

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4661187

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	CHR. HANSEN A/S	02/28/2017
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	NOVOZYMES A/S	
<b>Street Address:</b>	KROGSHOEJVEJ 36	
<b>City:</b>	BAGSVAERD	
<b>State/Country:</b>	DENMARK	
<b>Postal Code:</b>	DK-2880	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	11720651
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(212)840-0221	
<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>		
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<b>Email:</b>	ayl@novozymes.com	
<b>Correspondent Name:</b>	NOVOZYMES NORTH AMERICA, INC.	
<b>Address Line 1:</b>	77 PERRY CHAPEL CHURCH ROAD	
<b>Address Line 4:</b>	FRANKLINTON, NORTH CAROLINA 27587	
<b>ATTORNEY DOCKET NUMBER:</b>	10721-US-PCT	
<b>NAME OF SUBMITTER:</b>	ELIAS LAMBIRIS	
<b>SIGNATURE:</b>	/Elam/	
<b>DATE SIGNED:</b>	10/27/2017	
<b>Total Attachments: 10</b>		
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10721/2430

## ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Chr. Hansen A/S of Boege Alle 10-12, DK-2970 Hoersholm, Denmark (hereinafter referred to "ASSIGNOR"), are the co-owners and have sold for the sum of 1 US dollar, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto

NOVOZYMES A/S  
Krogshoejvej 36  
DK-2880 Bagsvaerd,  
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, and all foreign countries in and to this invention relating to

## METHOD FOR PRODUCING FRACTIONS OF A MILK COMPOSITION

as set forth in

the International Patent Application Serial No. PCT/DK2005/000810, filed December 21, 2005 as well as

the European Patent Application Serial No. EP 05821056.8, filed December 21, 2005 and granted February 23, 2011 (subsequently validated in Denmark, France, Germany, Great Britain, Ireland, Italy, the Netherlands and Poland)

and

the European Patent Application Serial No. EP 10178817.2, filed September 23, 2010 and granted December 19, 2012 (subsequently validated in Denmark, France, Germany, Great Britain, Ireland, Italy, the Netherlands and Poland)

and the US Patent Application Serial No. 11/720,651, filed December 21, 2005

and

the Australian Patent Application Serial No 2005318692, filed December 21, 2005

and

the Australian Patent Application Serial No 2011201332, filed March 23, 2011

and

the Chinese Patent Application Serial No. 200580043949.9, filed December 21, 2005 and granted as ZL200580043949.9

and

the Chinese Patent Application Serial No. 201210486724.2, filed November 26, 2012 and granted as ZL201210486724.2

10721/2010

and  
the New Zealand Patent Application Serial No. 555367, filed December 21, 2005  
and  
the Mexican Patent Application Serial No. MX/a/2007/007257, filed December 21, 2005, and  
granted as patent number 281278 on 24 November 2010  
and  
the Mexican Patent Application Serial No. MX/a/2010/009405, filed August 26, 2010, and  
granted as patent number 294829 on 17 January 2012  
and

the Indian Patent Application Serial No. 2666/CHENP/2007, filed December 21, 2005, and  
granted as patent number 252330 on 9 May 2012

as well as in and to (a) all improvements and modifications of the above-identified invention or inventions, (b) the above-identified applications and all other applications for Letters Patent of the United States and countries foreign thereto 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 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 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 ASSIGNEE to file patent applications in any or all countries on the above-identified invention or inventions in the name of the undersigned or in the name of ASSIGNEE or otherwise as ASSIGNEE may deem advisable under the International Convention or otherwise.

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 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, 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.

CHR HANSEN A/S

Date: 28.2.2017

By: 

Name: Louise Stühr

Title: Legal Counsel with POA to sign

ACCEPTED BY:

NOVOZYMES A/S

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

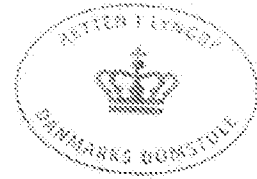
By: \_\_\_\_\_

Name: Thomas Stenfeldt Batchelor

Title: Vice President

I hereby certify that Mrs. Anne Louise Stuhr in my presence at the Notary Office have signed this document on behalf of

Chr. Hansen A/S, cvr.no.: 12916479




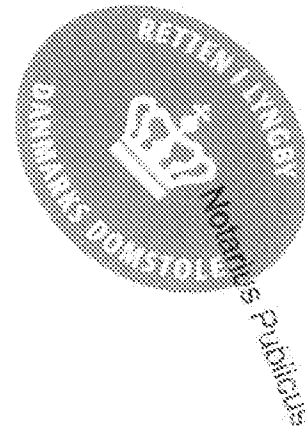
persuant to a notarized Power of Attorney issued on the 12th of November 2015 and signed by persons empowered to sign the said Power of Attorney on behalf of the said Company under the Danish Business Authority on 27-02-2017.

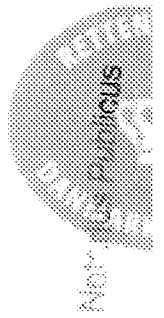
I have not reviewed whether this document falls within the scope of the said Power of Attorney.

Mrs. Anne Louise Stuhr has proved her identity by presenting passport.

District Court of Lyngby, Denmark, the 28th of February 2017

  
Nazmiye Dörmec  
Notary Public





APOSTILLE  
(Convention de La Haye du 5 octobre 1961)

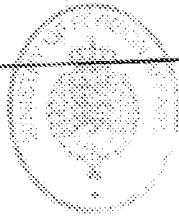
1. Landt: Danmark  
Country: Denmark
2. Dette offentlige dokument / This public document  
er underskrevet af / has been signed by  
Nazmiye Dönmez
3. i egenskab af / acting in the capacity of  
Notar / Notary Public
4. er forsynet med segl/stempel af / bears the seal/stamp of  
Lyngby Retskreds / Lyngby County Court

Attesteret / Certified

5. i København  
at Copenhagen
6. den 6. april 2017  
the 06 April 2017
7. af Udenrigsministeriet  
by the Ministry of Foreign Affairs of Denmark
8. Nr. / N° DNK-00540781
9. Segl/stempel / Seal/stamp:
10. Underskrift / Signature:

Michelle Ettrup

Michelle Kjøge Ettrup



107212480

## ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Chr. Hansen A/S of Boege Alle 10-12, DK-2970 Hoersholm, Denmark (hereinafter referred to "ASSIGNOR"), are the co-owners and have sold for the sum of 1 US dollar, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto

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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 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, and declarations, depositions; and (d) to provide all reasonable

0721/2480

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.

CHR HANSEN A/S

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

By: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

ACCEPTED BY:

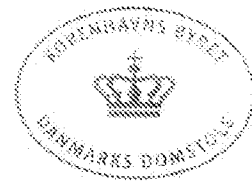
NOVOZYMES A/S

Date: 27/3-2007

By: 

Name: Thomas Stenfeldt Batchelor

Title: Vice President



I, the undersigned, **Poul Johannisson**, notary public of Copenhagen, Denmark, hereby certify that

**Mr. Thomas Stenfeldt Batchelor**

who proved his identity to me by presentation of his passport, has signed this document. This certification is provided on the basis of a specimen signature filed with the notarial office.

I furthermore certify that pursuant to the records of the Danish Business Authority dated 5th April 2017 and according to "Power of Attorney", Thomas Stenfeldt Batchelor is the sole authorised signatory of the public limited company

**NOVOZYMES A/S**

There were no conspicuous amendments or additions in the document other than those signed (initialled) by me.

In witness whereof I have hereunto set my hand and notarial seal.

The City Court of Copenhagen, Notarial Acts Division, 6th April 2017

**Poul Johannisson**  
Notary Public, of Copenhagen, Denmark





**APOSTILLE**  
(Convention de La Haye du 5 octobre 1961)

1. Land: Denmark  
Country: Denmark

Dette offentlige dokument / This public document

2. er underskrevet af / has been signed by  
Poul Johannisson

3. i egenskab af / acting in the capacity of  
Notar / Notary Public

4. er forsynet med segl/stempel af / bears the seal/stamp of  
Københavns Byret / Copenhagen City Court

Attesteret / Certified

5. i København  
at Copenhagen

6. den 7. april 2017  
the 07 April 2017

7. af Udenrigsministeriet  
by the Ministry of Foreign Affairs of Denmark

8. Nr. / N° DNK-00541027

9. Segl/stempel / Seal/stamp:

10. Underskrift / Signature:  
  
Lotte Greve

