

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2822442

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
DR. MANOJ MANIAR	04/10/2014
DR. FRANCOIS WILHELM	01/24/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ONCONOVA THERAPEUTICS, INC
<b>Street Address:</b>	375 PHEASANT RUN
<b>City:</b>	NEWTOWN
<b>State/Country:</b>	PENNSYLVANIA
<b>Postal Code:</b>	18940
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>PCT Number:</b>	US2013073667
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(301)767-0145
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	3014042126
<b>Email:</b>	hk@khaliliansira.com
<b>Correspondent Name:</b>	HOURI KHALILIAN
<b>Address Line 1:</b>	9100 PERSIMMON TREE ROAD
<b>Address Line 4:</b>	POTOMAC, MARYLAND 20854
<b>ATTORNEY DOCKET NUMBER:</b>	21300-1402
<b>NAME OF SUBMITTER:</b>	HOURI KHALILIAN
<b>SIGNATURE:</b>	/Houri Khalilian/
<b>DATE SIGNED:</b>	04/21/2014
<b>Total Attachments: 9</b>	
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This Assignment is effective as of the 7<sup>th</sup> day of December 2012

## ASSIGNMENT OF INVENTION

WHEREAS, I, **MANOJ MANIAR**, a citizen of United States of America, with a post office address of 46750 Sentinel Drive, Fremont, California 94539, United States of America, along with **FRANÇOIS WILHELM**, a citizen of United States of America, with a post office address of 604 Kingston Road, Princeton, New Jersey 08540, United States of America, have invented certain inventions and improvements disclosed in a Provisional Patent Application entitled:

### "METHODS AND COMPOSITIONS FOR TREATMENT OF CANCER"

filed as the first Provisional Application in the U.S. Patent & Trademark Office on **December 7, 2012**, and assigned Patent Application No. **61/734,933**, having attorney docket No.: 21300-1400, and as the second provisional Application in the U.S. Patent & Trademark Office on **May 23, 2013**, and assigned Patent Application No. **61/826,973**, having attorney docket No.: 21300-1400-1, and subsequently filed as a PCT Application on **December 6, 2013**, and assigned PCT Application No. **PCT/US2013/073667**, having attorney docket No.: 21300-1402;

WHEREAS, **ONCONOVA THERAPEUTICS, INC.**, an entity having a place of business at 375 Pheasant Run, Newtown, Pennsylvania 18940, United States of America, hereinafter generally referred to as "ASSIGNEE" is desirous of acquiring an interest in the same;

NOW, THEREFORE, for and in consideration of Five Dollars (\$5.00) and other good and valuable consideration, the receipt and sufficiency of which we hereby acknowledge, we, **MANOJ MANIAR**, and **FRANÇOIS WILHELM**, by these presents do sell, assign and transfer unto **ONCONOVA THERAPEUTICS, INC.**, the full, exclusive and entire right, title,

and interest in and to said patent application, and to any and all United States applications including all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed on any of said invention, developments and improvements disclosed in said disclosure of invention; and to all original patents, reissued patents, confirmation patents and patents of addition which have been or shall be issued on said inventions, developments and improvements and all continuations, extensions, and/or renewals thereof;

For the same consideration, we, by these presents do sell, assign, and transfer to **ONCONOVA THERAPEUTICS, INC.**, the full, exclusive, and entire right, title and interest in and to any foreign application or applications corresponding to said patent application, in whole or in part, in countries other than the United States, in and to any Letters Patent and similar protective rights granted on said foreign applications, and in and to the right to claim any applicable priority rights arising from or required for said foreign applications under the terms of any applicable conventions, treaties, statutes, or regulations; said foreign applications to be filed and issued in the name of **ONCONOVA THERAPEUTICS, INC.**, or its designee insofar as permitted by applicable law.

AND, for the same consideration, we agree to sign all lawful papers, execute all patent applications and other applications, make all assignments and rightful oaths, and generally do everything possible to said **ONCONOVA THERAPEUTICS, INC.**, its successors, assigns, and nominees, to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

The undersigned hereby grants to the firm of **Law Offices of Khalilian Sira, LLC**, whose full post office address is 9100 Persimmon Tree Road, Potomac, MD 20854, USA, the

power to insert on this assignment any further information and/or correct any clerical error in the information pertaining to the referenced application above, which may be necessary or desirable in order to comply with the patent legislation for recordation of this document.



**CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT**

State of California

County of Alameda

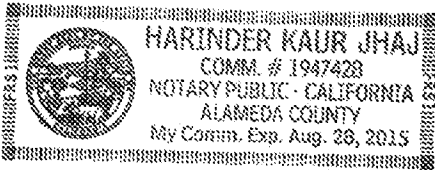
On April 10<sup>th</sup>, 2014 before me, "Harinder Kaur Jhaj, Notary Public"  
Date Here Insert Name and Title of the Officer

personally appeared Manoj Manjor  
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Place Notary Seal Above

Signature HK Jhaj  
Signature of Notary Public

**OPTIONAL**

*Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.*

**Description of Attached Document**

Title or Type of Document: Execution of Assignment of the Invention

Document Date: April 10, 2014 Number of Pages: four

Signer(s) Other Than Named Above: —

**Capacity(ies) Claimed by Signer(s)**

Signer's Name: \_\_\_\_\_

- Individual
- Corporate Officer — Title(s): \_\_\_\_\_
- Partner —  Limited  General
- Attorney in Fact
- Trustee
- Guardian or Conservator
- Other: \_\_\_\_\_

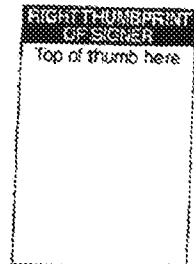
Signer is Representing: \_\_\_\_\_



Signer's Name: \_\_\_\_\_

- Individual
- Corporate Officer — Title(s): \_\_\_\_\_
- Partner —  Limited  General
- Attorney in Fact
- Trustee
- Guardian or Conservator
- Other: \_\_\_\_\_

Signer is Representing: \_\_\_\_\_



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and interest in and to said patent application, and to any and all United States applications including all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed on any of said invention, developments and improvements disclosed in said disclosure of invention; and to all original patents, reissued patents, confirmation patents and patents of addition which have been or shall be issued on said inventions, developments and improvements and all continuations, extensions, and/or renewals thereof;

For the same consideration, we, by these presents do sell, assign, and transfer to **ONCONOVA THERAPEUTICS, INC.**, the full, exclusive, and entire right, title and interest in and to any foreign application or applications corresponding to said patent application, in whole or in part, in countries other than the United States, in and to any Letters Patent and similar protective rights granted on said foreign applications, and in and to the right to claim any applicable priority rights arising from or required for said foreign applications under the terms of any applicable conventions, treaties, statutes, or regulations; said foreign applications to be filed and issued in the name of **ONCONOVA THERAPEUTICS, INC.**, or its designee insofar as permitted by applicable law.

AND, for the same consideration, we agree to sign all lawful papers, execute all patent applications and other applications, make all assignments and rightful oaths, and generally do everything possible to said **ONCONOVA THERAPEUTICS, INC.**, its successors, assigns, and nominees, to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

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