

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>METTE DINES CANTOR</td> <td>06/20/2011</td> </tr> <tr> <td>PATRICK DERKX</td> <td>06/16/2011</td> </tr> <tr> <td>INGE KNAP</td> <td>06/30/2011</td> </tr> <tr> <td>ANE KNARREBORG</td> <td>06/30/2011</td> </tr> <tr> <td>THOMAS DYRMANN LESER</td> <td>06/16/2011</td> </tr> <tr> <td>LUND BENTE</td> <td>06/27/2011</td> </tr> </tbody> </table>		Name	Execution Date	METTE DINES CANTOR	06/20/2011	PATRICK DERKX	06/16/2011	INGE KNAP	06/30/2011	ANE KNARREBORG	06/30/2011	THOMAS DYRMANN LESER	06/16/2011	LUND BENTE	06/27/2011
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LUND BENTE	06/27/2011														
RECEIVING PARTY DATA															
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Street Address:	BOEGE ALLE 10-12														
City:	HOERSHOLM														
State/Country:	DENMARK														
Postal Code:	DK-2970														
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>13139938</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13139938										
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Application Number:	13139938														
CORRESPONDENCE DATA															
Fax Number:	(202)672-5399														
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ATTORNEY DOCKET NUMBER:	030427-0153														

OP \$40.00 13139938

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PATENT
REEL: 026917 FRAME: 0422

NAME OF SUBMITTER:

STEPHEN A. BENT

Total Attachments: 7

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ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor (hereinafter referred to singly and collectively as "ASSIGNOR") has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto

CHR-HANSEN A/S
Boege Alle 10-12
Hoersholm DK-2970
Denmark

(hereinafter referred to as "ASSIGNEE") its successors and assigns, the full and exclusive right, title and interest for the United States, its territories and possessions in and to this invention relating to

A BILE RESISTANT BACILLUS COMPOSITION SECRETING HIGH LEVELS OF ESSENTIAL AMINO ACIDS

as set forth in this United States Patent Application

Check one executed concurrently herewith
 executed on _____
 Serial No. 13/139,938 Filed 12/16/2009
and

as well as in and to (a) all improvements and modifications of the above-identified invention or inventions, (b) the above-identified application and all other applications for Letters Patent of the United States for 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, (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 Patent Cooperation Treaty, the Paris Convention and any other international agreement; 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 representative 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; (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, and 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 **Foley & Lardner LLP** 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 **Foley & Lardner LLP** 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.

NAME AND SIGNATURE OF INVENTOR

NAME: METTE DINES CANTOR SIGNATURE: Mette Dines Cantor DATE: 20/6-2011

NAME AND SIGNATURE OF WITNESSES

NAME: KARIN RJEERBE SIGNATURE: Karin Rjeerbe DATE: 20/6-2011

NAME: MARTIN PROFFER SIGNATURE: Martin Proffer DATE: 20/6-2011

NAME AND SIGNATURE OF INVENTOR

NAME: PATRICK DERKX SIGNATURE: _____ DATE: _____

NAME AND SIGNATURE OF WITNESSES

NAME: _____ SIGNATURE: _____ DATE: _____

NAME: _____ SIGNATURE: _____ DATE: _____

NAME AND SIGNATURE OF INVENTOR

NAME: INGE KNAP SIGNATURE: _____ DATE: _____

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NAME AND SIGNATURE OF WITNESSES

NAME: _____ SIGNATURE: _____ DATE: _____

NAME: _____ SIGNATURE: _____ DATE: _____

NAME AND SIGNATURE OF INVENTOR

NAME: PATRICK DERKX SIGNATURE:  DATE: 16-06-2011

NAME AND SIGNATURE OF WITNESSES

NAME: Thomas Jansen SIGNATURE:  DATE: 16-06-2011

NAME: Mimi Birkeland SIGNATURE:  DATE: 16-06-2011

NAME AND SIGNATURE OF INVENTOR

NAME: INGE KNAP SIGNATURE: _____ DATE: _____

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NAME: _____ SIGNATURE: _____ DATE: _____

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NAME AND SIGNATURE OF INVENTOR

NAME: PATRICK DERKX SIGNATURE: _____ DATE: _____

NAME AND SIGNATURE OF WITNESSES

NAME: _____ SIGNATURE: _____ DATE: _____

NAME: _____ SIGNATURE: _____ DATE: _____

NAME AND SIGNATURE OF INVENTOR

NAME: INGE KNAP SIGNATURE:  DATE: Jun 30 2011

NAME AND SIGNATURE OF WITNESSES

NAME: E. MATTHES SIGNATURE:  DATE: Jun 30, 2011

NAME: Sola Kim SIGNATURE: [Signature] DATE: 30 June 2011

NAME AND SIGNATURE OF INVENTOR

NAME: ANE KNARREBORG SIGNATURE: [Signature] DATE: 18 June 2011

NAME AND SIGNATURE OF WITNESSES

NAME: ULRIK MOLLER SIGNATURE: [Signature] DATE: 18 June 2011

NAME: [Signature] SIGNATURE: [Signature] DATE: 18 June 2011

NAME AND SIGNATURE OF INVENTOR

NAME: THOMAS DYRMANN LESER SIGNATURE: _____ DATE: _____

NAME AND SIGNATURE OF WITNESSES

NAME: _____ SIGNATURE: _____ DATE: _____

NAME: _____ SIGNATURE: _____ DATE: _____

NAME AND SIGNATURE OF INVENTOR

NAME: LUND BENTE SIGNATURE: _____ DATE: _____

NAME AND SIGNATURE OF WITNESSES

NAME: _____ SIGNATURE: _____ DATE: _____

NAME: _____ SIGNATURE: _____ DATE: _____

Note: *Prima facie* evidence of execution may optionally be obtained by execution before a U.S. Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a U.S. Consul.

NAME: _____ SIGNATURE: _____ DATE: _____

NAME AND SIGNATURE OF INVENTOR

NAME: ANE KNARREBORG SIGNATURE: _____ DATE: _____

NAME AND SIGNATURE OF WITNESSES

NAME: _____ SIGNATURE: _____ DATE: _____

NAME: _____ SIGNATURE: _____ DATE: _____

NAME AND SIGNATURE OF INVENTOR

NAME: THOMAS DYRMANN LESER SIGNATURE: [Handwritten Signature] DATE: 01/16/2011

NAME AND SIGNATURE OF WITNESSES

NAME: STEFAN REHDIN SIGNATURE: [Handwritten Signature] DATE: 16.06.11

NAME: Eivind Hansen SIGNATURE: [Handwritten Signature] DATE: 16.06.11

NAME AND SIGNATURE OF INVENTOR

NAME: LUND BENTE SIGNATURE: _____ DATE: _____

NAME AND SIGNATURE OF WITNESSES

NAME: _____ SIGNATURE: _____ DATE: _____

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NAME: _____ SIGNATURE: _____ DATE: _____

NAME: _____ SIGNATURE: _____ DATE: _____

NAME AND SIGNATURE OF INVENTOR

NAME: LUND BENTE SIGNATURE: Bente Lund DATE: 27.6.2011

NAME AND SIGNATURE OF WITNESSES

NAME: Anne Maria SIGNATURE: [Signature] DATE: 29/6-2011
m. Johansen

NAME: Tina Risom SIGNATURE: [Signature] DATE: 29/6-2011

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