505034152 08/02/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT		
CONVEYING PARTY D	ΑΤΑ				
		Name		Execution Date	
PATRICK BAEUERLE					
GREGORY SIECZKIEV	VICZ			03/02/2017	
ROBERT HOFMEISTE	R			02/24/2017	
RECEIVING PARTY D	ATA				
Name:	TCR2 TH	HERAPEUTICS INC.			
Street Address:	450 KEN	IDALL STREET			
City:	CAMBRI	DGE			
State/Country:	MASSAC	CHUSETTS			
Postal Code:	02142				
Property Type		Number			
Application Number: Application Number:		5965739 5965738			
Application Number.					
CORRESPONDENCE	DATA				
		650)493-6811			
Fax Number:	(JJU/+JJ-UUTT			
Correspondence will I	be sent to	the e-mail address first; if that			
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Correspondence will I	be sent to t provided; (6	t he e-mail address first; if tha if that is unsuccessful, it will 650) 493-9300	be sent via L	IS Mail.	
<i>Correspondence will I using a fax number, if</i> Phone:	be sent to t f provided; (6 jh	the e-mail address first; if that if that is unsuccessful, it will	<i>be sent via L</i> ocket@wsgr.c	IS Mail.	
<i>Correspondence will I using a fax number, if</i> Phone: Email:	be sent to a provided; (6 jh : W	t he e-mail address first; if that if that is unsuccessful, it will 650) 493-9300 huddleston@wsgr.com, patentdo	<i>be sent via L</i> ocket@wsgr.c	IS Mail.	
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Correspondence will I using a fax number, if Phone: Email: Correspondent Name: Address Line 1:	be sent to a provided; (6 jh : % 6 P	the e-mail address first; if that if that is unsuccessful, it will 650) 493-9300 huddleston@wsgr.com, patentdo VILSON SONSINI GOODRICH & 50 PAGE MILL ROAD ALO ALTO, CALIFORNIA 9430 48538-701.302, -701.303	<i>be sent via L</i> ocket@wsgr.c & ROSATI 4	IS Mail.	
Correspondence will I using a fax number, if Phone: Email: Correspondent Name: Address Line 1: Address Line 4: ATTORNEY DOCKET N NAME OF SUBMITTER	be sent to a provided; (6 jh : % 6 P	the e-mail address first; if that if that is unsuccessful, it will 550) 493-9300 nuddleston@wsgr.com, patentdo VILSON SONSINI GOODRICH & 50 PAGE MILL ROAD ALO ALTO, CALIFORNIA 9430 48538-701.302, -701.303 JENNIFFER HUDDLESTC	<i>be sent via L</i> ocket@wsgr.c & ROSATI 4	IS Mail.	
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Correspondence will I using a fax number, if Phone: Email: Correspondent Name: Address Line 1: Address Line 4: ATTORNEY DOCKET N NAME OF SUBMITTER: SIGNATURE: DATE SIGNED: Total Attachments: 6	be sent to a provided; (6 jh 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	the e-mail address first; if that if that is unsuccessful, it will (50) 493-9300 nuddleston@wsgr.com, patentdo VILSON SONSINI GOODRICH a 50 PAGE MILL ROAD ALO ALTO, CALIFORNIA 9430 48538-701.302, -701.303 JENNIFFER HUDDLESTC /Jenniffer C. Huddleston/ 08/02/2018	<i>be sent via L</i> ocket@wsgr.c & ROSATI 4	IS Mail.	

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PATENT ASSIGNMENT		Docket Number 48538-708.301		
WHEREAS, the undersigned:				
 Patrick BAEUERLE 450 Kendall Street Cambridge, Massachusetts 02142 	 Gregory SIBCZKIEWICZ 450 Kendall Street Cambridge, Massachusetts 02142 	 Robert HOFMEISTER 4 Jason's Lane Scituate, Massachusetts 02066 		
(hereinafter "Inventor(s)"), have invented certain ne	w and useful improvements in			
COMPOSITIONS AND M	IETHODS FOR TCR REPROGRAMMIN	G USING FUSION PROTEINS		
for which a United States patent application is filed on even date herewith; for which application serial number <u>15/419,398</u> was filed on <u>January 30, 2017</u> in the United States Patent and Trademark Office; for which a PCT application serial number was filed on in the [] Receiving Office of the Patent Cooperation Treaty; for which application serial number was filed on in the [_] Receiving Office; for which application serial number was filed on in the Patent Office; for which application was filed upon which a United States Patent issued on, as U.S. Patent No; or for which a PCT application will be filed on or before [] in the [] Receiving Office of the Patent Cooperation Treaty which will claim priority to [].				
(hereinafter, "Application(s)"). The term "Application application(s).	n(s)" also includes all patent applications that	t share or claim priority to or from the above		
<u>02132</u> , (nerematter "Assignee"), is desirous of acqui therein, and in and to all embodiments of the inventi-	iring the entire right, title and interest in and to one, heretofore conceived, made or discovered and in and to any and all patents, inventor's conternational convention, agreement, protocol.	d, whether jointly or severally, by said Inventor(s) entificates and other forms of protection thereon granted or treaty, including these filed under the Paris		
NOW, THEREFORE, in consideration of said Assignce:	good and valuable consideration acknowledge	ed by said Inventor(s) to have been received in full from		
1. Said Inventor(s) do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said Inventions; (b) in and to said Applications, including the right to claim priority to and from said Application(s); (c) in and to each and every application that is a divisional, substitution, continuation, or continuation-in-part of any of said Application(s); (d) in and to said Patent(s) and each and every patent issuing or reissuing from any of the foregoing; (e) in and to each and every reissue, reexamination, renewal or extension of any kind of any of the foregoing; (f) in and to each and every patent and application filed outside the United States and corresponding to any of the foregoing; and(g) in and to all claims for past, present and future infringement of the Patent(s), including all rights to sue for and to receive and recover for Assignee's own use all past, present, and future lost profits, royalties, and damages of whatever nature recoverable from an infringement of the Patent(s).				
2. Said Inventor(s) hereby covenant and agree to cooperate with said Assignce to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty. Such cooperation by said Inventor(s) shall include prompt production of pertinent facts and documents, giving of testimony, execution of pertinent, assignee to enjoy to the fullest extent the cooperation by said Inventor(s) shall include prompt production of pertinent facts and documents, giving of testimony, execution of pertinent, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed, (b) for prosecuting any applications covering said Inventions; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said Inventions; (d) for filing and prosecuting applications for reissuance of any said Patent(s); (e) for interference or other priority proceedings involving said Inventions; and (f) for legal proceedings involving said Inventions and any applications therefor and any Patent(s) granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that reasonable expenses incurred by said Inventor(s) in providing such cooperation shall be paid for by said Assignee.				
3. The terms and covenants of this representatives, and shall be binding upon said Invent	assignment shall inure to the benefit of said A or(s), their respective heirs, legal representati	Assignee, its successors, assigns and other legal ves and assigns.		
 Said Inventor(s) hereby warrant, contract, or understanding in conflict herewith. 	represent and covenant that said inventor(s)	have not entered and will not enter into any assignment,		
 Said Inventor(s) hereby request i agreement, protocol, or treaty, be issued in the name or representatives and assigns. 	hat any Patent(s) issuing in the United States, of the Assignce, or its successors and assigns,	, foreign countries, or under any international convention, for the sole use of said Assigner, its successors, legal		
law principles. If any provision of this instrument is t	found to be illegal or unenforceable, the other	of the State of California, without regard to conflict of provisions shall remain effective and enforceable to the s deemed an original, but all of which together constitute		
		: :		

PATENT REEL: 046543 FRAME: 0747

PATENT ASSIGNMENT Docket Number 48538-708.301 IN WITNESS WHEREOP, said Inventor(s) have executed and delivered this instrument to said Assignce as of the dates written below: <u>>_</u>ۯØ Date Patrick BAEUERLE A notary sublic or other officer completing this certificate vertiles only the identity of the individual who signed the document to which this metrificase is attached, and not the trashfidness, accuracy, or validity of that document. size of Marsie Chrysett & Orany of Mirselle S.C.X. <u>2-21-17</u> Brenda <u>ucian O</u> Notory Public nd Tale of the Officer Date personally appeared Farnet BAHUERLE Norm(s) of Signer(s) who pointed to me on the basis of satisfactory, evidence to be the person(s) whose same(s) islane subscribed to the withis instrument and acknowledged to me that be backbey executed the same in his build minimum (approximation), and that by backbertheir signature(s) on the instrument the person(s), or the easily upon backel of which the person(s) acted, excurned the insminent. FROMINY under PENALTY OF PERHURY under the laws of the of California that the Inregoing paragraph is true and correct. **BRENDA LUCIANO** NESS my band and official seal Notary Public INMONWEALTH OF MASSACHUSETTS muda NUALAUC My Commission Expires Sectember 19, 2019 Place Notary Scol Mossie Bate: 5-2-17 Greefor (SUDDER THE WYCZ A notary public on other officer completing this centificate verifies only the identity of the individual who signed the document to which this centificate is stacked, and not the institutions. scenesey, or validity of this document. State of Maxissibility County of Marissibility Brenda 3-2-1 Luciano Οn belime me. Date personally appeared Gregory SIECZKIEWICZ Name(s) of Signer(s) who proved to me on the basis of satisfactory evaluate to be the personny where names is index softicitized to the within instrument and acknowledged to me that betweenter the now in historilian automized executivies), and that by incluminer signature(s) on the instrument the permaty), in the entity upon behalf of which the permaty) extended the instrument. I certify matter PENALTY OF PERFORM matter the laws of the State of California that the foregoing paragraph is true and covers. WITNESS my hand and official seal. **BRENDA LUCIANO** nelaið Notary Public i 11. Aa ONWEALTH OF MASSACHUSETTS Signature My Commission Expires September 19, 2019 Place Notary Sect Also. Date: **Robert HOFMEISTER** A many public or suber officer completing this certificate verificate only the identity of the individual whe signed the document to which this certificate is attached, and set the individues securities, or subside of the document. Siste of Massachuseus County of Massy Politic. On . Date kiere Insert Name and Title of the Officer

Page 2 of 3

PATENT ASSIGNMENT	Docket Number 48538-708.301
personally appeared Robert HOFMEISTER	
Name(x) of Signer(s)	
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the a same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s instrument.	within instrument and acknowledged to me that he/she/thny executed the), or the entity upon behalf of which the person(s) acted, executed the
	I certify under FENALTY OF PERFURY under the laws of the State of California that the foregoing paragraph is true and correct.
BRENDA LUCIANO Notary Public COMMONWEALTH OF MASSACHUSETTS My Commission Expires September 19, 2019	WITNESS my hand and official seal. Signature <u>Cillulated J</u> <u>Jeron Cillulated</u> Signature <u>Signature of Nonsof Public</u>
Place Notary Seal Above	
RECEIVED AND AGREED TO BY ASSIGNEE: TCR2 Therapeutics Inc	· / ·
	e fory Mesthewicz, Ph.D., ID her Operating Officer, Chief IP Counsel

	PATENT ASSIGNMENT	Docket Number 48538-708.301
WHEREAS, the undersigned:		
 Patrick BAEUERLE 450 Kendall Street Cambridge, Massachusetts 0214 	Gregory SIECZKIEWICZ 450 Kendali Street Cambridge, Massachusetts C	 Robert HOFMEISTER 4 Jason's Lane 2142 Scituate, Massachusetts 02066
	rented certain new and useful improvements in	
	TIONS AND METHODS FOR TCR REPROG	
for which application for which a PCT appl for which application for which an application	ication serial number was filed on in scrial number was filed on in the ion was filed upon which a United States Patent is:	9.2017 in the United States Patent and Trademark Office; the [] Receiving Office of the Patent Cooperation Treaty; Patent Office;
(hereinalter, "Application(s)"). The application(s).	term "Application(s)" also includes all patent appl	ications that share or claim priority to or from the above
<u>02142</u> , (hereinafter "Assignce"), is therein, and in and to all embodimer (hereinafter collectively referred to a in the United States, foreign countri	desirous of acquiring the entire right, title and inte its of the inventions, heretofore conceived, made o is "Inventions"), and in and to any and all patents,	place of business at <u>450 Kendali Street, Cambridge, Massachusetts</u> rest in and to said Application(s), and the inventions disclosed r discovered, whether jointly or severally, by said Inventor(s) inventor's certificates and other forms of protection thereon granted of, protocol, or treaty, including those filed under the Paris r otherwise (hereinafter "Patent(s)").
NOW, THEREFORE, in suid Assignee:	consideration of good and valuable consideration a	cknowledged by said Inventor(s) to have been received in full from
Inventions; (b) in and to said Applie is a divisional, substitution, continua or reissuing from any of the foregoin and to each and every patent and app present and future infringement of the	ations, including the right to claim priority to and 1 tion, or continuation-in-part of any of said Applici (g; (e) in and to each and every reissue, reexamina dication filed outside the United States and corresp	usid Assignce the entire right, title and interest (a) in and to said from said Application(s); (c) in and to each and every application that tion(s); (d) in and to said Patent(s) and each and every patent issuing tion, renewal or extension of any kind of any of the foregoing; (f) in bonding to any of the foregoing; and(g) in and to all claims for past, ceive and recover for Assignce's own use all past, present, and future at of the Patent(s).
right, little and interest herein convey cooperation by said Inventor(s) shall specifications, declarations or other Assigned the right, title and interest I divisional, continuing or additional a (e) for interference or other priority (therefor and any Patent(s) granted th	ed in the United States, foreign countries, or under include prompt production of pertinent facts and o papers, and other assistance all to the extent deeme herein conveyed; (b) for prosecuting any application pplications covering said Inventions; (d) for filing proceedings involving said Inventions; and (f) for f errors, including without limitation reissues and re- ngs, infringement actions and court actions; provis	Assignce to enable said Assignce to enjoy to the fullest extent the rany international convention, agreement, protocol, or treaty. Such locuments, giving of testimony, execution of petitions, caths, d necessary or desirable by said Assignce (a) for perfecting in said ans covering said Inventions; (c) for filing and prosecuting substitute, and prosecuting applications for relissuance of any said Patent(s); egal proceedings involving said Inventions and any applications examinations, opposition proceedings, cancellation proceedings, led, however, that reasonable expenses incurred by said Inventor(s)
 The terms and errors entities, and shall be binding 	ovenants of this assignment shall inure to the ben upon said inventor(s), their respective heirs, legal	off of said Assignce, its successors, assigns and other legal representatives and assigns.
4. Said Inventor(s contract, or understanding in conflict) beesby warrant, represent and covenant that said herewith.	Inventor(s) have not entered and will not enter into any assignment.
5. Said laventor(s agreement, protocol, or treaty, be iss representatives and assigns.) hereby request that any Patent(s) issuing in the U led in the name of the Assignee, or its successors (nited States, foreign countries, or under any international convention, and assigns, for the sole use of said Assignce, its successors, legal
lew principles. If any provision of th	is instrument is found to be illegal or unenforceab	ith the laws of the State of California, without regard to conflict of te, the other provisions shall remain effective and enforceable to the h of which is deemed an original, but all of which together constitute

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PATENT REEL: 046543 FRAME: 0750

PATENT ASSIGNMENT	Docket Number 48538-708.301
IN WITNESS WHEREOF, said Inventor(s) have executed and delivered this instrum	ent to said Assignce as of the dates written below:
Date: Patrick BAEUERLE	
A notary public or other officer completing this certificate verifies only the identity of the individual who signed if	he document to which this certificate is attached, and not the trathfolness,
State of) County of ;	
LAGE	
Name(s) of Signer(s)	
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the same in higher/their signature(s) on the instrument the person instrument.	(s). If the entry upon neutral of which the personal acted, encoded on
	(certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.
	WITNESS my hand and official seal.
	Signature
Place Norshi Scal Above	
Date: Gregory SIECZKJEWICZ	
A notary public or other officer completing this certificate verifies only the identity of the individual who signed accuracy, or vehicles of that document.	the document to which this contricate is attached, and not the trainintness,
State of Massachusetts ; County of ;	
Ob hefore me.	Network Public.
personally appoand Gregory SIBCZKIBWICZ	
Nanz(s) of Signer(s) who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the same in his/her/their authorized capacity(hes), and that by his/her/their signature(s) on the instrument the perso	e within instrument and acknowledged to me that he/shothey executed the u(s), or the entity upon behalf of which the person(s) acted, executed the
instrument.	I certify under FENALTY OF PERURY under the laws of the State of California that the foregoing parsgraph is true and correct.
	WITNESS my hand and official seal.
	Signature Signature of Notary Public
Place Natary Seal Above	
Date: 2/2.9/17 Robert HOPSILISTUR	
A notary public or other officer completing this certificate verifies only the identity of the individual who signed accesses, or validity of that document.	the document to which this certificate is attached, and not the truthfulness
State of Massachuseux County of Add 18 4 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	and an and an an
On 2-24-19 botom inc, Brenda Luci Date How I	(X-ULC/ <u>Notary Public</u>

Page 2 of 3

PATENT REEL: 046543 FRAME: 0751

PATENT ASSIGNMENT		Docket Number 48538-708.301
personally appeared Roisen HORMELETER		
	Nume(v) of Sig	igner(s)
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×		I cutify onder PENALTY OF PERIORY under the laws of the sedie of California that the foregoing paragraph is true and correct.
	BRENDA LJ Notary P OMNONWEALTH OF My Commissi September	WCIANO WENTERS my hand and utilised and. Public F WAREACHUSETTS FION Expires Internet & Brich A. A. A. A. C.
Place Nower Teal Above		
RECEIVED AND AGREED TO BY ASSIGNEE:	TCR2 Thera	apeulics Inc.
Date:	Signature: 🛫	
	1	Name: Gregory Sieczkiewicz, Ph.D., ID Title: Chief Operating Officer, Chief IP Counsel