

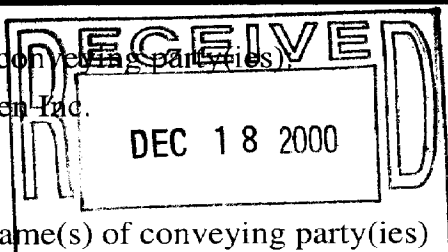


101572562

To the Honorable Commissioner of Patents and Trademarks, U.S. Department of Commerce, Washington, DC 20514, and the attached original documents or copy thereof.

1. Name of conveying party(ies):

Amgen Inc.



Additional name(s) of conveying party(ies)

attached? Yes No

2. Name and address of receiving party(ies):

Name: Regeneron Pharmaceuticals, Inc.

Internal Address: _____

12-18-00

Street Address: 777 Old Saw Mill River Road

City: Tarrytown, State: NY Zip: 10591

Additional name(s) & address(es) attached?

Yes No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: October 30, 2000

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

B. Patent No.(s)

5,011,914

Additional numbers attached? Yes No

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

Name: Joseph M. Sorrentino

Internal Address: Regeneron Pharmaceuticals,

Inc.

Street Address: 777 Old Saw Mill River Road

City: Tarrytown, State: NY Zip: 10591

6. Total number of applications and patents involved:

7. Total fee (37 CFR 3.41): \$ 40.00

Enclosed

Authorized to be charged to deposit account

8. Deposit account number:

18-0650

DO NOT USE THIS SPACE

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.

Joseph M. Sorrentino

Name of Person Signing

Signature

December 13, 2000

Date

Total number of pages comprising cover sheet:

PATENT

ASSIGNMENT

WHEREAS, AMGEN INC. (hereinafter "AMGEN"), a corporation organized under the laws of the State of Delaware and having a place of business at One Amgen Center Drive, Thousand Oaks, California 91320-1799, assignee of interest in U.S. and foreign Patents and U.S. and foreign Patent Applications, listed on Appendix A hereto;

WHEREAS, REGENERON PHARMACEUTICALS, INC. (hereinafter "REGENERON"), a corporation organized under the laws of New York and having a place of business at 777 Old Saw Mill Road, Tarrytown, New York 10591-6707, is desirous of acquiring all interest in and to said inventions and to the Patents and Patent Applications listed in Appendix A to be obtained therefor;

NOW, THEREFORE, be it known to all whom it may concern:

THAT for good and valuable consideration the receipt of which is hereby acknowledged, AMGEN has and does hereby sell, assign, transfer and set over unto REGENERON, its successors and assigns, the full and exclusive right, title and interest including all rights acquired in foreign countries, in and to said Patents and Patent Applications (listed in on attached Appendix A and incorporated herein by reference), including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, prolongations or extensions thereof, and in and to any and all letters patents to be granted and issued therefor, not only for, to and in the United States of America, its territories and possessions, but for, to and in all other countries; and it has been and is hereby authorized and requested that the appropriate government agencies issue said letters patents to REGENERON, in accordance with this assignment.

THIS 30 day of October, 2000.

AMGEN INC.



By: *Steven M. Odre*

Name: Steven M. Odre

Title: General Counsel, Senior Vice President, Intellectual Property, Secretary

STATE OF CALIFORNIA)

)

COUNTY OF VENTURA)

On October 30, 2000, before me personally appeared Steven M. Odre, known to me to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Kathleen A. Schump
Notary Public

20007238

APPENDIX A

<u>Country</u>	<u>Application No.</u>	<u>Filing Date</u>	<u>Patent No.</u>	<u>Grant Date</u>	<u>Status</u>
AT	A 9011/90	Jan 05 1990	405835	Nov 25 1999	Grant
AT	A 1278/92	Jun 23 1992	400721	Mar 25 1996	Grant
AU	48381/90	Jan 05 1990	642858	Dec 24 1998	Grant
BE	90112353.9	Jun 28 1990	0421059	Sep 04 1996	Grant
CA	2,006,813-2	Jan 02 1990			Pending
CH	2920/90	Jan 05 1990	681426	Mar 31 1993	Grant
DD	C12N/3369417	Jan 04 1990	299318	Apr 09 1992	Grant
DE	P4090006.1	Jan 05 1990	4090006	Sep 19 1996	Grant
DE	P 4042643.2	Sep 20 1995			Pending
DK	1313/91	Jan 05 1990			Pending
EP	90100226.1	Jan 05 1990	0385060	Aug 28 1996	Gone National
EP	90112353.9	Jun 28 1990	0421059	Sep 04 1996	Gone National
ES	90100226.1	Jan 05 1990	0385060	Aug 28 1996	Grant
FI	913251	Jan 05 1990	104375	Jan 14 2000	Grant
FR	90112353.9	Jun 28 1990	0421059	Sep 04 1996	Grant
GB	9113704.2	Jan 05 1990	2246132	Sep 15 1993	Grant

20007238

PATENT
REEL: 011390 FRAME: 0327

<u>Country</u>	<u>Application No.</u>	<u>Filing Date</u>	<u>Patent No.</u>	<u>Grant Date</u>	<u>Status</u>
GR	90100226.1	Jan 05 1990	0385060	Aug 28 1996	Grant
HU	997/90	Jan 05 1990	217102	Feb 04 2000	Grant
HU	P/P00452	Jan 05 1990	211.933	Nov 24 1995	Grant
IE	1990/0020	Jan 03 1990	81151	Apr 05 2000	Grant
IL	92958	Jan 03 1990	92958	Nov 12 1998	Grant
IT	90112353.9	Jun 28 1990	0421059	Sep 04 1996	Grant
JP	2-502273	Jan 05 1990	2137612	Jul 31 1998	Grant
KR	701975/1990	Jan 05 1990	73098	Apr 25 1994	Grant
LU	87970	Jan 05 1990	87970	Dec 16 1991	Grant
MX	19012	Jan 04 1990	189628	Sep 14 1998	Grant
MX	953914	Sep 13 1995			Pending
NO	P964837	Nov 14 1996			Pending
NZ	231985	Jan 04 1990	231985	Apr 28 1993	Grant
PH	39843	Jan 04 1990	28141	Mar 22 1994	Grant
PH	46793	Sep 01 1993	30033	Nov 08 1996	Grant
PL	P-283204	Jan 05 1990	164726	Mar 09 1994	Grant
RU	5001145/13	Jan 05 1990	2113482	Jun 20 1998	Grant
SE	9102079-2	Jan 05 1990	513358	Aug 28 2000	Grant

20007238

PATENT
REEL: 011390 FRAME: 0328

<u>Country</u>	<u>Application No.</u>	<u>Filing Date</u>	<u>Patent No.</u>	<u>Grant Date</u>	<u>Status</u>
TW	79100096	Jan 08 1990	NI-55897	Apr 01 1992	Grant
US	07/293,851	Jan 05 1989	5,011,914	Apr 30 1991	Grant
US	07/404,533	Sep 08 1989	4,997,929	Mar 05 1991	Grant
US	07/458,564	Dec 28 1989	5,141,856	Aug 25 1992	Grant
US	08/448,909	May 24 1995	5,780,600	Jul 14 1998	Grant
US	08/130,561	Sep 20 1993			Pending
US	08/704,479	Aug 26 1996	5,691,313	Nov 25 1997	Grant
ZA	90/0081	Jan 05 1990	90/0081	Sep 26 1990	Grant

2 0 0 0 7 2 3 8

PATENT
REEL: 011390 FRAME: 0329

Assignments from Amgen Inc. to Regeneron Pharmaceuticals, Inc.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

December 13, 2000

Commissioner of Patents
U.S. Patent and Trademark Office
BOX ASSIGNMENT
Washington, D.C. 20231

TRANSMITTAL OF ASSIGNMENTS FROM AMGEN INC.
TO REGENERON PHARMACEUTICALS, INC.

Dear Sir:

Enclosed you will find Recordation Sheets and Assignments from Amgen Inc. to Regeneron Pharmaceuticals, Inc. for the patent applications/patents identified below.

A chain of title from the inventor(s) of the patent applications/patents identified below to the current assignee is as follows:

1. Patent No. 5,011,914 (Application No. 07/293,851): From inventors to Synergen . The document was recorded in the Patent and Trademark Office at: Reel/frame No. 5051/0073 on February 28, 1999.
2. Patent No. 4,997,929 (Application No. 07/404,533); and Application No. 08/130,561: From inventors to Synergen. The document was recorded in the Patent and Trademark Office at: Reel/frame No. 5180/456 on November 3, 1989.
3. Patent No. 5,141,856 (Application No. 07/458,564); and Patent No. 5,780,600 (Application No. 08/448,909): From inventors to Synergen. The document was recorded in the Patent and Trademark Office at Reel/frame No. 5210/046 on December 28, 1989.
4. Patent No. 5,691,313 (Application No.: 08/704,479): From inventor to Amgen Inc. at Reel/frame No. 8596/0272 on August 6, 1997.

PATENT
REEL: 011390 FRAME: 0330

5. Recordation of merger/name change from Synergen Inc. to Amgen Boulder Inc. at Reel/frame No. 011111/0449 on August 1, 2000.
6. Recordation of merger/name change from Amgen Boulder Inc. to Amgen Inc. at Reel/frame No. 011111/0426 on August 1, 2000.



Joseph M. Sorrentino

Reg. No. 32,598

Regeneron Pharmaceuticals, Inc.

777 Old Saw Mill River Road

Tarrytown, New York 10591

(914) 345-7400