505793326 11/26/2019

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

## **CONVEYING PARTY DATA**

Name	Execution Date
KARINA THORN	11/19/2019
BJARNE GRAM HANSEN	10/03/2019
LAUST BRUUN JOHNSEN	10/07/2019
MIKKEL NORS HARNDAHL	10/17/2019
ZHIRU YANG	10/07/2019
HENRIK OESTERGAARD	10/03/2019
PER J. GREISEN	10/15/2019
EVA JOHANSSON	10/03/2019
MORTEN GROENBECH RASCH	10/03/2019
JIANHE CHEN	11/19/2019
ANDERS SVENSSON	10/15/2019
HAISUN ZHU	10/15/2019
RONG ZHOU	11/22/2019

#### **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:	16481108

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PATENT

505793326 REEL: 051136 FRAME: 0042

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ATTORNEY DOCKET NUMBER:	160163US02	
NAME OF SUBMITTER:	CINDY BAEZ	
SIGNATURE:	/CINDY BAEZ/	
DATE SIGNED:	11/26/2019	

**Total Attachments: 36** 

source=160163US02 SignedAssignment#page1.tif source=160163US02 SignedAssignment#page2.tif source=160163US02 SignedAssignment#page3.tif source=160163US02 SignedAssignment#page4.tif source=160163US02 SignedAssignment#page5.tif source=160163US02\_SignedAssignment#page6.tif source=160163US02\_SignedAssignment#page7.tif source=160163US02 SignedAssignment#page8.tif source=160163US02\_SignedAssignment#page9.tif source=160163US02 SignedAssignment#page10.tif source=160163US02 SignedAssignment#page11.tif source=160163US02 SignedAssignment#page12.tif source=160163US02\_SignedAssignment#page13.tif source=160163US02 SignedAssignment#page14.tif source=160163US02 SignedAssignment#page15.tif source=160163US02\_SignedAssignment#page16.tif source=160163US02\_SignedAssignment#page17.tif source=160163US02 SignedAssignment#page18.tif source=160163US02 SignedAssignment#page19.tif source=160163US02\_SignedAssignment#page20.tif source=160163US02 SignedAssignment#page21.tif source=160163US02 SignedAssignment#page22.tif source=160163US02 SignedAssignment#page23.tif source=160163US02 SignedAssignment#page24.tif source=160163US02 SignedAssignment#page25.tif source=160163US02 SignedAssignment#page26.tif source=160163US02 SignedAssignment#page27.tif source=160163US02 SignedAssignment#page28.tif source=160163US02\_SignedAssignment#page29.tif source=160163US02 SignedAssignment#page30.tif source=160163US02\_SignedAssignment#page31.tif source=160163US02 SignedAssignment#page32.tif source=160163US02\_SignedAssignment#page33.tif source=160163US02\_SignedAssignment#page34.tif source=160163US02\_SignedAssignment#page35.tif source=160163US02 SignedAssignment#page36.tif

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

KARINA THORN, a citizen of Denmark, residing in Farum, Denmark

BJARNE GRAM HANSEN, a citizen of Denmark, residing in Alleroed, Denmark

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## Procoagulant Antibodies,

U.S. Patent Application Number(s) 16/481,108, filed July 26, 2019, 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.

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

Date: NOV. 19, 2019	Marum Moth Karina thorn
Date:	
Date:	BJARNE GRAM HANSEN
	LAUST BRUUN JOHNSEN
Date:	MIKKEL NORS HARNDAHL
Date:	ZIIIRU YANG
Date:	HENRIK OESTERGAARD
Date:	PER J. GREISEN
Date;	EVA JOHANSSON
Date:	MORTEN GROENBECH RASCH
Date:	HANHE CHEN

ASSIGNMENT	Attorney Docket Number 100103USU2
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Date:	RONG ZHOU

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Date:	:M
	KARINA THORN
Date: 03, OCT 2019	Symme Com Min
	BJÄRNE GRAM HANSEN
Date:	LAUST BRUUN JOHNSEN
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Date:	MIKKEL NORS HARNDAHL
Date:	ZHIRU YANG
	ZHIRU YANG
Date:	HENRIK OESTERGAARD
Date:	
	PER J. GREISEN
Date:	EVA JOHANSSON
	EYA JURANSSUN
Date:	MORTEN GROENBECH RASCH
Date;	·
com Attendities (destination life instances delicalities)	HANDE CHEN

ASSIGNMENT	Attorney Docket Number 160163US02
***************************************	
Date:	ANDERS SVENSSON
Date:	HAISUN ZHU
Date:	RONG ZHOU

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Date:	
	KARINA THORN
Date:	BJARNE GRAM HANSEN
Date: 7/10-2019	LAUST BRUEN JOHNSEN
Date:	MIKKEL NORS HARNDAHL
Date;	ZHIRU YANG
Date:	HENRIK OESTERGAARD
Date:	PER J. GREISEN
Date:	EVA JOHANSSON
Date:	MORTEN GROENBECH RASCH
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Date:	
	KARINA THORN
Date:	BJARNE GRAM HANSEN
<b></b>	DJAKNE GRAM HAINSEN
Date:	LAUST BRUUN JOHNSEN
Date: 17-001-2019	- Lead Jacob A
	MIKKEL NORS HARNDAHL
Date:	ZHIRU YANG
Date:	
	HENRIK OESTERGAARD
Date:	PER J. GREISEN
Date:	4
	EVA JOHANSSON
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Date:	IIANHE CHEN

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Date:	
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Date:	
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Date:	
	MIKKEL NORS HARNDAHL
Date: <u>OCt 07. 201</u>	
	ZHIRU YANG
Date:	**************************************
	HENRIK OESTERGAARD
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Date:	
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Date:	
	ZHIRU YANG
Date: 03-007-2019	Tees Dil
	HENRIK OESTERGAARD
Date:	PER J. GREISEN
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Date:	
	EVA JOHANSSON
Date:	
	MORTEN GROENBECH RASCH
Date:	
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ASSIGNMENT	Attorney Docket Number 160163US02
70000 Automotive (1000)	
Date:	ANDERS SVENSSON
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Date:	
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Date:	
	HENRIK OESTERGAARD
Date: 10-15-2019	<u> </u>
	PER J. GREISEN
Date:	
	EVA JOHANSSON
Date:	· · · · · · · · · · · · · · · · · · ·
	MORTEN GROENBECH RASCH
Date:	
	TIANUE CHEN

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	KARINA THORN
Date:	
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Date:	TAXAB PRIVING TOTAL
	LAUST BRUUN JOHNSEN
Date:	MIKKEL NORS HARNDAHL
	MIKKEL NORS HARNDAHL
Date:	ZHIRU YANG
	ZIIIKU TANU
Date:	HENRIK OESTERGAARD
Date:	PER J. GREISEN
5 A	- A. O.
Date: <u>October 3, 2019</u>	EVA JOHANSSON
Data	
Date:	MORTEN GROENBECH RASCH
Date:	
Date:	IIANHE CHEN

ASSIGNMENT	Attorney Docket Number 100103USU2
· · · · · · · · · · · · · · · · · · ·	
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	HENRIK OESTERGAARD
Date:	
	PER J. GREISEN
Date:	
and Innin	EVA JOHANSSON
Date: <u>03/10/2019</u>	Moran G. Rasalv
	MORTEN GROENBECH RASCH
Date:	> <u></u>
	JIANHE CHEN

ASSKINMENT	Attorney Docket Number 160163US02
Date: 15-004-2019	ANDERS SVENSSON
Date:	HAISUN ZHU
Date:	RONG ZHOU

Attorney Docket No.: In01631/S02

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

KARINA THORN, a critizen of Demonth, assume in Farming Demonth

BJARNE GRAM HANSEN, a critizen of Demonsk, residing in Alberted, Demark

LAUST BRUUN JOHNSEN, a citizen ar Descript, residing in Skedsheig, Denmark

MIKKEL NORS HARNDAHL, a citizen af a comark, residing in Rassilde, Denmark

ZHIRC YANG, a criticated China, residing in Senerg, China

HENRIK OFSTERGAARD, a citizen of decousing residing in Octobeke, Denmark

PER L GREISEN in concern of Decoration assessment demonstrational Massachusetts

EVA JOHANSSON is corrected Sweden resource to Vactorize Departure

MORTEN GROENBECH RASCH, a citizen in stenmark, residing in Smoerum, Denmark

JIANHE CHEN, a critizen of China, residing in beining it hina

ANDERS SVENSSON, a cargen of Sweden assuring in Malmoc, Sweden

HAISUN ZHU, a citizen of the forted States of loneness residing in Norfolk, Massachuseits

RONG ZHOU a citizen of China residing in Decision China

theremafter individually ASSIGNORs, for good and valuable consideration, the receipt of which is hereby acknowledged, each independently hereby assign to NOVO NORBISK AS a corporation organized under the law of Demark, ocated at Novo Alic, DK-2880 Bagsycerd. Demark (hereinafter ASSIGNED) in successors of assigns, all rights titles, and interests in discoveries and/or inventions critical.

#### Procession antibodies,

U.S. Parent Application Number(s) 16.48 (108 - dol. <u>lob. 26, 2019</u> and any constituations continuations in parent analysis discrete discrete in parents arising therefrom and any extensions respect, and/or reexamined patients thereof or class thereto and all rights in any parent conflictions, patients, and/or similar regal instruments that may claim a priority right that is predicated upon or erises from any such applications or parents many country.

Each ASSIGNOR independently coverants that he or she has full right in convex the entire right liftle and interest hereby assigned. Then ASSIGNOR further independently developed that he or she will whenever called upon the ASSIGNOR is because sorts legal representatives, or assigns communicate any known facts relating to the shaper matter of the applications and or related technologies, execute and deliver any and all his hill papers (including without limitation granting powers of attorney); aside all rightful oads at high this or declarations, testify in any legal proceedings, mediations, arbitrations or other proceedings, and perform all other lawful acts deemed by ASSIGNED necessary or designed to be above, protect, consecutive in the rights agreedy assigned performing all loss of ASSIGNED contours, protect, consecutive in the rights agreedy assigned performing of priors and other rights hereby assigned.

This ASSIONMEN's shall be himoing upon one of easily NOP's here, executors, administrators, successors, and/or assigns

Date	RANGAN DIORN
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Date	<u>EZCST DO US JOINSEN</u>
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# ASSIGNMENT OF RIGHTS IN AND RELATED TO US PATENT APPLICATION(S)

KARINA THORN, a citizen of Denmark, residing in Farum. Denmark

BJARNE GRAM HANSEN, a citizen of Denmark, residing in Alleroed, Denmark

LAUST BRUUN JOHNSEN, a citizen of Denmark, residing in Skodsborg, Denmark

MIKKEL NORS HARNDAHL, a citizen of Denmark, residing in Roskilde, Denmark

ZHIRU YANG, a citizen of China, residing in Beijing, China

HENRIK OESTERGAARD, a citizen of Denmark, residing in Oelstykke, Denmark

PER J. GREISEN, a citizen of Denmark, residing in Belmont, Massachusetts

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JIANHE CHEN, a citizen of China, residing in Beijing, China

ANDERS SVENSSON, a citizen of Sweden, residing in Malmoe, Sweden

HAISUN ZHU, a citizen of the United States of America, residing in Norfolk, Massachusetts

RONG ZHOU, a citizen of China, residing in Beijing. China

(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:

#### Proceagulant Antibodies.

U.S. Patent Application Number(s) 16/481,108, filed July 26, 2019, 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.

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

Date:	
88	KARINA THORN
Date:	
	BJARNE GRAM HANSEN
Date:	
	LAUST BRUUN JOHNSEN
Date:	A STEPPENT ALONG TO A
	MIKKEL NORS HARNDAHL
Date:	ZHIRU YANG
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Date:	HENRIK OESTERGAARD
Date:	
	PER J. GREISEN
Date:	
	EVA JOHANSSON
Date:	
and the second s	MORTEN GROENBECH RASCH
Date:	
	JIANHE CHEN

ASSIGNMENT	Attorney Docket Number 160163US02
Date:	
Date: 0+15, 2019	ANDERS SVENSSON  1/2  IIÁISUN ZHU
Date:	RONG ZHOU

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Date:	50 (00000000) (00	
		KARINA THORN
Date:		BJARNE GRAM HANSEN
A <b>rr</b> ecourse on		DIARNE GRAIN HAINSEIN
Date:	;	LAUST BRUUN JOHNSEN
Date:	***************************************	MIKKEL NORS HARNDAHL
Date:		ZHIRU YANG
Date:		HENRIK OESTERGAARD
Date:	*	PER J. GREISEN
Date:		EVA JOHANSSON
Date:		MORTEN GROENBECH RASCH
Date:		
-,*		ЛАNHE CHEN

ASKINMENT	Attorney Docket Number 150163US02
***************************************	
Date:	ANDERS SVENSSON
Date:	HAISUN ZHU
Date: Nov. 22.2019	RONGZHOU

Page 3 of 3