

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Christopher K. Crowell	02/08/2007
Gustavo E. Grampp	02/27/2007
RECEIVING PARTY DATA	
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
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11634506
CORRESPONDENCE DATA	
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Email:	diazs@amgen.com
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Address Line 2:	M/S 28-2-C
Address Line 4:	Thousand Oaks, CALIFORNIA 91320
ATTORNEY DOCKET NUMBER:	A-1030-US-NP
NAME OF SUBMITTER:	Petrina S. Hsi
<p>Total Attachments: 3</p> <p>source=A-1030-US-NP Assignment#page1.tif</p> <p>source=A-1030-US-NP Assignment#page2.tif</p>	

CH \$40.00 11634506

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PATENT
REEL: 018952 FRAME: 0548

ASSIGNMENT

Whereas, I, Christopher K. Crowell, 2091 Meadow Sweet Lane, Erie, Colorado 80516; and
Gustavo E. Grampp, 25 Sunrise at Palmas del Mar, Humacao, Puerto Rico 00791

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

IMPROVED PRODUCTION OF GLYCOPROTEINS USING MANGANESE

which is found in:

- ☐ (a) the US Provisional Application No. 60/748,880 filed December 8, 2005
- ☐ (b) the US Patent Application executed on _____ [which claims the benefit
of U.S. Provisional Application No. _____ filed _____.]
- ☒ (c) US Application Serial No.: 11/634,506 filed on December 6, 2006
which claims the benefit of U.S. Provisional Application No. 60/748,880 filed December 8, 2005.
- ☐ (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, I hereby sell, assign, transfer and set over unto AMGEN INC., its successors and assigns (collectively "AMGEN") my 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 me had this assignment and sale not been made.

Further, I hereby sell, assign, transfer, and set over unto AMGEN my 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 me or at my direction or deposited on my behalf by Amgen, its affiliates, employees or employees of its affiliates. The transfer of such right, title and interest includes, without limitation, my 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.

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

For myself and for my heirs, successors and legal representatives, I further covenant and agree with AMGEN that upon request I 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 me or them 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 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 8 day of Feb. 2007

Christopher K. Crowell
(Name of Inventor)

[Signature]
(Signature of Inventor)

UNITED STATES OF AMERICA

State of Colorado
County of Boulder

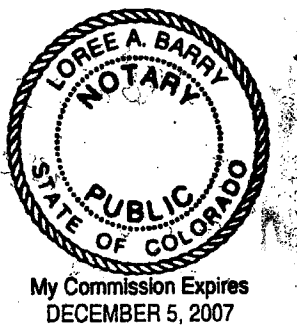
} ss:

February 8 2007

Before me, a Notary Public for Boulder County, State of Colorado, personally appeared

Christopher K. Crowell

☐ 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.

[Signature]
Notary Public

My commission expires

12-5 2007

In Witness Whereof I have executed this assignment on the 27 day of February 2007

Gustavo E. Grampp
(Name of Inventor)

Gustavo E. Grampp
(Signature of Inventor)

UNITED STATES OF AMERICA

State of Colorado } ss:
County of Boulder }

February 27th 2007

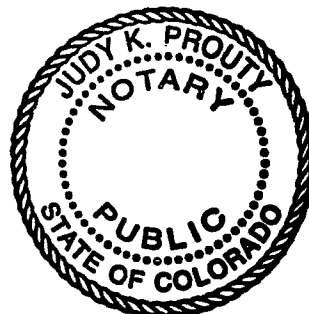
Before me, a Notary Public for Boulder County, State of Colorado, personally appeared
Gustavo E. Grampp

☐ 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.

Judy K. Prouty
Notary Public

My commission expires
11/26/2007 2007



My Commission Expires 11/26/2007