

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4965720

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ZHAOLIN WANG	03/19/2017
PING YE	03/16/2017
ALONSO RICARDO	03/16/2017
KRISTOPHER JOSEPHSON	03/20/2017
PAUL ANDERSON	03/17/2017
MICHELLE DENISE HOARTY	03/16/2017
ZHONG MA	03/16/2017
NATHAN EZEKIEL NIMS	03/17/2017
EBERHARD SCHNEIDER	03/22/2017
GREGOR SCHURMANN	03/26/2017
PETER WAGNER	03/22/2017
DOUGLAS A. TRECO	03/16/2017
HONG ZHENG	03/17/2017
DANIEL ELBAUM	03/20/2017
NICOLAS CEDRIC BOYER	03/21/2017
RECEIVING PARTY DATA	
Name:	RA PHARMACEUTICALS, INC.
Street Address:	87 CAMBRIDGE PARK DRIVE
City:	CAMBRIDGE
State/Country:	MASSACHUSETTS
Postal Code:	02140
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15978271
CORRESPONDENCE DATA	
Fax Number:	(978)448-8721
<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>	
Phone:	978-448-8720

Email: DOCKETING@DTWARDLAW.COM
Correspondent Name: DT WARD, PC
Address Line 1: 142A MAIN STREET
Address Line 4: GROTON, MASSACHUSETTS 01450

ATTORNEY DOCKET NUMBER: 2011.1001USCON3

NAME OF SUBMITTER: JESSICA L. CHARLAND

SIGNATURE: /Jessica L. Charland/

DATE SIGNED: 05/17/2018

Total Attachments: 13

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CONFIRMATION AND ACKNOWLEDGMENT OF ASSIGNMENT

The undersigned hereby acknowledges receipt of assignment of the entire worldwide right, title, and interest in all inventions and improvements ("SUBJECT MATTER") that are disclosed in the following provisional application filed under 35 U.S.C. § 111(b), non-provisional application filed under 35 U.S.C. § 111(a), international application filed according to the Patent Cooperation Treaty (PCT), or U.S. national phase application filed under 35 U.S.C. § 371 ("APPLICATION"):

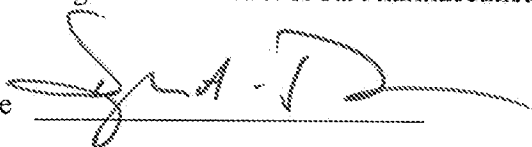
- Application No. 15/459,035 entitled "PEPTIDE AND PEPTIDOMIMETIC INHIBITORS", filed on March 15, 2017.

From <u>Zhaolin Wang</u>	Dated <u>March 19, 2017</u>
From <u>Ping Ye</u>	Dated <u>March 16, 2017</u>
From <u>Alonso Ricardo</u>	Dated <u>March 16, 2017</u>
From <u>Kristopher Josephson</u>	Dated <u>March 20, 2017</u>
From <u>Paul Anderson</u>	Dated <u>March 17, 2017</u>
From <u>Michelle Denise Hoarty</u>	Dated <u>March 16, 2017</u>
From <u>Zhong Ma</u>	Dated <u>March 16, 2017</u>
From <u>Nathan Ezekiel Nims</u>	Dated <u>March 17, 2017</u>
From <u>Eberhard Schneider</u>	Dated <u>March 22, 2017</u>
From <u>Gregor Schurmann</u>	Dated <u>March 26, 2017</u>
From <u>Peter Wagner</u>	Dated <u>March 22, 2017</u>
From <u>Douglas A. Treco</u>	Dated <u>March 16, 2017</u>
From <u>Hong Zheng</u>	Dated <u>March 17, 2017</u>
From <u>Daniel Elbaum</u>	Dated <u>March 20, 2017</u>
From <u>Nicolas Cedric Boyer</u>	Dated <u>March 21, 2017</u>

The undersigned acknowledges and accepts this assignment on behalf of Ra Pharmaceuticals, Inc.

Date 5/16/18

Signature



Authorized Representative of Ra Pharmaceuticals, Inc.

ASSIGNMENT

For good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, the person(s) named below (referred to as "INVENTOR" whether singular or plural) has sold, assigned, and transferred and does hereby sell, assign, and transfer to Ra Pharmaceuticals, Inc., having a place of business at 87 Cambridge Park Drive, Cambridge, Massachusetts 02140, for itself and its successors, transferees, and assigns (herein "ASSIGNEE") the following:

1. The entire worldwide right, title, and interest in all inventions and improvements ("SUBJECT MATTER") that are disclosed in the following provisional application filed under 35 U.S.C. § 111(b), non-provisional application filed under 35 U.S.C. § 111(a), international application filed according to the Patent Cooperation Treaty (PCT), or U.S. national phase application filed under 35 U.S.C. § 371 ("APPLICATION");

- Application No. 15/459,035, entitled "PEPTIDE AND PEPTIDOMIMETIC INHIBITORS" filed on March 15, 2017.

2. The entire worldwide right, title, and interest in and to:
(a) the APPLICATION; (b) all applications claiming priority from the APPLICATION; (c) all provisional, utility, divisional, continuation, substitute, renewal, reissue, and other applications related thereto which have been or may be filed in the United States or elsewhere in the world; (d) all patents (including reissues and re-examinations) which may be granted on the applications set forth in (a), (b), and (c) above; and (e) all right of priority in the APPLICATION and in any underlying provisional or foreign application, together with all rights to sue for and recover damages for past acts of infringement, whether based on any patents listed herein, patents issuing from applications listed herein or provisional rights from any patent application listed herein.

INVENTOR agrees that ASSIGNEE may apply for and receive patents for SUBJECT MATTER in ASSIGNEE's own name.

INVENTOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute all oaths, assignments, powers of attorney, applications, and other papers necessary or desirable to fully secure to ASSIGNEE the rights, titles and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER; and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. INVENTOR further agrees to provide any successor, assign, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

INVENTOR represents that INVENTOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that the INVENTOR has not made and will not

Title: PEPTIDE AND PEPTIDOMIMETIC INHIBITORS

Filed: March 15, 2017

Application No.: 15/459,035

hereafter make any assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

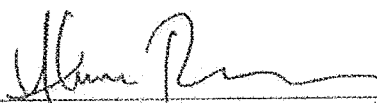
INVENTOR grants the attorney of record the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

INVENTOR acknowledges the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

Date _____ Signature _____
Name Zhaolin Wang

Date 3/16/17 Signature 
Name Ping Ye

Date 03/16/17 Signature 
Name Alonso Ricardo

Date 3/20/17 Signature 
Name Kristopher Josephson

Date _____ Signature _____
Name Paul Anderson

Title: PEPTIDE AND PEPTIDOMIMETIC INHIBITORS
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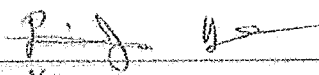
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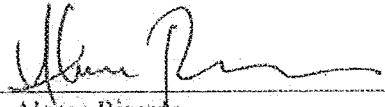
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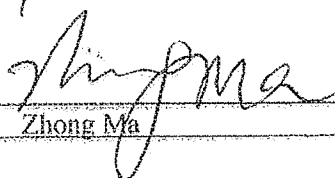
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Date 3/16/17 Signature 
Name Michelle Denise Hoarty

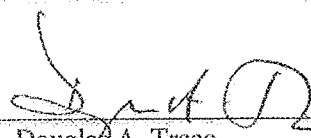
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Signature

Name

Michelle Hoarty
Michelle Denise Hoarty

Date 3/16/17

Signature

Name

Zhong Ma
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Peter Wagner

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Name

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Date _____

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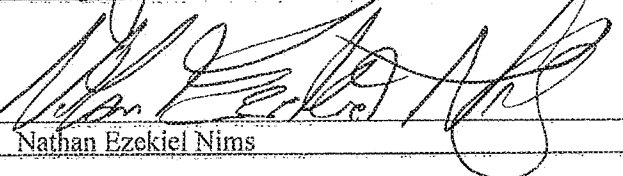
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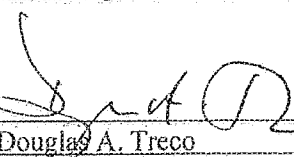
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Name

Michelle Hoarty
Michelle Denise Hoarty

Date 3/16/17

Signature

Name

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Nathan Ezekiel Nims

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Eberhard Schneider

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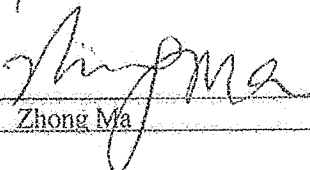
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Date 3/20/17

Signature 
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Date _____

Signature _____
Name Nicolas Cedric Boyer

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