PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3923278

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MICHAEL JUNGE	03/24/2016
ANDREAS BEYER	03/24/2016
URSULA PATWAL	03/29/2016
PEER KIRSCH	03/31/2016
SUSANN BECK	03/31/2016

RECEIVING PARTY DATA

Name:	MERCK PATENT GMBH
Street Address:	FRANKFURTER STRASSE 250
City:	DARMSTADT
State/Country:	GERMANY
Postal Code:	64293

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15105729

CORRESPONDENCE DATA

503876629

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 - AMB

Address Line 1: 2200 CLARENDON BLVD.

Address Line 2: SUITE 1400

Address Line 4: ARLINGTON, VIRGINIA 22201

ATTORNEY DOCKET NUMBER:	MERCK-4484
NAME OF SUBMITTER:	AUBREY M. BROOKS
SIGNATURE:	/Aubrey M. Brooks/
DATE SIGNED:	06/17/2016
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 5 source=Dual_Dec_Assignment#page1.tif source=Dual_Dec_Assignment#page2.tif source=Dual_Dec_Assignment#page3.tif source=Dual_Dec_Assignment#page4.tif source=Dual_Dec_Assignment#page5.tif

Title of Invention	DEVIC	E FOR REGULATING THE PASSAGE OF LIGHT
		La Ibada Jaka thi
1		ior, I hereby declare that:
This declaration		The attached application, or
is directed to:	53	United States Application or PCT International Application number <u>PCT/EP2014/003153</u> filed on <u>26.11.2014</u>
{		eation was made or authorized to be made by me.
l believe that I an	n the origi	inal inventor or an original joint inventor of a claimed invention in the application.
AND WHEREAS	Arres	
	2-	Merck Patent GmbH Frankfurter Strasse 250
		64293 Darmstadt / DE
all patent(s) listed	i above, ir	the ASSIGNEE, is desirous of acquiring the entire right, title, and interest in and to said invention and including any and all earlier priority rights (U.S. and foreign), divisions and continuations thereof, wals, reissues, reexaminations and extensions thereof.
ASSIGNOR here right, title and int and all I etters Pa thereof, and in an to accrue with reinvention, SAID including any and which may be graright to sue for deatising from or agrenewals, reissue, representatives, in	by assign- erest in ar- tent which d to any a spect to the ASSIGNE I all earlie amages oc opertainin s, reexamin as ample	SETH that for good and valuable consideration, the receipt whereof is hereby acknowledged, s, sells, and transfers to ASSIGNEE, its assigns and legal representatives, the entire and exclusive ad to said invention and patent(s), including any and all divisions and continuations thereof, and any in may be granted therefor, including any and all renewals, reissues, reexaminations and extensions and all U.S. (including provisional) or foreign priority and/or convention rights or benefits accruing or a filing or securing of patents in the United States and/or any countries foreign thereto concerning said E, its assigns and legal representatives to have, hold, exercise, and enjoy said invention and patent, or priority rights (U.S. and foreign), divisions and continuations thereof, any and all Letters Patent afor, including any and all renewals, reissues, reexaminations and extensions thereof, including the curring before the assignment, with all the rights, powers, privileges and advantages in anywise g thereto, for and during the term or terms of any and all such Letters Patent, including any and all inations and extensions thereof, for the use and benefit of ASSIGNEE and its assigns and legal c and beneficial a manner to all intents and purposes as the ASSIGNOR might or could have held and signment 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 securing Letters Patents thereon.		
		R authorizes and requests the Commissioner of Patents and Trademarks to issue a Letters Patent on ontinuations thereof, to ASSIGNEE, its assigns and legal representatives, in accordance herewith.
	nation wh	hereby grant(s) the law firm of Millen, White, Zelano & Branigan, P.C. the power to insert on this sich may be necessary or desirable in order for the United States Patent and Tradomark Office to ent.
		IN TESTIMONY WHEREOF this assignment is executed by ASSIGNOR
l		ledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by timore than five (5) years, or both.
LEGAL NAME		
Inventor:	Michael JI	1996 <u>4 2016</u>
Signature:		-del from

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 16, 2012

Title of Invention	DEVIC	E FOR REGULATING THE PASSAGE OF LIGHT
As the below nan	ed invento	or, I hereby declare that:
This declaration		The attached application, or
is directed to:	(88.	United States Application or PCT International Application number <u>PCT/EP2014/003133</u> filed on <u>26.11.2014</u>
The above-identit	ied applic	ation was made or authorized to be made by me.
I believe that I am	the origin	nal inventor or an original joint inventor of a claimed invention in the application.
AND WHEREAS	455555	,
hereinafter referre	F 6	Aerck Patent GmbH rankfurter Strasse 250 4293 Darmstadt / DE 2 ASSIGNEE, is desirous of acquiring the entire right, title, and interest in and to said invention and
		cluding any and all earlier priority rights (U.S. and foreign), divisions and continuations thereof, als, reissues, reexaminations and extensions thereof.
ASSIGNOR here right, title and intrand all Letters Parthereof, and in anto accrue with resinvention, SAID a including any and which may be graright to sue for data rising from or aprenewals, reissues representatives, in	by assigns, crest in and tent which it to any ar pect to the ASSIGNED all earlier mages occupertaining, reexamir as ample	ETH that for good and valuable consideration, the receipt whereof is hereby acknowledged, sells, and transfers to ASSIGNEE, its assigns and legal representatives, the entire and exclusive does aid invention and patent(s), including any and all divisions and continuations thereof, and any may be granted therefor, including any and all renewals, reissues, reexaminations and extensions and all U.S. (including provisional) or foreign priority and/or convention rights or benefits accruing or filing or securing of patents in the United States and/or any countries foreign thereto concerning said E, its assigns and legal representatives to have, hold, exercise, and enjoy said invention and patent, priority rights (U.S. and foreign), divisions and continuations thereof, any and all Letters Patent for, including any and all renewals, reissues, reexaminations and extensions thereof, including the curring before the assignment, with all the rights, powers, privileges and advantages in anywise thereto, for and during the term or terms of any and all such Letters Patent, including any and all nations and extensions thereof, for the use and benefit of ASSIGNEE and its assigns and legal and beneficial a manner to all intents and purposes as the ASSIGNOR might or could have held and ignment had not been made.
and foreign count	ries for sai	thereby agrees to execute all papers that may be necessary to file applications in the United States id invention and to assign the same to said ASSIGNEE, its assigns and legal representatives and to it may be needed in connection with securing Letters Patents thereon.
		authorizes and requests the Commissioner of Patents and Trademarks to Issue a Letters Patent on Intinuations thereof, to ASSIGNEE, its assigns and legal representatives, in accordance herewith.
The uncassignment inform properly record the	nation whi	nereby grant(s) the law firm of Millen, White, Zelane & Branigan, P.C. the power to insert on this ch may be necessary or desirable in order for the United States Patent and Trademark Office to ent.
	j	IN TESTIMONY WHEREOF this assignment is executed by ASSIGNOR
		edge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by more than five (5) years, or both.
LEGAL NAME C	F INVEN	
Signature:	1	Leds Re

Millen, White, Zelang & 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 16, 2012

Title of Invention	DEVICE FOR REGULATING THE PASSAGE OF LIGHT
As the below nan	ed inventor, I hereby declare that:
This declaration	☐ The attached application, or
is directed to:	United States Application or PCT International Application number <u>PCT/EP2014/003153</u> filed on <u>\$26.11.2014</u>
The above-identit	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.
all patent(s) listed	Merck Patent GmbH Frankfurter Strasse 250 64293 Darmstadt / DE 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 earlier priority rights (U.S. and foreign), divisions and continuations thereof, all renewals, reissues, reexaminations and extensions thereof.
ASSIGNOR here right, title and int and all Letters Pa thereof, and in an to accrue with resinvention, SAID including any and which may be graright to sue for darising from or agrenewals, reissues representatives, it	WITNESSETH 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 sent which may be granted therefor, including any and all renewals, ressues, reexaminations and extensions do to any and all U.S. (including provisional) or foreign priority and/or convention rights or benefits accruing or pect to the filling 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, all earlier priority rights (U.S. and foreign) divisions and continuations thereof, any and all Letters Patent need therefor, including any and all renewals, reissues, reexaminations and extensions thereof, including the mages occurring before the assignment, with all the rights, powers, privileges and advantages in anywise operationing thereto, for and during the term or terms of any and all such Letters Patent, including any and all a reasoninations and extensions thereof, for the use and benefit of ASSIGNEE and its assigns and legal as a sample 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 assign the same to said ASSIGNEE, its assigns and legal representatives and to papers that may be needed in connection with securing Letters Patents thereon.
AND A any and all divisi	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.
	tersigned hereby gram(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
	eacknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by ent of not more than five (5) years, or both.
LEGAL NAME (Inventor: 1 Signature:	DE INVENTOR Ursula PATWAL Date; 29-3-16 L. PAAJAL

Millen, White, Zelano & Branigan, P.C.
Attorneys at Law
Arlington Courthouse Plaza
2200 Clarendon Boulevard | Suite 1400 | Arlington VA 22201
Telephone: 703.243.6333 | Pax: 703.243.6410
Email: mail@mwzb.com

Effective, September 16, 2012

Invention	DEVICE PON REGOEATENO THE FROMOS OF ESCALE
As the below nan	ned inventor, I hereby declare that:
This declaration	☐ The attached application, or
is directed to:	United States Application or PCT International Application number <u>PCT/EF2014/003153</u> filed on 26,11.2014
The above-identi	fied 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 hereinafter refereall patent(s) listed	
ASSIGNOR here right, title and int and all Letters Pathercof, and in an to accrue with resinvention, SAID including any and which may be grayight to sue for darising from or a renewals, reissue, representatives, in	WITNESSETH 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 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 foreign priority and/or convention rights or benefits accruing or spect to the filling 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, it all earlier priority rights (U.S. and foreign), divisions and continuations thereof, any and all Letters Patent unted therefor, including any and all renewals, reissues, reexaminations and extensions thereof, including the umages 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 s, reexaminations and extensions thereof, for the use and benefit of ASSIGNEE and its assigns and legal in 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 coun	ASSIGNOR hereby agrees to execute all papers that may be necessary to file applications in the United States tries 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 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.
The unassignment information properly record the contract of t	dersigned hereby grant(s) the law firm of Millen, White, Zelano & Branigan, P.C. the power to insert on this mation which may be necessary or desirable in order for the United States Patent and Trademark Office to his 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 nent of not more than five (5) years, or both.
LEGAL NAME	
	Para KIRSCH Date: 3(3, 2, 2)
Signature:	

Millen, White, Zelano & Branigan, P.C.
Attorneys at Law
Arlington Courthouse Plaza
2200 Clarendon Bouleyard | Suite 1400 | Arlington VA 22201
Telephone: 703.243.6333 | Fax: 703.243.6410
Email: mail@mwzb.com

Effective, September 16, 2012

Title of Invention	DEVIC	E FOR REGULATING THE PASSAGE OF LIGHT
<u> </u>		
		ir, I hereby declare that:
This declaration		The attached application, or
is directed to:		United States Application or PCT International Application number <u>PCT/EF2014/003153</u> filed on <u>26.11.2014</u>
The above-identif	fied applica	ation was made or authorized to be made by me.
I believe that I an	the origin	al inventor or an original joint inventor of a claimed invention in the application.
all patent(s) listed	F 6 ed to as the labove, in-	Aerok Patent GmbH rankfurter Strasse 250 4293 Darmstadt / DE ASSIGNEE, is desirous of acquiring the entire right, title, and interest in and to said invention and cluding any and all earlier priority rights (U.S. and foreign), divisions and continuations thereof, als, reissues, reexaminations and extensions thereof.
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 gre right to sue for de arising from or agrenewals, reissue representatives, in	by assigns, erest in and tent which do any ar spect to the ASSIGNE, in lie arrier unted there umages occupertainings, reexamin as ample	ETH that for good and valuable consideration, the receipt whereof is hereby acknowledged, sells, and transfers to ASSIGNEE, its assigns and legal representatives, the entire and exclusive d to said invention and patent(s), including any and all divisions and continuations thereof, and any may be granted therefor, including any and all renewals, reissues, reexaminations and extensions ad all U.S. (including provisional) or foreign priority and/or convention rights or benefits accruing or filing or securing of patents in the United States and/or any countries foreign thereto concerning said E, its assigns and legal representatives to have, hold, exercise, and enjoy said invention and patent, priority rights (U.S. and foreign), divisions and continuations thereof, any and all Letters Patent for, including any and all renewals, reissues, reexaminations and extensions thereof, including the curring before the assignment, with all the rights, powers, privileges and advantages in anywise thereto, for and during the term or terms of any and all such Letters Patent, including any and all nations and extensions thereof, for the use and benefit of ASSIGNEE and its assigns and legal and beneficial a manner to all intents and purposes as the ASSIGNOR might or could have held and ignment had not been made.
and foreign count	tries for sai	thereby agrees to execute all papers that may be necessary to file applications in the United States id invention and to assign the same to said ASSIGNEE, its assigns and legal representatives and to at may be needed in connection with securing Letters Patents thereon.
		authorizes and requests the Commissioner of Patents and Trademarks to issue a Letters Patent on attinuations thereof, to ASSIGNEE, its assigns and legal representatives, in accordance herewith.
	nation whi	nereby grant(s) the law firm of Millen, White, Zelano & Branigan, P.C. the power to insert on this ch may be necessary or desirable in order for the United States Patent and Trademark Office to ent.
		IN TESTIMONY WHEREOF this assignment is executed by ASSIGNOR
		edge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by more than five (5) years, or both.
LEGAL NAME	ar the second	1.1 1 (1.0.0000) 1.10 (1
Inventor:	instantig.	ON Date: JA. S. AD
Signature:	X	

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 16, 2012

PATENT REEL: 038940 FRAME: 0238

RECORDED: 06/17/2016