

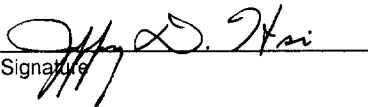
05-21-2003

Substitute Form PTO-1595
Attorney Docket No.: 13425-060002
Client's Ref. No.: 00477/00478-US

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VER SHEET
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5-14-03

| | |
|---|---|
| Commissioner for Patents: Please record the attached original document(s) or copy(ies). | |
| 1. Name of conveying party(ies): Ulf Bremberg, Patrizia Caldirola, Annika J. Jensen, Gary Johansson, Lori Sutin, Andrew Mott and Jan Tejbrant Additional name(s) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 2. Name and address of receiving party(ies): Biovitrum AB SE-112 76 Stockholm SWEDEN Additional names/addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: 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 | |
| 4. Application number(s) or patent number(s): If this document is being filed with a new application, the execution date of the application is: A. Patent Application No(s): 10/144,677 B: Patent No(s): Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |
| 5. Name/address of party to whom correspondence concerning document should be mailed: JEFFREY D. HSI Fish & Richardson P.C. 225 Franklin Street Boston, Massachusetts 02110-2804 | 6. Total number of applications/patents involved: 1 7. Total fee (37 CFR §3.41): \$40 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to charge Deposit Account. 8. Deposit Account No.: 06-1050 Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050. |
| DO NOT USE THIS SPACE | |
| 9. Statement and Signature: <i>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.</i> Jeffrey D. Hsi Reg. No. 40,024 Name of Person Signing  Signature May 16, 2003 Date | |
| Total number of pages including coversheet, attachments and document: 9 | |

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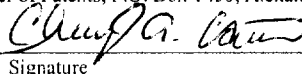
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CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Mail Stop Assignment Recordation Services, Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

5-16-03
Date of Deposit
SignatureCheryl A. Baron
Typed Name of Person Signing CertificatePATENT
REEL: 014079 FRAME: 0040

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 Biovitum,
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

Bengt Lindqvist
Witness Signature

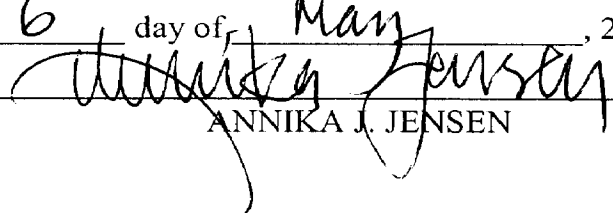
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Date

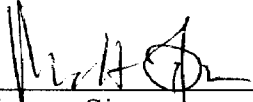
BENGT LINDQVIST
Witness Name

Meredith Williams
Witness Signature

2003 04 26
Date


MEREDITH WILLIAMS.
Witness Name

IN WITNESS WHEREOF, I hereto set my hand and seal at Brenton,
this 6 day of May, 2003
 L.S.
ANNIKA J. JENSEN


Witness Signature

2003-05-06
Date

Mattias Ögren
Witness Name


Witness Signature

2003-05-06
Date

Michael Weber
Witness Name

IN WITNESS WHEREOF, I hereto set my hand and seal at Bjovitrum,
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

Rikard Emend
Witness Signature

2003-05-07
Date

Rikard Emend
Witness Name

Jessica
Witness Signature

2003-05-07
Date

JESSICA MARTINSON
Witness Name

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

Malin Graffner-Nesdberg
Witness Signature

030509
Date

Malin Graffner-Nesdberg
Witness Name

Katrina Beierlein
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

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