

PATENT ASSIGNMENT

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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>PETER EDVARD DEGN</td> <td>04/02/2012</td> </tr> <tr> <td>RICHARD R. BOTT</td> <td>02/07/2013</td> </tr> <tr> <td>CASPER WILLEM VROEMEN</td> <td>02/04/2013</td> </tr> <tr> <td>MARTIJN SILVAN SCHEFFERS</td> <td>01/29/2013</td> </tr> <tr> <td>WOLFGANG AEHLE</td> <td>01/23/2013</td> </tr> <tr> <td>ELIN PETERSEN</td> <td>04/01/2013</td> </tr> </tbody> </table>		Name	Execution Date	PETER EDVARD DEGN	04/02/2012	RICHARD R. BOTT	02/07/2013	CASPER WILLEM VROEMEN	02/04/2013	MARTIJN SILVAN SCHEFFERS	01/29/2013	WOLFGANG AEHLE	01/23/2013	ELIN PETERSEN	04/01/2013
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<table border="1"> <tr> <td>Name:</td> <td>DUPONT NUTRITION BIOSCIENCES APS</td> </tr> <tr> <td>Street Address:</td> <td>LANGEBROGADE 1</td> </tr> <tr> <td>Internal Address:</td> <td>P.O. BOX 17</td> </tr> <tr> <td>City:</td> <td>COPENHAGEN</td> </tr> <tr> <td>State/Country:</td> <td>DENMARK</td> </tr> <tr> <td>Postal Code:</td> <td>DK-1001</td> </tr> </table>		Name:	DUPONT NUTRITION BIOSCIENCES APS	Street Address:	LANGEBROGADE 1	Internal Address:	P.O. BOX 17	City:	COPENHAGEN	State/Country:	DENMARK	Postal Code:	DK-1001		
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CORRESPONDENCE DATA															
Fax Number: (919)862-2260 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 919-862-2200 Email: patent-mail@alston.com Correspondent Name: ALSTON & BIRD LLP Address Line 1: 4721 EMPEROR BLVD. Address Line 2: SUITE 400 Address Line 4: DURHAM, NORTH CAROLINA 27703-8580															
ATTORNEY DOCKET NUMBER:	058685/427929														

CH \$40.00 13806398

NAME OF SUBMITTER:	B. LOGAN BUCK
Signature:	/b. logan buck/
Date:	10/03/2013
Total Attachments: 7 source=427929_Assignment#page1.tif source=427929_Assignment#page2.tif source=427929_Assignment#page3.tif source=427929_Assignment#page4.tif source=427929_Assignment#page5.tif source=427929_Assignment#page6.tif source=427929_Assignment#page7.tif	

ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

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 Denmark

its successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries in and to the invention in **"VARIANTS OF GLUCOAMYLASE"**

as set forth in this United States Patent Application

- ☐ executed concurrently herewith
- ☐ executed on
- ☒ Application No. 13/806,398; filed December 21, 2012
- ☒ This application is a National Phase Application of International Application PCT/EP2011/061082, filed June 30, 2011, which claims priority from U.S. Provisional Applications 61/360,891, filed July 1, 2010 and 61/444,481, filed February 18, 2011, International Application PCT/EP2010/062035, filed August 18, 2010 and Danish Application PA 201070337, filed July 15, 2010, all applications listed above being hereinafter referred to as the "application(s)";

(We hereby authorize and request the Assignee and its attorney (Alston & Bird LLP) to insert above the application number and filing date of said application when known.)

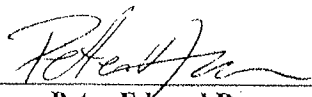
said application for United States Letters Patent, including all divisional, renewal, substitute, continuation, nonprovisionals, continuation-in-parts, and Convention applications based in whole or in part upon said inventions or upon said applications, and any and all Letters Patent and reissues, reexaminations, and extensions of Letters Patent granted for said inventions or upon said applications and every priority right that is or may be predicated upon or arise from said inventions, said applications, and said Letters Patent; said Assignee being hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in the name of said Assignee or otherwise as said Assignee may deem advisable, under the International Convention or otherwise; the Commissioner of Patents and Trademarks of the United States of America being hereby authorized to issue or transfer all said Letters Patent to said Assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right theretofore given, and that the undersigned

will do all acts reasonably serving to ensure that the said inventions, patent applications and Letters Patent shall be held and enjoyed by said Assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said Assignee all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, declarations, and lawful affidavits in form and substance which may be requested by said Assignee, to furnish said Assignee with all facts relating to said inventions or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may embody said inventions, and to testify in any proceedings relating to said inventions, patent applications, and/or Letters Patent.

The undersigned hereby grant(s) an authorized representative of Assignee the power to insert in this Assignment any further identification that may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

This Assignment is deemed to be effective at least as early as July 1, 2010 (the earliest priority date).

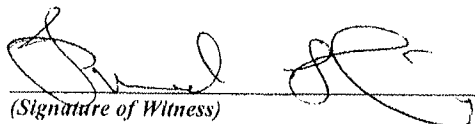
4/2-2012
Date


Peter Edward Degn

WITNESSES:


(Signature of Witness)

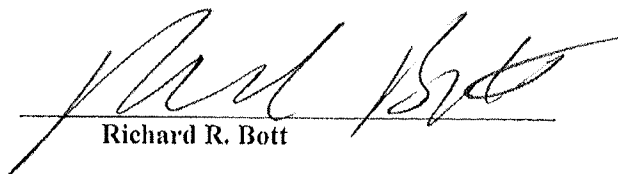
TINA KROGH JENSEN
(Typed Name of Witness)


(Signature of Witness)

Svend Haaning
(Typed Name of Witness)

Feb 7 2017

Date


Richard R. Bott

WITNESSES:



(Signature of Witness)

Fabesha Greene

(Typed Name of Witness)



(Signature of Witness)

Rolando Vega

(Typed Name of Witness)

February 4, 2013
Date

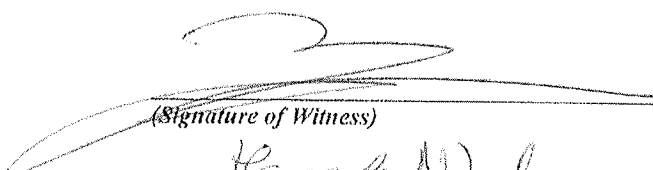

Casper Willem Vroemen

WITNESSES:


(Signature of Witness)

Marc Kolkman

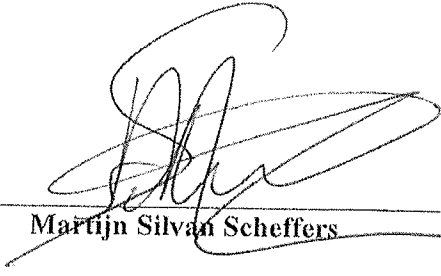
(Typed Name of Witness)


(Signature of Witness)

Hans de Nijel

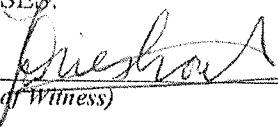
(Typed Name of Witness)

January 29, 2013
Date



Martijn Silvan Scheffers

WITNESSES:



(Signature of Witness)

Johan van Lieshout
(Typed Name of Witness)



(Signature of Witness)

Marc Kolkman
(Typed Name of Witness)

January 28, 2013
Date

Wolfgang Aehle
Wolfgang Aehle

WITNESSES:

Guido Meurer
(Signature of Witness)

GUIDO MEURER
(Typed Name of Witness)

Birgit Heinze
(Signature of Witness)

BIRGIT HEINZE
(Typed Name of Witness)

4/1-2013
Date

Elin Petersen
Elin Petersen

WITNESSES:

Tina Krogh Jensen
(Signature of Witness)

TINA KROGH JENSEN
(Typed Name of Witness)

Svend Haaning
(Signature of Witness)

Svend Haaning
(Typed Name of Witness)

Attorney Docket No. 058685/427929

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