

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>Ulf Bremberg</td> <td>04/28/2003</td> </tr> <tr> <td>Patrizia Caldirola</td> <td>04/26/2003</td> </tr> <tr> <td>Annika J. Jensen</td> <td>05/06/2003</td> </tr> <tr> <td>Gary Johansson</td> <td>05/06/2003</td> </tr> <tr> <td>Lori Sutin</td> <td>05/06/2003</td> </tr> <tr> <td>Andrew Mott</td> <td>05/09/2003</td> </tr> <tr> <td>Jan Tejbrant</td> <td>05/07/2003</td> </tr> </tbody> </table>		Name	Execution Date	Ulf Bremberg	04/28/2003	Patrizia Caldirola	04/26/2003	Annika J. Jensen	05/06/2003	Gary Johansson	05/06/2003	Lori Sutin	05/06/2003	Andrew Mott	05/09/2003	Jan Tejbrant	05/07/2003
Name	Execution Date																
Ulf Bremberg	04/28/2003																
Patrizia Caldirola	04/26/2003																
Annika J. Jensen	05/06/2003																
Gary Johansson	05/06/2003																
Lori Sutin	05/06/2003																
Andrew Mott	05/09/2003																
Jan Tejbrant	05/07/2003																
RECEIVING PARTY DATA																	
Name:	Biovitrum AB																
Street Address:	SE-112 76																
City:	Stockholm																
State/Country:	SWEDEN																
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>11214523</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11214523												
Property Type	Number																
Application Number:	11214523																
CORRESPONDENCE DATA																	
Fax Number:	(877)769-7945																
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																	
Phone:	(617) 521-7032																
Email:	leach@fr.com																
Correspondent Name:	John T. Kendall, Ph.D.																
Address Line 1:	FISH & RICHARDSON P.C.																
Address Line 2:	P.O.BOX 1022																
Address Line 4:	MINNEAPOLIS, MINNESOTA 55440-1022																
ATTORNEY DOCKET NUMBER:	13425-060004																

CH \$40.00 11214523

NAME OF SUBMITTER:

Jonathan N. Leach

Total Attachments: 8

source=13425-06002Assign#page1.tif

source=13425-06002Assign#page2.tif

source=13425-06002Assign#page3.tif

source=13425-06002Assign#page4.tif

source=13425-06002Assign#page5.tif

source=13425-06002Assign#page6.tif

source=13425-06002Assign#page7.tif

source=13425-06002Assign#page8.tif

ASSIGNMENT

For valuable consideration, we, ULF BREMBERG of Uppsala, Sweden, PATRIZIA CALDIROLA of Uppsala, Sweden, ANNIKA J. JENSEN of Uppsala, Sweden, GARY JOHANSSON of Uppsala, Sweden, LORI SUTIN of Stockholm, Sweden, ANDREW MOTT of Knivsta, Sweden, JAN TEJBRANT of Enskede, Sweden, hereby assign to:

Biovitrum AB, a corporation of Sweden having a place of business at:

SE-112 76 Stockholm
SWEDEN; and

its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled NEW COMPOUNDS, filed May 13, 2002, and assigned U.S. Serial Number 10/144,677, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, and any and all continuation, continuation-in-part, and divisional applications, and any and all United States and foreign patents (including reissues, reexaminations, extensions), utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment, the effectiveness of this assignment including as of the filing date of the above-identified application(s) and any applications from which the above-identified application(s) claim benefit of.

IN WITNESS WHEREOF, I hereto set my hand and seal at Biovitrum,
this 28 day of April, 2003
Ulf Bremberg L.S.
ULF BREMBERG

[Signature]
Witness Signature

2003-05-06
Date

Mattias Ögren
Witness Name

[Signature]
Witness Signature

2003-05-06
Date

Mattias Ögren
Witness Name

IN WITNESS WHEREOF, I hereto set my hand and seal at BioVITrum,
this 26 day of April, 2003
PATRIZIA CALDIROLA L.S.
PATRIZIA CALDIROLA

[Handwritten Signature]
Witness Signature

2003 04 26
Date

BENGT LINDEQUIST
Witness Name

[Handwritten Signature]
Witness Signature

2003 04 26
Date

MEREDITH WILLIAMS.
Witness Name

IN WITNESS WHEREOF, I hereto set my hand and seal at Brentwood,
this 6 day of May, 20 03
Annika J. Jensen L.S.
ANNIKA J. JENSEN

[Signature]
Witness Signature

2003-05-06
Date

Mathias Ogren
Witness Name

[Signature]
Witness Signature

2003-05-06
Date

Michael Weber
Witness Name

IN WITNESS WHEREOF, I hereto set my hand and seal at Biovitrum,
this 6 day of May, 2003
Gary Johansson L.S.
GARY JOHANSSON

Eva Axén
Witness Signature

2003-05-06
Date

EVA AXÉN
Witness Name

Lars Tedenborg
Witness Signature

2003-05-06
Date

LARS TEDENBORG
Witness Name

IN WITNESS WHEREOF, I hereto set my hand and seal at Biovitrum,
this 6 day of May, 2003
Lori Sutin L.S.
LORI SUTIN

[Signature]
Witness Signature

2003-05-07
Date

Rikard Emand
Witness Name

[Signature]
Witness Signature

2003-05-07
Date

JESSICA MARTINSON
Witness Name

IN WITNESS WHEREOF, I hereto set my hand and seal at Uppsala,
this 9th day of May, 2003.
Andrew Mott L.S.
ANDREW MOTT

[Signature]
Witness Signature

030509
Date

Malin Graffner-Nordberg
Witness Name

[Signature]
Witness Signature

030509
Date

Katrina Beierlein
Witness Name

IN WITNESS WHEREOF, I hereto set my hand and seal at Bloomington,
this 7 day of May, 2003

JAN TEJBRANT L.S.

J.P. Shilcock
Witness Signature

2003-05-07
Date

JOHN P. SHILCOCK
Witness Name

Tobias Ginman
Witness Signature

2003-05-07
Date

Tobias Ginman
Witness Name