505146210 10/17/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT

EPAS ID: PAT5192976

CONVEYING PARTY DATA

NATURE OF CONVEYANCE:

Name	Execution Date
RICHARD MAZIARZ	09/18/2018
MAGDALENA KOVACSOVICS	09/19/2018
PHILIP STREETER	09/18/2018

ASSIGNMENT

RECEIVING PARTY DATA

Name:	OREGON HEALTH & SCIENCE UNIVERSITY
Street Address:	0690 SW BANCROFT ST.
Internal Address:	MAIL CODE L106TT
City:	PORTLAND
State/Country:	OREGON
Postal Code:	97239

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15970385

CORRESPONDENCE DATA

Fax Number: (703)243-6410

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.

Phone: 703-243-6333

Email: MAIL@MWZB.COM

Correspondent Name: MILLEN, WHITE, ZELANO & BRANIGAN, P.C.

Address Line 1: 2200 CLARENDON BLVD, SUITE 1400

Address Line 2: SANDRA MELEAN

Address Line 4: ARLINGTON, VIRGINIA 22201

ATTORNEY DOCKET NUMBER:	ATHS-0019-P01-C01
NAME OF SUBMITTER:	SANDRA MELEAN
SIGNATURE:	/Sandra Melean/
DATE SIGNED:	10/17/2018

Total Attachments: 3

source=ASSIGNMENTS_OHSU#page1.tif source=ASSIGNMENTS_OHSU#page2.tif

PATENT 505146210 REEL: 047787 FRAME: 0031

 $source = ASSIGNMENTS_OHSU\#page 3.t if$

PATENT REEL: 047787 FRAME: 0032

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Title of IM Invention	IMUNOMODULATOKY PX	operties of M	arus anu	OSES I HEREV	ŗ
As the below named it	nventor, I hereby declare that:			.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
This declaration	The attached application,	OF.			
is directed to:	United States Application			number <u> 3/970,38</u>	filed on <u>05/03/2018</u>
The above-identified a	application was made or authoriz	eed to be made by me	4 :		
I believe that I am the	original inventor or an original	ioint inventor of a cla	imed invention	on in the application	ië
all patent(s) listed abo	Oregon Health & Science U 0690 SW Bancroft St. Mail Code L106TT Portland, Oregon 97239 as the ASSIGNEE, is desirous ove, including any and all earlier renewals, reissues, reexamination	of acquiring the entire	and foreign).		
ASSIGNOR hereby as right, title and interest and all Letters Patent thereof, and in and to to accrue with respect invention, SAID ASSI including any and all which may be granted right to sue for damag arising from or appearance with the same, in as a enjoyed the same, if the AND ASSIGNATION of the same, if the same is the same in the same i	NESSETH that for good and valuesigns, sells, and transfers to AS: in and to said invention and pate which may be granted therefor, any and all U.S. (including provite the filing or securing of pater IGNEE, its assigns and legal repearlier priority rights (U.S. and if therefor, including any and all ries occurring before the assignment in the assignment had not been made assignment had not been made. GNOR hereby agrees to execute	SIGNEE, its assigns a ent(s), including any neluding any and all isional) or foreign pri its in the United State resentatives to have, oreign), divisions and enewals, reissues, rou ent, with all the rights term or terms of any cof, for the use and by all intents and purpo s.	and legal repr and all divisi- renewals, seli- ierity and/or or read/or any- hold, exercise continuations examinations apowers, pri- y and all such senefit of ASS sees as the ASS	resentatives, the enti- ons and continuation scues, reexamination convention rights or countries foreign the stand enjoy said invi- s thereof, any and a and extensions ther vileges and advanta Letters Patent, included SIGNEE and its assi- ISIGNOR might or	re and exclusive as thereof, and any as and extensions benefits accruing or ereto concerning said ention and patent, il Letters Patent eof, including the gas in anywise uding any and all gas and legal could have held and
and foreign countries (execute any other paper	for said invention and to assign t ers that may be needed in connec	he same to said ASSI stion with securing L	IGNEE, its as etters Patents	signs and legal repr thereon.	esentatives and to
AND ASSIC any and all divisions a	GNOR authorizes and requests the continuations thereof, to ASS	ne Commissioner of I NGNEE, its assigns a	atents and Ti and legal repr	rademarks to issue a coentatives, in accor	Letters Patent on dance herewith.
The undersignment information properly record this do	gned hereby grant(s) the law firm m which may be necessary or de soument.	n of Millen, White, Z sirable in order for th	elano & Bren c United Stat	igan, P.C. the powe es Patent and Trade	r to insert on this mark Office to
	IN TESTIMONY WHERE	OF this assignment i	s executed by	ASSIGNOR	
I hereby ack fine or imprisonment of	nowledge that any willful false s of not more than five (5) years, o	tatement made in thi r both.	s declaration	is punishable under	18 U.S.C. 1001 by
LEGAL NAME OF IN	VENTOR				
Inventor: Riche	nd MAZIÁRZ		Date: 3	7118118	
Signature:	Machael Thom	> Ma		····/ /47.60	
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			<i></i>		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,

MILLEN, WHITE, ZELANO & BRANIGAN, P.C.

ATTORNEYS AT LAW ARLINGTON COURTHOUSE PLAZA 2200 Clarendon Boulevard | Suite 1400 | Arlington VA 22201 Telephone: 703.243.6333 | Fax: 703.243.6410

EMAIL: MAIL@MWZB.COM

Effective, September 14, 2012

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Title of Invention	IMMUNOMODULATORY PROPERTIES OF MAPCS AND USES THEREOF
As the below nan	sed inventor, I hereby declare that:
This declaration	The attached application, or
is directed to:	United States Application or PCT International Application number 15/979.385 filed on 05/03/2018
The above-identit	fied application was made or authorized to be made by me.
I believe that I an	o the original inventor or an original joint inventor of a claimed invention in the application.
all patent(s) listed including any and	Oregon Health & Science University 0690 SW Bancroft St. Mail Code L106TT Portland, Oregon 57239 and to as the ASSICTNEE, is destrous of acquiring the entire right, title, and interest in and to said invention and I above, including any and all earlier priority rights (U.S. and foreign), divisions and continuations thereof, I all renewals, reissues, reexaminations and extensions thereof. WITNESSETH that for good and valuable consideration, the receipt whereof is hereby acknowledged,
ASSIGNOR here right, title and int and all Letters Pa thereof, and in an to accrue with res invention, SAID including any and which may be greeight to sue for data rising from or agreewals, reissue representatives, in	by assigns, sells, and transfers to ASSIGNEE, its assigns and legal representatives, the entire and exclusive erest in and to said invention and patent(s), including any and all divisions and continuations thereof, and any tent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions d to any and all U.S. (including provisional) or fereign priority and/or convention rights or benefits accraing or spect to the filing or securing of patents in the United States and/or any countries foreign thereto concerning said ASSIGNEE, its assigns and legal representatives to have, hold, exercise, and enjoy said invention and patent, I all earlier priority rights (U.S. and foreign), divisions and continuations thereof, any and all Letters Patent mited therefor, including any and all renewals, reissues, reexaminations and extensions thereof, including the images occurring before the assignment, with all the rights, powers, privileges and advantages in anywise opertaining thereto, for and during the term or terms of any and all such Letters Patent, including any and all as ample and beneficial a manner to all intents and purposes as the ASSIGNOR might or could have held and if the assignment had not been made.
and foreign count	SSIGNOR, hereby agrees to execute all papers that may be necessary to file applications in the United States ries for said invention and to essign the same to said ASSIGNEE, its assigns and logal representatives and to papers that may be needed in connection with securing Letters Patents thereon.
	SSIGNOR authorizes and requests the Commissioner of Patents and Trademarks to issue a Letters Patent on one and continuations thereof, to ASSIGNEE, its assigns and legal representatives, in accordance herewith.
	lersigned hereby grant(s) the law firm of Millen, White, Zelano & Branigan, P.C. the power to insert on this nation which may be necessary or desirable in order for the United States Patent and Trademark Office to its document.
	IN TESTIMONY WHEREOF this assignment is executed by ASSIGNOR
	y acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by tent of not more than five (5) years, or both.
LEGAL NAME (DF INVENTOR Magdalena KOVACSOVICS Date: 09/19/2018
Signature:	vanaelalana Kovaraovira
A. Sand	

Millen, White, Zelano & Branigan, P.C.
Attorneys at Law
Arlington Couethouse Plaza
2200 Clabendon Boulevard | Suite 1400 | Arlington V A 22201
Telephone: 703.243.6333 | Fax: 703.243.6410
Email: mail@mwzb.com

Bifoctive, September 16, 2012

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

invention	IMMUNOMODULATORY PROPERTIES OF MAPCS AND USES THEREOF
As the below nan	ed inventor, I hereby declars that:
This declaration	The stached application, or
is directed to:	United States Application of PCT International Application number 15-970,385 filed on 05/03/2018
The above-identif	led application was made or authorized to be made by me.
I believe that I an	the original inventor or an original joint inventor of a claimed invention in the application.
AND WHEREAS	
an patent(s) tisted	Oregon Health & Seience University 0690 SW Bancroff St. Meil Code L.106TT Portland, Oregon 97239 d to as the ASSIGNEE, is desirous of acquiring the entire right, title, and interest in and to said invention and above, including any and all carlier priority rights (U.S. and foreign), divisions and continuations thereof, all renowals, reissues, reexaminations and extensions thereof
ASSISTION hereinght, title and into and all Letters Par thereof, and in an to scenic weith rese invention, SAID / metading any and which may be granght to sue for dasrising from or apronowals, reissues representatives, in enjoyed the same,	WITHESETH that for good and valuable consideration, the receipt whereof is hereby acknowledged, by assigns, sells, and transfers to ASSIGNEE, its assigns and legal representatives, the entire and exclusive prest in and to said invention and patent(s), including any and all divisions and continuations thereof, and any cent which may be granted therefor, including any and all renewals, reissues, reexeminations and extensions if to any and all U.S. (including previational) or foreign priority and/or convention rights or benefits sceroing or pect to the filing or securing of patents in the United States and/or any countries foreign thereto concerning said VSSIGNEE, its assigns and legal representatives to have, build, exercise, and shipsy said invention and patent, all serties priority rights (U.S. and foreign), divisions and continuations thereof, any and all Letters Patent need therefor, including any and all renewals, releases, researchations and extensions thereof, including the mages occurring before the assignment, with all the rights, potents, privileges and advantages in anywise pertaining thereto, for and during the term or terms of any and all such Letters Patent, including any and all , reexaminations and extensions thereof, for the use and henefit of ASSIGNEE and its assigns and legal as ample and beneficial a manner to all intents and purposes as the ASSIGNOR might or could have held and if the assignment had not been made.
and foreign counti	SSIGNOR hereby agrees to execute all papers that may be necessary to file applications in the United States ies for said invention and to assign the same to said ASSIGNEE, its assigns and legal representatives and to papers that may be needed in connection with securing Latters Paterts thereon.
AND A. any and all divisio	SSIGNOR authorizes and requests the Commissioner of Patents and Trademarks to issue a Letters Patent on one and continuations thereof, to ASSIGNEE, its assigns and legal representatives, in accordance herewith.
The und assignment inform properly record th	ersigned hereby grant(s) the law firm of Millen, White, Zelano & Branigan, P.C. the power to insert on this lation which may be necessary or desirable in order for the United States Patent and Trademark Office to is document.
	IN TESTIMONY WHEREOF this assignment is executed by ASSIGNOR
I hereby fine or imprisonm	asknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by and of not more than five (5) years, or both.
LEGAL NAME C	FINVERTOR bilip STREETER Desc. / 1/2 2007 S2
Signature Z	To Upinal C. F. Harding

Miller, White, Zelano & Brangan, P.C. Atturneys at Law Arlington Colfithouse Plaza 2300 Chapsnoon Boulevaro | Suite 1400 | Arlington Va 22201 Telephone: 703-243.6333 | Fax: 708-243.6410 Email: mail@mwzb.com

ERective, September 16, 2012.

PATENT REEL: 047787 FRAME: 0035

RECORDED: 10/17/2018