

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT																
NATURE OF CONVEYANCE:	ASSIGNMENT																
CONVEYING PARTY DATA																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Kenneth W. WALKER</td> <td>03/19/2010</td> </tr> <tr> <td>Yue-Sheng LI</td> <td>03/18/2010</td> </tr> <tr> <td>Thomas C. BOONE</td> <td>03/18/2010</td> </tr> <tr> <td>HoSung MIN</td> <td>03/19/2010</td> </tr> <tr> <td>Jane TALVENHEIMO</td> <td>03/19/2010</td> </tr> <tr> <td>Taruna ARORA</td> <td>03/19/2010</td> </tr> <tr> <td>Frederick W. JACOBSEN</td> <td>03/19/2010</td> </tr> </tbody> </table>		Name	Execution Date	Kenneth W. WALKER	03/19/2010	Yue-Sheng LI	03/18/2010	Thomas C. BOONE	03/18/2010	HoSung MIN	03/19/2010	Jane TALVENHEIMO	03/19/2010	Taruna ARORA	03/19/2010	Frederick W. JACOBSEN	03/19/2010
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Amgen Inc.</td> </tr> <tr> <td>Street Address:</td> <td>One Amgen Center Drive</td> </tr> <tr> <td>Internal Address:</td> <td>M/S 28-2-C</td> </tr> <tr> <td>City:</td> <td>Thousand Oaks</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>91320-1799</td> </tr> </table>		Name:	Amgen Inc.	Street Address:	One Amgen Center Drive	Internal Address:	M/S 28-2-C	City:	Thousand Oaks	State/Country:	CALIFORNIA	Postal Code:	91320-1799				
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CORRESPONDENCE DATA																	
<p>Fax Number: (805)499-8011 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 805/447-6887</p> <p>Email: ndiamond@amgen.com</p> <p>Correspondent Name: Nisan A. Steinberg</p> <p>Address Line 1: Amgen Inc.</p> <p>Address Line 2: One Amgen Center Drive, M/S 28-2-C</p> <p>Address Line 4: Thousand Oaks, CALIFORNIA 91320-1799</p>																	

CH \$40.00 US1028060

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PATENT
REEL: 024154 FRAME: 0597

ATTORNEY DOCKET NUMBER:	A-1537-WO-PCT
NAME OF SUBMITTER:	Nola J. Diamond
<p>Total Attachments: 10</p> <p>source=A-1537-WO-PCT-Assignment#page1.tif</p> <p>source=A-1537-WO-PCT-Assignment#page2.tif</p> <p>source=A-1537-WO-PCT-Assignment#page3.tif</p> <p>source=A-1537-WO-PCT-Assignment#page4.tif</p> <p>source=A-1537-WO-PCT-Assignment#page5.tif</p> <p>source=A-1537-WO-PCT-Assignment#page6.tif</p> <p>source=A-1537-WO-PCT-Assignment#page7.tif</p> <p>source=A-1537-WO-PCT-Assignment#page8.tif</p> <p>source=A-1537-WO-PCT-Assignment#page9.tif</p> <p>source=A-1537-WO-PCT-Assignment#page10.tif</p>	

ASSIGNMENT

Whereas, we, Kenneth W. WALKER, 175 Mesa Avenue, Newbury Park, CA 91320, USA
Yue-Sheng LI, 3025 Shadow Hill Circle, Thousand Oaks, California 91360, USA
Thomas C. BOONE, 2715 Kelly Knoll Lane, Newbury Park, California 91320, USA
George DOELLGAST, 1488 Sappanwood Avenue, Thousand Oaks, California 91320, USA
(DECEASED)
HoSung MIN, 174-1 Jungja-dong Bundang-gu, The Sharp Star Park, 104dong 401ho,
Sungnam-si, Gyeonggi-do, Republic of Korea
Jane TALVENHEIMO, 1363 Calle Pecos, Thousand Oaks, California 91360, USA
Taruna ARORA, 5380 Via Pisa, Thousand Oaks, CA 91320, USA
Frederick W. JACOBSEN, 1168 Homestake Place, Newbury Park, California 91320, USA

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

CARRIER IMMUNOGLOBULINS AND USES THEREOF

which is found in:

- ☒ (a) the International Patent Application executed on March 19, 2010; which claims the benefit of U.S. Provisional Application No. 61/210,594, filed March 20, 2009. I hereby authorize the later insertion, into this assignment, of the serial numbers granted by the U. S. Receiving Office of the World Intellectual Property Organization (WIPO) and the U.S. Patent and Trademark Office for said International and U.S. Nonprovisional Patent Application, respectively, when it becomes known, into the blank spaces provided below:

PCT International Application No.: PCT/US10/28060

U.S. Nonprovisional Patent Application Serial No.: _____

- ☐ (b) the US Provisional Patent Application No. _____, filed on _____.
- ☐ (c) US Application Serial No.: _____ filed on _____
 [which claims the benefit of U.S. Provisional Application No. _____ filed _____.]
- ☐ (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 each, and separately, hereby sell, assign, transfer and set over unto AMGEN INC., its successors 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 each, and separately, 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 each, and separately, 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.

For ourselves and for our separate legal representatives, we each, and separately, 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 have not executed, and will not execute, any instrument in conflict herewith.

For ourselves and for our heirs, successors and legal representatives, we each, and separately, 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 19 day of March 20 10

Kenneth W. WALKER
(Name of Inventor)

Ken W. Walker
(Signature of Inventor)

UNITED STATES OF AMERICA

State of California }
County of Ventura } ss:

On March 19, 2010, before me, Christine Vu, a Notary Public for Ventura County, State of California,
~~California~~ personally appeared

Kenneth W. Walker

who 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.

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.



Christine Vu
Notary Public

My commission expires

November 11 2010

In Witness Whereof I have executed this assignment on the 18 day of March 20 10

Yue-Sheng Li
(Name of Inventor)

[Signature]
(Signature of Inventor)

UNITED STATES OF AMERICA

State of California }
County of Ventura } ss:

March 18, 2010

On March 18, 2010 before me, Christine Vu, a Notary Public for Ventura County, State of California, personally appeared

Yue-Sheng Li



who 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.

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.

Christine Vu
Notary Public
My commission expires
November 11 2010

In Witness Whereof I have executed this assignment on the 18 day of March 20 10

Thomas C. BOONE
(Name of Inventor)

Thomas C. Boone
(Signature of Inventor)

UNITED STATES OF AMERICA

State of California }
County of Ventura } ss:

On March 18, 2010, before me, Christine Vu, a Notary Public for Ventura County, State of California, personally appeared

Thomas C. Boone

who 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.

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.



Christine Vu

Notary Public

My commission expires

November 11 20 10

In Witness Whereof I have executed this assignment on the _____ day of _____ 20____

George DOELLGAST
(Name of Inventor)

--DECEASED--
(Signature of Inventor)

UNITED STATES OF AMERICA

State of California }
County of Ventura } ss:

On _____, before me, Christine Vu, a Notary Public for Ventura County, State of California, personally appeared

George Doellgast

who 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.

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.

Notary Public
My commission expires

20

In Witness Whereof I have executed this assignment on the 19 day of March 2010

HoSung MIN
(Name of Inventor)

[Signature]
(Signature of Inventor)

Witness Signature: [Signature]

Date: 19 / March / 2010

Witness Name: Hyun Lee
(Print Name)

Signed at: Seoul, South Korea
(City, State and Country)

Witness Signature: Sanghyun Paek

Date: 19 / March / 2010

Witness Name: Sanghyun Paek
(Print Name)

Signed at: Seoul, South Korea
(City, State and Country)

In Witness Whereof I have executed this assignment on the 19th day of March 20 10

Jane TALVENHEIMO
(Name of Inventor)

Jane A Talvenheimio
(Signature of Inventor)

UNITED STATES OF AMERICA

State of California }
County of Ventura } ss:

On March 19, 2010, before me, Lynne Buchsbaum, a Notary Public for Ventura County, State of California, personally appeared

Jane Talvenheimio

who 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.

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.



Lynne Buchsbaum
Notary Public
My commission expires
April 7 20 12

In Witness Whereof I have executed this assignment on the 19 day of March 20 10

Taruna ARORA
(Name of Inventor)

Taruna Arora
(Signature of Inventor)

UNITED STATES OF AMERICA

State of California }
County of Ventura } ss:

On March 19, 2010, before me, Christine Vu, a Notary Public for Ventura County, State of California, personally appeared

Taruna Arora

who 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.

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.



Christine Vu
Notary Public

My commission expires November 11

20 10

In Witness Whereof I have executed this assignment on the 19 day of March 2010

Frederick W. JACOBSEN
(Name of Inventor)

Frederick W. Jacobsen
(Signature of Inventor)

UNITED STATES OF AMERICA

State of California }
County of Ventura } ss:

On March 19, 2010, before me, Christine Vu, a Notary Public for Ventura County, State of California, personally appeared

Frederick W. Jacobsen

who 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.



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.

Christine Vu
Notary Public
My commission expires November 11 2010