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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DARREN H. FREED	11/02/2015
PAUL MUNDT	11/03/2015
AYYAZ ALI	11/25/2015
STEPHEN LARGE	11/11/2015
SIMON COLAH	11/28/2015

RECEIVING PARTY DATA

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State/Country:	CANADA
Postal Code:	R3T 5V4

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17484401

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	21513CON 1/3
NAME OF SUBMITTER:	WENDY M. SLADE
SIGNATURE:	/Wendy M. Slade/
DATE SIGNED:	09/27/2021

Total Attachments: 6

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V84622WO

ASSIGNMENT

WHEREAS, I/WE:

Darren H. FREED, whose full post office address is St. Boniface Hospital, Winnipeg,

Manitoba R2H 2A6, CANADA;

Paul MUNDT, whose full post office address is St. Boniface Hospital, Winnipeg,

Manitoba R2H 2A6, CANADA;

Ayyaz ALI, whose full post office address is Papworth Hospital, Cambridge CB23 3RE;

UNITED KINGDOM;

Stephen LARGE, whose full post office address is Papworth Hospital, Cambridge CB23

3RE; UNITED KINGDOM; and

Simon COLAH, whose full post office address is Papworth Hospital, Cambridge CB23

3RE; UNITED KINGDOM

has invented an invention entitled: APPARATUS FOR TESTING, ASSESSMENT, AND

MAINTENANCE OF HARVESTED HEARTS FOR TRANSPLANTING ("Invention""), for which

an application for Letters Patent has been made under International Patent Application No.

PCT/CA2013/000031 filed January 17, 2013 (Gowling Lafleur Henderson LLP Reference No.

V84622WO);

WHEREAS, UNIVERSITY OF MANITOBA (hereinafter referred to as "ASSIGNEE")

having a place of business at Technology Transfer Office, 631 Drake Centre, 181 Freedman

Crescent, Winnipeg, Manitoba R3T 5V4, CANADA, is desirous of acquiring and having

assigned to it the full right, title and interest in and to the Invention and in and to any Letters

Patent that may be granted therefor in any and all countries and jurisdictions; and

WHEREAS I/WE have agreed to make such assignment:

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NOW, THEREFORE, in consideration of the foregoing premises, and of the sum of one dollar (\$1.00) and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/WE, hereby sell, assign and transfer absolutely to the ASSIGNEE the full and exclusive right, title and interest in and to: (a) the Invention worldwide; (b) any and all patent applications for the Invention in all countries and jurisdictions and under all conventions and treaties, including the right to claim for any and all applications any priority rights to which such applications are entitled under conventions, treaties or otherwise, and all divisions, extensions, continuations, continuations-in-part, provisionals, non-provisionals, substitutions and renewals thereof; (c) all Letters Patent which may be granted therefor in any and all countries and jurisdictions, and any renewals, reissues, re-examinations or extensions of the Letters Patent, and (d) the exclusive right to bring or participate in any proceeding for past infringement or any other actionable right under all of the foregoing and to receive all remedies that arise therefrom, to the end of the term for which the Letters Patent may be granted, as fully and entirely as the same would have been held by us had this Assignment not been made.

I/WE hereby authorize and request the patent offices in all countries and jurisdictions to issue any and all of the Leiters Patent, when granted, to the ASSIGNEE.

Further, I/WE agree that I/WE will communicate to the ASSIGNEE or its representatives any facts known to us respecting the Invention, and testify in any legal proceeding, sign all lawful papers, execute all papers relating to all patent applications including all divisionals, continuations, continuations-in-part, extensions, renewals, provisionals, non-provisionals or substitutes thereof, and the Letters Patent including any renewal, re-examination, extension and reissue thereof, execute all necessary assignment papers to cause any and all of the Letters Patent to be issued to the ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid the ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for the Invention in any and all countries and jurisdictions.

The undersigned hereby authorizes the firm of Gowling Lafleur Henderson LLP to correct errors in this assignment or to insert any further identification or other information necessary or desirable to make this Assignment suitable for recordal in any country.

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Witness:		Inventor:			a.
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Print Name:	Darren H. FREED	
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Print Name: Laurie Murt	Paul MUNDT	

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Print Name: 144	WINDA PAGE	Stephen LAR()E

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PATENT REEL: 057605 FRAME: 0203

RECORDED: 09/27/2021