PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOSÉE LAGANIÈRE	11/02/2020
NELLIE DUMONT	11/02/2020

RECEIVING PARTY DATA

Name:	HEMA-QUEBEC	
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17037091

CORRESPONDENCE DATA

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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.

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NAME OF SUBMITTER:	PAUL R. KITCH	
SIGNATURE:	/Paul R. Kitch/	
DATE SIGNED:	04/20/2021	

Total Attachments: 3

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> **PATENT** 506618893

REEL: 055975 FRAME: 0065



Blood Products
Stem Cells
Human Tissues

ASSIGNMENT OF INVENTION

FROM: JOSÉE LAGANIÈRE

1282, rue Roland-Desmeules

Québec (Québec) G1X 4Y3, Canada

AND: NELLIE DUMONT

6474, rue de Mercure

Québec (Québec) G3E 0A6, Canada

(hereinafter collectively referred to as "Assignor")

TO: HÉMA-QUÉBEC

4045, boul. de la Côte-Vertu

Montréal (Québec) H4R 2W7, Canada

(hereinafter referred to as "Assignee")

WHEREAS Assignor has invented METHODS FOR CULTURING AND/OR DIFFERENTIATING HEMATOPOIETIC STEM CELLS INTO PROGENITORS AND USES THEREOF (the "Invention") which is more fully described in Divisional Patent Application No 17/037,091 filed on September 29, 2020;

WHEREAS Assignor acknowledges having read Assignee's Intellectual Property Policy ("the Policy") and agrees to be bound by and to comply therewith;

WHEREAS, in accordance with the Policy, Assignee shall obtain all rights, titles and interest in and to the Invention, as well as any patents secured and/or pending in relation thereto, in any territory throughout the world;

NOW, THEREFORE, Assignor hereby acknowledges and declares that:

- 1. All rights, titles and interests in and to the Invention, including, but without limitation, inventions, ideas, concepts, plans, improvements, methods and processes, patentable or not, databases, reports, analyses, computer software, as well as any of the results obtained, developed, discovered or put into practice by Assignor alone or with others within the scope of his employment or related to the Invention (including texts, graphs, pictures and figures) protected or not by copyrights, trademarks, trade secrets and know-how and industrial design (hereafter the "Intellectual Property") and any related Intellectual Property rights are the exclusive property of Assignee;
- 2. Assignor hereby transfers, conveys and assigns to Assignee all its rights, titles and interests in and to the Invention as well as in and to the Intellectual Property including any and all related intellectual property rights relating thereto;
- 3. Furthermore, Assignor, on behalf of itself and its heirs, legal representatives, assigns, administrators, and executors agrees to execute any and all instruments and perform any other acts as may be reasonably necessary to give Assignee, its successors and assigns, the full benefit of this assignment, including assisting in the filing, prosecuting, enforcing or defending of all the patents and patent applications, property rights, trademarks, trade secrets or any other protection for the Intellectual

Property including the right by Assignee to bring an enforcement action or other proceeding in the name of Assignor, or join Assignor in any such action;

- 4. From time to time following the execution hereof, at Assignee's (and/or its representatives' or agents') request and at Assignee's expense but without any further sum being due to Assignor, Assignor shall assist and fully cooperate with Assignee, as Assignee may reasonably require, in connection with the defense or prosecution of any claim by or against any third party with respect to the ownership, validity, enforceability, infringement or other violation of or by the Invention and/or any related Intellectual Property. Furthermore, Assignor shall execute any and all additional documents or instruments and perform such further acts that may be reasonably deemed necessary or desirable by Assignee in order to vest, record, perfect, support and/or confirm the rights and ownership assigned herein to Assignee, including such other documents or instruments which may be deemed necessary to perfect the foregoing provisions, and likewise make these provisions binding upon each party's heirs, legal representatives, administrators and assigns.
- 5. Les soussignés désirent que la présente cession soit rédigée en Anglais. The undersigned request that this assignment be written in English.

IN WITNESS HEREOF, THE PARTIES HAVE SIGNED THIS ASSIGNMENT.

Witness

THE ASSIGNOR	THE ASSIGNEE
In Québec (Québec), on Morember 2020	In Québec (Québec), November 5th 2020
JOSÉE LAGANIERE	HÉMA-QUÉBEC Per: Marc Germain, M.D., FRCP(C), Ph.D. Title: Vice-President, Medical Affairs and Innovation
Witness	Witness
Name: 02-11-2020	Name: Irène Dion
THE ASSIGNOR	Date: November 5th 2020
In Québec (Québec), on Normber 2 nd 2020	

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Name: MADIE-EVE RHEAUINE

Date:

02/11/2020

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