505363468 03/07/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5410258

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JEFFREY SMITH	02/07/2019
ANDREW MACKLIN	02/01/2019

RECEIVING PARTY DATA

Name:	OTTAWA HOSPITAL RESEARCH INSTITUTE
Street Address:	501 SMYTH ROAD
City:	OTTAWA
State/Country:	CANADA
Postal Code:	K1H 8L6

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15546167

CORRESPONDENCE DATA

Fax Number: (617)646-8646

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.

Phone: 617-646-8000

Email: patents_JessicaChao@wolfgreenfield.com.

landon.summers@wolfgreenfield.com

Correspondent Name: JESSICA CHAO

Address Line 1: WOLF, GREENFIELD & SACKS, P.C.

Address Line 2: 600 ATLANTIC AVENUE

Address Line 4: BOSTON, MASSACHUSETTS 02210

ATTORNEY DOCKET NUMBER:	G0357.70005US01
NAME OF SUBMITTER:	JESSICA J. CHAO
SIGNATURE:	/Jessica J. Chao/
DATE SIGNED:	03/07/2019

Total Attachments: 9

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PATENT 505363468 REEL: 048532 FRAME: 0845



ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned Assignor, hereby:

- Sell, assign and transfer to Ottawa Hospital Research Institute, a Canadian Corporation having a place of business at 501 Smyth Road, Ottawa, Ontario K1H 8L6, CANADA, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, my entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the patent application for United States Letters Patent filed in the United States Patent and Trademark Office on July 25, 2017 under No. 15/546,167, bearing Attorney Docket No. G0357.70005US01, and entitled COMPOSITIONS AND METHODS FOR VIRAL SENSITIZATION, and in and to the application and all corresponding provisional, non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any foreign country, including but not limited to China, Japan and Korea, on any of the inventions and designs; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction on the inventions and designs, including the right to apply for patent rights in each foreign country and all rights to priority, including the right to claim priority for China, Japan and Korea; as well as the right to sue in its own name and recover damages for past infringement of any United States Letters Patent and foreign patent. including a reasonable royalty relating to provisional rights under 35 U.S.C. § 154(d) that have attached to any published United States patent application, on the inventions and designs:
- 2. Agree that the Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for the inventions and designs in its own name; and when requested, without charge to but at the expense of the Assignee, agree to carry out in good faith the intent and purpose of this Assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design applications on any and all the inventions and designs, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to the Assignee all facts known to me relating to the inventions and designs and the history thereof, and generally by doing everything reasonably possible which the Assignee shall consider desirable for aiding in securing and maintaining proper protection for the inventions and designs and for vesting title to the inventions and designs and all applications for patents and all patents on the inventions and designs, in the Assignee:
- 3. Request the Director of the United States Patent and Trademark Office and foreign patent authorities to issue the Letters Patent or other intellectual property rights, including foreign patents, to the Assignee;
- 4. Authorize and request Wolf, Greenfield & Sacks, P.C. to supply any missing application identification information or correct any errors in the application identification information provided above, whether discovered prior to or after recordation;

Attorney Docket No. G0357,70005US01

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- 5. Covenant with the Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me; and
- 6. Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

This instrument is executed under seal and signed under the pains and penalties of perjury under the laws of the United States of America.

Attorney Docket No. G0357.70005US01

Feb	7/19
Jala	

Inventor: Jeffrey mit

Address: c/o Ottawa Hospital Research Institute

501 Smyth Road, Box 411 Ottawa, Ontario K1H 8L6

CANADA

Citizenship: Canada

Witness:

Signature

Name:

Doubl Mattellin

Address:

34 Commande Drive

6/4:U1, ON

Witness:

Address:

Attorney Docket No. G0357.70005US01

Date	Inventor: Address:	Andrew Macklin c/o Ottawa Hospital Research Institute 501 Smyth Road, Box 411 Ottawa, Ontario K1H 8L6 CANADA
	Citizenship:	Canada
Witness:		
Date	Signature)
	Name:	
	Address:	
Witness:		
Date	Signature	3
	Name:	
	Address:	
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Attorney Docket No. G0357.70005US01		
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ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned Assignor, hereby:

- * Sell, assign and transfer to Ottawa Hospital Research Institute, a Canadian Corporation having a place of business at 501 Smyth Road, Ottawa, Ontario K1H 8L6, CANADA, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, my entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the patent application for United States Letters Patent filed in the United States Patent and Trademark Office on July 25, 2017 under No. 15/546,167, bearing Attorney Docket No. G0357.70005US01, and entitled COMPOSITIONS AND METHODS FOR VIRAL SENSITIZATION, and in and to the application and all corresponding provisional, non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any foreign country, including but not limited to China, Japan and Korea, on any of the inventions and designs; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction on the inventions and designs, including the right to apply for patent rights in each foreign country and all rights to priority, including the right to claim priority for China, Japan and Korea; as well as the right to sue in its own name and recover damages for past infringement of any United States Letters Patent and foreign patent. including a reasonable royalty relating to provisional rights under 35 U.S.C. § 154(d) that have attached to any published United States patent application, on the inventions and designs:
- 2. Agree that the Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for the inventions and designs in its own name; and when requested, without charge to but at the expense of the Assignee, agree to carry out in good faith the intent and purpose of this Assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design applications on any and all the inventions and designs, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to the Assignee all facts known to me relating to the inventions and designs and the history thereof, and generally by doing everything reasonably possible which the Assignee shall consider desirable for aiding in securing and maintaining proper protection for the inventions and designs and all applications for patents and all patents on the inventions and designs, in the Assignee;
- Request the Director of the United States Patent and Trademark Office and foreign
 patent authorities to issue the Letters Patent or other intellectual property rights,
 including foreign patents, to the Assignee;
- 4. Authorize and request Wolf, Greenfield & Sacks, P.C. to supply any missing application identification information or correct any errors in the application identification information provided above, whether discovered prior to or after recordation;

Attorney Docket No. G0357.70005US01

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- 5. Covenant with the Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me; and
- 6. Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

This instrument is executed under seal and signed under the pains and penalties of perjury under the laws of the United States of America.

Attorney Docket No. G0357.70005US01

	Date	Signature
Date		Inventor: Jeffrey Smith
		Address: c/o Ottawa Hospital Research Institute
		501 Smyth Road, Box 411
		Ottawa, Ontario K1H 8L6
		CANADA
		Citizenship: Canada
Ne comment		
Witness:		
Name:	•	
Address:		
11001000		
Witness:		

	Date	Signature
Name:		
	Address:	

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Attorney Docket No. G0357.70005US01

<u>Feb 1⁵¹ 2019</u> Date	Signature Inventor: Andrew Macklin
	Address: 6/ 0 Ottowa Hospital Research Institute 50+ Smyth Road, Box 4+1 42 Grosvenor Drive, Ottowa-Ontario K1H-8t6 GANADA Citizenship: Canada K8P 4W4 Canada
Witness: Maria Marano Feb 15t 2019 Name: Maria Marano	Man Van
Address	397 Front Street West, Apt 2910 Tombo, Ontario M5V 351 Canada
Witness: F26 1 ⁷⁴ 2019 Date	Jalla Marlin
Name: Jillian Macklin Address:	42 Grosvenor Drive, Belleville, Ontorio K8P4WA Canada

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