

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Zi-Hua Jiang</td><td>02/01/2006</td></tr><tr><td>R. Rao Koganty</td><td>01/18/2006</td></tr><tr><td>Wladyslaw Budzynski</td><td>02/05/2006</td></tr></tbody></table>	Name	Execution Date	Zi-Hua Jiang	02/01/2006	R. Rao Koganty	01/18/2006	Wladyslaw Budzynski	02/05/2006	
Name	Execution Date								
Zi-Hua Jiang	02/01/2006								
R. Rao Koganty	01/18/2006								
Wladyslaw Budzynski	02/05/2006								
RECEIVING PARTY DATA									
Name:	Biomira, Inc.								
Street Address:	Edmonton Research Park, 2011-94 Street								
City:	Edmonton, Alberta								
State/Country:	CANADA								
Postal Code:	TGN 1H1								
PROPERTY NUMBERS Total: 1									
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>10513556</td></tr></tbody></table>	Property Type	Number	Application Number:	10513556					
Property Type	Number								
Application Number:	10513556								
CORRESPONDENCE DATA									
Fax Number: (202)737-3528 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
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Address Line 1: 624 Ninth Street NW									
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ATTORNEY DOCKET NUMBER:	JIANG5A								
NAME OF SUBMITTER:	Iver P. Cooper								
Total Attachments: 11 source=assign02feb06jiang5A#page1.tif									

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Assignment of Invention

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Attorney Docket: JIANG5A

Title: LIPID A AND OTHER CARBOHYDRATE LIGAND ANALOGS

WORLDWIDE ASSIGNMENT FROM INDIVIDUALS

WHEREAS I own all or part of an invention whose present title is that set forth above,

for which patent applications have been

() drafted and attached hereto

() executed on even date herewith¹,

(X) filed as set forth below:

US 60/378,645 May 9, 2002

PCT PCT/US2003/014633 May 9, 2003

Of which 10/513,556 is the U.S. National Stage

AND WHEREAS Biomira, Inc. of Edmonton Research Park, 2011-94 Street, Edmonton, Alberta Canada TGN 1H1 (hereinafter ASSIGNEE) is interested in acquiring the entirety of my right, title and interest in said invention, and related patents and applications, worldwide:

NOW THEREFORE IT IS AGREED BETWEEN MYSELF AND ASSIGNEE THAT:

1. Definitions:

¹ Use this box only if §1.63 declaration executed the same day.

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1.1. ASSIGNED APPLICATIONS hereby means (a) any executed or filed application identified above, or any draft application attached hereto; (b) any application filed in the U.S. (provisional or nonprovisional), a foreign country, or under an international treaty (e.g., PCT), from which an application of (a) above directly or indirectly claims the benefit, under the Paris Convention or under U.S. (e.g., 35 USC 120 or 119(e)) or foreign law; and (c) any application, filed in the U.S., a foreign country, or under an international treaty (including PCT), which directly or indirectly claims the benefit, under the Paris Convention or under U.S. or foreign law, of an application of (a) or (b) above, including without limitation any continuation, division, or continuation-in-part applications. Applications include both applications for patents and applications for other forms of protection for inventions, such as inventors' certificates.

1.2. ASSIGNED PATENTS hereby means any U.S. or foreign patent identified above, or which has issued or hereafter issues on an ASSIGNED APPLICATION, including any reissues, reexaminations, renewals or extensions of such patents; and any other form of protection for inventions, such as an inventors' certificate, which may be granted in the U.S. or a foreign country (or group of countries).

1.3. ASSIGNED INVENTIONS hereby means any invention, to which I made an inventive contribution, which was disclosed in an ASSIGNED APPLICATION or an ASSIGNED PATENT, whether or not such invention was claimed, and whether or not such invention was conceived or made at the time of execution of this assignment.

2. Assignment

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I hereby assign all of my right, title and interest in the ASSIGNED INVENTIONS, the ASSIGNED APPLICATIONS, and the ASSIGNED PATENTS, and any right to assert domestic or foreign priority from the ASSIGNED APPLICATIONS, to ASSIGNEE. In the case of CIPs, this assignment includes inventions first disclosed in said CIP.

3. Cooperation with Prosecution

I agree to execute, whenever requested by ASSIGNEE or its legal representatives, all lawful patent applications, assignments, declarations, disclaimers, and other papers, and to carry out such other lawful acts, which ASSIGNEE or its legal representatives may deem necessary or desirable for securing or maintaining said patents or other forms of protection or for establishing ASSIGNEE's title therein; to provide ASSIGNEE or its legal representatives with such executed papers, and with all pertinent facts and documents relating to said application as may be known or reasonably accessible to me; and to testify on behalf of ASSIGNEE in any legal proceeding related thereto; all without further compensation to me (except for compensation of reasonably incurred out-of-pocket expenses); and all in an expeditious and conscientious manner.

I also agree that I will not testify in a legal proceeding relating to said patents or applications on behalf of another party, or otherwise assist another party in connection with such a legal proceeding or in connection with any evaluation of the patentability, validity or scope of said patents and applications, without the prior written consent of ASSIGNEE or its legal representatives, if such consent can be lawfully required by ASSIGNEE.

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Nothing herein should be construed to imply an obligation on my part to satisfy expenses of prosecuting and maintaining any ASSIGNED APPLICATION or ASSIGNED PATENT.

4. Request for Patent Grant

I hereby authorize and request the patent office officials throughout the world to issue any and all patents or other forms of protection for inventions resulting from the aforesaid applications to ASSIGNEE, as ASSIGNEE of the interest here assigned.

5. Warranty of Title; Acknowledgment of Duty of Disclosure

I hereby covenant and warrant that I possess some right, title and interest in said invention or in one or more of said draft applications, applications, patents or other forms of protection, that I have fully disclosed to ASSIGNEE or its legal representatives, in writing, all encumbrances, clouds or limitations which are or should be known to me which affect my right, title and interest, in the United States or any foreign country, and that I have likewise disclosed to ASSIGNEE or its legal representatives the identity of all other persons, natural or juristic, possessing or claiming to possess some right, title or interest in the foregoing. (If such persons are listed as inventors at the end of this Assignment form, then that constitutes a disclosure of identity.) This duty of disclosure is a continuing one and I will inform ASSIGNEE or its legal representatives of any relevant information which becomes known to me after the execution of this Assignment.

I will, upon ASSIGNEE's request, or that of or its legal representatives, provide information known to or readily ascertainable by me concerning the locations of such persons and

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Attorney Docket: JIANGSA

Title: LIPID A AND OTHER CARBOHYDRATE LIGAND ANALOGS

the circumstances allegedly giving rise to their right, title or interest, such as their alleged inventive contributions.

I hereby covenant and warrant that (except as set forth in an attached written disclosure which is incorporated by reference herein) I have full right to convey the entire interest herein assigned, that I have not executed, and will not execute, any agreement in conflict therewith, and that I have and will comply with the duty of disclosure with respect to said application.

6. Authority to Identify and Correct

I hereby grant Iver P. Cooper, Reg. No. 28,005, and other attorneys of Browdy and Neimark, a delegable power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office or any foreign patent office for recordation of this document, or to make such corrections on this Assignment as I may authorize, or the Assignee may authorize, orally or in writing.

7. Biological Materials; Right of Reference

I assign to ASSIGNEE all of my right, title and interest in any biological materials I have developed, propagated or deposited during the course of employment with ASSIGNEE, or which are referred to in said application, or which may be necessary to enable one to make or use said invention, and agree that ASSIGNEE shall have control over any deposits which I have caused to be made of such biological materials.

I likewise assign to ASSIGNEE my right of reference, for purposes of obtaining regulatory approval, to any data which I have developed during the course of employment with ASSIGNEE, or which are referred to in said application, or which may be necessary to enable one to make or use said invention.

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8. Successors in Interest

The terms and covenants of this assignment shall inure to the benefit of said ASSIGNEE, its heirs, successors, administrators, and assigns, and shall be binding upon my heirs, successors, administrators and assigns.

9. Real Party in Interest

I recognize that this assignment of my rights in this application makes the ASSIGNEE the real party in interest with respect thereto and that the ASSIGNEE's interests will then be represented by the attorney(s) and/or agent(s) appointed by them to the exclusion of any of my personal interests which may conflict therewith. In the event of any dispute which I may have with ASSIGNEE over the subject matter of this assignment, I acknowledge that I will have to retain independent legal counsel with respect thereto at my own expense.

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Title: LIPID A AND OTHER CARBOHYDRATE LIGAND ANALOGS

Signature

Date Feb. 01. 2006 Zi-Hua JIANG

Signature

Date _____ R. Rao KOGANTY

Signature

Date _____ Wladyslaw BUDZYNSKI

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Title: LIPID A AND OTHER CARBOHYDRATE LIGAND ANALOGS

Signature

Date _____ Zi-Hua JIANG

Signature

Date 18 Jan. 06  R. Rao KOGANTY

Signature

Date _____ Wladyslaw BUDZYNSKI

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WITNESS³

I, Susan Weber, hereby attest that I witnessed the signature of this assignment by [insert name(s)]

R. Rao Koganty

who is/are personally known to me or who offered proper proof of identity.

Susan Weber (signed)

Susan Weber (typed)

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³ Witnessing is desirable if the assignment is to be recorded in Canada.

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Title: LIPID A AND OTHER CARBOHYDRATE LIGAND ANALOGS

Signature

Date _____ Zi-Hua JIANG

Signature

Date _____ R. Rao KOGANTY

Signature

Date 5 Feb, 2006 Wladyslaw BUDZYNSKI

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WITNESS³

I, Borbona Budzynski, hereby attest that I witnessed the signature of this assignment by [insert name(s)]

Wladyslaw Budzynski

who is/are personally known to me or who offered proper proof of identity.

B. Budzynski (signed)

Borbona Budzynski (typed)

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³ Witnessing is desirable if the assignment is to be recorded in Canada.