504135414 12/19/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4191700

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ANDREAS POQUE	12/16/2016
MICHAEL LONG	12/08/2016
BIRGIT IRMGARD BECCARD	12/13/2016
CLAUDIA CREMER	12/12/2016
KARL-HEINZ TRIMBORN	12/08/2016
ANDY EICHLER	12/08/2016

RECEIVING PARTY DATA

Name:	AIXTRON SE
Street Address:	DORNKAULSTRASSE 2
City:	HERZOGENRATH
State/Country:	GERMANY
Postal Code:	52134

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15316646

CORRESPONDENCE DATA

Fax Number: (408)773-6177

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: 866-877-4883

Email: patents@ascendalaw.com ASCENDA LAW GROUP **Correspondent Name:** 333 W. SAN CARLOS ST. Address Line 1:

Address Line 2: SUITE 200

Address Line 4: SAN JOSE, CALIFORNIA 95110

ATTORNEY DOCKET NUMBER:	2001-0062
NAME OF SUBMITTER:	TAREK N. FAHMI
SIGNATURE:	/Tarek N. Fahmi/
DATE SIGNED:	12/19/2016
This document serves as an Oath/Declaration (37 CFR 1.63).	

REEL: 040673 FRAME: 0586 504135414

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Total Attachments: 4 source=US Assignment signed all#page1.tif source=US Assignment signed all#page2.tif

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Combined Declaration and Assignment for Utility and Design Patent Applications

DECLARATION
As a below named inventor, I hereby declare that:
I believe I am the original inventor or an original joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled
Insert Title: APPARATUS AND METHOD FOR GENERATING A VAPOR FOR A CVD OR PVD DEVICE
the application of which is attached hereto unless the following is checked
was filed on <u>December 6, 2016</u> as United States Application Number <u>15/316,646</u> and was filed on as PCT International Application Number and was amended on (if applicable).
The above-identified application was made or authorized to be made by me.
I hereby acknowledge that any willful false statement made in this declaration is punishable under section 1001 of title 18 by fine or imprisonment of not more than 5 years, or both.
ASSIGNMENT
FOR GOOD AND VALUABLE CONSIDERATION, the adequacy and receipt of which is hereby acknowledged by the undersigned inventor(s) (hereinafter ASSIGNOR) by
Insert Assignee(s) Aixtron SE

Name/Address:

Dornkaulstraße 2 52134 Herzogenrath

(hereinafter ASSIGNEE), the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the above-identified application (e.g., provisional or non-provisional) and all Letters Patent of the United States to be obtained therefore on said application or any continuation, divisional, substitute, reissue, reexamination, supplemental examination, inter partes review, post grant review, or other procedures thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with the application and any continuation, divisional, reissue, reexamination, supplemental examination, inter partes review, post grant review, or other procedures thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, divisional, reissue or reexamination, supplemental examination, inter partes review, post grant review, or other procedures thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

The ASSIGNOR sells, assigns and transfers to said ASSIGNEE the entire and exclusive right, title and interest to the application(s) and the invention(s) disclosed therein for the United States of America and all countries foreign to the United States and do hereby authorize said ASSIGNEE to apply for patents therefore in its own name in countries where such procedure is proper and to claim the priority right under the International Convention and agrees to execute all papers

necessary in connection with applications for such patents and any continuation, divisional, substitute, reissue or reexamination, supplemental examination, inter partes review, post grant review, or other procedures thereof and also execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

Hereby executed by the undersigned on the date opposite the undersigned name:

Legal Name of inventor ⇒	Michael LONG	Date:
Inventor's Signature ⇒		
Legal Name of inventor ⇒	Birgit Irmgard BECCARD	Date:
Inventor's Signature →		
Legal Name of inventor ⇒	Claudia CREMER	Date:
Inventor's Signature		
Legal Name of inventor ⇒	Karl-Heinz TRIMBORN	Date:
Inventor's Signature		
Legal Name of inventor ⇒	Andy EICHLER	Date:
Inventor's Signature		
Legal Name of inventor ⇒	Andreas POQUÉ	Date: <u>46,47,2046</u>
Inventor's Signature ⇔	A.Pop	

Name/Address:

52134 Herzogenrath

Germany

Combined Declaration and Assignment for Utility and Design Patent Applications

DECLARATION

As a below named in	nventor, I hereby declare that:
I believe I am the or is sought on the inve	riginal inventor or an original joint inventor of the subject matter which is claimed and for which a paten ention entitled
Insert Title:	APPARATUS AND METHOD FOR GENERATING A VAPOR FOR A CVD OR PVD DEVICE
the application of w	hich is attached hereto unless the following is checked
was filed on <u>Dec</u> International Applic	tember 6, 2016 as United States Application Number 15/316,646 and was filed on as PC3 ation Number and was amended on (if applicable).
The above-identified	application was made or authorized to be made by me.
I hereby acknowledgine or imprisonmen	ge that any willful false statement made in this declaration is punishable under section 1001 of title 18 by it of not more than 5 years, or both.
	ASSIGNMENT
FOR GOOD AND undersigned invento	VALUABLE CONSIDERATION, the adequacy and receipt of which is hereby acknowledged by the r(s) (hereinafter ASSIGNOR) by
Insert Assignee(s)	Aixtron SE Dornkaulstraße 2

(hereinafter ASSIGNEE), the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the above-identified application (e.g., provisional or non-provisional) and all Letters Patent of the United States to be obtained therefore on said application or any continuation, divisional, substitute, reissue, reexamination, supplemental examination, inter partes review, post grant review, or other procedures thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with the application and any continuation, divisional, reissue, reexamination, supplemental examination, inter partes review, post grant review, or other procedures thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, divisional, reissue or reexamination, supplemental examination, inter partes review, post grant review, or other procedures thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

The ASSIGNOR sells, assigns and transfers to said ASSIGNEE the entire and exclusive right, title and interest to the application(s) and the invention(s) disclosed therein for the United States of America and all countries foreign to the United States and do hereby authorize said ASSIGNEE to apply for patents therefore in its own name in countries where such procedure is proper and to claim the priority right under the International Convention and agrees to execute all papers

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necessary in connection with applications for such patents and any continuation, divisional, substitute, reissue or reexamination, supplemental examination, inter partes review, post grant review, or other procedures thereof and also execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

Hereby executed by the undersigned on the date opposite the undersigned name:

Legal Name of inventor ⇒	Michael LONG	Date:	12/8/2016
Inventor's Signature ⇔	MHZ		
Legal Name of inventor ⇒	Birgit Irmgard BECCARD	Date:	12/13/2016
Inventor's Signature ⇔	Bupil Beanyll		
Legal Name of inventor ⇒	Claudia CREMER	Date:	1211212016
Inventor's Signature ⇔	- Qua		
Legal Name of inventor ⇒	Karl-Heinz TRIMBORN	Date:	12181 2016
Inventor's Signature ⇔	LITHIML-		
Legal Name of inventor ⇒	Andy EICHLER	Date:	1218/2016
Inventor's Signature =>	<u>Anna</u>	<u> </u>	
Legal Name of inventor ⇒	Andreas POQUÉ	Date:	
Inventor's Signature ⇒			

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