

05-14-2002

Atty. Docket No. DX01341

FORM PTO-1595
1-31-92



**COVER SHEET
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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

102088895

To the Honorable Commissioner of Patents and Trademarks, please record the attached original documents of copy thereof.

1. Name of conveying party(ies):

- 1. Pedro Reche-Gallardo
- 2. Vassili Soumelis
- 3. Yong-Jun Liu
- 4. Rene de Waal Malefyt
- 5. J. Fernando Bazan
- 6. Robert A. Kastelein

5-8-02

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

Name: SCHERING CORPORATION

Internal Address:

Street Address:

2000 Galloping Hill Road

City: Kenilworth State: NJ ZIP: 07033

Additional names(s) & address(es) attached? Yes No

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name

Execution Dates: 19-MAR-02, 29-MAR-02, 26-MAR-02, 01-APR-02, 29-MAR-02, 29-MAR-02, respectively.

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)

10/008,566

B. Patent No.(s)

Additional numbers attached? Yes No

OFFICE OF PATENT RECORDS
2002 MAR -6 AM 11:27
FINANCE SECTION

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

Name: Sheela Mohan-Peterson

Street Address: DNAX Research Institute

901 California Avenue

City: Palo Alto State: CA ZIP: 94304-1104

6. Total number of applications and patents involved: (1)

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

Enclosed

Authorized to be charged to deposit account

8. Deposit account number:

DNAX Research Institute 04-1239

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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.

Sheela Mohan-Peterson, Reg. No. 41,201
Name of Person Signing

Signature

April 6 2002, 2002
Date

Total number of pages comprising cover sheet and assignment: 4

OMB No. 0551-0011 (exp 4/94)

05/14/2002 GTDN11 00000035 041239 10008566
01 FC:581 40.00 CH

**PATENT
REEL: 012876 FRAME: 0241**

(Joint)

ASSIGNMENT

For good and valuable consideration paid to us,

(1) Pedro A. Reche-Gallardo, (2) Vassili Soumelis, (3) Yong-Jun Liu, (4) Rene de Waal Malefyt,
(5) J. Fernando Bazan and (6) Robert A. Kastelein respectively residing at:

(1) Boston, MA, (2) Paris, France, (3) Palo Alto, CA, (4) Sunnyvale, CA, (5) Palo Alto, CA and
(6) Redwood City, CA.

by **SCHERING CORPORATION**, a corporation organized under the laws of the State of New Jersey, United States of America, having its principal office at 2000 Galloping Hill Road, Kenilworth, New Jersey 07033, United States of America, (hereinafter called "**ASSIGNEE**"), we each do hereby sell, assign and transfer to said **ASSIGNEE** each of our entire right, title and interest in all countries of the world in and to any and all of our inventions and discoveries described in the patent application entitled

MAMMALIAN CYTOKINES; RECEPTORS; RELATED REAGENTS AND METHODS

and officially identified* by the United States Patent and Trademark Office as Application Number 10/008,566 filed on November 11, 2001, and/or by the World Intellectual Property Organization as International Patent Application Number _____ filed on _____, 20____, in and to the right to file patent applications in the name of **ASSIGNEE**, its designee, or in any or all of our names, at its election, on the aforesaid inventions and discoveries in all countries of the world, together with all rights of priority in the aforesaid countries deriving from the above-identified patent application under the International Convention for the Protection of Industrial Property, under the Inter-American Convention relating to Inventions, Patents, Designs and Industrial Models and under any other international arrangement to which the United States now is or hereafter becomes a signatory, in and to any and all Letters Patent that issue on any of the aforesaid patent applications, in and to any applications claiming priority benefits to a provisional patent application or other applications filed on said inventions, and in and to any continuations, divisions, reissues, renewals and extensions thereof of any of said Letters Patent, the same to be held and enjoyed by said **ASSIGNEE**, its successors, assigns and other legal representatives, to the full ends of the terms for which a Letters Patent therefor may be granted, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

And we hereby covenant and agree that we will at any time, upon the request and at the expense of **ASSIGNEE**, execute and deliver any and all documents that may be necessary or desirable to perfect the title to the foregoing inventions and discoveries, patent applications, and Letters Patent and continuations, divisions, reissues, renewals and extensions thereof in **ASSIGNEE**, its successors, assigns or other legal representatives, including the execution and procurement of any and all further documents evidencing this assignment and sale as may be necessary or desirable for recording the same in the Patent Office of any country concerned, and that we will, at any time, upon the request and at the expense of **ASSIGNEE**, execute any additional or divisional applications for patents for said inventions and discoveries, or any part or parts thereof, and applications for patents of confirmation, registration and importation based on said Letters Patent and on Letters Patent issuing from said additional or divisional

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applications and reissues, renewals and extensions therefor, and will make all rightful oaths and declarations and do all lawful acts requisite for procuring the same or for aiding therein, without further compensation, but at the expense of **ASSIGNEE**, its successors, assigns or other legal representatives.

*We hereby authorize **ASSIGNEE** to insert in this instrument the Application Number and the filing date of said application for Letters Patent when officially notified thereof.

Executed this 19 day of March, 2002.


Pedro A. Reche-Gallardo

L.S.

Executed this _____ day of _____, 20____.

Vassili Soumelis

L.S.

Executed this 26 day of March, 2002.


Yong-Jun Liu

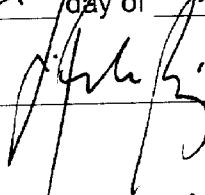
L.S.

Executed this 1 day of April, 2002.


Rene de Waal Malefyt

L.S.

Executed this 29 day of March, 2002.


J. Fernando Bazan

L.S.

Executed this 29 day of March, 2002.



Robert A. Kastelein

L.S.

applications and reissues, renewals and extensions therefor, and will make all rightful oaths and declarations and do all lawful acts requisite for procuring the same or for aiding therein, without further compensation, but at the expense of **ASSIGNEE**, its successors, assigns or other legal representatives.

*We hereby authorize **ASSIGNEE** to insert in this instrument the Application Number and the filing date of said application for Letters Patent when officially notified thereof.

Executed this 19 day of March, 2002.



Pedro A. Reche-Gallardo

L.S.

Executed this 29 day of MARCH, 2002.



Vassili Soumelis

L.S.

Executed this _____ day of _____, 20 _____.

Yong-Jun Liu

L.S.

Executed this _____ day of _____, 20 _____.

Rene de Waal Malefyt

L.S.

Executed this _____ day of _____, 20 _____.

J. Fernando Bazan

L.S.

Executed this _____ day of _____, 20 _____.

Robert A. Kastelein

L.S.