

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

| <b>SUBMISSION TYPE:</b>  | NEW ASSIGNMENT                        |               |                |                     |            |                    |            |
|--|---------------------------------------|---------------|----------------|---------------------|------------|--------------------|------------|
| <b>NATURE OF CONVEYANCE:</b>   | ASSIGNMENT                            |               |                |                     |            |                    |            |
| <b>CONVEYING PARTY DATA</b>  |                                       |               |                |                     |            |                    |            |
| <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>David Martin</td> <td>10/19/2006</td> </tr> <tr> <td>Deborah A. Russell</td> <td>10/19/2006</td> </tr> </tbody> </table> |                                       | Name          | Execution Date | David Martin        | 10/19/2006 | Deborah A. Russell | 10/19/2006 |
| Name   | Execution Date                        |               |                |                     |            |                    |            |
| David Martin   | 10/19/2006                            |               |                |                     |            |                    |            |
| Deborah A. Russell   | 10/19/2006                            |               |                |                     |            |                    |            |
| <b>RECEIVING PARTY DATA</b>  |                                       |               |                |                     |            |                    |            |
| <b>Name:</b>   | Amgen Inc.                            |               |                |                     |            |                    |            |
| <b>Street Address:</b>   | One Amgen Center Drive                |               |                |                     |            |                    |            |
| <b>City:</b>   | Thousand Oaks                         |               |                |                     |            |                    |            |
| <b>State/Country:</b>  | CALIFORNIA                            |               |                |                     |            |                    |            |
| <b>Postal Code:</b>  | 91320-1799                            |               |                |                     |            |                    |            |
| <b>PROPERTY NUMBERS Total: 1</b>   |                                       |               |                |                     |            |                    |            |
| <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11511036</td> </tr> </tbody> </table>  |                                       | Property Type | Number         | Application Number: | 11511036   |                    |            |
| Property Type  | Number                                |               |                |                     |            |                    |            |
| Application Number:  | 11511036                              |               |                |                     |            |                    |            |
| <b>CORRESPONDENCE DATA</b>   |                                       |               |                |                     |            |                    |            |
| <b>Fax Number:</b>   | (650)837-9422                         |               |                |                     |            |                    |            |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>   |                                       |               |                |                     |            |                    |            |
| <b>Phone:</b>  | 650-244-2182                          |               |                |                     |            |                    |            |
| <b>Email:</b>  | jbalot@amgen.com                      |               |                |                     |            |                    |            |
| <b>Correspondent Name:</b>   | Julie Balot                           |               |                |                     |            |                    |            |
| <b>Address Line 1:</b>   | 1120 Veterans Boulevard               |               |                |                     |            |                    |            |
| <b>Address Line 4:</b>   | South San Francisco, CALIFORNIA 94080 |               |                |                     |            |                    |            |
| <b>ATTORNEY DOCKET NUMBER:</b>   | A-1015-US-NP                          |               |                |                     |            |                    |            |
| <b>NAME OF SUBMITTER:</b>  | Julie Balot                           |               |                |                     |            |                    |            |

CH \$40.00 11511036

Total Attachments: 4  
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 source=Assignment for Recordation#page3.tif



## ASSIGNMENT

Whereas, we, David Martin, 12257 Ridge Drive, Camarillo, CA 93012 US

Deborah A. Russell, 657 Via Vista, Newbury Park, CA 91320 US

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

### METHODS OF MODULATING INTESTINAL FLUID BALANCE

which is found in:

- US Application Serial No.: 11/511,036 filed on August 28, 2006 which claims the benefit of U.S. Provisional Applications No. 60/713,977 filed September 2, 2005 and No. 60/789,036 filed April 4, 2006.

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:

19 day of Oct, 2006.

David Martin  
DAVID MARTIN

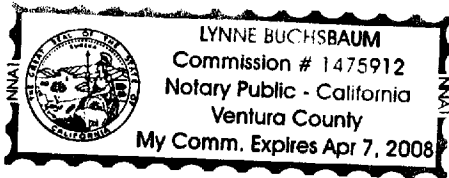
State Of California        }  
  } ss.  
County Of Ventura        }

On October 19, 2006, before me, Lynne Buchsbaum Notary Public, personally appeared David Martin.

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.



Lynne Buchsbaum  
Notary Public

My commission expires: April 7, 2008.

In Witness Whereof I have executed this assignment on:

19 day of Oct, 2006.

Deborah A. Russell  
DEBORAH A. RUSSELL

State Of California }  
  } ss.  
County Of Ventura }

On October 19, 2006, before me, Lynne Buchsbaum Notary Public, personally appeared Deborah A. Russell.

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.

Lynne Buchsbaum  
Notary Public

My commission expires: April 7, 2008.

