## 504656360 11/27/2017

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
ZI-HUA JIANG	04/05/2017
JORDAN DAVID LEWICKY	04/05/2017
GENEVIEVE MARY WEIR	04/10/2017
RAJKANNAN RAJAGOPALAN	04/10/2017
LEELADHAR SAMMATUR	04/10/2017
MARIANNE MICHELLE STANFORD	04/10/2017
MARC MANSOUR	04/10/2017

### **RECEIVING PARTY DATA**

Name:	IMMUNOVACCINE TECHNOLOGIES INC.	
Street Address:	1344 SUMMER STREET, SUITE 412	
City:	HALIFAX, NOVA SCOTIA	
State/Country:	CANADA	
Postal Code:	B3H 0A8	

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

Property Type	Number	
Application Number:	15541774	

### **CORRESPONDENCE DATA**

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SIGNATURE:	/Rosalee Leeds/
DATE SIGNED:	11/27/2017

PATENT 504656360 REEL: 044220 FRAME: 0904

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PATENT REEL: 044220 FRAME: 0905

### ASSIGNMENT

### WHEREAS, we,

- Zi-Hua JIANG of 328 Sunflower Street, Thunder Bay, Ontario, P7G 1C8, Canada Citizenship: Canadian
- 2) Jordan David LEWICKY of 216 Poplar Avenue, Thunder Bay, Ontario, P7B 1V9 Canada Citizenship: Canadian
- 3) Genevieve Mary WEIR of 468 Spring Avenue, Dartmouth, Nova Scotia, B2W 1X8, Canada Citizenship: Canadian
- 4) Rajkannan RAJAGOPALAN of 1 Collins Grove, Dartmouth, Nova Scotia, B2W 4G3, Canada Citizenship: Indian
- Leeladhar SAMMATUR of 46 Fathom Court, Halifax, Nova Scotia, B3M 0A7 Canada Citizenship: Canadian
- 6) Marianne Michelle STANFORD of 132 Parklyn Court, Upper Tantallon, Nova Scotia, B3Z 1N3, Canada Citizenship: Canadian
- 7) Marc MANSOUR of 17 Alton Drive, Halifax, Nova Scotia, B3N 1L8, Canada Citizenship: Canadian

(hereinafter referred to as the "Assignors"), have made certain inventions and discoveries disclosed in United States Patent Application to be filed in the United States Patent Office based on International PCT Patent Application No. PCT/CA2015/051309 filed December 11, 2015, which claims priority from United States Serial No. 62/100,233 entitled LIPID A MIMICS, METHODS OF PREPARATION, AND USES THEREOF filed on January 6, 2015, (hereinafter referred to as the "Application");

AND WHEREAS, IMMUNOVACCINE TECHNOLOGIES INC., whose full post office address is 1344 Summer Street, Suite 412, Halifax, Nova Scotia, B3H 0A8, Canada, (hereinafter referred to as the "Assignee"), is desirous of acquiring the entire right, title, and interest in and to said inventions and discoveries, and in and to the Application inclusive of any and all priority rights derived therefrom for any and all countries in the world, and in and to any and all Letters Patent issuing in any and all countries in the world, to be granted for said inventions and discoveries based on said Application or on patent applications filed in any country claiming priority from said Application;

REEL: 044220 FRAME: 0906

File Number: 78961-175 Serial No. Filing Date:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we the Assignors, do hereby sell, assign, transfer, and set over unto the Assignee, its successors and assigns, our entire right, title, and interest in and to the inventions and discoveries disclosed in the Application, and in and to the Application and any continuations or divisions thereof and all priority rights derived therefrom, and in and to any and all patent applications and any continuations or divisions thereof filed in any country claiming priority from the Application, and in and to all Letters Patent which may be granted upon the Application or upon patent applications filed in any and all countries in the world including the United States of America, claiming priority from the Application, and in and to any and all reissues, substitutions, or prolongations thereof; the same to be held and enjoyed by the Assignee for its own use and behoof, and for the use and behoof of its successors and assigns, to the full end of the term or terms for which said Letters Patent, or reissues, substitutions, or prolongations thereof may be granted, as fully and entirely as the same would have been held and enjoyed by us had this assignment and sale not been made;

AND we hereby agree that, upon request, and without further consideration, but at the expense of the Assignee, we will communicate to the Assignee or its representatives or nominees any facts known to us respecting said inventions and discoveries and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths and generally aid the Assignee, its successors, assigns, and nominees to obtain and enforce proper patent protection for said inventions and discoveries in all countries, and we further agree to execute any and all further papers which may be necessary or desirable to vest or perfect the title of the Assignee, its successors and assigns, in and to said inventions and discoveries, and in and to any and all Letters Patent or reissues thereof which may be granted upon application in any and all countries in the world.

AND we hereby authorize and request any official whose duty it is to issue patents to issue each and every Letters Patent to be granted upon the aforesaid Application in any and all countries, and each and every reissue of said Letters Patent, to the Assignee, its successors and assigns, as the assignee of our entire right, title and interest therein, in accordance with this assignment.

THIS assignment made effective December 11, 2015.

SIGNED this day of April 5, 2017

NESS '

ZI-HUA JIANG

SIGNED this Sday of April	. 2017	_
Mr.		Jordan Lemicky
WITNESS	(	JORDAN DAVID LEWICKY
SIGNED this day of	<b>,</b>	•
WITNESS	<del>,,,-</del>	GENEVIEVE MARY WEIR
SIGNED this day of	,	•
WITNESS		RAJKANNAN RAJAGOPALAN
SIGNED this day of	,	
WITNESS		LEELADHAR SAMMATUR
SIGNED this day of	,	•
WITNESS		MARIANNE MICHELLE STANFORD

3

SIGNED this day of	
WITNESS	JORDAN DAVID LEWICKY
SIGNED this orday of April , 2017  Quelle Commonwithers	GENEVIEVE MARY WEIR
SIGNED this May of April, 2017  Paullianno  WITNESS	RAJKANNAN RAJAGOPALAN
SIGNED this O'day of April, 201- Gaullamo.  WITNESS	LEELADHAR SAMMATUR
SIGNED this Page April, 201	MARIANNE MICHELLE STANFORD

File Number: 78961-175

Serial No. Filing Date:

SIGNED this/Oday of April, 2017.

WITNESS

MARC MANSOUR

File Number: 78961-175

Serial No. Filing Date:

ACKNOWLEDGED AND ACCEPTED at Halifax, NS, this /D#day of April, 2017.

IMMUNOVACCINE TECHNOLOGIES INC.

Frederic ors

print name

Chief Brecutive Officer