

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT6199332

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Louis M. Messina	08/07/2019
Guodong Tie	08/07/2019
RECEIVING PARTY DATA	
Name:	University of Massachusetts
Street Address:	One Beacon Street, 31st Floor
Internal Address:	
City:	Boston
State/Country:	MA
Postal Code:	02108
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16332588
CORRESPONDENCE DATA	
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NAME OF SUBMITTER:	LAKEISHA BRYANT
SIGNATURE:	/Lakeisha Bryant/
DATE SIGNED:	07/14/2020
Total Attachments: 4	
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ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we, LOUIS M. MESSINA and GUODONG TIE, hereby assign to: UNIVERSITY OF MASSACHUSETTS, a public institution of higher education of the Commonwealth of Massachusetts, having a place of business at One Beacon Street, 31st Floor, Boston, MA 02108; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title, and interest throughout the world in the inventions and improvements which are the subject of and described in an application for United States Patent, entitled "TARGETING MICRORNA-101-3P IN CANCER THERAPY," filed on March 12, 2019, and assigned U.S. Serial Number 16/332,588, and subject of a PCT Application filed on October 31, 2017, and assigned PCT Serial Number PCT/US2017/059367.

This Assignment assigns (a) the Application and all other applications that may be made for, and all patents, utility models, design registrations, and other rights of exclusion and inventors' certificates for, any of the Subject Matter (collectively the "Applications and Granted Rights") in every country or region, (b) the right to claim priority based on and the benefit of the filing date of any of the Applications and Granted Rights under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other applicable treaties or conventions, and (c) the right to pursue, collect, and retain in the Assignee's name or otherwise, damages and any other remedies arising from any past, present, or future infringement of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment.

We confirm our prior authorization of the Assignee to apply for and pursue protection for any or all of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment in all countries, regions, and territories of the world, in my name or in the Assignee's name.

We represent and warrant that we have the right and power to make this Assignment and that We have not made and will not make any other assignment that conflicts with this Assignment.

We will communicate to the Assignee (or at the request of the Assignee to other parties) all known facts in any form relating to the Subject Matter, will execute and provide all oaths and declarations, statements, testimony, assignments, powers of attorney, applications, and

documents, and will perform all other lawful acts necessary or desirable to secure fully to the Assignee the rights, titles, and interests assigned by this Assignment.

Louis Messina DATE: August 7, 2019
Louis M. Messina

State of Massachusetts :

: ss.

County of Worcester :

Before me this 7th day of August, 2019, personally appeared Louis M. Messina known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

Notary Public M. Caulley
My Commission Expires: 10/21/2022



Guodong Tie

DATE: 08/07/2019

Guodong Tie

State of Massachusetts :

: ss.

County of the United States :

Before me this 7th day of August, 2019, personally appeared Guodong Tie known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

Notary Public M. Cawley
My Commission Expires: 10/21/22



The Assignee hereby acknowledges and accepts the foregoing assignment.

Assignee: UNIVERSITY OF MASSACHUSETTS

Signature: James P. McNamara Date: 3/19/19
Name: James P. McNamara, Ph.D.
Title: Executive Director, OTM