PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
UNIVERSITE DE MONTREAL	10/09/2014

RECEIVING PARTY DATA

Name:	SOCPRA - SCIENCES ET GENIE, S.E.C.	
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16749597

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	2920951-191000_6-OF-6
NAME OF SUBMITTER:	HILARY FALLOW
SIGNATURE:	/Hilary Fallow/
DATE SIGNED:	01/22/2021

Total Attachments: 3

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PATENT 506464033 REEL: 055002 FRAME: 0042

ASSIGNMENT OF INVENTION

UNIVERSAL

WHEREAS, UNIVERSITÉ DE MONTRÉAL, whose full post office address is 2900 Édouard-Montpetit, Montréal, Québec, Canada H3T 1J4 (hereinafter referred to as the Assignor); is a co-owner of the entire right, title and interest in and to the invention described in PCT Application No. PCT/CA2011/050145, claiming priority on U.S. Patent Application No. 61/314,670, entitled **BACTERIAL VACCINE COMPONENTS AND USES THEREOF**, filed on March 17, 2010, and nationalized in Europe under No. 11755607.6; in the United States under No. 13/583,054; and in Canada under No. 2,792,956. I/We hereby authorize and request my/our patent agent to insert here in parentheses (Application number 14/513,987, filed 10/14/2014) the filing date (s) and application number(s) of any additional application covering the same invention when known; (U.S. Application no. 15/344,688 filed on 11/07/2016; U.S. Application no. 16/013,494 filed on 06/20/2018) and:

WHEREAS SOCPRA – Sciences et Génie, s.e.c., whose full post office address is 35, rue Radisson, Bureau 100, Sherbrooke, Québec, Canada J1L 1E2 (hereinafter referred to as the Assignee), is desirous of acquiring the Assignor's entire right, title and interest in and to said invention or inventions and in and to any and all patents to be obtained therefor;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other valuable consideration, the receipt of which is hereby acknowledged, said Assignor has and by these present does hereby sell, assign and transfer unto said Assignee, its successors and assigns, said Assignor's entire right, title and interest in and to said invention or inventions, as described in the aforesaid application, in any form or embodiment thereof, and in and to the aforesaid application; and in and to any applications based thereon filed in any foreign country, including the right to file said foreign applications under the provisions of the Patent Cooperation Treaty and under the Paris Convention; also said Assignor's entire right, title and interest in and to any and all patents, reissues or extensions thereof to be obtained in this or any foreign country upon said invention or inventions, and any divisional,

PATENT REEL: 055002 FRAME: 0043 continuation, continuation-in-part, substitute application(s) or supplementary disclosure(s) which may be filed upon said invention or inventions, in any country; and said Assignor hereby authorizes and requests the issuing authority to issue any and all patents on said

application or applications to said Assignee.

Said Assignor further agrees without any payment by said Assignee other than expenses incurred by the undersigned, to communicate to said Assignee, its representatives or agents, any facts useful as evidence for interference purposes or for other proceedings relating to intellectual property encompassing the invention, whenever requested; testify in any interference, litigation or other proceedings, whenever requested; and execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective, and likewise make these provisions binding upon its heirs, legal

representatives, administrators and assigns.

Les soussignés désirent que la présente cession soit en anglais. The undersigned request that the present assignment be in English.

IN WITNESS WHEREOF, I/We have hereunto set my/our hand(s) and seal.

WITNESS(ES)

. .

DATE

MM/DD/YYYY

ASSIGNOR(S)

Signature of authorized representative of

Université de Montréal

Lessianie Connelle

Name of Witness

Gilles Noël

Name of authorized representative of

Université de Montréal

Director - Special Projects and

Technology Transfer

Title of authorized representative of

Université de Montréal

WITNESS(ES)

DATE

ASSIGNEE(S)

Signature of Witness

10103/2014 MM/DD/YYYY

Signature of authorized representative of SOCPRA - Sciences et Génie,

s.e.c.

SORA VA MAHI SUT Name of Witness

Luc Paquet

Name of authorized representative of SOCPRA - Sciences et Génie, s.e.c.

President and Chief Executive Officer Title of authorized representative of SOCPRA - Sciences et Génie, s.e.c.

The Assignment is executed nunc pro tunc as of July 18, 2014