

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5074846

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
SEULKI LEE	04/26/2018
TED M. DAWSON	04/26/2018
HAN SEOK KO	04/26/2018
VALINA L. DAWSON	04/26/2018
SEUNG PIL YUN	04/27/2018
MAGDALENA SWIERCZEWSKA	06/14/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	THE JOHNS HOPKINS UNIVERSITY
<b>Street Address:</b>	3400 N. CHARLES STREET
<b>City:</b>	BALTIMORE
<b>State/Country:</b>	MARYLAND
<b>Postal Code:</b>	21218
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16065445
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>Email:</b>	heather@pabstpatent.com
<b>Correspondent Name:</b>	PABST PATENT GROUP LLP
<b>Address Line 1:</b>	1545 PEACHTREE STREET, SUITE 320
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<b>ATTORNEY DOCKET NUMBER:</b>	JHU C 13689 371
<b>NAME OF SUBMITTER:</b>	HEATHER BIFFLE
<b>SIGNATURE:</b>	/Heather Biffle/
<b>DATE SIGNED:</b>	07/31/2018
<b>Total Attachments: 8</b>	
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## ASSIGNMENT

We, Seulki Lee of 7751 Coriander Place, Elkridge, Maryland 21075, Ted M. Dawson of 5612 Saint Albans Way, Baltimore, Maryland 21212, Han Seok Ko of 6 Maymont Court, Lutherville, Maryland 21093, Valina L. Dawson of 5612 Saint Albans Way, Baltimore, Maryland 21212, Seung Pil Yun of 3 Athenry Court 202, Lutherville Timonium, Maryland 21093 and Magdalena Swierczewska of 9725 Clocktower Lane, Apt. 202, Columbia, Maryland 21046 in consideration of ten dollars and other valuable consideration paid to us by The Johns Hopkins University, a university of the state of Maryland, having its principal place of business at 3400 N. Charles Street, Baltimore, Maryland 21218 (hereinafter "said Assignee"), the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said Assignee, its successors and assigns, the entire interest for the United States of America, and its possessions and territories, and all foreign countries and jurisdictions, in, to, and for (1) a certain invention(s) and/or improvement(s) in *"Long-Acting GLP-1R Agonist As A Therapy Of Neurological and Neurodegenerative Conditions"* described in International Application No. PCT/US2016/068378 filed in the United States Receiving Office for the Patent Cooperation Treaty on December 22, 2016, by The Johns Hopkins University, and in the provisional application(s) to which priority is claimed, being U.S. Provisional Application No. 62/387,319 filed in the United States Patent and Trademark Office on December 23, 2015, (2) International Application No. PCT/US2016/068378 filed December 22, 2016, and U.S. Provisional Application No. 62/387,319 filed December 23, 2015, (3) all Letters Patent of the United States and its possessions and territories and of all foreign countries and jurisdictions which may or shall be granted on said invention(s), on said improvement(s), or on said application(s), (4) all provisional, divisional, continuation, reissue, PCT, national phase, or other applications based thereon, and (5) all rights of priority, including the right to claim priority to said application(s), under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and any other treaty relating thereto.

We agree, for ourselves and our executors and administrators, with said Assignee and its successors and assigns, but at its or their expense or charges, hereafter to execute all

Title: *"Long-Acting GLP-1R Agonist As A Therapy Of Neurological and Neurodegenerative Conditions"*  
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Filed: December 22, 2016  
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applications, amended specifications, deeds or other instruments, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and its possessions and territories and in all other foreign countries and jurisdictions to said Assignee, with specifications and claims in such form as shall be approved by the counsel of said Assignee, and to vest and confirm in said Assignee, its successors and assigns, the legal title to all such patents.

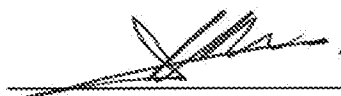
We do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application(s) based thereon to said Assignee, its successors and assigns.

We each individually do hereby state (1) that the application(s) was made or was authorized to be made by each of us and (2) that we each believe ourselves to be the original inventor or joint inventor of a claimed invention in the application(s).

We each individually do hereby authorize said Assignee's attorney to correct any typographical errors on this form, if necessary, and to complete this form by the addition of the application number(s), application filing date(s), and attorney docket number(s), if necessary.

Title: "Long-Acting GLP-1R Agonist As A Therapy Of Neurological and Neurodegenerative Conditions"  
By: The Johns Hopkins University  
Filed: December 22, 2016  
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WITNESS my hand and seal this 26<sup>th</sup> day of April, 2018



Seulki Lee

Witnesses:

1.

Signed: 

Printed Name: Seungwoo Chung

Address: 1101 N Calvert St Apt 503  
Baltimore, MD 21202

2.

Signed: 

Printed Name: Jongsung Park

Address: 116w University Pkwy Apt 1131  
Baltimore, MD, 21210

Title: "Long-Acting GLP-1R Agonist As A Therapy Of Neurological and Neurodegenerative Conditions"

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WITNESS my hand and seal this 26<sup>th</sup> day of April, 2018



Ted M. Dawson

Witnesses:

1.

Signed: 

Printed Name: Eloni Georgantonis

Address: 233 North Broadway, Baltimore MD 81234

2.

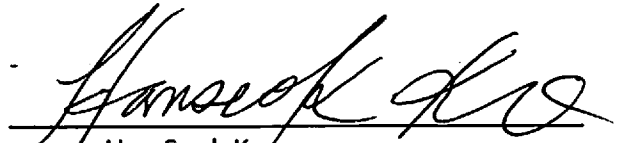
Signed: 

Printed Name: Nikia Whaley

Address: 733 N. Broadway, Ste 731  
Balto. MD 21205

Title: "Long-Acting GLP-1R Agonist As A Therapy Of Neurological and Neurodegenerative Conditions"  
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WITNESS my hand and seal this 26 day of April, 2018.

  
Han Seok Ko

Witnesses:

1. Signed: \_\_\_\_\_  
Printed Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_

2. Signed: \_\_\_\_\_  
Printed Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_

Title: "Long-Acting GLP-1R Agonist As A Therapy Of Neurological and Neurodegenerative Conditions"

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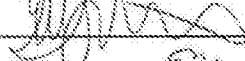
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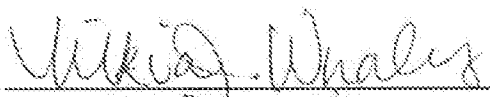
WITNESS my hand and seal this 26<sup>th</sup> day of April, 2018



Valina L. Dawson

Witnesses:

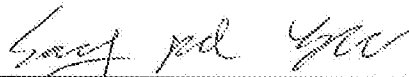
1. Signed:   
Printed Name: Elen Georgantonis  
Address: 733 N. Broadway Baltimore MD 21205

2. Signed:   
Printed Name: Vikia Whorley  
Address: 733 N. Broadway, Ste 731  
Balto MD. 21205

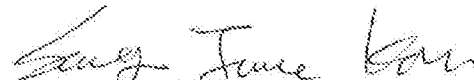
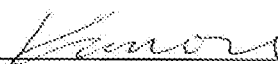


Title: "Long-Acting GLP-1R Agonist As A Therapy Of Neurological and Neurodegenerative Conditions"  
By: The Johns Hopkins University  
Filed: December 22, 2016  
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WITNESS my hand and seal this 22<sup>nd</sup> day of April, 2018.

  
Seung Pil Yun

Witnesses:

1. Signed:   
Printed Name: Sang June Kim  
Address: 733 North Broadway Baltimore MD 21205
2. Signed:   
Printed Name: Seung-Hwan Kwon  
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Title: "Long-Acting GLP-1R Agonist As A Therapy Of Neurological and Neurodegenerative Conditions"

By: The Johns Hopkins University

Filed: December 22, 2016

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WITNESS my hand and seal this 14<sup>th</sup> day of June, 2016



[Signature]  
Magdalena Swierczewska

Witnesses:

1. Signed: Elizabeth Fowble  
Printed Name: Elizabeth Fowble  
Address: 327 E. Ridgewille Blvd Mt. Airy, MD 21771
2. Signed: [Signature]  
Printed Name: Javier Lara  
Address: 327 E. Ridgewille Blvd, Mt. Airy, MD 21771