

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>Joachim SEIFERT</td> <td>04/08/2004</td> </tr> <tr> <td>Latika SINGH</td> <td>04/08/2004</td> </tr> <tr> <td>Tracie Elizabeth RAMSDALE</td> <td>04/08/2004</td> </tr> <tr> <td>Michael Leo WEST</td> <td>03/26/2004</td> </tr> <tr> <td>Nicholas Barry DRINNAN</td> <td>03/26/2004</td> </tr> </tbody> </table>		Name	Execution Date	Joachim SEIFERT	04/08/2004	Latika SINGH	04/08/2004	Tracie Elizabeth RAMSDALE	04/08/2004	Michael Leo WEST	03/26/2004	Nicholas Barry DRINNAN	03/26/2004
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Michael Leo WEST	03/26/2004												
Nicholas Barry DRINNAN	03/26/2004												
RECEIVING PARTY DATA													
Name:	ALCHEMIA PTY LTD.												
Street Address:	3 Hi-Tech Court												
Internal Address:	Brisbane Technology Park												
City:	Eight Mile Plains												
State/Country:	AUSTRALIA												
Postal Code:	4113												
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>12354643</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12354643								
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CORRESPONDENCE DATA													
Fax Number:	(650)494-0792												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
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ATTORNEY DOCKET NUMBER:	578862000201												

CH \$40.00 12354643

NAME OF SUBMITTER:

Kimberly A. Bolin

Total Attachments: 2

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ASSIGNMENT AND AGREEMENT

WHEREAS, Joachim Seifert, Latika Singh, Tracie Elizabeth Ramsdale, Michael Leo West, and Nicholas Barry Drinnan (hereinafter referred to singly and collectively as "ASSIGNOR") have invented a certain invention entitled **SYNTHETIC HEPARIN PENTASACCHARIDES** for which an International (PCT) Application was filed on **September 6, 2002** as Application No. **PCT/AU02/01228**; and

WHEREAS, **ALCHEMIA PTY LTD.**, having its principal place of business at 3 Hi-Tech Court, Brisbane Technology Park, Eight Mile Plains, Queensland 4113 Australia (hereinafter referred to as "ASSIGNEE") is desirous of acquiring the entire interest therein;

NOW THEREFORE, in view of good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto ASSIGNEE, its successors and assigns, the full and exclusive right, title, and interest in and to (a) the above-identified invention or inventions and all improvements and modifications thereof, (b) the above-identified application and all other applications for Letters Patent of the United States and countries foreign thereto for the above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States and countries foreign thereto, (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (e) the right to claim for any of said applications the full benefits and priority rights under the International Convention and any other international agreement to which the United States adheres; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.





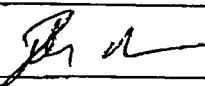
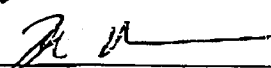
ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

ASSIGNOR HEREBY AGREES (a) to communicate to ASSIGNEE, its successors and assigns, or their representatives or agents, all facts and information known or available to ASSIGNOR respecting said invention or inventions, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in the United States or a country foreign thereto; (c) to execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, declarations, depositions; and (d) to provide all reasonable assistance to ASSIGNEE, its successors and assigns, in obtaining and enforcing proper title in and protection for said invention or inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

ASSIGNOR HEREBY GRANTS to the law firm of Heller Ehrman White & McAuliffe the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

ASSIGNOR UNDERSTANDS AND AGREES that the attorneys and agents of the law firm of Heller Ehrman White & McAuliffe do not personally represent ASSIGNOR or ASSIGNOR's legal interests, but instead represent the interests of ASSIGNEE; since said attorneys and agents cannot provide legal advice to ASSIGNOR with respect to this Assignment, ASSIGNOR acknowledges its right to seek its own independent legal counsel.

NAMES AND SIGNATURES OF INVENTORS		
Name: Joachim Seifert	Signature: 	Date: 08/04/04
Name: Latika Singh	Signature: Latika	Date: 08.04.04
Name: Tracie Elizabeth Ramsdale	Signature: 	Date: 08/04/04
Name: Michael Leo West	Signature: 	Date: 26/03/04
Name: Nicholas Barry Drinnan	Signature: 	Date: 26/03/04
NAMES AND SIGNATURES OF WITNESSES		
Name: JOHN GERTMAN	Signature: 	Date: 26/03/04
Name: JOHN GERTMAN	Signature: 	Date: 08/04/04