

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT3296653

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
WOLFGANG AEHLE	08/09/2010
IGOR NIKOLAEV	08/03/2010
MARTIJN SCHEFFERS	09/24/2010
PIET VAN SOLINGEN	08/17/2010
CASPER VROEMEN	08/03/2010
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	DANISCO US INC.
<b>Street Address:</b>	925 PAGE MILL ROAD
<b>City:</b>	PALO ALTO
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94304
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14015740
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(650)845-6504
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	(650) 846-7500
<b>Email:</b>	david.castro@dupont.com
<b>Correspondent Name:</b>	DANISCO US INC.
<b>Address Line 1:</b>	925 PAGE MILL ROAD
<b>Address Line 4:</b>	PALO ALTO, CALIFORNIA 94304
<b>ATTORNEY DOCKET NUMBER:</b>	31145-US-D1
<b>NAME OF SUBMITTER:</b>	STEVEN G. BACSI
<b>SIGNATURE:</b>	/Steven G. Bacsi/
<b>DATE SIGNED:</b>	04/03/2015
<b>Total Attachments: 7</b>	
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### Assignment

WHEREAS, the undersigned, Inventor(s), **Wolfgang AEHLE**, residing at Friedrichstrasse 1a, Zwingenberg 64673, Germany; **Richard R. BOTT**, residing at 3032 Hillside Drive, Burlingame, California 94010, **Igor NIKOLAEV**, residing at Offemweg 10, Noordwijk 2201HD, The Netherlands; and **Martijn SCHEFFERS**, residing at Joubertstraat 31A, 2312 ZK Leiden, The Netherlands, **Piet VAN SOLINGEN** residing at Rossini 16, 2671 VZ Naaldwijk, The Netherlands; **Casper VROEMEN**, residing at Spaargarenstraat 6, 2341 JW Oegstgeest, The Netherlands, have invented certain new and useful improvements which are disclosed in *GLUCOAMYLASE VARIANTS*, and have executed an application for United States Letters Patent that was filed on March 25, 2010, identified as United States Serial No. 12/680,193; and

WHEREAS, Danisco US Inc., a corporation organized and existing under and by virtue of the laws of the State of Delaware, having its principal place of business at 925 Page Mill Road, Palo Alto, CA 94304-1013 (hereinafter termed "Assignee"), is desirous of acquiring the entire right, title and interest in the application and the inventions disclosed therein, and to all embodiments of the inventions, that were conceived, made or discovered (hereinafter termed "inventions"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW, THEREFORE, be it known by all whom it may concern:

That for good and valuable consideration the receipt of which is hereby acknowledged, the Inventors have and do hereby sell, assign, transfer and convey unto Danisco US Inc., its successors and assigns, the entire right, title and interest (a) in and to the application and the inventions; (b) in and to all rights to apply for foreign patents on the inventions (c) in and to all applications filed and all patents granted on the inventions in the United States or any foreign country, including every application and every patent granted on any application which is a divisional, substitution, or continuation of the applications; and (d) in and to every reissue or extensions of any patents.

The Inventors hereby covenant and agree to cooperate with Danisco US Inc., to enable Danisco US Inc., to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by the Inventors shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers and other assistance, all to the extent deemed necessary or desirable by Danisco US Inc., for (a) perfecting the right, title and interest herein conveyed, (b) prosecuting any of the applications, (c) filing and prosecuting, substitute,

divisional, continuing or additional applications covering the inventions; (d) for interference or other priority proceedings involving the invention, and (e) legal proceedings involving the inventions and any applications therefor and any patents granted thereon, including without limitation, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions, provided, however, that the expense incurred by the Inventors in providing such cooperation shall be paid for by Danisco US Inc.

The terms and covenants of this Assignment shall inure to the benefit of Danisco US Inc., its successors, assigns and other legal representatives, and shall be binding upon said Inventors, their respective heirs, legal representatives and assigns.

The Inventors hereby warrant and represent that they have not entered and will not enter into any assignment, contract or understanding in conflict herewith.

IN WITNESS WHEREOF I undersign as follows:

Signed at Zwingenberg this 9<sup>th</sup> day of August, 2010.

By: Wolfgang AEHLE  
Wolfgang AEHLE

WITNESSED BY:

Signature: Birgit Heinze  
Birgit Heinze

IN WITNESS WHEREOF I undersign as follows:

Signature *Richard R. Bott*  
Richard R. BOTT

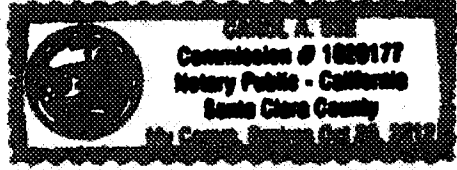
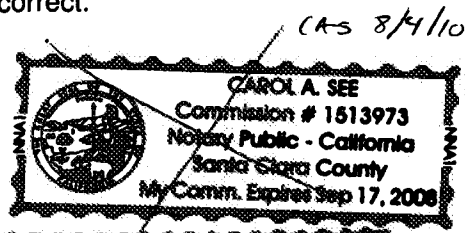
Date: August 4 2010

State of California )  
County of Santa Clara )

On August 4, 2010 before me, Carol See, Notary Public,  
personally appeared Richard R. BOTT, who proved to me on the basis of satisfactory evidence  
to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged  
to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by  
his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the  
person(s) acted, executed the instrument. I certify under PENALTY OF PERJURY under the  
laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature *Carol A. See* (Seal)



IN WITNESS WHEREOF I undersign as follows:

Signed at \_\_\_\_\_ this \_\_\_\_ day of \_\_\_\_\_, 2010.

By: \_\_\_\_\_  
Igor NIKOLAEV

WITNESSED BY:

Signature: \_\_\_\_\_

IN WITNESS WHEREOF I undersign as follows:

Signature \_\_\_\_\_  
Richard R. BOTT

Date: \_\_\_\_\_

State of California )  
County of Santa Clara )

On \_\_\_\_\_ before me, \_\_\_\_\_,  
personally appeared Richard R. BOTT, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument. I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature \_\_\_\_\_ (Seal)

IN WITNESS WHEREOF I undersign as follows:

Signed at Leiden this 3<sup>rd</sup> day of August, 2010.


By: \_\_\_\_\_  
Igor NIKOLAEV

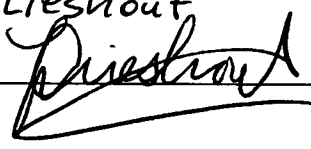
WITNESSED BY:

Signature: \_\_\_\_\_  
HARM MULDER

IN WITNESS WHEREOF I undersign as follows:

Signed at Leiden this 24<sup>th</sup> day of September, 2010.

By:   
\_\_\_\_\_  
Martin SCHEFFERS

WITNESSED BY: Johan van Lieshout  
Signature:   
\_\_\_\_\_

IN WITNESS WHEREOF I undersign as follows:

Signed at \_\_\_\_\_ this \_\_\_\_ day of \_\_\_\_\_, 2010.

By: \_\_\_\_\_  
Piet VAN SOLINGEN

WITNESSED BY:

Signature: \_\_\_\_\_

IN WITNESS WHEREOF I undersign as follows:

Signed at \_\_\_\_\_ this \_\_\_\_ day of \_\_\_\_\_, 2010.

By: \_\_\_\_\_  
Casper VROEMEN

WITNESSED BY:

Signature: \_\_\_\_\_

IN WITNESS WHEREOF I undersign as follows:

Signed at \_\_\_\_\_ this \_\_\_\_ day of \_\_\_\_\_, 2010.

By: \_\_\_\_\_  
Martijn SCHEFFERS

WITNESSED BY:

Signature: \_\_\_\_\_

IN WITNESS WHEREOF I undersign as follows:

Signed at Leiden this 17<sup>th</sup> day of August, 2010.

By: \_\_\_\_\_  
Piet VAN SOLINGEN

WITNESSED BY:

Signature: B. Jones B.E. JONES

IN WITNESS WHEREOF I undersign as follows:

Signed at \_\_\_\_\_ this \_\_\_\_ day of \_\_\_\_\_, 2010.

By: \_\_\_\_\_  
Casper VROEMEN

WITNESSED BY:

Signature: \_\_\_\_\_



IN WITNESS WHEREOF I undersign as follows:

Signed at \_\_\_\_\_ this \_\_\_\_ day of \_\_\_\_\_, 2010.

By: \_\_\_\_\_  
Martijn SCHEFFERS

WITNESSED BY:

Signature: \_\_\_\_\_

IN WITNESS WHEREOF I undersign as follows:

Signed at \_\_\_\_\_ this \_\_\_\_ day of \_\_\_\_\_, 2010.

By: \_\_\_\_\_  
Piet VAN SOLINGEN

WITNESSED BY:

Signature: \_\_\_\_\_

IN WITNESS WHEREOF I undersign as follows:

Signed at Leiden this 3<sup>rd</sup> day of August, 2010.

By: \_\_\_\_\_  
Casper VROEMEN

WITNESSED BY:

Signature: \_\_\_\_\_  
Marc Kolkman