

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3140906

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JEONGHOON SUN	11/03/2014
SEOG JOON HAN	10/31/2014
SUSIE M. HARRIS	10/31/2014
RANDAL R. KETCHEM	10/28/2014
JI LU	10/31/2014
MARK L. MICHAELS	10/29/2014
MARC W. RETTER	11/03/2014
MEI-MEI TSAI	10/31/2014
RECEIVING PARTY DATA	
Name:	AMGEN INC.
Street Address:	ONE AMGEN CENTER DRIVE
City:	THOUSAND OAKS
State/Country:	CALIFORNIA
Postal Code:	91320-1799
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14367183
CORRESPONDENCE DATA	
Fax Number:	(206)233-0644
<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>	
Phone:	206-265-7817
Email:	prindlek@amgen.com
Correspondent Name:	KATHLEEN F. PRINDLE
Address Line 1:	1201 AMGEN COURT WEST
Address Line 2:	LAW DEPARTMENT
Address Line 4:	SEATTLE, WASHINGTON 98119-3105
ATTORNEY DOCKET NUMBER:	A-1688-US-PCT
NAME OF SUBMITTER:	KATHLEEN F. PRINDLE
SIGNATURE:	/Kathleen F. Prindle/

PATENT

DATE SIGNED:	12/10/2014
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Total Attachments: 40

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ASSIGNMENT

Whereas, I/we, Jeonghoon Sun, 4992 35th Street, San Diego, California, USA 92116

Seog Joon Han, 2645 Fallcreek Court, Simi Valley, California, USA 93063

Susie M. Harris, 197 Los Vientos Dr., Newbury Park, California, USA 91320

Randal R. Ketchem, 6332 152nd Street SE, Snohomish, Washington USA
98296

Ji Lu, 1874 Brush Oak Court, Thousand Oaks, California, USA 91320

Mark L. Michaels, 5007 Texhoma Avenue, Encino, California, USA 91316

Marc W. Retter, 316 Canyon Crest Drive, Simi Valley, California, USA 93065

Mei-Mei Tsai, 87 East Gainsborough Road, Thousand Oaks, California, USA
91360

(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

**VARIANT Fc-POLYPEPTIDES WITH ENHANCED BINDING TO THE NEONATAL Fc
RECEPTOR**

which is found in:

- ☒ US Application Serial No. 14/367,183; which is the US national stage entry of International Application No. PCT/US12/70146 filed December 17, 2012; which claims the benefit of U.S. Provisional Application Nos. 61/578,780 filed December 21, 2011; 61/585,993 filed January 12, 2012; and 61/729,050 filed November 21, 2012.

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 Nov. 3 2014.
(Month, Day) (Year)

Jeonghoon Sun
(Name of Inventor)

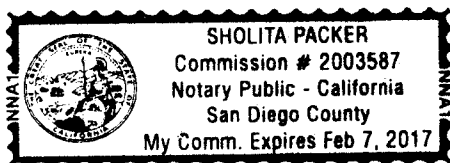
Jeonghoon Sun
(Signature of Inventor)

UNITED STATES OF AMERICA

State of California }
County of SAN DIEGO }

On NOVEMBER 3, 2014 before me, SHOLITA PACKER,
Notary Public, personally appeared

Jeonghoon Sun



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: *Sholita Packer*

Place Notary Seal Above

In Witness Whereof I have executed this assignment on _____ 2014.
(Month, Day) (Year)

Seog Joon Han
(Name of Inventor)

(Signature of Inventor)

UNITED STATES OF AMERICA

State of California }
County of Ventura }

On _____ before me, _____,
Notary Public, personally appeared

Seog Joon Han

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: _____

In Witness Whereof I have executed this assignment on _____ 2014.
(Month, Day) (Year)

Susie M. Harris
(Name of Inventor) (Signature of Inventor)

UNITED STATES OF AMERICA

State of California }
County of Ventura }

On _____ before me, _____,
Notary Public, personally appeared

Susie M. Harris

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: _____

In Witness Whereof I have executed this assignment on _____ 2014.
(Month, Day) (Year)

Randal R. Ketchem
(Name of Inventor) (Signature of Inventor)

UNITED STATES OF AMERICA

State of Washington }
County of King } ss:

On _____ before me, a Notary Public in and for the State of Washington,
personally appeared

Randal R. Ketchem

I certify that I know or have satisfactory evidence that
Randal R. Ketchem is the person who appeared before me,
and said person acknowledged that (he/she) signed this
instrument and acknowledged it to be (his/her) free and
voluntary act for the uses and purposes mentioned in the
instrument.

WITNESS my hand and official seal.

Notary Public

My commission expires

20

In Witness Whereof I have executed this assignment on _____ 2014.
(Month, Day) (Year)

Ji Lu
(Name of Inventor) (Signature of Inventor)

UNITED STATES OF AMERICA

State of California }
County of Ventura }

On _____ before me, _____,
Notary Public, personally appeared

Ji Lu

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: _____

In Witness Whereof I have executed this assignment on _____ 2014.
(Month, Day) (Year)

Mark L. Michaels
(Name of Inventor) (Signature of Inventor)

UNITED STATES OF AMERICA

State of California }
County of Ventura }

On _____ before me, _____,
Notary Public, personally appeared

Mark L. Michaels

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: _____

In Witness Whereof I have executed this assignment on _____ 2014.
(Month, Day) (Year)

Marc W. Retter
(Name of Inventor) (Signature of Inventor)

UNITED STATES OF AMERICA

State of California }
County of _____ }

On _____ before me, _____,
Notary Public, personally appeared

Marc W. Retter

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: _____

In Witness Whereof I have executed this assignment on _____ 2014.
(Month, Day) (Year)

Mei-Mei Tsai
(Name of Inventor)

(Signature of Inventor)

UNITED STATES OF AMERICA

State of California }
County of Ventura }

On _____ before me, _____,
Notary Public, personally appeared

Mei-Mei Tsai

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.

Place Notary Seal Above

Signature: _____

ASSIGNMENT

Whereas, I/we, Jeonghoon Sun, 4992 35th Street, San Diego, California, USA 92116

Seog Joon Han, 2645 Fallcreek Court, Simi Valley, California, USA 93063

Susie M. Harris, 197 Los Vientos Dr., Newbury Park, California, USA 91320

Randal R. Ketchem, 6332 152nd Street SE, Snohomish, Washington USA
98296

Ji Lu, 1874 Brush Oak Court, Thousand Oaks, California, USA 91320

Mark L. Michaels, 5007 Texhoma Avenue, Encino, California, USA 91316

Marc W. Retter, 316 Canyon Crest Drive, Simi Valley, California, USA 93065

Mei-Mei Tsai, 87 East Gainsborough Road, Thousand Oaks, California, USA
91360

(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

**VARIANT Fc-POLYPEPTIDES WITH ENHANCED BINDING TO THE NEONATAL Fc
RECEPTOR**

which is found in:

- ☑ US Application Serial No. 14/367,183; which is the US national stage entry of International Application No. PCT/US12/70146 filed December 17, 2012; which claims the benefit of U.S. Provisional Application Nos. 61/578,780 filed December 21, 2011; 61/585,993 filed January 12, 2012; and 61/729,050 filed November 21, 2012.

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 _____ 2014.
(Month, Day) (Year)

Jeonghoon Sun
(Name of Inventor)

(Signature of Inventor)

UNITED STATES OF AMERICA

State of California }
County of _____ }

On _____ before me, _____,
Notary Public, personally appeared

Jeonghoon Sun

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 10-31-14 2014.
(Month, Day) (Year)

Seog Joon Han
(Name of Inventor)

Seog Joon Han
(Signature of Inventor)

UNITED STATES OF AMERICA

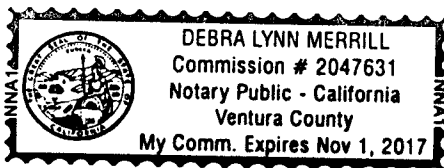
State of California

County of Ventura

On October 31, 2014 before me, Debra Lynn Merrill,
Notary Public, personally appeared

Seog Joon Han

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.

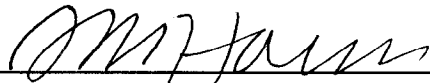
WITNESS my hand and official seal.

Signature: *Debra Lynn Merrill*

Place Notary Seal Above

In Witness Whereof I have executed this assignment on October 31 2014.
(Month, Day) (Year)

Susie M. Harris
(Name of Inventor)


(Signature of Inventor)

UNITED STATES OF AMERICA

State of California

County of Ventura }

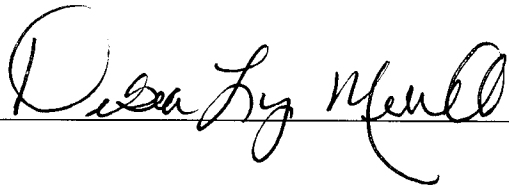
On October 31, 2014 before me, Debra Lynn Merrill,
Notary Public, personally appeared

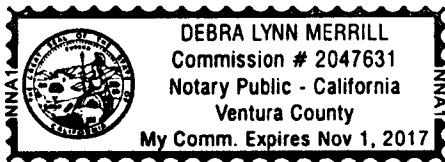
Susie M. Harris

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 _____ 2014.
(Month, Day) (Year)

Randal R. Ketchem
(Name of Inventor)

(Signature of Inventor)

UNITED STATES OF AMERICA

State of Washington

County of King

} ss:

On _____ before me, a Notary Public in and for the State of Washington,
personally appeared

Randal R. Ketchem

I certify that I know or have satisfactory evidence that
Randal R. Ketchem is the person who appeared before me,
and said person acknowledged that (he/she) signed this
instrument and acknowledged it to be (his/her) free and
voluntary act for the uses and purposes mentioned in the
instrument.

WITNESS my hand and official seal.

Notary Public

My commission expires

20

In Witness Whereof I have executed this assignment on October 31 2014.
(Month, Day) (Year)

Ji Lu
(Name of Inventor)

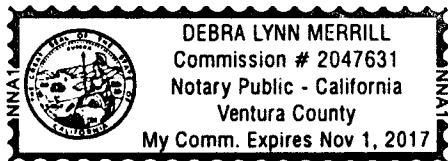
[Signature]
(Signature of Inventor)

UNITED STATES OF AMERICA

State of California }
County of Ventura

On October 31, 2014 before me, Debra Lynn Merrill,
Notary Public, personally appeared

Ji Lu



who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is 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: Debra Lynn Merrill

Place Notary Seal Above

In Witness Whereof I have executed this assignment on 10.29 2014.
(Month, Day) (Year)

Mark L. Michaels
(Name of Inventor)

[Signature]
(Signature of Inventor)

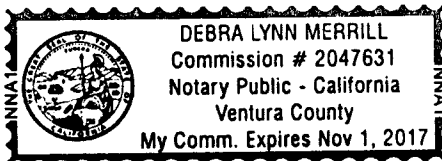
UNITED STATES OF AMERICA

State of California }

County of Ventura

On October 29, 2014 before me, Debra Lynn Merrill,
Notary Public, personally appeared

Mark L. Michaels



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 _____ 2014.
(Month, Day) (Year)

Marc W. Retter
(Name of Inventor) (Signature of Inventor)

UNITED STATES OF AMERICA

State of California }
County of _____ }

On _____ before me, _____,
Notary Public, personally appeared

Marc W. Retter

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: _____

In Witness Whereof I have executed this assignment on 10-31-2014 2014.
(Month, Day) (Year)

Mei-Mei Tsai
(Name of Inventor)

Mei-Mei Tsai
(Signature of Inventor)

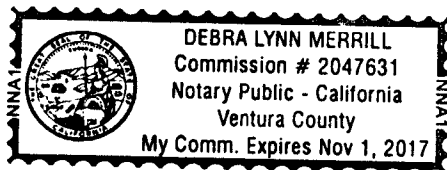
UNITED STATES OF AMERICA

State of California }

County of Ventura }

On October 31, 2014 before me, Debra Lynn Merrill,
Notary Public, personally appeared

Mei-Mei Tsai



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: *Debra Lynn Merrill*

Place Notary Seal Above

ASSIGNMENT

Whereas, I/we, Jeonghoon Sun, 4992 35th Street, San Diego, California, USA 92116

Seog Joon Han, 2645 Fallcreek Court, Simi Valley, California, USA 93063

Susie M. Harris, 197 Los Vientos Dr., Newbury Park, California, USA 91320

Randal R. Ketchem, 6332 152nd Street SE, Snohomish, Washington USA
98296

Ji Lu, 1874 Brush Oak Court, Thousand Oaks, California, USA 91320

Mark L. Michaels, 5007 Texhoma Avenue, Encino, California, USA 91316

Marc W. Retter, 316 Canyon Crest Drive, Simi Valley, California, USA 93065

Mei-Mei Tsai, 87 East Gainsborough Road, Thousand Oaks, California, USA
91360

(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

**VARIANT Fc-POLYPEPTIDES WITH ENHANCED BINDING TO THE NEONATAL Fc
RECEPTOR**

which is found in:

- ☒ US Application Serial No. 14/367,183; which is the US national stage entry of International Application No. PCT/US12/70146 filed December 17, 2012; which claims the benefit of U.S. Provisional Application Nos. 61/578,780 filed December 21, 2011; 61/585,993 filed January 12, 2012; and 61/729,050 filed November 21, 2012.

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 _____ 2014.
(Month, Day) (Year)

Jeonghoon Sun
(Name of Inventor)

(Signature of Inventor)

UNITED STATES OF AMERICA

State of California }
County of _____ }

On _____ before me, _____,

Notary Public, personally appeared

Jeonghoon Sun

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: _____

In Witness Whereof I have executed this assignment on _____ 2014.
(Month, Day) (Year)

Seog Joon Han
(Name of Inventor) (Signature of Inventor)

UNITED STATES OF AMERICA

State of California }
County of Ventura

On _____ before me, _____,
Notary Public, personally appeared

Seog Joon Han

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: _____

In Witness Whereof I have executed this assignment on _____ 2014.
(Month, Day) (Year)

Susie M. Harris
(Name of Inventor) (Signature of Inventor)

UNITED STATES OF AMERICA

State of California }
County of Ventura }

On _____ before me, _____,
Notary Public, personally appeared

Susie M. Harris

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: _____

In Witness Whereof I have executed this assignment on October 28 2014.
(Month, Day) (Year)

Randal R. Ketchem [Signature]
(Name of Inventor) (Signature of Inventor)

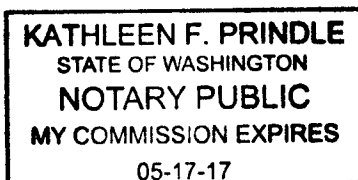
UNITED STATES OF AMERICA

State of Washington }
County of King } ss:

On Oct. 28, 2014 before me, a Notary Public in and for the State of Washington,
personally appeared

Randal R. Ketchem

I certify that I know or have satisfactory evidence that
Randal R. Ketchem is the person who appeared before me,
and said person acknowledged that (he/she) signed this
instrument and acknowledged it to be (his/her) free and
voluntary act for the uses and purposes mentioned in the
instrument.



WITNESS my hand and official seal.

[Signature]
Notary Public

My commission expires

May 17, 2017

In Witness Whereof I have executed this assignment on _____ 2014.
(Month, Day) (Year)

Ji Lu
(Name of Inventor) (Signature of Inventor)

UNITED STATES OF AMERICA

State of California }
County of Ventura }

On _____ before me, _____,
Notary Public, personally appeared

Ji Lu

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: _____

In Witness Whereof I have executed this assignment on _____ 2014.
(Month, Day) (Year)

Mark L. Michaels
(Name of Inventor) (Signature of Inventor)

UNITED STATES OF AMERICA

State of California }
County of Ventura }

On _____ before me, _____,
Notary Public, personally appeared

Mark L. Michaels

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: _____

In Witness Whereof I have executed this assignment on _____ 2014.
(Month, Day) (Year)

Marc W. Retter
(Name of Inventor) (Signature of Inventor)

UNITED STATES OF AMERICA

State of California }
County of _____ }

On _____ before me, _____,
Notary Public, personally appeared

Marc W. Retter

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: _____

In Witness Whereof I have executed this assignment on _____ 2014.
(Month, Day) (Year)

Mei-Mei Tsai
(Name of Inventor) (Signature of Inventor)

UNITED STATES OF AMERICA

State of California }
County of Ventura }

On _____ before me, _____,
Notary Public, personally appeared

Mei-Mei Tsai

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: _____

ASSIGNMENT

Whereas, I/we, Jeonghoon Sun, 4992 35th Street, San Diego, California, USA 92116

Seog Joon Han, 2645 Fallcreek Court, Simi Valley, California, USA 93063

Susie M. Harris, 197 Los Vientos Dr., Newbury Park, California, USA 91320

Randal R. Ketchem, 6332 152nd Street SE, Snohomish, Washington USA
98296

Ji Lu, 1874 Brush Oak Court, Thousand Oaks, California, USA 91320

Mark L. Michaels, 5007 Texhoma Avenue, Encino, California, USA 91316

Marc W. Retter, 316 Canyon Crest Drive, Simi Valley, California, USA 93065

Mei-Mei Tsai, 87 East Gainsborough Road, Thousand Oaks, California, USA
91360

(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

**VARIANT Fc-POLYPEPTIDES WITH ENHANCED BINDING TO THE NEONATAL Fc
RECEPTOR**

which is found in:

- ☒ US Application Serial No. 14/367,183; which is the US national stage entry of International Application No. PCT/US12/70146 filed December 17, 2012; which claims the benefit of U.S. Provisional Application Nos. 61/578,780 filed December 21, 2011; 61/585,993 filed January 12, 2012; and 61/729,050 filed November 21, 2012.

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 _____ 2014.
(Month, Day) (Year)

Jeonghoon Sun
(Name of Inventor)

(Signature of Inventor)

UNITED STATES OF AMERICA

State of California }
County of _____ }

On _____ before me, _____,
Notary Public, personally appeared

Jeonghoon Sun

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: _____

In Witness Whereof I have executed this assignment on _____ 2014.
(Month, Day) (Year)

Seog Joon Han
(Name of Inventor)

(Signature of Inventor)

UNITED STATES OF AMERICA

State of California }
County of Ventura }

On _____ before me, _____,
Notary Public, personally appeared

Seog Joon Han

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: _____

In Witness Whereof I have executed this assignment on _____ 2014.
(Month, Day) (Year)

Susie M. Harris
(Name of Inventor)

(Signature of Inventor)

UNITED STATES OF AMERICA

State of California }
County of Ventura }

On _____ before me, _____,
Notary Public, personally appeared

Susie M. Harris

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: _____

In Witness Whereof I have executed this assignment on _____ 2014.
(Month, Day) (Year)

Randal R. Ketchem
(Name of Inventor) (Signature of Inventor)

UNITED STATES OF AMERICA

State of Washington }
County of King } ss:

On _____ before me, a Notary Public in and for the State of Washington,
personally appeared

Randal R. Ketchem

I certify that I know or have satisfactory evidence that
Randal R. Ketchem is the person who appeared before me,
and said person acknowledged that (he/she) signed this
instrument and acknowledged it to be (his/her) free and
voluntary act for the uses and purposes mentioned in the
instrument.

WITNESS my hand and official seal.

Notary Public

My commission expires

20

In Witness Whereof I have executed this assignment on _____ 2014.
(Month, Day) (Year)

Ji Lu
(Name of Inventor) (Signature of Inventor)

UNITED STATES OF AMERICA

State of California }
County of Ventura }

On _____ before me, _____,
Notary Public, personally appeared

Ji Lu

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: _____

In Witness Whereof I have executed this assignment on _____ 2014.
(Month, Day) (Year)

Mark L. Michaels
(Name of Inventor) (Signature of Inventor)

UNITED STATES OF AMERICA

State of California }
County of Ventura }

On _____ before me, _____,
Notary Public, personally appeared

Mark L. Michaels

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: _____

In Witness Whereof I have executed this assignment on November 3rd 2014.
(Month, Day) (Year)

Marc W. Retter
(Name of Inventor)

Marc W Retter
(Signature of Inventor)

UNITED STATES OF AMERICA

State of California }
County of Ventura }

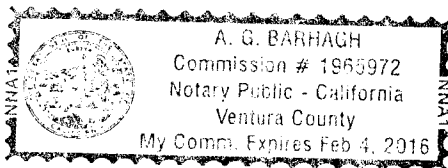
On Nov 3rd 2014 before me, A. G. Barhagh,
Notary Public, personally appeared

Marc W. Retter

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: A. G. Barhagh

In Witness Whereof I have executed this assignment on _____ 2014.
(Month, Day) (Year)

Mei-Mei Tsai
(Name of Inventor) (Signature of Inventor)

UNITED STATES OF AMERICA

State of California }
County of Ventura }

On _____ before me, _____,
Notary Public, personally appeared

Mei-Mei Tsai

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: _____