

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5845968

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MARK A. KAY	05/23/2016
HAK KYUN KIM	02/09/2015
SHENGCHUN WANG	01/28/2015
RECEIVING PARTY DATA	
Name:	THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY
Street Address:	OFFICE OF THE GENERAL COUNSEL
Internal Address:	BUILDING 170, THIRD FLOOR, MAIN QUAD, P.O. BOX 20386
City:	STANFORD
State/Country:	CALIFORNIA
Postal Code:	94305-2038
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16700973
CORRESPONDENCE DATA	
Fax Number:	(415)442-1001
<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:	4154421000
Email:	SFIPDOCKETING@MORGANLEWIS.COM
Correspondent Name:	MORGAN, LEWIS & BOCKIUS LLP (SP)
Address Line 1:	ONE MARKET, SPEAR STREET TOWER, SUITE 28
Address Line 4:	SAN FRANCISCO, CALIFORNIA 94105
ATTORNEY DOCKET NUMBER:	068597-5026-US02
NAME OF SUBMITTER:	GREGORY DUNN
SIGNATURE:	/Gregory Dunn/
DATE SIGNED:	12/02/2019
Total Attachments: 4	
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U.S. Application No. **14/214,032**
Attorney Docket No. **068597-5026-US**

ASSIGNMENT
(Joint Inventors)

WHEREAS, the undersigned, (1) **May A. KAY**, residing in Los Altos, California, United States of America; (2) **Hak Kyun KIM**, residing in Palo Alto, California, United States of America; and (3) **Shengchun WANG**, residing in Union City, California, United States of America; respectively, (hereinafter termed "Inventors") have invented certain new and useful improvements in, and executed therefore an application for Letters Patent of the United States and entitled, "**tRNA DERIVED SMALL RNAs (tsRNAs) INVOLVED IN CELL VIABILITY**,"

having an oath or declaration executed on **May 23, 2016, February 9, 2015 and January 28, 2015**, respectively, and authorizing **Morgan, Lewis & Bockius LLP** to insert oath or declaration execution date; and

bearing U.S. Patent Application No. **14/214,032**, filed **March 14, 2014**

WHEREAS, **THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY**, a corporation organized and existing under the laws of the State of California, having a place of business at, Office of the General Counsel, Building 170, Third Floor, Main Quad, P. O. Box 20386, Stanford, California 94305-2038, United States of America, (hereinafter termed "Assignee"), is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventors to have been received in full from said Assignee:

1. Said Inventors do hereby sell, assign, transfer and convey unto said Assignee, the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a division, substitution, or continuation of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.

2. Said Inventors do hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and

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U.S. Application No. 14/214,032
Attorney Docket No. 068597-5026-US

documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.

3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, their respective heirs, legal representatives and assigns.

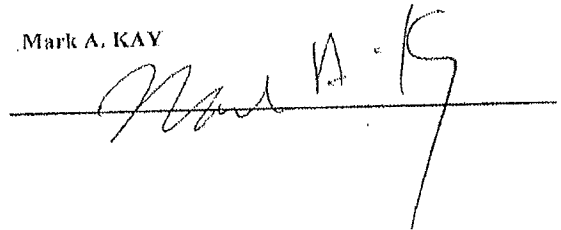
4. Said Inventors do hereby jointly and severally warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN TESTIMONY WHEREOF, the said Inventors have executed and delivered this instrument to said Assignee as follows:

Date:

5/23/16

(1) Mark A. KAY



(2) Hak Kyun KIM

Date:

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U.S. Application No. 14/214,032
Attorney Docket No. 068597-5026-US

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documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions, provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.

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IN TESTIMONY WHEREOF, the said Inventors have executed and delivered this instrument to said Assignee as follows:

(1) Mark A. KAY

Date

(2) Hak Kyun KIM

Date

02/09/2015



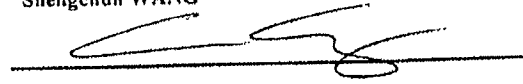
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U.S. Application No. 14/214,032
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Date: 01/28/2015

(3) Shengchun WANG

A handwritten signature in black ink, appearing to be 'Shengchun WANG', written over a horizontal line.

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