### 506481037 02/01/2021

## PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

#### **CONVEYING PARTY DATA**

Name	Execution Date	
LEONARDUS H.T. VAN DER PLOEG	09/27/2016	
BART HENDERSON	09/22/2016	

#### **RECEIVING PARTY DATA**

Name:	RHYTHM PHARMACEUTICALS, INC.
Street Address:	222 BERKELEY STREET, 12TH FLOOR
City:	BOSTON
State/Country:	MASSACHUSETTS
Postal Code:	02116

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number		
Application Number:	15764725		

#### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	R2054-7005US	
NAME OF SUBMITTER:	ANGELYN LARKIN	
SIGNATURE:	/Angelyn Larkin/	
DATE SIGNED:	02/01/2021	

#### **Total Attachments: 5**

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## **ASSIGNMENT**

WHEREAS, We, **Leonardus H.T. Van Der Ploeg** of 101 Hammond Street, Newton, Massachusetts 02467 and **Bart Henderson** of 48 Prentiss Lane, Belmont, Massachusetts, 02478, have invented one or more inventions described in an application entitled

## METHODS OF TREATING MELANOCORTIN-4 RECEPTOR PATHWAY-ASSOCIATED DISORDERS

for which we have filed a PCT International Application on **September 29, 2016** and accorded International Patent Application Number **PCT/US2016/054457**;<sup>1</sup>

and/or filed in the United States Patent and Trademark Office on **March 29, 2018** and accorded Application Number **15/764,725**;<sup>1</sup>

and/or filed in the United States Patent and Trademark Office on **September 30, 2015** and accorded Application Number **62/235,003**; and

WHEREAS, **RHYTHM PHARMACEUTICALS, INC.**, (hereinafter "ASSIGNEE"), a corporation having a business address at 500 Boylston Street, 11th Floor, Boston, Massachusetts 02116, desires to acquire an interest therein, in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns, and legal representatives, our entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to:

- (1) all of our inventions and discoveries described in said application and in any provisional application(s) to which said application(s) claims priority (including U.S. Provisional Patent Application Serial Number 62/235,003, entitled METHODS OF TREATING MELANOCORTIN-4 RECEPTOR PATHWAY-ASSOCIATED DISORDERS, filed September 30, 2015);
  - (2) the application(s) identified in paragraph (1), and all applications claiming priority

<sup>&</sup>lt;sup>1</sup> We appoint, authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting in the spaces provided above the filing date and serial number of said application when known.

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from such application(s), directly or indirectly, including all national stages of any international patent application(s);

- (3) the right to file patent, utility model, or other applications on any invention or discovery disclosed in any of the applications identified in paragraphs (1) and (2), including the right to file such applications on said inventions and discoveries in the names of ASSIGNEE or their designees or in our name, at ASSIGNEE's election and in accordance with applicable law in all countries and regions; and the right to file all patent, utility model, or other applications in all countries and regions claiming the priority of any of the provisional or non-provisional application(s) identified in paragraphs (1) or (2);
- (4) all rights to claim priority from any of the applications referred to in paragraphs (1), (2), and (3) or from any application from which any of the applications referred to in paragraphs (1), (2) and (3) claim priority in all countries and regions under the Paris Convention for the Protection of Industrial Property, the WTO GATT TRIPS Agreement, the Inter-American Convention relating to Inventions, Patents, Designs, and Industrial Models and all other international agreements to which the United States now is or hereafter becomes a signatory and, if the United States patent application is a provisional patent application, under 35 USC 119(e);
- (5) all continuations, continuations-in-part, and divisionals of any United States patent application(s) or international patent application(s) designating the United States, any national stages of any international application(s), and any other patent application(s) described in paragraphs (1) through (4) hereof, including further continuations, continuations-in-part, and divisionals such as, but not limited to, continuations of continuations and continuations of divisionals:
- (6) all patents, utility models, or other grants that issue from any of the applications referred to herein and all rights and remedies associated therewith including the right to sue for and recover past damages and to recover under 35 U.S.C. § 154 (d) or any other law permitting remedies for infringement prior to issuance of the patent, including but not limited to any cause(s) of action and damages accruing prior to this assignment;
- (7) all registrations and confirmations of, and importation certificates based upon, one or more of said patents, utility models, or other grants, and applications for such registrations, confirmations and importation certificates and;
- (8) all reissues, renewals and extensions of said patents, utility models, registrations, confirmations and importation certificates, reexamination certificates issued for said patents and supplementary protection certificates based upon said patents and applications for such reissues, renewals, extensions, reexamination certificates and supplementary protection certificates;

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said invention(s), application(s) and patent(s) or Letters Patent(s) to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said patent(s) or Letters Patent(s) may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made. We hereby acknowledge that this assignment, being of our entire right, title and interest in and to said invention(s), carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all patent(s) or Letters Patent(s) by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all patent(s) or Letters Patent(s) to ASSIGNEE in its own name as assignee of our entire right, title and interest therein:

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention(s) to said ASSIGNEE, its successors, assigns, and legal representatives, but at its or their expense and charges, including the execution of non-provisional, substitution, continuation, divisional, reissue, reexamination, or corresponding foreign or international patent applications;

AND, we hereby further agree to provide statements or testimony in any interference or other proceeding in which said invention(s) or any application or patent directed thereto may be involved;

AND, we hereby authorize ASSIGNEE or its attorneys or agents to insert the correct application number and filing date into this assignment, if none is indicated on the date of our execution of this assignment;

AND, we hereby authorize and request the Director of the United States Patent and Trademark Office and the empowered officials of all other governments to issue such patents or Letters Patent(s) as shall be granted upon said application, or applications based thereon, to said ASSIGNEE, its successors, assigns, or legal representatives;

AND, we hereby further agree that should any provision of this Assignment be deemed invalid or unenforceable by reason of any law, statute, regulation or judgment, existing now or in the future in any jurisdiction, such provision shall be modified in such jurisdiction so as to nearly approximate the intent of the inventor(s) and the ASSIGNEE. If this cannot be done, such invalid or unenforceable provision shall be divisible and be deleted in any such jurisdiction, and all other provisions shall remain in full force and effect. The modification or deletion of any provision in one jurisdiction shall have no effect on this Assignment in any other jurisdiction.

IN WITNESS WHEREOF, we have hereunto set our hand and seal.

Executed this <b>27</b> day of	6.2016.	
ву	(Seal)	
Legnardus H.T. Van Der Pla	<b>e</b>	
Witnessed by:		
Allow -		
Name: Michael R. Feloni	Name:	
Address: 5/05 Central St	Address:	
Holliston, MA		
Executed this 22 day of Solenio	e 2016	
BY	(Seal)	
Bart Henderson		
Witnessed by:		
Milow		
Name: Michael R. Feloni	Name:	
Address: 565 Central St	Address:	
(tolliston MA		
* in to only of the		

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# RHYTHM PHARMACEUTICALS, INC.

Executed	this	22008	day	of	September		20 <u>16</u>
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BY\_\_\_\_\_L.S

Name:

Witnessed b

RECORDED: 02/01/2021

Title: Authorized Signatory

- Phelow

Name: Michael R. Feloni Name:

Address: 565 autal St Address:

565 control St (tollistm, MA 01746