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

PATENT

REEL: 026738 FRAME: 0486

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Address Line 4: Thousand Oaks, CALIFORNIA 91320-1799	
ATTORNEY DOCKET NUMBER:	A-1565-US-NP
NAME OF SUBMITTER:	Cynthia Ashley
Total Attachments: 11 source=A-1565-US-NP_Assignment#page1 source=A-1565-US-NP_Assignment#page2 source=A-1565-US-NP_Assignment#page3 source=A-1565-US-NP_Assignment#page4 source=A-1565-US-NP_Assignment#page5 source=A-1565-US-NP_Assignment#page7 source=A-1565-US-NP_Assignment#page8 source=A-1565-US-NP_Assignment#page8 source=A-1565-US-NP_Assignment#page9 source=A-1565-US-NP_Assignment#page1 source=A-1565-US-NP_Assignment#page1	.tif .tif .tif .tif .tif .tif .tif .tif

PATENT REEL: 026738 FRAME: 0487

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

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

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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 assignm	ent on
Jennifer R. Allen	<u>ARAR</u>
(Name of Inventor)	(Signature of Inventor)
UNITED STATES OF AMERICA	
State of California	
County of Ventura ss:	CSA 7/12/20 Notary
On <u>July 12, 2011</u> before me, <u>C</u> Public, personally appeared	ynthia B. Ashley a Notary
Jenni	fer R. Allen
person(s) whos and acknowled his/her/their au signature(s) on	me on the basis of satisfactory evidence to be the e name(s) is/are subscribed to the within instrument ged to me that be/she/they executed the same in thorized capacity(ies), and that by his/her/their the instrument the person(s), or the entity upon behalf rson acted, executed the instrument.
I certify under PENALTY OF PERJURY under the laws of the of California that the foregoing paragraph is true and correct.	
•	hand and official seal.
Commission # 1931185 Notary Public - California Yentura County	April 1, 2015

In Witness Whereof I have executed this	assignment on	
Jian J. Chen		
(Name of Inventor)	(Signature of Inventor)	
UNITED S	STATES OF AMERICA	
State of California County of Ventura State of California Section 1.		
On July 12, 2011 before me, Cynthia B. Ashley a Notary Public, personally appeared		
	Jian J. Chen	
the per instrum the san his/b e f/	oved to me on the basis of satisfactory evidence to be son(s) whose name(s) is/are subscribed to the within tent and acknowledged to me that he/she/they executed he in his/her/their authorized capacity(ies), and that by their signature(s) on the instrument the person(s), or ty upon behalf of which the person acted, executed the tent.	
	y under PENALTY OF PERJURY under the laws of e of California that the foregoing paragraph is true and	
WITNE	ESS my hand and official seal.	
CYNTHIA B. ASHIEY Commission # 1931185 Notary Public - California Ventura County My Comm. Expires Apr 1, 2015	Oynthia B. Ashley Notary Public My commission expires April 1, 2015	

In Witness Whereof I have execu-		Gonth, Day) 2011.
Michael J. Frohn	4	
(Name of Inventor)		Signature of Inventor)
UN	ITED STATES OF AMERIC	C A
State of California County of Ventura	\$S:	
On July 12, 2011 b Notary Public, personally appear	efore me, <u>Cynthia I</u> ed	3. Ashley a
	Michael J. Frohn	
	the person(s) whose name(s) instrument and acknowledged the same in his/her/their authoris/her/their signature(s) on the entity upon behalf of which instrument. I certify under PENALTY Of	is of satisfactory evidence to be is/are subscribed to the within to me that he/she/shey executed orized capacity(ies), and that by he instrument the person(s), or h the person acted, executed the
	the State of California that the correct.	foregoing paragraph is true and
	WITNESS my hand and offici	
CYNTHIA 8. ASH Commission # 19: Notsry Public - Call My Comm. Expires Ap	1185 Notary 1 dork	<u>i B. Ashley</u> n expires 1, 2015

In Witness Whereof I have executed this	assignment on July 19 20 11. (Month Day) (Year)
Essa Hu	<u> </u>
(Name of Inventor)	(Signature of Inventor)
	in the second
UNITED	STATES OF AMERICA
State of California County of Ventura On July 19, 2011 before n	ne, <u>Cynthia B. Ashley</u> a
Notary Public, personally appeared	<i>§</i>
	Σ' Σ'
	Essa Hu
the pe instrur the sar his/her	proved to me on the basis of satisfactory evidence to be proon(s) whose name(s) is/are subscribed to the within ment and acknowledged to me that be/she/they execute me in his/her/their authorized capacity(jes), and that by r/their signature(s) on the instrument the person(s), of tity upon behalf of which the person acted, executed the ment.
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.	
WITN	ESS my hand and official seal.
CYNTHIA 8, ASHLEY Commission # 1931185 Notary Public - California Vanturs County	Notary Public My commission expires
My Comm. Expires Apr 1, 2015	<u> </u>

In Witness Whereof I have executed this as	ssignment on Tuly 12 20 11. (Month, Day) (Year)		
Qingyian Liu	and a		
(Name of Inventor)	(Signature of Inventor)		
UNITED ST	TATES OF AMERICA		
State of California ss:			
County of Ventura			
On July 12, 2011 before me, Cynthia B. Ashley a Notary Public, personally appeared			
	Qingyian Liu		
the person instrume the same bis/her/ti	ved to me on the basis of satisfactory evidence to be on(s) whose name(s) is/are subscribed to the within ont and acknowledged to me that he/she/they executed in his/her/their authorized capacity(ies), and that by heir signature(s) on the instrument the person(s), or y upon behalf of which the person acted, executed the ont.		
·	under PENALTY OF PERJURY under the laws of of California that the foregoing paragraph is true and		
WITNES	SS my hand and official seal.		
CYNTHIA 8. ASHLEY Commission # 1931185 Notary Public - California Ventura County My Comm. Expires Apr 1, 2015	Notary Public My commission expires April 1, 2015		

In Witness Whereof I have executed this assign	nment on July 12 2011. (Month, Day) (Year)
Alexander J. Pickrell	Arx Pirtuell
(Name of Inventor)	(Signature of Inventor)
UNITED STAT	ES OF AMERICA
State of California County of Ventura ss:	
On July 12, 2011 before me,	Cynthia B. Ashley "
Alexand	ler J. Pickrell
the person(so instrument at the same in his/her/their the entity up instrument.	to me on the basis of satisfactory evidence to be whose name(s) is/are subscribed to the within a acknowledged to me that he/she/they executed his/her/their authorized capacity(ies); and that by signature(s) on the instrument the person(s); or on behalf of which the person acted, executed the ler PENALTY OF PERJURY under the laws of California that the foregoing paragraph is true and
WITNESS m	ny hand and official seal.
CYNTHIA 8. ASHLEY Commission # 1931185 Notsry Public - California Ventura County My Comm. Expires Apr 1, 2015	April 1, 2015

In Witness Whereof I have execu	ted this assignment on July 24 2011. (Month, Day) (Year)
Shannon Rumfelt	Shannen 4-Intella
(Name of Inventor)	(Signature of Inventor)
UN	TITED STATES OF AMERICA
State of California County of Ventura On July 26, 2011 b Notary Public, personally appear	
	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 be/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. ASSILEY Commission of 1931185 Notary Public - California Vantura County My Comm. Expires Acr 1, 2015	Notary Public My commission expires 2015

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In Witness Whereof I have execu	ted this assignment on $J_0/4/9$ 20_1(. (Month, Day) (Year)		
Robert M. Rzasa	Zix M. Gosa		
(Name of Inventor)	(Signature of Inventor)		
UNITED STATES OF AMERICA			
State of California County of Ventura	~ SS:		
On <u>July 19, 20//</u> 1 Notary Public, personally appear	pefore me, <u>Cynthia B. Ashley</u> a red		
Robert M. Rzasa			
	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		
CYNTHIA B. ASHLEY Commission # 1931185 Notary Public - California Ventura County My Comm. Expires Apr 1, 201	Notaty Public My commission expires		

In Witness Whereof I have execute	ed this assignment on _	うしょしら。 (Month, Day)	2011. (Year)	
Wenge Zhong		and the same of th		
(Name of Inventor)		(Signature of Inv	entor)	
UNITED STATES OF AMERICA				
State of California County of Ventura	8S:			
On <u>July 15, 2011</u> be Notary Public, personally appeare		iaB. Ashley	a	
Wenge Zhong				
	he person(s) whose non- nstrument and acknow he same in his/her/thein his/her/their signature(s he entity upon behalf of nstrument.	he basis of satisfactory ame(s) is/are subscribe ledged to me that he/sh ir authorized capacity(is) on the instrument the which the person actors.	d to the within e/they executed es), and that by ne person(s), or ed, executed the	
ŧ		TY OF PERJURY un hat the foregoing parag		
Y	WITNESS my hand and	d official seal.		
	Notary F My com	this B. Ashl	20/5	

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RECORDED: 08/11/2011