PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3414966

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
INGO KOEHLER	03/06/2015
OLIVER DOLL	03/11/2015
SEBASTIAN BARTH	06/08/2015

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:	14655857

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

MILLEN, WHITE, ZELANO & BRANIGAN-EJ **Correspondent Name:**

Address Line 1: 2200 CLARENDON BLVD.

Address Line 2: **SUITE 1400**

Address Line 4: ARLINGTON, VIRGINIA 22201

ATTORNEY DOCKET NUMBER:	MERCK-4351
NAME OF SUBMITTER:	ELIZABETH JERMAN
SIGNATURE:	/Elizabeth Jerman/
DATE SIGNED:	06/26/2015
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 3

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> **PATENT** REEL: 035913 FRAME: 0555

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PATENT REEL: 035913 FRAME: 0556

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	Doping	media for the local doping of silicon wafers
As the below nan	ed invento	r, I hereby declare that:
This declaration		The attached application, or
is directed to:		United States Application or PCT International Application number <u>PCT/EP2013/003838</u> filed on 18 December 2013
The above-identif	ied applica	ition was made or authorized to be made by me.
I believe that I am	the origin	al inventor or an original joint inventor of a ciaimed invention in the application.
all patent(s) listed	od to as the labove, inc	lerck 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 graright to sue for dearising from or agrenewals, reissue representatives, in	by assigns, erest in and tent which do any ar spect to the ASSIGNE; all earlier unted there; unages occopertainings, 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 if 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 arring 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 grament 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 dinvention and to assign the same to said ASSIGNEE, its assigns and legal representatives and to may be needed in connection with securing Letters Patents thereon.
		t authorizes and requests the Commissioner of Patents and Trademarks to issue a Letters Patent on ntinuations thereof, to ASSIGNEE, its assigns and legal representatives, in accordance herewith.
The unassignment information properly record the	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		
Inventor:	ngo Koehl	Paie: <u>(2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2</u>
Signature	<u> 1740</u>	<u> </u>

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

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	Doping	media for the local doping of silicon wafers
As the below nam	ed invento	r, I hereby declare thai:
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is directed to:		United States Application or PCT International Application number <u>PCT/EP2013/003838</u> filed on 18 December 2013
The above-identif	fied applica	ition was made or authorized to be made by me.
I believe that I am	the origin	al inventor or an original joint inventor of a claimed invention in the application.
all patent(s) listed	M F 6 ad to as the l above, inc	lerck 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 Pathereof, and in an to accrue with reinvention, SAID including any and which may be gright to sue for dearising from or a renewals, reissue representatives, in	by assigns, erest in and tent which do any ar spect to the ASSIGNE. I all earlier unted there amages occopertaining, 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 it 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 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 in a sasigns 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 agmment had not been made.
and foreign coun	tries for sai	Chereby 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.
AND A any and all divisi	ASSIGNOF ons and co	t authorizes and requests the Commissioner of Patents and Trademarks to issue a Letters Patent on ntinuations thereof, to ASSIGNEE, its assigns and legal representatives, in accordance herewith.
The un assignment infor properly record t	mation whi	hereby grant(s) the law firm of Millen, White, Zelano & Branigan, P.C. the power to insert on this ich 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		
Inventor:	Oliyer Dol	1 Date:
Signature:	<u> 14.00</u>	<u> </u>

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

TELEPHONE: 703.243.6333 | PAX: 703.243.6410 EMAIL: MAIL@MWZB.COM

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Title of Invention	Doping	media for the local doping of silicon wafers
As the below named inventor, I hereby declare that:		
This declaration		The attached application, or
is directed to:		United States Application or PCT International Application number <u>PCT/EP2013/003838</u> filed on 18 December 2013
The above-identi	fied applic	ation was made or authorized to be made by me.
I believe that I an	n the origin	nal inventor or an original joint inventor of a claimed invention in the application.
AND WHEREAS Merck Patent GmbH		
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 legal representatives, the entire and exclusive right, title and interest in and to said invention and patent(s), including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions thereof, and in and to any and all U.S. (including provisional) or foreign priority and/or convention rights or benefits accruing or to accrue with respect to the filing or securing of patents in the United States and/or any countries foreign thereto concerning said invention, SAID ASSIGNEE, its assigns and legal representatives to have, hold, exercise, and enjoy said invention and patent, including any and all earlier priority rights (U.S. and foreign), divisions and continuations thereof, any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, reexaminations 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, including any and all renewals, reissues, reexaminations and extensions thereof, for the use and benefit of ASSIGNEE and its assigns and legal representatives, in as ample and beneficial a manner to all intents and purposes as the ASSIGNOR might or could have held 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 securing Letters Patents thereon.		
AND A any and all divisi	ASSIGNOI ons and co	R authorizes and requests the Commissioner of Patents and Trademarks to issue a Letters Patent on outinuations thereof, to ASSIGNEE, its assigns and legal representatives, in accordance herewith.
The un assignment infor properly record t	mation wh	hereby grant(s) the law firm of Millen, White, Zelano & Branigan, P.C. the power to insert on this ich 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
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.		
LEGAL NAME		
Inventor:	Sebastian.	British Date: 8,4,1
Signature:	25-62	

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

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