506150375 07/13/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6197107

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHUNGUANG XIA	01/25/2019
JONGHOON BAEK	05/30/2019
JOHN TOM STEWART IV	05/28/2019
ANDREW DAVID LAFORGE	03/05/2019
DENIZ VAN HEIJNSBERGEN	06/07/2019
DAVID ROBERT EVANS	02/10/2019
NINA VLADIMIROVNA DZIOMKINA	03/06/2019
YUE MA	03/05/2019

RECEIVING PARTY DATA

Name:	ASML NETHERLANDS B.V.
Street Address:	P.O. BOX 324
City:	VELDHOVEN
State/Country:	NETHERLANDS
Postal Code:	5500 AH

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16961747

CORRESPONDENCE DATA

Fax Number:

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: 7037650030

Email: docketing@dmipgroup.com

Correspondent Name: DIBERARDINO MCGOVERN IP GROUP LLC

Address Line 1: PO BOX 7126

Address Line 4: ALEXANDRIA, VIRGINIA 22307

ATTORNEY DOCKET NUMBER:	2017P00366WOUS/002-163US1
NAME OF SUBMITTER:	JENNIFER AUGSBURGER
SIGNATURE:	/jenn augsburger/

PATENT 506150375 REEL: 053190 FRAME: 0935

DATE SIGNED:	07/13/2020	
Total Attachments: 4		
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PATENT REEL: 053190 FRAME: 0936

For Administrative Purposes			
Assignee's internal reference:	2017P00366-GN01		
Counterpart or related patent application of, or for, the assigned subject matter below:	Country, filing date & application number:	Initials of administrator and date:	

ASSIGNMENT

In consideration of good and valuable consideration received by the ASSIGNOR(s), namely:

NAME OF ASSIGNOR(S)

	(1)	Chunguang XIA	(2)	Jonghoon BAEK
	(3)	John, Tom STEWART IV	(4)	Andrew, David LAFORGE
-	(5)	Deniz VAN HEIJNSBERGEN	(6)	David, Robert EVANS
-	(7)	Nina, Vladimirovna DZIOMKINA	(8)	Yue MA

the receipt and sufficiency of which are acknowledged by the ASSIGNOR(s), the ASSIGNOR(s) hereby sell(s), assign(s) and transfer(s) unto:

NAME OF ASSIGNEE and ADDRESS

ASML Netherlands B.V.
P.O. Box 324
5500 AH Veidhoven
The Netherlands

and its or their successors, assigns and legal representatives (together and individually hereinafter "ASSIGNEE") and to the extent already assigned or transferred to ASSIGNEE by operation of iaw or by a general obligation between the ASSIGNOR(s) and ASSIGNEE, the ASSIGNOR(s) hereby confirm(s) and formalize(s) the assignment and transfer to ASSIGNEE of, the entire and exclusive right, title and interest for all countries, regions, territories, and other jurisdictions throughout the world, in, to and under the invention(s), improvements thereof, and all patent applications, provisional and non-provisional, (including without limitation all patent applications claiming priority and/or benefit, including without limitation all divisional, continuation, continuation-in-part, substitute, renewal and reissue applications), patents (including without limitation extensions, reissues and renewals thereof), and other intellectual property protection (including without limitation all utility models, designs and inventor certificates, and applications, extensions, renewals and reissues for the same) therefore, together with, though not in any way of limitation, all rights of priority under the International Convention for the Protection of Industrial Property and all other laws and international agreements, the right to apply for patents in ASSIGNEE's name(s), and all rights to bring suit, collect damages and settle suits for past, present or future intringements thereof, known as

TITLE OF THE INVENTION	CLEANING A STRUCTURE SURFACE IN AN EUV CHAMBER				
	☐ Which is filed i	herewith, or			
	☑ For which a patent application was executed and/or filed for:				
	USA	22.Jan.2019	US	62/795,107	
	Country	Date	Country abbreviation	Application number	

AND the ASSIGNOR(s) hereby authorize(s) and request(s) any government agency, office or official whose duty includes issuing patents or other evidence or forms of intellectual property protection on or for the aforesaid invention(s) and application(s) (including, without limitation, all applications filed in or for China, Europe, Japan, Korea, the Netherlands, United Kingdom, Germany, France, Italy, Taiwan, Singapore and the United States), to issue the same to ASSIGNEE, as the assignee(s) of all rights, title, interests thereto and/or as the applicant(s) therefore;

AND the ASSIGNOR(s) agree(s) that the attorney of record in the aforesaid application(s) shall hereinafter act on behalf of ASSIGNEE:

AND the ASSIGNOR(s) acknowledge(s) that the aforesaid invention(s) was/were made in the framework of a specific relationship to ASSIGNEE and that in this relationship the ASSIGNOR(s) is/are bound to use specific knowledge to create inventions similar to the aforesaid invention(s);

AND the ASSIGNOR(s) acknowledge(s) that the ASSIGNOR(s)'s salary or other remuneration includes fair and reasonable compensation for the assignment hereunder of the subject matter herein assigned;

AND the ASSIGNOR(s) agree(s), without further remuneration, to communicate to ASSIGNEE any facts known to the ASSIGNOR(s) respecting the aforesaid invention(s), and all related patent applications, patents, and other intellectual property protection mentioned above.

US - ASML Inventions Arising at Cymer PATENT 00366-GN01

REEL: 053190 FRAME: 0937

AND the ASSIGNOR(s) agree(s) not to contest or aid in contesting the validity, enforceability or ownership of the aforesaid invention(s) and all related patent applications, patents, and other intellectual property protection mentioned above:

AND the ASSKSNOR(s) represent(s) and warrant(s) to have the full right to convey the subject matter herein assigned, to have obtained the consent, if applicable, of all joint owners and all inventors to the subject matter assigned herein, to have not made and will not make any agreement or license in conflict herewith, and to have not encumbered and will not encumber by any grant, license or right the subject matter herein assigned;

AND the ASSIGNOR(s) has/have not disclose the aforesaid invention(s) to any third party, except with the prior written consent of ASSIGNEE, prior to the date of earliest publication of the aforesaid application(s);

AND the ASSIGNOR(s) hereby authorize(s) any attorneys or other representatives of ASSIGNEE to insert hereon any further identification necessary or desirable for recordation of this document, including without limitation any applicable patent or patent application number:

AND, to the extent there is a conflict between the agreement herein and any previous agreement between ASSIGNEE and any or all of the ASSIGNOR(s), the ASSIGNOR(s) agree(s) that the agreement herein controls and supersedes any such conflicting previous agreement.

AND, where permitted by law, the ASSIGNOR(s) agree(s) that the agreement herein supersedes, modifies and/or supplements the law to the extent the agreement herein provides ASSIGNEE greater rights and protections than available under the law;

AND the ASSIGNOR(s) and ASSIGNEE inevocably waive their rights to rescind the agreement serein, including, without limitation, on the basis of article 6: 258, 265, or 270 of the Dutch Civil Code;

AND the ASSIGNOR(s) agree(s) that the agreement herein shall be exclusively construed under and governed by United States federal law and the laws of Delawere with the exclusion of conflicts of law rules;

AND the ASSIGNOR(s) agree(s) that any dispute arising from or in relation to the agreement herein shall be submitted to the exclusive jurisdiction and venue of a court of competent jurisdiction in the states of Connecticut, Arizona or California in the United States of America, unless ASSIGNEE in its sole discretion prefer(s) to submit such dispute to an arbitration, whereby the arbitral tribunal shall be composed of one arbitrator, the place of arbitration shall be states of Connecticut, Arizona or California, and the arbitral procedure shall be conducted in the English language;

AND the ASSIGNOR(s) and ASSIGNES agree that if any provision of the agreement herein is deemed to be unenforceable, void, illegal or invalid, it shall be modified so as to make it valid and enforceable, and as so modified the agreement herein shall remain in full force and effect.

		ASSIGNOR(S)	DATE SIGNED
e glenació Janho i Pr Lipidada Janho i Pri	1): Name:	Junguery Xic	<u>01/25/201</u> 9 Date
7 (2 28)	2):		North of Took & Macontopolises
	Name:	Jonghoon BAEKy	Date
	3):	1/70/	4.8/2019
	Name:	John, Tom STEWART IV	Date
	4):	Q25-	3-5-2019
	Name:	Andrew, David LAFORGE	Date

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REEL: 053190 FRAME: 0938

AND the ASSIGNOR(s) agree(s) not to contest or aid in contesting the validity, enforceability or ownership of the aforesaid invention(s) and all related patent applications, patents, and other intellectual property protection mentioned above;

AND the ASSIGNOR(s) represent(s) and warrant(s) to have the full right to convey the subject matter herein assigned, to have obtained the consent, if applicable, of all joint owners and all inventors to the subject matter assigned herein, to have not made and will not make any agreement or license in conflict herewith, and to have not encumbered and will not encumber by any grant, license or right the subject matter herein assigned;

AND the ASSIGNOR(s) has/have not disclosed and will not disclose the aforesaid invention(s) to any third party, except with the prior written consent of ASSIGNEE, prior to the date of earliest publication of the aforesaid application(s):

AND the ASSIGNOR(s) hereby authorize(s) any attorneys or other representatives of ASSIGNEE to insert hereon any further identification necessary or desirable for recordation of this document, including without limitation any applicable patent or patent application number;

AND, to the extent there is a conflict between the agreement herein and any previous agreement between ASSIGNEE and any or all of the ASSIGNOR(s), the ASSIGNOR(s) agree(s) that the agreement herein controls and supersedes any such conflicting previous agreement;

AND, where permitted by law, the ASSIGNOR(s) agree(s) that the agreement herein supersedes, modifies and/or supplements the law to the extent the agreement herein provides ASSIGNEE greater rights and protections than available under the law;

AND the ASSIGNOR(s) and ASSIGNEE irrevocably waive their rights to rescind the agreement herein, including, without limitation, on the basis of article 6: 258, 265, or 270 of the Dutch Civil Code;

AND the ASSIGNOR(s) agree(s) that the agreement herein shall be exclusively construed under and governed by United States federal law and the laws of Delaware with the exclusion of conflicts of law rules;

AND the ASSIGNOR(s) agree(s) that any dispute arising from or in relation to the agreement herein shall be submitted to the exclusive jurisdiction and venue of a court of competent jurisdiction in the states of Connecticut, Arizona or California in the United States of America, unless ASSIGNEE in its sole discretion prefer(s) to submit such dispute to an arbitration, whereby the arbitral tribunal shall be composed of one arbitrator, the place of arbitration shall be states of Connecticut, Arizona or California, and the arbitral procedure shall be conducted in the English language;

AND the ASSIGNOR(s) and ASSIGNEE agree that if any provision of the agreement herein is deemed to be unenforceable, void, illegal or invalid, it shall be modified so as to make it valid and enforceable, and as so modified the agreement herein shall remain in full force and effect.

· · · · · · · · · · · · · · · · · · ·	ASSIGNOR(S)	DATE SIGNED
1):		
Name:	Chunguang XIA	Date
2):		5/30/19
Name:	Jonghoon BAEK	Date
3):		
Name:	John, Tom STEWART IV	Date
4):		
Name:	Andrew, David LAFORGE	Date

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De la comercia Sen Tanggara esta Biologia in error Frigue, il es	Name:	DAMZ VÁN HEÚNSBERGEN	0/4/4019 Date
ga vistop ja ktaris	6):	1/1/4/	2/10/19
Mark Mark (1997) State of the State of the S	Name:	David, Robert EVANS	Date /
	7): (2)		3/6/19
a a war a san	Name:	Nina, Vladimirovna DZIOMKINA	Date
. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	8):		3/5/19
. *	Name:	Yue MA	Date
		ASSIGNEE	DATE SIGNED
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,	Company:	ASML Netherlands B.V.	Date
	Signor: Name:	Antonius J.M. van Hoef Senior Vice President and Chief IP Counsel	26773333

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