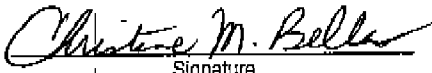


VIA FACSIMILE TO: Assignment Division, USPTO to 571-273-0140

RECORDATION FORM COVER SHEET		U.S. Department of Commerce Patent and Trademark Office
Revised Form PTO-1595 (Rev. 6-93)		Docket No.: A-1047-US-NP
PATENTS ONLY		
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.		
1. Name of conveying party(ies): <u>HQ HAN</u> <u>Keith Soo-Nyung KWAK</u> <u>Xiaolan ZHOU</u> Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): Name: <u>Amgen Inc.</u> Internal Address: _____ Street Address: <u>One Amgen Center Drive</u> City: <u>Thousand Oaks</u> State: <u>CA</u> Zip: <u>91320-1799</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: <u>January 26, 2007</u>	4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: _____ A. Patent Application No.(s) <u>11/590,962</u> B. Patent No.(s) _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>AMGEN INC.</u> Internal Address: <u>Law Department</u> Street Address: <u>1201 Amgen Court West</u> City: <u>Seattle</u> State: <u>WA</u> Zip: <u>98119-3105</u>	6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37 CFR 3.41).....\$ <u>40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account. 8. Deposit account number: <u>01-0519</u> <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional filing fees which may be required or credit any overpayment to Deposit Account No. 01-0519	
DO NOT USE THIS SPACE		
9. Statement and signature. <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i> <u>Christine M. Bellas</u>  <u>January 29, 2007</u> Name of Person Signing Signature Date Total number of pages including cover sheet, attachments, and document: <u>5</u>		

ia291903 1/29/07

PATENT

Docket No.: A-1047-US-NP

ASSIGNMENT

Whereas, we, HQ Han residing at 3353 Crossland Street, Thousand Oaks, CA 91362, U.S.A.,
Keith Soo-Nyung Kwak residing at 1588 Blue Canyon Street, Thousand Oaks, CA 91320,
U.S.A. and Xiaolan Zhou residing at 3876 Rodene Street, Newbury Park, CA 91320, U.S.A.

have made an invention which is the subject of an application for Letters Patent of the United States ("Application")
entitled

NOVEL ACTIVIN RECEPTOR AND USES THEREOF

which is found in:

- ☐ (a) the US Patent Application executed on even date herewith; which claims the benefit of US
Provisional Application No. _____ filed _____
- ☒ (b) the US Patent Application executed on 11/590,962 which claims the benefit
of US Provisional Application No. 60/732,270 filed November 01, 2005.
- ☐ (c) US Provisional Application Serial No.: _____ filed on _____
- ☐ (d) US Patent No.: _____

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 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, we hereby sell, assign, transfer and set over unto AMGEN INC., its suc-
cessors and assigns (collectively "AMGEN") our 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, and/or continuation-in-part 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
AMGEN for its own use and enjoyment to the full end of the term or terms for which such Letters Patent may be
granted as fully and entirely as the same would have been held and enjoyed by us had this assignment and sale not
been made.

Further, we hereby sell, assign, transfer, and set over unto AMGEN our 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 us or at our direction or deposited on our behalf by Amgen, its affiliates, employees or
employees of its affiliates. The transfer of such right, title and interest includes, without limitation, our unreserved and
irrevocable consent and authorization to AMGEN to refer to the deposited microorganisms(s) or other biological
materials(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.

We authorize and request the Commissioner of Patents and Trademarks of the United States to issue any
such Letters Patent which may be granted on the Application to AMGEN as assignee of the entire right, title and
interest therein and thereto.

Docket No.: A-1047-US-NP

For ourselves and for our legal representatives, we covenant and agree with AMGEN that we have not granted to any others any license to make, use or sell any of such inventions, that our right title and interest in such inventions has not been encumbered, that we have good right and title to sell and assign the same, and that we will not execute any instrument in conflict herewith.

For ourselves and for our heirs, successors and legal representatives, we further covenant and agree with AMGEN that upon request we and they will: (i) execute continuing, divisional or reissue applications, amended specifications, or rightful declarations or oaths; (ii) communicate to AMGEN any facts known to us or them relating to such inventions or the history thereof; (iii) execute preliminary statements and testify in any interference proceedings or litigations; (iv) execute and deliver any application papers, assignments, or other instruments; and (v) do all other acts which, in the opinion of counsel for AMGEN, may be necessary or desirable to secure the grant of Letters Patent to AMGEN or its nominees, in the United States and in all other countries where AMGEN 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 AMGEN and to vest and confirm in AMGEN or its nominees, the full and complete legal and equitable title to all such Letters Patent, without further consideration than that now paid but at the expense of AMGEN.

In Witness Whereof I have executed this assignment on the 26 day of January 2007

HQ Han
(Name of Inventor)

(Signature of Inventor)

UNITED STATES OF AMERICA

State of California }
County of Ventura } ss:

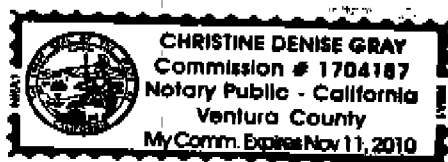
January 26 20 07

Before me, a Notary Public for Ventura County, State of California, personally appeared

HQ Han

☐ personally known to me - OR - ☒ proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.



Christine Denise Gray
Notary Public

My commission expires

November 11 20 10

Docket No.: A-1047-US-NP

In Witness Whereof I have executed this assignment on the 26 day of January 2007

Keith Soo-Nyung Kwak
(Name of Inventor)

Keith S. Kwak
(Signature of Inventor)

UNITED STATES OF AMERICA

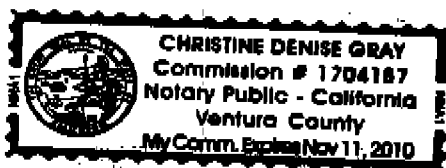
State of California }
County of Ventura } ss:

January 26 20 07

Before me, a Notary Public for Ventura County, State of California, personally appeared

Keith Soo-Nyung Kwak

☐ personally known to me - OR - ☒ proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.



WITNESS my hand and official seal.

Christine Denise Gray
Notary Public

My commission expires

November 11 20 10

In Witness Whereof I have executed this assignment on the 26 day of January 2007

Xiaolan Zhou
(Name of Inventor)

Xiaolan Zhou
(Signature of Inventor)

UNITED STATES OF AMERICA

State of California }
County of Ventura } ss:

January 26 20 07

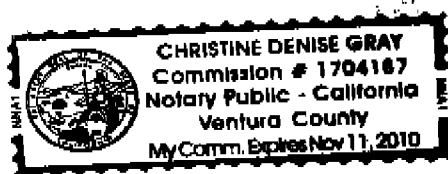
Docket No.: A-1047-US-NP

Before me, a Notary Public for Ventura County, State of California, personally appeared

Xiaolan Zhou

☐ personally known to me - OR - ☒ proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.



Christine Denise Gray
Notary Public

My commission expires

November 11 2010

la091904 1/24/07