

MRD
2/19/2



102009007

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

1. Name of conveying party(ies):

Nicholas J. Papadopoulos
Samuel Davis
George D. Yancopoulos

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

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

Name: Regeneron Pharmaceuticals, Inc.

Internal Address: _____

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: February 4, 2002

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)

USSN 10/009,852

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Linda O. Palladino
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

03/11/2002 AMHED1 00000019 180650 10009852
01 FC:581 40.00 CH

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.

Linda O. Palladino

Name of Person Signing

Linda O. Palladino
Signature

February 4, 2002

Date

ASSIGNMENT

WHEREAS, We, Nicholas J. Papadopoulos, residing at 59 Heritage Lane, Lagrangeville, New York 12540, a citizen of the United States of America, Samuel Davis, residing at 332 W. 88th Street #B2, New York, New York 10024, a citizen of the United States of America, and George D. Yancopoulos, residing at 1519 Baptist Church Road, Yorktown Heights, New York 10598, a citizen of the United States of America (HEREINAFTER CALLED "ASSIGNORS") are inventor(s) of the invention(s) disclosed and/or claimed in the following patent application:

USSN 10/009,852 filed December 6, 2001,
which is the national stage filing of PCT/US00/14142 filed June 8, 1999;

WHEREAS, REGENERON PHARMACEUTICALS INC., a corporation organized and existing under the laws of the State of New York, with offices at 777 Old Saw Mill River Road, Tarrytown, New York 10591-6707, U.S.A. (HEREINAFTER called "ASSIGNEE") is desirous of acquiring our entire right, title and interest in, to, and under the said applications;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, We, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over unto the said ASSIGNEE, its successors, legal representatives, and assigns, our entire right, title and interest for all countries in and to any and all inventions which are disclosed and claimed, and any and all inventions which are disclosed but not claimed in the above-described United States applications, and in and to said United States Applications and all divisions, renewals, continuations, and continuations-in-part thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents utility models, and designs which may hereafter be filed for said inventions in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States applications under the Patent Laws of the United States, the International Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under the European Patent Convention, or under any other available international agreement or under the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said inventions in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States and any Official of any country or countries foreign to the United States

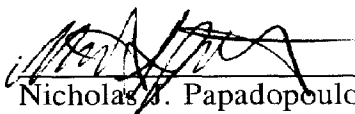
whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, their successors, legal representatives and assigns, in accordance with this instrument;

AND WE HEREBY covenant and agree that WE have full right to convey the entire interest HEREINAFTER assigned, and that WE have not executed, and will not execute, any agreement in conflict herewith;

AND WE HEREBY further covenant and agree that WE will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said inventions, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, continuation-in-part, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said inventions in all countries.

IN TESTIMONY HEREOF, WE hereunto set our hands and seals the day and year set opposite our signatures.

Dated: 2/4/02

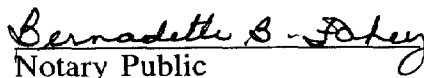
 L.S.
Nicholas J. Papadopoulos

State of New York

S.S.

County of Westchester

On this 4th day February 2002, before me, Bernadette B. Fahey, a Notary Public in and for the State and County aforesaid, personally appeared Nicholas J. Papadopoulos, to me known, and to me known to be the person of that name, who signed and sealed the foregoing instrument, and acknowledged the same to be his free act and deed.


Notary Public

BERNADETTE B. FAHEY
Notary Public, State of New York
No. 01FA6035879
Qualified in Putnam County
Commission Expires January 10, 2006

PATENT
REEL: 012639 FRAME: 0224

Dated: 2/4/02

Samuel Davis L.S.
Samuel Davis

State of New York

S.S.

County of Westchester

On this 4th day February 2002, before me, Bernadette B. Fahey, a Notary Public in and for the State and County aforesaid, personally appeared Samuel Davis, to me known, and to me known to be the person of that name, who signed and sealed the foregoing instrument, and acknowledged the same to be his free act and deed.

BERNADETTE B. FAHEY
Notary Public, State of New York
No. 01FA6035878
Qualified in Putnam County
Commission Expires January 19, 2006

Bernadette B. Fahey
Notary Public

Dated: 2/4/02

George D. Yancopoulos L.S.
George D. Yancopoulos

State of New York

S.S.

County of Westchester

On this 4th day February 2002, before me, Bernadette B. Fahey, a Notary Public in and for the State and County aforesaid, personally appeared George D. Yancopoulos, to me known, and to me known to be the person of that name, who signed and sealed the foregoing instrument, and acknowledged the same to be his free act and deed.

Bernadette B. Fahey
Notary Public

BERNADETTE B. FAHEY
Notary Public, State of New York
No. 01FA6035878
Qualified in Putnam County
Commission Expires January 19, 2006