

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT | | | | | | | | | | |
|--|--------------------------|---------------|----------------------|-----------------|--------------------------|----------------|------------|---------------------|------------|-------------------|------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT | | | | | | | | | | |
| CONVEYING PARTY DATA | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Manfred Kopf</td> <td>02/04/2008</td> </tr> <tr> <td>Luigina Romani</td> <td>02/01/2008</td> </tr> <tr> <td>Robert A. Kastelein</td> <td>02/04/2008</td> </tr> <tr> <td>Alissa Chackerian</td> <td>02/04/2008</td> </tr> </tbody> </table> | | Name | Execution Date | Manfred Kopf | 02/04/2008 | Luigina Romani | 02/01/2008 | Robert A. Kastelein | 02/04/2008 | Alissa Chackerian | 02/04/2008 |
| Name | Execution Date | | | | | | | | | | |
| Manfred Kopf | 02/04/2008 | | | | | | | | | | |
| Luigina Romani | 02/01/2008 | | | | | | | | | | |
| Robert A. Kastelein | 02/04/2008 | | | | | | | | | | |
| Alissa Chackerian | 02/04/2008 | | | | | | | | | | |
| RECEIVING PARTY DATA | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>SCHERING CORPORATION</td> </tr> <tr> <td>Street Address:</td> <td>2000 GALLOPING HILL ROAD</td> </tr> <tr> <td>City:</td> <td>KENILWORTH</td> </tr> <tr> <td>State/Country:</td> <td>NEW JERSEY</td> </tr> <tr> <td>Postal Code:</td> <td>07033</td> </tr> </table> | | Name: | SCHERING CORPORATION | Street Address: | 2000 GALLOPING HILL ROAD | City: | KENILWORTH | State/Country: | NEW JERSEY | Postal Code: | 07033 |
| Name: | SCHERING CORPORATION | | | | | | | | | | |
| Street Address: | 2000 GALLOPING HILL ROAD | | | | | | | | | | |
| City: | KENILWORTH | | | | | | | | | | |
| State/Country: | NEW JERSEY | | | | | | | | | | |
| Postal Code: | 07033 | | | | | | | | | | |
| PROPERTY NUMBERS Total: 1 | | | | | | | | | | | |
| <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>PCT Number:</td> <td>US0801717</td> </tr> </tbody> </table> | | Property Type | Number | PCT Number: | US0801717 | | | | | | |
| Property Type | Number | | | | | | | | | | |
| PCT Number: | US0801717 | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | |
| Fax Number: (650)496-1200 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 650-496-1183 Email: MELANIE.LYONS@SPCORP.COM Correspondent Name: MELANIE LYONS Address Line 1: 901 CALIFORNIA AVE. Address Line 4: PALO ALTO, CALIFORNIA 94304 | | | | | | | | | | | |
| ATTORNEY DOCKET NUMBER: | BP06607WO | | | | | | | | | | |
| NAME OF SUBMITTER: | Melanie Lyons | | | | | | | | | | |
| Total Attachments: 6 source=BP06607WO Assignment dtd February 2008#page1.tif | | | | | | | | | | | |

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source=BP06607WO Assignment dtd February 2008#page5.tif
source=BP06607WO Assignment dtd February 2008#page6.tif

ASSIGNMENT

For good and valuable consideration paid to us

- (1) Manfred Kopf, residing at Huttenstrasse 40, 8006 Zurich, Switzerland
- (2) Luigina Romani, residing at Via del Villaggio S. Livia n1, 06122 Perugia, Italy
- (3) Robert A. Kastelein, residing at 463 Summit Drive, Redwood City, CA 94062
- (4) Alissa A. Chackerian, residing at 833 Live Oak Ave., #6, Menlo Park, CA 94025


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** our entire rights, 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

USE OF IL-23 ANTAGONISTS FOR TREATMENT OF INFECTION

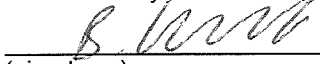
and officially identified by the United States Patent and Trademark Office as Application Number 60/889,475 filed on February 12, 2007, in and to the right to file patent applications in the name of **ASSIGNEE**, its designee, or in any or all of our names, at its election, on the aforesaid inventions 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 are granted from 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 all 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 applications and reissues, renewals and extensions thereof, 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.

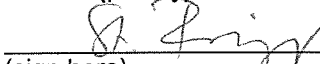
Executed this 4th day of February, 2008.

 L.S.
MANFRED KOPF

Witnessed by:


(sign here)
Name: B. ERNST
(print/type name above)

Date: 4.2.08


(sign here)
Name: S. FREILANG
(print/type name above)

Date: 4.2.08

Executed this 1st day of February, 2008.

Luigina Romani L.S.
 LUIGINA ROMANI

Witnessed by:

Antonella De Luca
 (sign here)
 Name: DE LUCA ANTONELLA
 (print/type name above)

Date: 01-02-08

Domènec D'Angel
 (sign here)
 Name: D'ANGELO CARMEN
 (print/type name above)

Date: 01-02-08

Executed this _____ day of _____, 2008.

 ROBERT A. KASTELEIN L.S.

ACKNOWLEDGEMENT

State of California)
) s.s.:
 County of Santa Clara)

On _____ before me, _____, Notary Public,
 personally appeared _____,
 who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are
 subscribed to the within instrument and acknowledged to me that he/she/they executed the same in
 his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the
 person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the
 foregoing paragraph is true and correct.

WITNESS my hand and official seal.

 Signature of Notary Public

(Notary Seal)

Executed this _____ day of _____, 2008.

ALISSA A. CHACKERIAN L.S.

ACKNOWLEDGEMENT

State of California)
County of Santa Clara) s.s.:

On _____ before me, _____, Notary Public,
personally appeared _____,
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are
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- (3) Robert A. Kastelein, residing at 116 Brookside Dr., Portola Valley, CA 94028
- (4) Alissa A. Chackerian, residing at 833 Live Oak Ave., #6, Menlo Park, CA 94025

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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 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.

Executed this _____ day of _____, 2008.

MANFRED KOPF L.S.

Witnessed by:

(sign here)
Name: _____
(print/type name above)

Date: _____

(sign here)
Name: _____
(print/type name above)

Date: _____

Executed this _____ day of _____, 2008.

L.S.
LUIGINA ROMANI

Witnessed by:

(sign here)
Name: _____
(print/type name above)

Date: _____

(sign here)
Name: _____
(print/type name above)

Date: _____

Executed this 4th day of FEBRUARY, 2008.

Robert A. Kastelein

L.S.
ROBERT A. KASTELEIN

ACKNOWLEDGEMENT

State of California)
) s.s.:
County of Santa Clara)

On 04-Feb-2008 before me, *Sheela Mohan-Peterson*, Notary Public,
personally appeared *Robert A. Kastelein*,
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are
subscribed to the within instrument and acknowledged to me that he/she/they executed the same in
his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the
person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

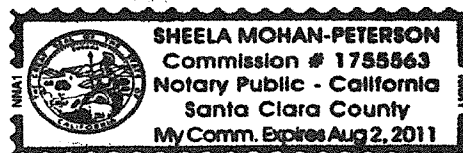
I certify under PENALTY OF PERJURY under the laws of the State of California that the
foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Sheela Mohan-Peterson

Signature of Notary Public

(Notary Seal)



Executed this 4 day of February, 2008.

ALISSA A. CHACKERIAN

ACKNOWLEDGEMENT

State of California)
) s.s.:
County of Santa Clara)

On 04-Feb-2008 before me, Sheela Mohan Peterson, Notary Public,

personally appeared Allisa A. Chackerian,
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are
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