

06-22-1999

Revised Form PTO-1595  
(Rev. 6-93)



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U.S. Department of Commerce  
Patent and Trademark Office

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A-430E

ml 06-4-99

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies): Alison M. Bendele Regina M. Sennello Carl K. Edwards, III</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies): Name: <u>Amgen Inc.</u></p> <p>Internal Address: <u>M/S 27-4-A</u></p> <p>Street Address: <u>One Amgen Center Drive</u></p> <p>City: <u>Thousand Oaks</u> State: <u>CA</u> Zip: <u>91320-1799</u></p> <p>Additional name(s) &amp; address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger</p> <p><input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name</p> <p><input type="checkbox"/> Other _____</p> <p>Execution Date: <u>5/20/99, 5/19/99, 5/14/99</u></p>	

09/326394  
06/04/99

4. Application number(s) or patent number(s):  
If this document is being filed together with a new application, the **filing** date of the application is: 6/4/99

<p>A. Application No.: <u>09/326394</u></p>	<p>B. Patent No.(s)</p>
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Additional numbers attached?  Yes  No

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>U.S. Patent Operations/TDZ</u></p> <p>Internal Address: <u>Dept. 430, M/S 27-4-A</u> <u>AMGEN INC.</u></p> <p>Street Address: <u>One Amgen Center Drive</u></p> <p>City: <u>Thousand Oaks</u> State: <u>CA</u> Zip: <u>91320-1799</u></p>	<p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41) ..... \$ <u>40.00</u></p> <p><input type="checkbox"/> Enclosed</p> <p><input checked="" type="checkbox"/> Authorized to be charged to deposit account.</p> <p>8. Deposit account number: <u>01-0519</u></p> <p><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</p>
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9. Statement and signature.  
*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*

Thomas D. Zindrick [Signature] June 4, 1999  
Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and document: 5

06/17/1999 SCARNICH 00000026 010519 09326394

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PATENT  
REEL: 010030 FRAME: 0761

## ASSIGNMENT

Whereas, we, Alison M. Bendele, 6583 Magnolia Road, Nederland, Colorado 80466 U.S.A.  
Regina M. Sennello, 948 Deer Trail Road, Boulder, Colorado 80302  
Carl K. Edwards, III, Hillary Court, Thousand Oaks, California 91362

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

COMBINATION THERAPY USING A TNF BINDING PROTEIN FOR TREATING  
TNF-MEDIATED DISEASES

which is found in:

- (a) the U.S. Patent Application executed on even date herewith;
- (b) the U.S. Patent Application executed on \_\_\_\_\_
- (c) PCT Application No.: PCT/US97/22733 filed on December 8, 1997  
claiming priority to U.S. Provisional Serial No. 60/032,587 filed on December 6, 1996;  
U.S. Provisional Serial No. 60/036,355 filed on January 23, 1997;  
U.S. Provisional Serial No. 60/039,315 filed on February 7, 1997 and  
U.S. Provisional Serial No. 60/052,023 filed on July 9, 1997
- (d) U.S. 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 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 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.

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 20<sup>th</sup> AB day of May 19 99

Alison M. Bendele  
(Name of Inventor)

Alison M Bendele  
(Signature of Inventor)

UNITED STATES OF AMERICA

State of Colorado }  
County of Boulder } ss:

May 20<sup>th</sup> 19 99

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

M Bendele

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.

Thomas J. Orlando  
Notary Public

My commission expires  
THOMAS J. ORLANDO  
MY COMMISSION EXPIRES 09/12/2001 19       
1650 30TH STREET  
BOULDER, CO 80302

In Witness Whereof I have executed this assignment on the 19 day of May 19 99

Regina M. Sennello  
(Name of Inventor)

Regina M. Sennello  
(Signature of Inventor)

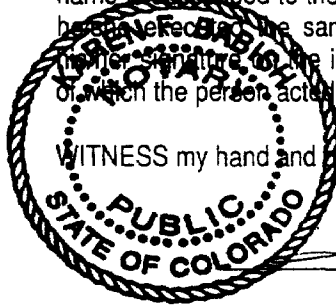
UNITED STATES OF AMERICA

State of Colorado }  
County of } ss:

May 19 19 99

Before me, a Notary Public for Denver County, State of Colorado, personally appeared \_\_\_\_\_

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 or 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.

Karen F. Baker  
Notary Public

My Commission Expires 03/16/2002

My commission expires

3/16 2002

In Witness Whereof I have executed this assignment on the 11 day of May 19 99

Carl K. Edwards, III  
(Name of Inventor)

Carl K. Edwards III  
(Signature of Inventor)

**UNITED STATES OF AMERICA**

State of California }  
County of Ventura } ss:

May 14 19 99

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

Carl K. Edwards, III

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.

Christina A. Gutierrez  
Notary Public

My commission expires

November 6 2002

