# 506217110 08/24/2020

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6263853

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
JOHN F. DIPERSIO	05/05/2020

## **RECEIVING PARTY DATA**

Name:	WASHINGTON UNIVERSITY
Street Address:	ONE BROOKINGS DRIVE
City:	ST. LOUIS
State/Country:	MISSOURI
Postal Code:	63130

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16619883

#### **CORRESPONDENCE DATA**

#### Fax Number:

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.

**Email:** timothy.storniolo@quarles.com, patents@quarles.com

Correspondent Name: QUARLES & BRADY LLP Address Line 1: 33 EAST MAIN STREET

Address Line 2: SUITE 900

Address Line 4: MADISON, WISCONSIN 53703

ATTORNEY DOCKET NUMBER:	650053.00657.MCW C1948
NAME OF SUBMITTER:	TIMOTHY STORNIOLO
SIGNATURE:	/Timothy Storniolo/
DATE SIGNED:	08/24/2020

#### **Total Attachments: 3**

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PATENT 506217110 REEL: 053573 FRAME: 0333

#### **ASSIGNMENT AGREEMENT**

ASSIGNORS: John F. DiPersio

WHEREAS, the aforementioned individuals (the "ASSIGNORS") have invented certain new and useful apparatus, methods, compositions, inventions, discoveries and/or improvements disclosed in PCT Application Serial No. PCT/US2018/036292, filed 06/06/2018 and United States Patent Application 16/619,883, filed 12/05/2019 and European Patent Application 18828701.5, filed 12/20/2019 entitled "Novel In Vitro And In Vivo Enrichment Strategy Targeting Lymphocytes Derived From Vector Transduced HSCS For Therapy Of Disorders";

AND WHEREAS, Washington University, having an address located at One Brookings Drive, St. Louis, Missouri 63130 (hereinafter the "Assignee"), is desirous of acquiring the entire right, title and interest in and to said application(s) and the apparatus, inventions, discoveries, methods, compositions, and improvements therein disclosed:

NOW THEREFORE, for good and valuable consideration, including without limitation ASSIGNOR's rights to receive a portion of licensing income received by Washington University pursuant to its intellectual property policy, the receipt and sufficiency of which are hereby acknowledged, the parties agree as follows:

ASSIGNORS do hereby assign, sell, transfer, and set over unto said Assignee the entire right, title, and interest in and to said application(s) and the apparatus, methods, compositions, inventions, discoveries and improvements therein disclosed for the United States of America and its territories and all foreign countries and any Letters Patent which may issue therefor in the United States and its territories and all foreign countries and all divisions, reissues, continuations, continuations-in-part, renewals, and/or extensions thereof, including the right to apply for Letters Patents in each foreign country and the United States of America and its territories, in its own name and to claim any and all priority rights under the International Convention, other conventions, treaties, or otherwise associated therewith for each country and the United States of America and its territories, said Assignee to have and to hold the interests herein assigned to the full ends of the terms of said Letters Patent and any and all divisions, reissues, continuations, continuations-in-part, renewals, and/or extensions thereof, respectively, as fully and entirely as the same would have been held and enjoyed by us had this Assignment not been made.

The United States Patent and Trademark Office and the European Patent Office is requested to issue such Letters Patent in accordance herewith. We covenant that we are the lawful owners of the said application(s), apparatus, methods, compositions, inventions, discoveries and improvements, that the same are unencumbered, that no license has been granted to make, use, or sell the said apparatus, methods, compositions, inventions, discoveries or improvements, and that we have the full right to make this Assignment.

Perfected Assignment v. 01-19-17

PATENT REEL: 053573 FRAME: 0334 And for said consideration, we agree individually that we will communicate to said Assignee or the representatives thereof any facts known to me respecting said apparatus, methods, compositions, inventions, discoveries and improvements, and will, upon request, but without expense to me, testify in any legal proceedings, sign all lawful papers, execute all divisional, reissue, continuation, continuation-in-part, renewal, and/or extension applications, make all rightful oaths, and generally do all other and further lawful acts, deemed necessary or expedient by said Assignee or by counsel for said Assignee, to assist or enable said Assignee to obtain and enforce full benefits from the rights and interests herein assigned.

And for said consideration, the undersigned hereby agrees to execute, at the request of said Assignee, all documents in connection with any application for foreign letters patent therefor.

Assignors hereby grant to Assignee and its agents and attorneys the power and right to insert herein the title, serial number and filing date of the application, the OTM case number and title of the application after this Assignment is executed by the Assignors.

This Assignment shall be binding upon our heirs, executors, administrators, and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors, and/or assigns, as the case may be, of said Assignee.

Date: <u>May 5, 2020</u>	John F. DiPersio	
	6372 Forsyth Blvd	
	Residential Street Address	*
	St. Louis, MO 63105	
	Residential City, State, ZIP Code	
Accepted on behalf of th	ne Assignee: Washington University	
Nichole R. Mercier Assistant Vice Chancellor Office of Technology Man Washington University	and Managing Director	Date

Perfected Assignment v. 01-19-17

WashU 017872/WO-US WashU 017872/WO-EP

And for said consideration, we agree individually that we will communicate to said Assignee or the representatives thereof any facts known to me respecting said apparatus, methods, compositions, inventions, discoveries and improvements, and will, upon request, but without expense to me, testify in any legal proceedings, sign all lawful papers, execute all divisional, reissue, continuation, continuation-in-part, renewal, and/or extension applications, make all rightful oaths, and generally do all other and further lawful acts, deemed necessary or expedient by said Assignee or by counsel for said Assignee, to assist or enable said Assignee to obtain and enforce full benefits from the rights and interests herein assigned.

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Date:		
<del></del>	John F. DiPersio	
	Residential Street Address	
	Decidential Oity, Otata, 7ID Code	
	Residential City, State, ZIP Code	
Accepted on behalf of the As	ssignee: Washington University	
Melide R. Mercier		8/20/2020
Nichole R. Mercier		Date
Assistant Vice Chancellor and	• •	
Office of Technology Managem	nent	
Washington University		

Perfected Assignment v. 01-19-17

PATENT REEL: 053573 FRAME: 0336

RECORDED: 08/24/2020