

08-16-2005

DEPARTMENT OF COMMERCE
as Patent and Trademark Office

RECORD

PATENT 103062014

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

William C. Fanslow III
Revital Kariv
James F. Smothers

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) June 21, 2005 and July 5, 2005

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: Amgen, Inc.

Internal Address: _____

Street Address: One Amgen Center Drive

City: Thousand Oaks

State: California

Country: U.S.A. Zip: 91320-1799

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No.(s)
11/112,304

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Christopher L. Wight

Internal Address: Holland & Hart LLP
(49494.0009)

Street Address: 60 East South Temple, Suite 2000

City: Salt Lake City

State: Utah Zip: 84111

Phone Number: (801) 595-7823

Fax Number: (801) 364-9124

Email Address: cwight@hollandhart.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00

- ☐ Authorized to be charged by credit card
☐ Authorized to be charged to deposit account
☒ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number 08-2623

Authorized User Name Christopher L. Wight

9. Signature:

Christopher L. Wight, Reg. No. 31,680

Name of Person Signing

8/8/05 Date

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

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

08/12/2005 6TOM11 00000013 11112304

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PATENT
REEL: 016881 FRAME: 0954

ASSIGNMENT

Whereas, we,

William C. Fanslow III, 404 SW 197th Street, Normandy Park, WA 98166, U.S.A.

Revital Kariv, 16613 NE 18 Street, Bellevue, WA 98008, U.S.A.

James F. Smothers, 19701 40 Place NE, Lake Forest Park, WA 98155, U.S.A.

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

ANTIBODIES OF ANGIOGENESIS INHIBITING DOMAINS OF CD148

which is found in:



US Application Serial No.: 11/112,304 Filed on April 22, 2005

which claims the benefit of U.S. Provisional Application Nos. 60/564,885 filed on April 23, 2004;
60/565,158 filed April 23, 2004; 60/571,566 filed May 14, 2004 and 60/585,686 filed July 6, 2004

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 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 21 day of June 20 05

William C. Fanslow III
William C. Fanslow III

William C. Fanslow III
(Signature of Inventor)

UNITED STATES OF AMERICA

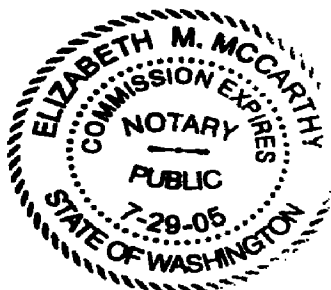
State of Washington }
County of King } ss:

JUNE 21 2005

Before me, a Notary Public for King County, State of Washington, personally appeared _____

WILLIAM C. FANSLAW 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.

Elizabeth M. McCarthy
Elizabeth M. McCarthy, Notary Public

My commission expires

July 29 2005

In Witness Whereof I have executed this assignment on the 5th day of JULY 20 05

Revital Kariv

[Signature]
(Signature of Inventor)

UNITED STATES OF AMERICA

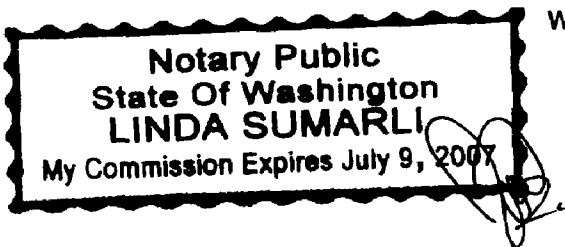
State of WA }
County of KING } ss:

JULY 5th 20 05

Before me, a Notary Public for KING County, State of WA personally appeared _____

REVITAL KARIV

☐ 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

JULY 5th 20 07

In Witness Whereof I have executed this assignment on the 21st day of June 20 05

James F. Smothers

[Signature]
(Signature of Inventor)

UNITED STATES OF AMERICA

State of Washington }
County of King } ss:

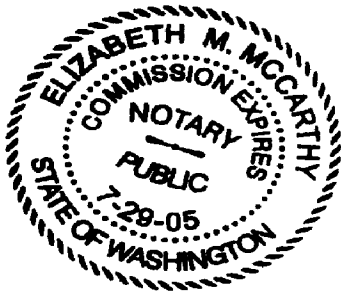
JUNE 21 20 05

Before me, a Notary Public for King County, State of Washington personally appeared _____

JAMES F. SMOTHERS

☒ 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]
Elizabeth M. McCarthy, Notary Public

My commission expires

July 29 20 05

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