

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Jennifer R. Allen	07/12/2011
Jian J. Chen	07/12/2011
Michael J. Frohn	07/12/2011
Essa Hu	07/19/2011
Qingyian Liu	07/12/2011
Alexander J. Pickrell	07/12/2011
Shannon Rumfelt	07/26/2011
Robert M. Rzasa	07/19/2011
Wenge Zhong	07/15/2011

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:	13105860

CORRESPONDENCE DATA

Fax Number: (805)499-8011
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
Phone: 805-447-3278
Email: cashley@amgen.com
Correspondent Name: Amgen Inc.
Address Line 1: One Amgen Center Drive
Address Line 2: Patent Operations / 28-2-C

501624360

PATENT
REEL: 026738 FRAME: 0486

CH \$40.00 13105860

Address Line 4: Thousand Oaks, CALIFORNIA 91320-1799

ATTORNEY DOCKET NUMBER:

A-1565-US-NP

NAME OF SUBMITTER:

Cynthia Ashley

Total Attachments: 11

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ASSIGNMENT

Whereas, we, Jennifer R. Allen, 139 Via Aldea, Newbury Park, California 91320 USA

Jian J. Chen, 5448 Castillo De Rosa, Camarillo, California 93012 USA

Michael J. Frohn, 2808 Cedar Wood Place, Thousand Oaks, California 91362 USA

Essa Hu, 3824 Fountain Street, Camarillo, California 93012 USA

Qingyian Liu, 4631 Paseo Girasol, Camarillo, California 93012 USA

Alexander J. Pickrell, 30948 Minute Man Way, Westlake Village, California 91361 USA

Shannon Rumfelt, 2766 Wendell Street, Camarillo, California 93010 USA

Robert M. Rzasa, 160 Kennedy Avenue, Ventura, California 93003 USA

Wenge Zhong, 2921 Venezia Lane, Thousand Oaks, California 91362 USA

(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

**UNSATURATED NITROGEN HETEROCYCLIC COMPOUNDS USEFUL AS PDE10
INHIBITORS**

which is found in:

US Application Serial No. 13/105,860 filed May 11, 2011; which claims the benefit of U.S. Provisional Application No. 61/334,525 filed May 13, 2010.

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 July 12 2011.
(Month, Day) (Year)

Jennifer R. Allen
(Name of Inventor)

[Signature]
(Signature of Inventor)

UNITED STATES OF AMERICA

State of California }

County of Ventura

ss:

On July 12, 2011
Public, personally appeared

before me, Cynthia B. Ashley

Notary
CBA 7/12/20

Jennifer R. Allen

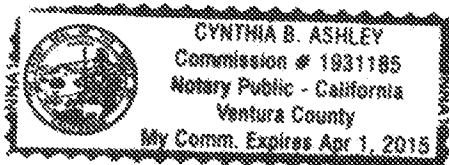
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s),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

CBA 7/12/20

CBA 7/12/20

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

WITNESS my hand and official seal.



Cynthia B. Ashley
Notary Public

My commission expires

April 1, 2015

In Witness Whereof I have executed this assignment on July 12 2011.
(Month, Day) (Year)

Jian J. Chen
(Name of Inventor)

Jian J. Chen
(Signature of Inventor)

UNITED STATES OF AMERICA

State of California

County of Ventura

} ss:

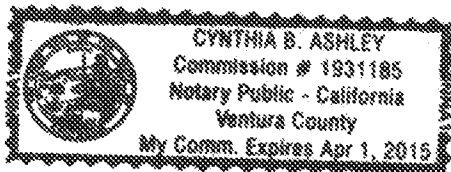
On July 12, 2011 before me, Cynthia B. Ashley a
Notary Public, personally appeared

Jian J. Chen

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 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.



Cynthia B. Ashley
Notary Public

My commission expires

April 1, 2015

In Witness Whereof I have executed this assignment on July 12 2011.
(Month, Day) (Year)

Michael J. Frohn
(Name of Inventor)

Michael J. Frohn
(Signature of Inventor)

UNITED STATES OF AMERICA

State of California

County of Ventura

} ss:

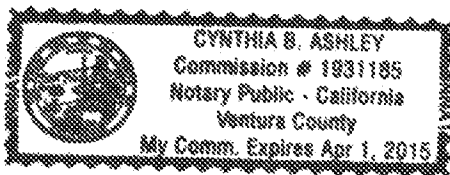
On July 12, 2011 before me, Cynthia B. Ashley a
Notary Public, personally appeared

Michael J. Frohn

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 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.



Cynthia B. Ashley
Notary Public

My commission expires

April 1, 2015

In Witness Whereof I have executed this assignment on July 19 2011.
(Month Day) (Year)

Essa Hu
(Name of Inventor)

[Signature]
(Signature of Inventor)

UNITED STATES OF AMERICA

State of California

County of Ventura

} ss:

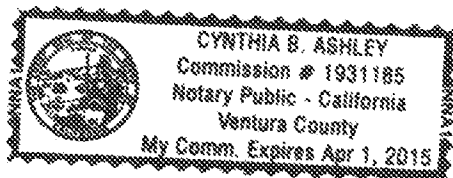
On July 19, 2011 before me, Cynthia B. Ashley a
Notary Public, personally appeared

Essa Hu

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 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.



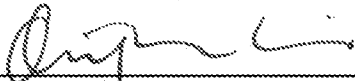
Cynthia B. Ashley
Notary Public

My commission expires

April 1, 2015

In Witness Whereof I have executed this assignment on July 12 2011.
(Month, Day) (Year)

Qingyian Liu
(Name of Inventor)


(Signature of Inventor)

UNITED STATES OF AMERICA

State of California }
County of Ventura } ss:

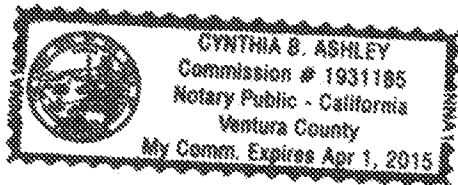
On July 12, 2011 before me, Cynthia B. Ashley a
Notary Public, personally appeared

Qingyian Liu

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 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.



Cynthia B. Ashley
Notary Public

My commission expires

April 1, 2015

In Witness Whereof I have executed this assignment on July 12 2011.
(Month, Day) (Year)

Alexander J. Pickrell *Alex Pickrell*
(Name of Inventor) (Signature of Inventor)

UNITED STATES OF AMERICA

State of California }
County of Ventura } ss:

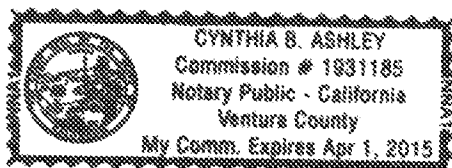
On July 12, 2011 before me, Cynthia B. Ashley a
Notary Public, personally appeared

Alexander J. Pickrell

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 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.



Cynthia B. Ashley
Notary Public

My commission expires

April 1, 2015

In Witness Whereof I have executed this assignment on July 26 2011.
(Month, Day) (Year)

Shannon Rumfelt
(Name of Inventor)

Shannon Rumfelt
(Signature of Inventor)

UNITED STATES OF AMERICA

State of California

County of Ventura

} ss:

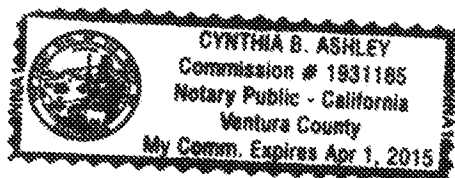
On July 26, 2011 before me, Cynthia B. Ashley a
Notary Public, personally appeared

Shannon Rumfelt

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 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.



Cynthia B. Ashley
Notary Public

My commission expires

April 1, 2015

In Witness Whereof I have executed this assignment on July 19 2011.
 (Month, Day) (Year)

Robert M. Rzas
 (Name of Inventor)

Robert M. Rzas
 (Signature of Inventor)

UNITED STATES OF AMERICA

State of California

County of Ventura

} ss:

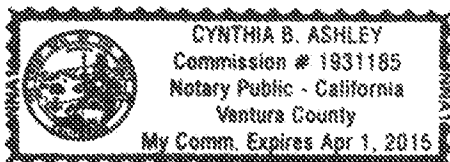
On July 19, 2011 before me, Cynthia B. Ashley a
 Notary Public, personally appeared

Robert M. Rzas

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 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.



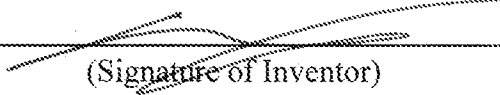
Cynthia B. Ashley
 Notary Public

My commission expires

April 1, 2015

In Witness Whereof I have executed this assignment on July 15, 2011.
(Month, Day) (Year)

Wenge Zhong
(Name of Inventor)


(Signature of Inventor)

UNITED STATES OF AMERICA

State of California

County of Ventura

} ss:

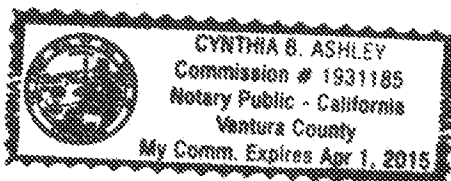
On July 15, 2011 before me, Cynthia B. Ashley a
Notary Public, personally appeared

Wenge Zhong

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 acted, executed the instrument.

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WITNESS my hand and official seal.



Cynthia B. Ashley
Notary Public

My commission expires

April 1, 2015