PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2859377

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KLAUS BENDIX	04/08/2014
THOMAS LINDBLAD	04/15/2014
NICK SMARTT	04/14/2014

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

Property Type	Number
Application Number:	14239651

CORRESPONDENCE DATA

Fax Number: (609)987-5440

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via

US Mail.

Phone: 609-987-5800

Email: nnipatent@novonordisk.com

Correspondent Name: NOVO NORDISK INC.

Address Line 1: 800 SCUDDERS MILL ROAD

Address Line 4: PLAINSBORO, NEW JERSEY 08536

ATTORNEY DOCKET NUMBER:	8352US01
NAME OF SUBMITTER:	JENNIFER KRASZNAI
SIGNATURE:	/Jennifer Krasznai/
DATE SIGNED:	05/16/2014

Total Attachments: 6

source=8352US01_SignedAssignment#page1.tif

source=8352US01_SignedAssignment#page2.tif

source=8352US01_SignedAssignment#page3.tif

source=8352US01 SignedAssignment#page4.tif

 $source = 8352 US01_Signed Assignment \# page 5.tif$

502812783 REEL: 032915 FRAME: 0955

PATFNT

 $source = 8352 US01_Signed Assignment \# page 6.t if$

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

KLAUS BENDIX, a citizen of Denmark, residing in Vanloese, Denmark

THOMAS LINDBLAD, a citizen of Denmark, residing in Bagsvaerd, Denmark

NICHOLAS SMARTT, a citizen of Great Britain, residing in Munster, Germany

(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:

Arrangement For Sequential Delivery of Fluid Volumes,

U.S. Patent Application Number(s) 14/239.651, filed February 19, 2014, 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.

Attorney Docket Number8352US01

This ASSIGNMENT shall be bind successors, and/or assigns.	ling upon each ASSIGNOR's heirs, executors, administrators,
Date: 2014-04-08	KLAUS BENDIX
Date:	
Data	THOMAS LINDBLAD
Date:	NICK SMARTT

Attorney Docket No.:8352US01

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

KLAUS BENDIX, a citizen of Denmark, residing in Vanloese, Denmark

THOMAS LINDBLAD, a citizen of Sweden, residing in Lund, Sweden

NICHOLAS SMARTT, a citizen of Great Britain, residing in Munster, Germany

(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:

Arrangement For Sequential Delivery of Fluid Volumes,

U.S. Patent Application Number(s) 14/239,651, filed February 19, 2014, 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.

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

Date:

KLAUS BENDIX

Date: 2019-09-15

THOMAS LINDBLAD

Date:

NICK SMARTT

Attorney Docket No.:8352US01

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

KLAUS BENDIX, a citizen of Denmark, residing in Vanloese, Denmark

THOMAS LINDBLAD, a citizen of Denmark, residing in Bagsvaerd, Denmark

NICHOLAS SMARTT, a citizen of Great Britain, residing in Munster, Germany

(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:

Arrangement For Sequential Delivery of Fluid Volumes,

U.S. Patent Application Number(s) 14/239.651, filed February 19, 2014, 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.

* Subject to contract between Novo Norkisk & TTP

Page 2 of 2