

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4979670

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SWETHA RAMAN	04/04/2018
RECEIVING PARTY DATA	
Name:	THE HOSPITAL FOR SICK CHILDREN
Street Address:	555 UNIVERSITY AVENUE
City:	TORONTO
State/Country:	CANADA
Postal Code:	M5G 1XB
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15845614
CORRESPONDENCE DATA	
Fax Number:	(650)493-6811
<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>	
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ATTORNEY DOCKET NUMBER:	48885-704.201
NAME OF SUBMITTER:	HEATHER GLASSON
SIGNATURE:	/Heather Glasson/
DATE SIGNED:	05/25/2018
Total Attachments: 8	
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ASSIGNMENT

WHEREAS, **Swetha Raman** (**ASSIGNOR**) has invented one or more inventions described and/or claimed in US Patent Application No. 15/845,614, and PCT/IB2017/001677, both filed on December 18, 2017, and claiming priority at least to EP17382683.5 filed on October 13, 2017 (collectively "Patent Filings");

WHEREAS, **ASSIGNOR** has sold, assigned and transferred unto **The Hospital for Sick Children**, an institution having a usual place of business at 555 University Avenue, Toronto, Ontario, Canada (**ASSIGNEE**), **ASSIGNOR'S** right, title and interest in and to the Patent Filings by virtue of the **ASSIGNMENT** executed on December 15, 2017 (a copy of which is attached as Exhibit A) (**ASSIGNMENT**) and the IP policy and previous assignment referenced therein;

NOW THEREFORE, for good and valuable considerations stated in the **ASSIGNMENT** and the IP policy and previous assignment referenced therein, and for \$ 1USD, the receipt and sufficiency of which is hereby acknowledged, **ASSIGNOR** hereby confirms that **ASSIGNOR** has sold, assigned and transferred unto said **ASSIGNEE**, its successors, assigns, and legal representatives, all right, title, and interest in and to the inventions described and/or claimed in the Patent Filings and the Patent Filings themselves in accordance with the **ASSIGNMENT** and the IP policy and previous assignment referenced therein, , and, to the extent there are any remaining rights, title, and interest, by these presents does hereby sell, assign and transfer unto said **ASSIGNEE**, its successors, assigns, and legal representatives, all right, title, and interest in and throughout the United States of America, its territories and all countries foreign thereto, in and to the invention(s) described and/or claimed in the Patent Filing, together with **ASSIGNOR'S** entire right, title and interest in and to said Patent Filings and such Letters Patent as may issue thereon or claim priority under United States law or international convention, including but not limited to non-provisionals, continuations, divisionals, reissues, reexaminations, extensions, and substitutions of any of said Patent Filings or such Letters Patent; said invention(s), Patent Filings and Letters Patent to be held and enjoyed by said **ASSIGNEE** for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by **ASSIGNOR** had this assignment and sale not been made; to the extent not already conveyed, **ASSIGNOR** hereby conveys all of **ASSIGNOR'S** rights arising under or pursuant to any and all United States laws and international agreements, treaties or laws relating to the protection of industrial property by filing any applications claiming priority to said Patent Filings and such Letters Patent as may issue thereon under United States law or international convention, including but not limited to any cause(s) of action and damages accruing prior to this assignment. **ASSIGNOR** hereby acknowledges that this assignment, being of **ASSIGNOR'S** entire right, title and interest in and to said invention(s), carries with it the right in **ASSIGNEE** to apply for and obtain from competent authorities in all countries of the world any and all

Letters Patent by attorneys and agents of **ASSIGNEE'S** selection and the right to procure the grant of all Letters Patent to **ASSIGNEE** in its own names as assignee of **ASSIGNOR'S** entire right, title and interest therein;

AND, **ASSIGNOR** hereby further agrees for herself and her executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention(s) to said **ASSIGNEE**, its successors, assigns, and legal representatives, but at its or their expense and charges, including the execution of non-provisional, substitution, continuation, divisional, reissue, reexamination, or corresponding foreign or international patent applications;

AND, **ASSIGNOR** hereby further agrees to provide statements or testimony in any interference or other proceeding in which said invention(s) or any application or patent directed thereto may be involved;

AND, **ASSIGNOR** hereby authorizes and requests the Director of the United States Patent and Trademark Office to issue such Letters Patent as shall be granted upon said application, or applications based thereon, to said **ASSIGNEE**, its successors, assigns, or legal representatives.

IN TESTIMONY WHEREOF, **ASSIGNOR** and **ASSIGNEE** have hereunto set our hands-and affixed our seals on the date(s) set forth below.

SIGNED this _____ day of 4th April, 2018



Swetha Raman

Witness Signature:



ALEXANDRE BOSCH MARTINEZ

Name (please print):

Date

4th April 2018

Witness Signature:



JUNE FREÑO ORBEA

Name (please print):

Date

4th April, 2018

SIGNED this 5 day of April, 2018

RPp
Name
Title
On behalf of

Ramune Pleinys, Executive Director
Research Operations, Research Institute
The Hospital for Sick Children
555 University Avenue
Toronto, Ontario M5G 1X8

THE HOSPITAL FOR SICK CHILDREN

Witness Signature: E. Lee Kenney
EDWARD J. KENNEY
Name (please print):

5 APRIL 2018
Date

Witness Signature: N. Barai
Namrata Barai
Name (please print):

5th April 2018
Date

EXHIBIT A

CONFIRMATORY ASSIGNMENT

The present Confirmatory Assignment is executed by and among **Swetha Raman (ASSIGNOR)** and **The Hospital for Sick Children**, an institution having a usual place of business at 555 University Avenue, Toronto, Ontario, Canada (**ASSIGNEE**), and in order to confirm and properly document each party's interest in any and all inventions described and/or claimed in the patent filing listed on Exhibit A attached hereto (the "Patent Filing").

WHEREAS, Swetha Raman is an inventor of one or more of the inventions described and/or claimed in the Patent Filing and is an inventor in one or more of the Patent Filing;

WHEREAS, Swetha Raman is an employee of the ASSIGNEE and is subject to the ASSIGNEE's Intellectual Property Policy originally issued on January 10, 2001 and most recently approved on December 22, 2016 (the "IP POLICY");

WHEREAS, Swetha Raman has entered into a Worldwide Assignment of Invention Rights of the Patent Filing to the ASSIGNEE (the "PREVIOUS ASSIGNMENT");

NOW THEREFORE, for good and valuable considerations stated in the IP POLICY and for \$ 1USD, the receipt and sufficiency of which is hereby acknowledged, **ASSIGNOR** hereby confirms that **ASSIGNOR** has sold, assigned and transferred unto said **ASSIGNEE**, its successors, assigns, and legal representatives, all right, title, and interest in and to the inventions described and/or claimed in the Patent Filing and the Patent Filing itself in accordance with the IP POLICY and the PREVIOUS ASSIGNMENT, and, to the extent there are any remaining rights, title, and interest, by these presents does hereby sell, assign and transfer unto said **ASSIGNEE**, its successors, assigns, and legal representatives, all right, title, and interest in and throughout the United States of America, its territories and all countries foreign thereto, in and to the invention(s) described and/or claimed in the Patent Filing, together with **ASSIGNOR**'s entire right, title and interest in and to said Patent Filing and such Letters Patent as may issue thereon or claim priority under United States law or international convention, including but not limited to non-provisionals, continuations, divisionals, reissues, reexaminations, extensions, and substitutions of any of said Patent Filing or such Letters Patent; said invention(s), Patent Filing and Letters Patent to be held and enjoyed by said **ASSIGNEE** for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by **ASSIGNOR** had this assignment and sale not been made; to the extent not already conveyed, **ASSIGNOR** hereby conveys all of **ASSIGNOR**'s rights arising under or pursuant to any and all United States laws and international agreements, treaties or laws relating to the protection of industrial property by filing any applications claiming priority to said Patent Filing and such Letters Patent as may issue thereon under United States law or international convention, including but not

limited to any cause(s) of action and damages accruing prior to this assignment. ASSIGNOR hereby acknowledges that this assignment, being of ASSIGNOR's entire right, title and interest in and to said invention(s), carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE'S selection and the right to procure the grant of all Letters Patent to ASSIGNEE in its own names as assignee of ASSIGNOR's entire right, title and interest therein;

AND, ASSIGNOR hereby further agrees for himself and his executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention(s) to said ASSIGNEE, its successors, assigns, and legal representatives, but at its or their expense and charges, including the execution of non-provisional, substitution, continuation, divisional, reissue, reexamination, or corresponding foreign or international patent applications;

AND, ASSIGNOR hereby further agrees to provide statements or testimony in any interference or other proceeding in which said invention(s) or any application or patent directed thereto may be involved;


AND, ASSIGNOR hereby authorizes and requests the Director of the United States Patent and Trademark Office to issue such Letters Patent as shall be granted upon said application, or applications based thereon, to said ASSIGNEE, its successors, assigns, or legal representatives.

IN TESTIMONY WHEREOF, ASSIGNOR and ASSIGNEE have hereunto set our hands-and affixed our seals on the date(s) set forth below.

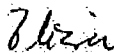
SIGNED this _____ day of 15th December, 2017



Swetha Raman

Witness Signature: 
Alexandre Bosch Martinez
Name (please print):

15th December, 2017
Date

Witness Signature: 
ELISA LAM
Name (please print):

Dec 15, 2017
Date

SIGNED this 17 day of Dec., 2017

Arlene Yee

Name ARLENE YEE

Title Director, Industry Partnerships

On behalf of Commercialization
THE HOSPITAL FOR SICK CHILDREN

Witness Signature:

[Signature]

Name (please print): Frances DiGirolamo

17-12-2017

Date

Witness Signature:

[Signature]

Name (please print): Phillip DeGirolanni

17-12-2017

Date

Exhibit A

The Patent Filing

EP Patent Application No. EP17382683.5, filed on October 13, 2017