

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
NOVOZYMES BIOPHARMA AU LIMITED	09/16/2010
RECEIVING PARTY DATA	
Name:	NOVOZYMES BIOPHARMA DK A/S
Street Address:	Krogshoejvej 36
City:	Bagsvaerd
State/Country:	DENMARK
Postal Code:	DK-2880
PROPERTY NUMBERS Total: 1	
Property Type	Number
Patent Number:	6531134
CORRESPONDENCE DATA	
Fax Number:	(703)205-8050
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	7032058000
Email:	strandbl@bskb.com
Correspondent Name:	Birch, Stewart, Kolasch & Birch, LLP
Address Line 1:	PO Box 747
Address Line 4:	Falls Church, VIRGINIA 22040-0747
ATTORNEY DOCKET NUMBER:	0641-0213P
NAME OF SUBMITTER:	Gerald M. Murphy, Jr.
Total Attachments: 21 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif source=Assignment#page4.tif source=Assignment#page5.tif	

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THIS CONFIRMATION OF DEED OF ASSIGNMENT is made
this *16* day of *September* 2010

BETWEEN

- (1) **Novozymes Biopharma AU Limited** of 28 Dalglish Street, Thebarton, South Australia 5031, Australia (hereinafter called "the Assignor") of the one part; and
- (2) **Novozymes Biopharma DK A/S** of Krogshoejvej 36, DK-2880 Bagsvaerd, Denmark (hereinafter called "the Assignee") of the other part,

- A. **WHEREAS** by way of an agreement effective 10 December 2007, made between the Assignor and the Assignee (the "Assignment Agreement") the Assignor transferred unto the Assignee certain patents including the patents and patent applications particulars of which are set out in Schedule A (hereinafter referred to as "the Patents") and all rights, titles and interest deriving from and available from said patents and patent applications in all available jurisdictions and all extensions of foreign counterparts of the patents listed in the Schedule for the consideration of, for the purpose of this document, £10 (Ten pounds Sterling).
- B. **WHEREAS** this Confirmation of Deed of Assignment is entered into by the parties for the purpose of recordal of the Assignment of the patents and patent applications in the respective Registers.

NOW, THEREFORE the parties hereby confirm that, pursuant to the Assignment Agreement, the Assignor as beneficial owner assigned unto the Assignee all its right, title and interest in and to the patents and patent applications, including all statutory and common law rights attaching thereto, including the right to sue for past infringements and to retain any damages obtained as a result of such action.

TO HOLD UNTO the Assignee absolutely.

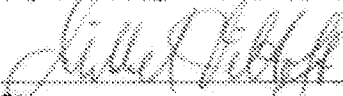
TO HOLD USE EXERCISE AND ENJOY the said patents, patent applications and inventions and all extensions of foreign counterparts of the patents and premises unto and by the assignees their successors and assigns absolutely.

The transfer of the Patents is governed and construed in accordance with Danish Law and the parties have irrevocably submitted to the exclusive jurisdiction of the Danish Courts.

IN WITNESS WHEREOF the parties hereto have caused this Confirmation of Deed of Assignment to be executed by their duly authorized officers the day and year first here written.

Executed on behalf of

Novozymes Biopharma AU Limited

By: 
Name: Mikkel Vilttoft
Capacity: Director

In the presence of:



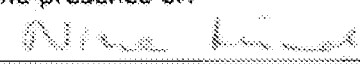
Witness

Executed on behalf of

Novozymes Biopharma DK A/S

By: 
Name: Mikkel Vilttoft
Capacity: Chairman

In the presence of:



Witness

Schedule A

Country	Filing	Filing Number	Grant Number	Case Reference
AU	24 Dec 1987	PI6068		11148-AU-NP
AU	20 Dec 1988	1989/29009		11148-AU-NP[2]
CA	20 Dec 1988	586713	1341204	11148-CA-PCT
DE	20 Dec 1988	89900786.8		11148-DE-EPT
EP	20 Dec 1988	89900786.8		11148-EP-EPT
FR	20 Dec 1988	89900786.8		11148-FR-EPT
GB	20 Dec 1988	89900786.8		11148-GB-EPT
IT	20 Dec 1988	89900786.8		11148-IT-EPT
JP	20 Dec 1988	1989500684		11148-JP-PCT
US	21 Aug 1986	07/479,183	5,077,276	11148-US-CON
US	20 Dec 1988	07/408,518	5,164,370	11148-US-PCT
US	20 Dec 1988	07/947,514		11148-US-CIP
WO	20 Dec 1988	PCT/AU88/00485		11148-WO-PCT

Country	Filing	Filing Number	Grant Number	Case Reference
AU	09 Jun 1989	PJ4672		11149-AU-NP
AU	22 May 1990	90/56675		11149-AU-NP[2]
CA	22 May 1990	2,033,176		11149-CA-PCT
DE	22 May 1990	90908176.2		11149-DE-EPT
EP	22 May 1990	90908176.2	429586	11149-EP-EPT
FR	22 May 1990	90908176.2		11149-FR-EPT
GB	22 May 1990	90908176.2		11149-GB-EPT
IT	22 May 1990	90908176.2		11149-IT-EPT
JP	22 May 1990	90507683		11149-JP-PCT
US	22 May 1990	07/646,616	5,330,971	11149-US-NP
WO	22 May 1990	PCT/AU90/00210		11149-WO-PCT

Country	Filing	Filing Number	Grant Number	Case Reference
AU	13 Feb 1990	PJ8586		11150-AU-NP
AU	30 Jan 1991	72262/91		11150-AU-NP[2]
CA	30 Jan 1991			11150-CA-NP
CH	30 Jan 1991	91903465.2		11150-CH-EPT
DE	30 Jan 1991	91903465.2		11150-DE-EPT
EP	30 Jan 1991	91903465.2	515434	11150-EP-EPT
FR	30 Jan 1991	91903465.2		11150-FR-EPT
GB	30 Jan 1991	91903465.2		11150-GB-EPT
IT	30 Jan 1991	91903465.2		11150-IT-EPT
JP	30 Jan 1990	503465/91		11150-JP-PCT
NL	30 Jan 1991	91903465.2		11150-NL-EPT
US	30 Jan 1990	08/321,585	5,679,771	11150-US-PCT
WO	30 Jan 1991	PCT/AU91/00031		11150-WO-PCT

Country	Filing	Filing Number	Grant Number	Case Reference
AU	09 Jul 1991	PK1170		11151-AU-NP
AU		645589		11151-AU-NP[2]
CA	09 Jul 1991	2086681		11151-CA-NP
CH	09 Jul 1991	91912763.9		11151-CH-EPT
DE	09 Jul 1991	91912763.9		11151-DE-EPT
DK	09 Jul 1991	91912763.9		11151-DK-EPT
EP	09 Jul 1991	91912763.9	545946	11151-EP-EPT
ES	09 Jul 1991	91912763.9		11151-ES-EPT
FR	09 Jul 1991	91912763.9		11151-FR-EPT
GB	09 Jul 1991	91912763.9		11151-GB-EPT
IT	09 Jul 1991	91912763.9		11151-IT-EPT
JP	09 Jul 1991	2002-344238		11151-JP-PCT
JP	09 Jul 1991	511964/91		11151-JP-NP
JP	28 Dec 2006	2006-354141		11151-JP-PCD
NL	09 Jul 1991	91912763.9		11151-NL-EPT
NZ	09 Jul 1991	248054		11151-NZ-DIV
NZ	09 Jul 1991	236890		11151-NZ-NP
SE	09 Jul 1991	91912763.9		11151-SE-EPT
US	09 Jul 1991	07/956,759	5,866,418	11151-US-PCT
US	09 Jul 1991	08/641,754		11151-US-PCD
US	09 Jul 1991	08/814,833		11151-US-PCD[3]
US	09 Jul 1991	09/082,987	6319522	11151-US-DIV
US	09 Jul 1991	09/912,040	6,447,808	11151-US-PCD[2]
US	09 Jul 1991	10/193,648	7,033,610	11151-US-PCD[4]
WO	09 Jul 1991	PCT/AU91/00303		11151-WO-PCT

Country	Filing	Filing Number	Grant Number	Case Reference
AU	28 Apr 1994	PM5347		11152-AU-NP
AU	26 Apr 1995	22983/95		11152-AU-NP[2]
CA	26 Apr 1995	2188654		11152-CA-PCT
DE	26 Apr 1995	95916503.6		11152-DE-EPT
EP	26 Apr 1995	95916503.6	759029	11152-EP-EPT
FR	26 Apr 1995	95916503.6		11152-FR-EPT
GB	26 Apr 1995	95916503.6		11152-GB-EPT
IT	26 Apr 1995	95916503.6		11152-IT-EPT
JP	26 Apr 1995	527879/95		11152-JP-PCT
NL	26 Apr 1995	95916503.6		11152-NL-EPT
NZ	26 Apr 1995	314284		11152-NZ-PCD
NZ	26 Apr 1995	284389		11152-NZ-PCT
US	26 Apr 1995	08/718,409	6,194,208	11152-US-NP
WO	26 Apr 1995	PCT/AU95/00237		11152-WO-PCT

Country	Filing	Filing Number	Grant Number	Case Reference
AU	02 May 1995	PN2712		11153-AU-NP
AU	02 May 1996	54899/96	689719	11153-AU-NP[2]
CA	02 May 1996		2213302	11153-CA-PCT
DE	02 May 1996	96911839.7		11153-DE-EPT
EP	02 May 1996	96911839.7	825868	11153-EP-EPT
FR	02 May 1996	96911839.7	825868	11153-FR-EPT
GB	02 May 1996	96911839.7	825868	11153-GB-EPT
IT	02 May 1996	96911839.7	825868	11153-IT-EPT
JP	02 May 1996	08532855		11153-JP-PCT
JP	02 May 1996	2008-007340		11153-JP-PCD
NL	02 May 1996	96911839.7	825868	11153-NL-EPT
NZ	02 May 1996		306349	11153-NZ-NP
US	02 May 1996	08/894,200	6,183,784	11153-US-NP
WO	02 May 1996	PCT/AU96/00253		11153-WO-PCT

Country	Filing	Filing Number	Grant Number	Case Reference
AU	02 May 1995	PN2711		11154-AU-NP
AU	02 May 1995	54898/86		11154-AU-NP[2]
CA	02 May 1996	2219895		11154-CA-PCT
EP	02 May 1996	96911838.9	830607	11154-EP-EPT
NZ	02 May 1996		306348	11154-NZ-PCT
US	02 May 1996	08/945,774	6,090,569	11154-US-PCT
WO	02 May 1996	PCT/AU96/00252		11154-WO-PCT

Country	Filing	Filing Number	Grant Number	Case Reference
AU	12 Nov 1997	PP0318		11155-AU-NP
AU	12 Nov 1998	14751/99		11155-AU-NP[2]
CA	12 Nov 1998	2309317		11155-CA-PCT
EP	12 Nov 1998	98958726.6		11155-EP-EPT
JP	12 Nov 1998	00520478		11155-JP-PCT
NZ	12 Nov 1998		503999	11155-NZ-PCT
US	12 Nov 1998	09/554,119	6,531,134	11155-US-PCT
US	12 Nov 1998	10/337,993		11155-US-PCD
WO	12 Nov 1998	PCT/AU98/00942		11155-WO-PCT

Country	Filing	Filing Number	Grant Number	Case Reference
AU	03 May 2001	254523/01		11156-AU-NP[2]
AU	03 May 2001	PQ7290		11156-AU-NP
CA	03 May 2001	2407669		11156-CA-PCT
EP	03 May 2001	01927494.3		11156-EP-EPT
US	03 May 2001	10/275,175		11156-US-PCT
WO	03 May 2001	PCT/AU01/00503		11156-WO-PCT

Country	Filing	Filing Number	Grant Number	Case Reference
AU	13 Jul 2000	PQ8786		11157-AU-NP
AU	13 Jul 2001	2002222911		11157-AU-NP[2]
CA	13 Jul 2001	2415701		11157-CA-PCT
EP	13 Jul 2001	01984214.5		11157-EP-EPT
JP	13 Jul 2001	2002511760		11157-JP-PCT
NZ	13 Jul 2001	523533		11157-NZ-PCT
US	13 Jul 2001	10/332,705		11157-US-PCT
WO	13 Jul 2001	PCT/AU01/00854		11157-WO-PCT

Country	Filing	Filing Number	Grant Number	Case Reference
AU	06 Mar 1997	PO5508		11158-AU-NP
AU	06 Mar 1998	62846/98		11158-AU-NP[2]
BE	06 Mar 1998	98906749.1	1028743	11158-BE-EPT
CA	06 Mar 1998	2283270		11158-CA-PCT
CH	06 Mar 1998	98906749.1	1028743	11158-CH-EPT
DE	06 Mar 1998	98906749.1	69835368.4	11158-DE-EPT
DK	06 Mar 1998	98906749.1	1028743	11158-DK-EPT
EP	06 Mar 1998	06015500.9		11158-EP-ETD
EP	06 Mar 1998	98906749.1	1028743	11158-EP-EPT
ES	06 Mar 1998	98906749.1	1028743	11158-ES-EPT
FR	06 Mar 1998	98906749.1	1028743	11158-FR-EPT
GB	06 Mar 1998	98906749.1	1028743	11158-GB-EPT
IT	06 Mar 1998	98906749.1	1028743	11158-IT-EPT
NL	06 Mar 1998	98906749.1	1028743	11158-NL-EPT
US	06 Mar 1998	09/380,327	7,204,978	11158-US-PCD
US	06 Mar 1998	11/211,471		11158-US-PCT
US	06 Mar 1998	11/397,851		11158-US-PCD[2]
WO	06 Mar 1998	PCT/AU98/000149		11158-WO-PCT

Country	Filing	Filing Number	Grant Number	Case Reference
AU	06 Jun 2003	2003229141		11159-AU-NP
AU	06 Jun 2006	PS2820		11159-AU-NP[2]
CA	06 Jun 2003	2487418		11159-CA-PCT
EP	06 Jun 2003	3754671.7		11159-EP-EPT
JP	06 Jun 2003	2005534655		11159-JP-PCT
KR	06 Jun 2003		10-2004-7019842	11159-KR-NP
NZ	06 Jun 2003	536612		11159-NZ-PCT
US	06 Jun 2003	10/999,692		11159-US-PCT
WO	06 Jun 2003	PCT/AU03/00714		11159-WO-PCT

Country	Filing	Filing Number	Grant Number	Case Reference
AU	16 Jan 1995	PN0589		11160-AU-NP[2]
AU	16 Jan 1995	PN0590		11160-AU-NP
AU	16 Jan 1996	96/44272		11160-AU-NP[3]
CA	16 Jan 1996	2,210,812		11160-CA-NP
DE	16 Jan 1996	96900472.0		11160-DE-EPT
EP	16 Jan 1996	96900472.0	804469	11160-EP-EPT
ES	16 Jan 1996	96900472.0		11160-ES-EPT
FR	16 Jan 1996	96900472.0		11160-FR-EPT
GB	16 Jan 1996	96900472.0		11160-GB-EPT
IT	16 Jan 1996	96900472.0		11160-IT-EPT
JP	16 Jan 1996	08521917		11160-JP-NP
JP	16 Jan 1996	200534053		11160-JP-DIV
JP	16 Jan 1996	2006002633		11160-JP-DIV[2]
SE	16 Jan 1996	96900472.0		11160-SE-EPT
US	16 Jan 1996	08/875,013	6,057,294	11160-US-PCT
US	16 Jan 1996	10/912,551		11160-US-PCD
WO	16 Jan 1996	PCT-AU96/00018		11160-WO-PCT

Country	Filing	Filing Number	Grant Number	Case Reference
AU	11 Jun 1996	PO0390		11161-AU-NP
AU	11 Jun 1996	PO0391		11161-AU-NP[2]
AU	11 Jun 1996	PO0392		11161-AU-NP[7]
AU	11 Jun 1996	PO0393		11161-AU-NP[6]
AU	11 Jun 1996	PO0394		11161-AU-NP[5]
AU	11 Jun 1996	PO389		11161-AU-NP[3]
AU	11 Jun 1997	9730193		11161-AU-NP[4]
CA	11 Jun 1997	2,257,973		11161-CA-PCT
DE	11 Jun 1997	69739001.2-08	0960119	11161-DE-EPT
EP	11 Jun 1997	08016052.6		11161-EP-ETD
EP	11 Jun 1997	97924813.5	0960119	11161-EP-EPT
ES	11 Jun 1997	97924813.5	0960119	11161-ES-EPT
FR	11 Jun 1997	97924813.5	0960119	11161-FR-EPT
GB	11 Jun 1997	97924813.5	0960119	11161-GB-EPT
IT	11 Jun 1997	97924813.5	0960119	11161-IT-EPT
JP	11 Jun 1997	10-500998	4156671	11161-JP-PCT
JP	11 Jun 1997	2007-003411	4294693	11161-JP-PCD[2]
JP	11 Jun 1997	2008-255970		11161-JP-PCD
SE	11 Jun 1997	97924813.5	0960119	11161-SE-EPT
US	11 Jun 1997	09/202,305	7,192,928	11161-US-PCT
WO	11 Jun 1997	PCT/AU97/00367		11161-WO-PCT

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AU	27 May 2005	2005247049		11162-AU-PCT
CA	27 May 2005	2,565,886		11162-CA-PCT
EP	27 May 2005	05744733.6		11162-EP-EPT
JP	27 May 2005	2007-513612		11162-JP-PCT
US	27 May 2004	60/574,592		11162-US-PRO
US	27 May 2005	11/597,320		11162-US-PCT
WO	27 May 2005	PCT/AU05/000762		11162-WO-PCT

Country	Filing	Filing Number	Grant Number	Case Reference
CN	05 Aug 2005	200580032419.4		11163-CN-PCT
EP	05 Aug 2005	05769913.4		11163-EP-EPT
IN	05 Aug 2005	1752/DELNP/2007		11163-IN-PCT
JP	05 Aug 2005	2007-524137		11163-JP-PCT
US	06 Aug 2004	60/599,050		11163-US-PRO
US	05 Aug 2005	11/573,264		11163-US-PCT
WO	05 Aug 2005	PCT/AU05/001180		11163-WO-PCT

Country	Filing	Filing Number	Grant Number	Case Reference
US	06 Apr 2006	60/744,377		11174-US-PRO
WO	27 Mar 2007	PCT/IB07/001530		11174-WO-PCT

Country	Filing	Filing Number	Grant Number	Case Reference
US	09 Jun 2006	60/804,285		11176-US-PRO

Country	Filing	Filing Number	Grant Number	Case Reference
US	11 Dec 2006	60/869,421		11178-US-PRO
WO	10 Dec 2007			11178-WO-PCT