

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>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Manfred Kopf</td> <td>02/25/2010</td> </tr> <tr> <td>Luigina Romani</td> <td>02/17/2010</td> </tr> <tr> <td>Robert A. Kastelein</td> <td>04/22/2010</td> </tr> <tr> <td>Alissa A. Chackerian</td> <td>04/22/2010</td> </tr> </tbody> </table>		Name	Execution Date	Manfred Kopf	02/25/2010	Luigina Romani	02/17/2010	Robert A. Kastelein	04/22/2010	Alissa A. Chackerian	04/22/2010
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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
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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>Application Number:</td> <td>12525003</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12525003						
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Application Number:	12525003										
CORRESPONDENCE DATA											
<p>Fax Number: (650)496-1200 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 6504961183 Email: melanie.lyons@merck.com Correspondent Name: Melanie Lyons Address Line 1: 901 S. California Ave. Address Line 4: Palo Alto, CALIFORNIA 94304</p>											
ATTORNEY DOCKET NUMBER:	BP06607US01										
NAME OF SUBMITTER:	Melanie Lyons										
<p>Total Attachments: 6 source=BP06607 Assignment#page1.tif</p>											

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PATENT
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(Joint)

PATENT CASE: BP06607

WORLDWIDE ASSIGNMENT

WHEREAS, WE,

- (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 116 Brookside Dr., Portola Valley, CA 94028
- (4) Alissa A. Chackerian, residing at 895 Hazelnut Ct., Sunnyvale, CA 94087

(hereinafter ASSIGNORS), are the inventors of the invention claimed in

USE OF IL-23 ANTAGONISTS FOR TREATMENT OF INFECTION

for which we have filed/will be filing an application in the U.S. Receiving Office (the United States Patent and Trademark Office) officially identified* as International Patent Application Number PCT/US2008/01717 on February 8, 2008 and/or with the United States Patent and Trademark Office officially identified* as Application Number 12/525,003 371(c) filed on April 30, 2010; and

WHEREAS, **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 **ASSIGNEE**), is desirous of obtaining the entire right, title and interest in, to and under the invention disclosed in said application or applications;

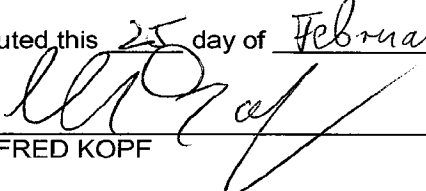
NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, said ASSIGNORS, do each hereby sell, assign and transfer to said **ASSIGNEE** our entire right, title and interest in all countries of the world in and to our invention described in said patent application or applications, 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 invention 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 invention, 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 invention, 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 invention, 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.


And we further covenant and agree that we will at any time, upon request, communicate to **ASSIGNEE**, its successors, assigns or other legal representatives, any facts relating to the said invention and Letters Patent, or the history thereof known to us, and will testify as to the same in any interference, litigation, or any other legal proceeding, when requested to do so.

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


Executed this 25 day of February, 2010.

 L.S.
MANFRED KOPF

Witnessed by:


(sign here) Dr. Corina Schütt
Name: Technology Manager ETH Zurich
(print/type name above)

Date: 24.3.10


(sign here) Dr. A. Mundy Tech. Manager ETH Zurich
Name: Dr. A. Mundy Tech. Manager ETH Zurich
(print/type name above)

Date: 24.3.10

Executed this _____ day of _____, 2010.

L.S.
LUIGINA ROMANI

Witnessed by:

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

Date: _____

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

Date: _____

Executed this 22 day of APRIL, 2010.

Robert A. Kastelein L.S.
ROBERT A. KASTELEIN

ACKNOWLEDGEMENT

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

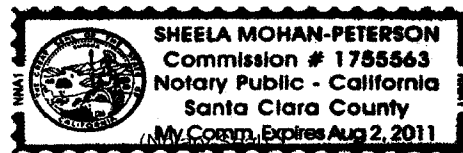
On 22-APRIL-2010 before me, Sheela Mohan-Peterson, Notary Public,

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



Executed this 22 day of April, 2010.

Alissa A. Chackerian L.S.
ALISSA A. CHACKERIAN

ACKNOWLEDGEMENT

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

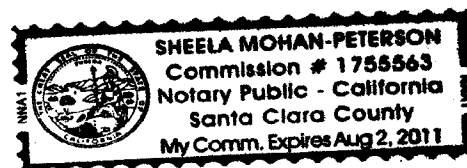
On 22-APRIL-2010 before me, Sheela Mohan-Peterson, Notary Public,

personally appeared Alissa A. Chackerian
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
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Signature of Notary Public



(Notary Seal)

(Joint)

PATENT CASE: BP06607

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NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, said ASSIGNORS, do each hereby sell, assign and transfer to said **ASSIGNEE** our entire right, title and interest in all countries of the world in and to our invention described in said patent application or applications, 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 invention 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 invention, 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.

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

Executed this _____ day of _____, 2010.

MANFRED KOPF L.S.

Witnessed by:

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

Date: _____


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

Date: _____

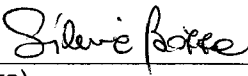
Executed this 17 day of February, 2010.

 L.S.
LUIGINA ROMANI

Witnessed by:


(sign here)
Name: CRISTINA MASSI BENEDETTI
(print/type name above)

Date: 02/17/2010


(sign here)
Name: SILVIA BOZZA
(print/type name above)

Date: 02/17/2010

Executed this _____ day of _____, 2010.

ROBERT A. KASTELEIN L.S.

ACKNOWLEDGEMENT

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

On _____ before me, _____, 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.

Signature of Notary Public

(Notary Seal)

Executed this _____ day of _____, 2010.

ALISSA A. CHACKERIAN L.S.

ACKNOWLEDGEMENT

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

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