

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2832084

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
FREDA MILLER	04/22/2014
DAVID KAPLAN	04/22/2014
KRISTEN SMITH	04/24/2014
SIBEL NASKA	04/22/2014
RECEIVING PARTY DATA	
Name:	THE HOSPITAL FOR SICK CHILDREN
Street Address:	555 UNIVERSITY AVENUE
City:	TORONTO
State/Country:	CANADA
Postal Code:	M5G 1X8
PROPERTY NUMBERS Total: 4	
Property Type	Number
Application Number:	13075647
Application Number:	61367780
Application Number:	61426160
PCT Number:	US1145416
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	50037-011001,010-1,-2,WO3
NAME OF SUBMITTER:	MICHAEL J. BELLIVEAU, PH.D.
SIGNATURE:	/Michael J. Belliveau, Ph.D./
DATE SIGNED:	04/25/2014

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Total Attachments: 4

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ATTORNEY DOCKET NO. 50037-010001
50037-010002
50037-011001
50037-010WO3

ASSIGNMENT

For valuable consideration, we,

Full Name of Assignor	City	State (and Country if not USA)
Freda Miller	Toronto	Ontario, Canada
David Kaplan	Toronto	Ontario, Canada
Kristen Smith	San Clemente	California
Maryline Paris	Paris	France
Sibel Naska	Toronto	Ontario, Canada

hereby assign to

Full Name of Assignee	State of Incorporation	Business Address
The Hospital for Sick Children	Canada	555 University Avenue Toronto, Ontario Canada M5G 1X8

and to 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 subject of one or more applications for United States Patent signed by us, identified as:

Title of Application	Filing Date	Serial Number
COMPOSITIONS FOR PROLIFERATION OF CELLS AND RELATED METHODS	July 26, 2010	61/367,780
COMPOSITIONS FOR PROLIFERATION OF CELLS AND RELATED METHODS	December 22, 2010	61/426,160
COMPOSITIONS FOR PROLIFERATION OF CELLS AND RELATED METHODS	March 30, 2011	13/075,647
COMPOSITIONS FOR PROLIFERATION OF CELLS AND RELATED METHODS	July 26, 2011	PCT/US2011/045416

and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment includes said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our names or in its own name for patents, utility models, design registrations, and like rights of exclusion, and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation, to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements, and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment. This assignment also includes the right to sue for past acts of infringement, whether based on any patents listed herein, patents issuing from applications listed herein, or provisional rights from any patent applications listed herein.

PATENT
REEL: 032769 FRAME: 0630

IN WITNESS WHEREOF, I hereto set my hand and seal at TORONTO, ONTARIO,
this 22 day of APRIL, 2014.
Freda Miller L.S.
FREDA MILLER

[Signature]
Witness #1

SMITHA PAUL
Printed Name

M. Zander
Witness #2

Mark Zander
Printed Name

IN WITNESS WHEREOF, I hereto set my hand and seal at Toronto, ONTARIO,
this 22 day of April, 2014.
David Kaplan L.S.
DAVID KAPLAN

[Signature]
Witness #1

SMITHA PAUL
Printed Name

M. Zander
Witness #2

Mark Zander
Printed Name

IN WITNESS WHEREOF, I hereto set my hand and seal at _____
this 24 day of APRIL, 2014

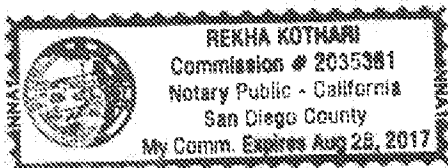
Kristen Smith L.S.

STATE OF CA

:SS.

COUNTY OF SAN DIEGO

On this 24th day of APRIL, 2014 before me, the undersigned notary public, personally appeared **Kristen Smith**, proved to me through satisfactory evidence of identification, which consisted of CA DR. LIC, to be the person whose name is subscribed to the foregoing Assignment, and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.



[Notary's Seal Here]

[Signature]

Notary Public

My Commission Expires: Aug, 28th, 2017

IN WITNESS WHEREOF, I hereto set my hand and seal at _____
this _____ day of _____, 20____.

MARYLINE PARIS L.S.

Witness #1

Printed Name

Witness #2

Printed Name

IN WITNESS WHEREOF, I hereto set my hand and seal at TORONTO, ONTARIO,
this 22 day of APRIL, 2014

Sibel Naska L.S.
SIBEL NASKA

[Signature]
Witness #1

SMITHA PAUL
Printed Name

[Signature]
Witness #2

Mark Zunder
Printed Name