502540258 10/22/2013

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2585681

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOERG SLAGHUIS	07/30/2013
PETER ROSSMANITH	07/17/2013
SABINE FUCHS	07/16/2013
PATRICK JULIAN MESTER	07/17/2013
MARTIN WAGNER	07/16/2013

RECEIVING PARTY DATA

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City:	DARMSTADT	
State/Country:	GERMANY	
Postal Code:	64293	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	14113221	

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	MERCK-4133
NAME OF SUBMITTER:	MICHAIAH COPP
	PAIENI

502540258 REEL: 031448 FRAME: 0994

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Signature:	/Michaiah Copp/
Date:	10/22/2013
Total Attachments: 2 source=4133_EXECUTED_ASSIGN#page1.tif source=4133_EXECUTED_ASSIGN#page2.tif	

PATENT REEL: 031448 FRAME: 0995

PM/064

ASSIGNMENT

ATTY, DOCKET NO.

WHEREAS the below named inventor (if only one inventor is named below) or inventors (if plural inventors are named below) hereinafter referred to as the ASSIGNOR, invented a certain improvement(s) relating to

U.S. Pro	ovisional Application Serial No.	was filed in the United States Patent and Trademark Office on
A U.S,	Non-Provisional	
	Application Serial No. 10	to be filed in the United States Patent and Trademark Office was executed on even date. In Letters Patent was filed in the U.S. Patent and Trademark Office on PCT/EP2012/001363 was filed on 28 March 2012, designating the United States.
AND V		IENT GESELLSCHAFT RÄNKTER HAFTUNG

Darmstadt, Germany

METHOD FOR LYSING CELLS

hereinafter referred to as the ASSIGNEE, is destrous of acquiring the entire right, title, and interest in and to said invention and all application(s) listed above, including any and all earlier priority rights (U.S. and foreign), divisions and continuations thereof, and any and all tenewals, reissues, reexaminations and extensions thereof.

NOW, WITNESSETH that for good and valuable consideration, the receipt whereof is hereby acknowledged, ASSIGNOR hereby assigns, sells, and transfers to ASSIGNEE, its assigns and logal representatives, the entire and exclusive right, title and interest in and to said invention and application(s), including any and all divisions and continuations thereof, and any and all Letters Patient which may be granted therefor, including any and all renewals, reissues, reexaminations and excussions thereof, and in and to any and all U.S. (including provisional) or foreign priority sud/or convention rights or benefits accraining or to accrue with respect to the filing or securing of patents in the United States and/or any countries foreign thereto concerning said unvention. SAID ASSIGNEE, its assigns and legal representatives to have, hold, exercise, and enjoy said invention and application, including any and all earlier priority rights (1/5), and foreign), divisions and continuations thereof, any and all Letters Patient which may be granted therefor, including any and all renewals, reissues, treasminations and extensions thereof, including the right to sue for damages occurring before the assignment, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such Letters Patent when granted including any and all renewals, reissues, recommendations and extensions thereof, for the use and benefit of ASSIGNEE and its assigns and legal representatives, in an analysis and benefit of assignment and enjoyed the same, if the assignment had not been made

AND ASSIGNOR hereby agrees to execute all papers that may be necessary to file applications in the United States and foreign countries for said invention and to assign the same to said ASSIGNEE, its assigns and legal representatives and to execute any other papers that may be needed in connection with filing said applications and securing Letters Patents thereum.

AND ASSIGNOR authorizes and requests the Commissioner of Patents and Trademarks to issue a Letters Patent on said application, and on any and all divisions and continuations thereof, to ASSIGNEE, its assigns and legal representatives, in accordance herewith.

The undersigned hereby grant(s) the law firm of Millen, White, Zelano & Branigan, P.C. the power to insert on this assignment information which may be necessary or desirable in order for the United States Patent and Trademark Office to property record this document.

IN TESTIMONY WHEREOF this assignment is executed by ASSIGNOR

201 FULL NAME OF SOLE OF FIRST NAMED INVENTOR SLAGHUIS, Joerg	1 4 X X X X X X X X X X X X X X X X X X	3 0. Juli 2017
202 FULL NAME OF SECOND JOINT INVENTOR	INARALORE SECHETICAL	
ROSSMANITH, Peter 2017 FOCL NAME OF THIRD JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
FUCHS, Sabine 204 FULL NAME OF POURTH JOINT INVENTOR	INVENTOR'S SKONATURE	DATE
MESTER, Patrick Julian		
203 FÜLT, NAME OF PIETH JOINT INVENTOR	inventors signature	DATE
WAGNER, Martin 266 FULL NAME OF SIXTH JUINT INVENTOR	INVENTOR'S SIGNATURE	DATE
207 FULL HAME OF SEVENTH JOINT INVENTOR	INVESTOR'S SIGNATURE	DATE
TOS FULL NAME OF EIGHTH JOHN INVENTOR	WENTOR'S SIGNATURE	DATE
209 FULL NAME OF NIBITH JOINT INVENTOR	INVENTORS ERIFFATURE	DATE

PATENT REEL: 031448 FRAME: 0996

744/064

ASSIGNMENT

ATTY, DOCKET NO.

WHEREAS the below named inventor (if only one inventor is named below) or inventors (if plural inventors are named below) hereinafter referred to us the ASSIGNOR inventor are named below) hereinafter referred to us the

	METHOD FOR LYSING CELLS	
and for	which one or more of the following apply:	
	U.S. Provisional Application Scrint No.	was filed in the United States Patent and Trademark Office on
	A U.S. Non-Provisional	
	tabburation traffit tab	if to be filed in the United States Patent and Trademark Office was executed on even date for Letters Patent was filed in the U.S. Patent and Trademark Office on lo. PCT/EP2012/001363 was filed on 28 March 2012, designating the United States.
	AND WHEREAS	
		ATENT GESELLSCHAFT
	MIT BESC	HRÄNKTER HAFTUNG

Darmstadt, Germany

hereinafter referred to as the ASSIGNEE, is desirous of acquiring the entire right, title, and interest in and to said invention and all application(s) listed above, including any and all earlier priority rights (U.S. and foreign), divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, ressues, reexaminations and extensions thereof.

NOW, WITNESSETH that for good and valuable consideration, the receipt whereof is hereby acknowledged, ASSIGNOR hareby assigns, sells, and transfers to ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, including any and all renewals, reasones, reexaminations and extensions thereof, and in and to any and all U.S. (including provincinal) or foreign priority and/or convention rights or benefits according or to accord with respect to the filing or securing of patents in the United States and/or any countries foreign thereto concerning said invention. SADIFEE, its assigns and legal representatives to have, hold, exercise, and expoy and invention and application, including any and all enther priority rights (1.8) and foreign) divisions and continuations thereof, any and all letters Patent which may be granted therefor, including any and all enther priority rights ressaminations and extensions thereof, any and all letters Patent which may be granted therefor, including any and all renewals, ressaminations and extensions from or apportant patents of the term or terms of any and all such Letters Patent when granted, including any and all concerns, retsames, reasonablems and extensions thereof, for the use and benefit of ASSIGNEE and its assigns and legal representatives, in as ample and benefit of ASSIGNEE and its assigns and legal representatives, in as ample and benefit of ASSIGNEE and its assigns and legal representatives, in as ample and benefit of ASSIGNEE and its assignment had not been made.

AND ASSIGNOR hereby agrees to execute all papers that may be necessary to file applications in the United States and foreign countries for said invention and to execute any other papers that may be needed in connection with filing said applications and securing Letters Patents thereon.

AND ASSIGNOR authorizes and requests the Commissioner of Patents and Trademarks to issue a Lotters Patent on said application, and on any and all divisions and continuations thereof, to ASSIGNEE, its assigns and legal representatives, in accordance herewith.

The undersigned hereby grant(s) the law firm of Millen, White, Zelano & Branigan, P.C. the power to insert on this assignment information which may be necessary or desirable in order for the United States Patent and Trademark Office to property record this document.

IN TESTIMONY WHEREOF this assignment is executed by ASSIGNOR

FULL NAME OF SOLE OR FIRST NAMED INVESTIGE	ENVESTORS SKINATORE	THIE
LAGHUIS, Joerg		
2 FOLL NAME OF SECOND HINT INVENTOR	PYERTORS SIGNATURE	
OSSMANITH, Peter	E-A	12 0000 /2
FULL NAME OF THIRD JOINT INVENTOR	A PARTON STONE NO.	
UCHS, Sabine	Latin Par	16.07.12
FULL NAME OF POURTH IONAT INVENTOR	/ INVERTOR'S SPIRATURE	1500
ESTER, Patrick Julian	1911	10 (7) 12
EST DAMED DE LIETUION E INCENTOS	1 // SPARTOR SHOESTORS	7,07,15
AGNER, Martin		16 07.13
FULL SAME OF ENTH BUSY INVENTOR	A STATE STAT	15.000

FULL NAME OF SUCENSIFIED INVESTIGE	MVENTOR'S MIGNATURE	DATE
FEAL WASHE OF EXCHILL RONG INVENTOR		**
Committee Commit	INVENTOR'S SIGNATURE	PAR
VIII NAME OF STRUCT HART HAVE VITAR		
STATE IN AND CHE NUMBER TRANSPORTER TO A STATE OF THE STA	INVESTORSSENATURE	300
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