

## PATENT ASSIGNMENT COVER SHEET

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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>TINE NYGAARD VINTHER</td> <td>10/10/2013</td> </tr> <tr> <td>THOMAS BOERGLUM KJELDEN</td> <td>10/10/2013</td> </tr> <tr> <td>FRANTISEK HUBALEK</td> <td>10/10/2013</td> </tr> <tr> <td>KNUD J. JENSEN</td> <td>10/04/2013</td> </tr> </tbody> </table>		Name	Execution Date	TINE NYGAARD VINTHER	10/10/2013	THOMAS BOERGLUM KJELDEN	10/10/2013	FRANTISEK HUBALEK	10/10/2013	KNUD J. JENSEN	10/04/2013
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TINE NYGAARD VINTHER	10/10/2013										
THOMAS BOERGLUM KJELDEN	10/10/2013										
FRANTISEK HUBALEK	10/10/2013										
KNUD J. JENSEN	10/04/2013										
RECEIVING PARTY DATA											
Name:	Novo Nordisk A/S										
Street Address:	Novo Alle										
City:	Bagsvaerd										
State/Country:	DENMARK										
Postal Code:	DK-2880										
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>14004532</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14004532						
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Application Number:	14004532										
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Signature:	/Jennifer Krasznaï/										

CH \$40.00 14004532

Date:

10/16/2013

**Total Attachments: 4**

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**ASSIGNMENT OF RIGHTS IN AND RELATED TO US PATENT APPLICATION(S)**

**KNUD J. JENSEN**, a citizen of Denmark, residing in Copenhagen N, Denmark

(hereinafter individually ASSIGNOR), for good and valuable consideration, the receipt of which is hereby acknowledged, each independently hereby assign to **University of Copenhagen**, organized under the laws of Denmark, located at Nørregade 10, DK-1065 Copenhagen, Denmark (hereinafter ASSIGNEE), its successors, or assigns, all rights, titles, and interests in discoveries and/or inventions entitled:

**HUMAN INSULIN ANALOGUES AND DERIVATIVES COMPRISING CYSTEINE  
SUBSTITUTIONS.**

U.S. Patent Application Number(s) 14/004,532, filed SEPTEMBER 11, 2013, and any continuations, continuations-in-part, and/or divisions thereof, any patents arising therefrom, and any extensions, reissues, and/or reexamined patents thereof or related thereto, and all rights in any patent applications, patents, and/or similar legal instruments that may claim a priority right that is predicated upon or arises from any such applications or patents in any country.

Each ASSIGNOR independently covenants that he or she has full right to convey the entire right, title, and interest hereby assigned. Each ASSIGNOR further independently covenants that he or she will whenever called upon by ASSIGNEE, its successors, legal representatives, or assigns, communicate any known facts relating to the subject matter of the application(s) and/or related technologies; execute and deliver any and all lawful papers (including, without limitation, granting powers of attorney); make all rightful oaths, affidavits, or declarations; testify in any legal proceedings, mediations, arbitrations, or other proceedings; and perform all other lawful acts deemed by ASSIGNEE necessary or desirable to obtain, enjoy the benefit of, and perfect title in the rights hereby assigned including allowing ASSIGNEE to enforce, protect, license, or assign, any rights in the patent application(s), patents, and other rights hereby assigned.



**ASSIGNMENT OF RIGHTS IN AND RELATED TO US PATENT APPLICATION(S)**

**TINE NYGAARD VINTHER**, a citizen of Denmark, residing in Frederiksberg C, Denmark

**THOMAS BOERGLUM KJELDSSEN**, a citizen of Denmark, residing in Virum, Denmark

**FRANTISEK HUBALEK**, a citizen of Czech Republic, residing in Herlev, Denmark

(hereinafter individually ASSIGNOR), for good and valuable consideration, the receipt of which is hereby acknowledged, each independently hereby assign to **NOVO NORDISK A/S**, a corporation organized under the laws of Denmark, located at Novo Allé, DK-2880 Bagsvaerd, Denmark (hereinafter ASSIGNEE), its successors, or assigns, all rights, titles, and interests in discoveries and/or inventions entitled:

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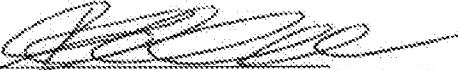
Each ASSIGNOR independently covenants that he or she has full right to convey the entire right, title, and interest hereby assigned. Each ASSIGNOR further independently covenants that he or she will whenever called upon by ASSIGNEE, its successors, legal representatives, or assigns, communicate any known facts relating to the subject matter of the application(s) and/or related technologies; execute and deliver any and all lawful papers (including, without limitation, granting powers of attorney); make all rightful oaths, affidavits, or declarations; testify in any legal proceedings, mediations, arbitrations, or other proceedings; and perform all other lawful acts deemed by ASSIGNEE necessary or desirable to obtain, enjoy the benefit of, and perfect title in the rights hereby assigned including allowing ASSIGNEE to enforce, protect, license, or assign, any rights in the patent application(s), patents, and other rights hereby assigned.

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This ASSIGNMENT shall be binding upon each ASSIGNOR's heirs, executors, administrators, successors, and/or assigns.

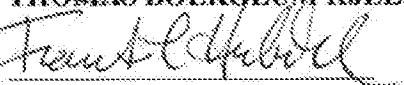
Date: 10/10 - 2013

  
TINE NYGAARD VINTHER

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THOMAS BOERGLUM KJELDEN

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FRANTISEK HUBALEK