  
Notary Public, personally appeared

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: \_\_\_\_\_

Place Notary Seal Above

In Witness Whereof I have executed this assignment on April 6 2015.  
(Month, Day) (Year)

Jason B. HUMAN  
(Name of Inventor)

[Signature]  
(Signature of Inventor)

COMMONWEALTH OF MASSACHUSETTS

County of Norfolk ss.

On this the 6<sup>th</sup> day of April, 2015, before me,

Laurie A. McBride, the undersigned Notary Public,  
Name of Notary Public

personally appeared Jason B. Human  
Name(s) of Signer(s)

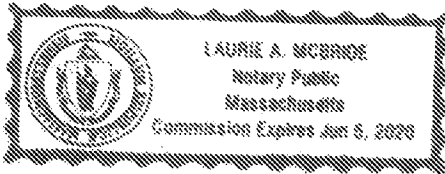
proved to me through satisfactory evidence of identity, which was/were

MA driver's license, to be the person(s)  
Description of Evidence of Identity

whose name(s) is/are signed on the preceding or attached document, and acknowledged to me that he/she/they signed it voluntarily for its stated purpose.

[Signature]  
Signature of Notary Public

Laurie A. McBride  
Printed Name of Notary Public



My Commission Expires: Jun 8, 2020



In Witness Whereof I have executed this assignment on April 6 2015  
(Month, Day) (Year)

Oleg EPSTEIN  
(Name of Inventor) [Signature]  
(Signature of Inventor)

COMMONWEALTH OF MASSACHUSETTS

County of Middlesex ss.

On this the 6<sup>th</sup> day of April, 2015, before me,

Laurie A. McBride, the undersigned Notary Public,  
Name of Notary Public

personally appeared Oleg Epstein  
Name(s) of Signer(s)

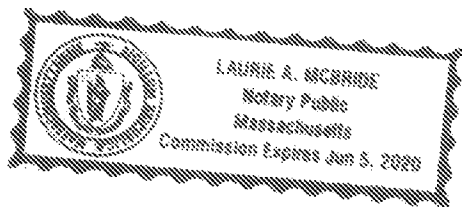
proved to me through satisfactory evidence of identity, which was/were \_\_\_\_\_

MA Drivers License, to be the person(s)  
Description of Evidence of Identity

whose name(s) is/are signed on the preceding or attached document, and acknowledged to me that he/she/they signed it voluntarily for its stated purpose.

[Signature]  
Signature of Notary Public

Laurie A. McBride  
Printed Name of Notary Public



My Commission Expires: Jun 5, 2020

In Witness Whereof I have executed this assignment on \_\_\_\_\_ 20\_\_\_\_\_,  
(Month, Day) (Year)

\_\_\_\_\_  
Ted JUDD  
\_\_\_\_\_  
(Name of Inventor)

\_\_\_\_\_  
(Signature of Inventor)

UNITED STATES OF AMERICA

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State of California }  
County of \_\_\_\_\_ }

On \_\_\_\_\_ before me, \_\_\_\_\_  
Notary Public, personally appeared

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: \_\_\_\_\_

Place Notary Seal Above

In Witness Whereof I have executed this assignment on \_\_\_\_\_ 20\_\_\_\_\_.  
(Month, Day) (Year)

\_\_\_\_\_  
Kelvin SHAM  
\_\_\_\_\_  
(Name of Inventor)

\_\_\_\_\_  
(Signature of Inventor)

UNITED STATES OF AMERICA

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State of California }  
County of \_\_\_\_\_ }

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

Notary Public, personally appeared

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: \_\_\_\_\_

Place Notary Seal Above

In Witness Whereof I have executed this assignment on \_\_\_\_\_ 20\_\_\_\_\_,  
(Month, Day) (Year)

Qiufen XUE  
\_\_\_\_\_  
(Name of Inventor)

\_\_\_\_\_  
(Signature of Inventor)

UNITED STATES OF AMERICA

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State of California }  
County of \_\_\_\_\_ }

On \_\_\_\_\_ before me, \_\_\_\_\_  
Notary Public, personally appeared

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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Signature: \_\_\_\_\_

Place Notary Seal Above