505470525 05/10/2019

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5517328

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
DAAN DANIEL JOHANNES ANTONIUS VAN SOMMEREN	01/25/2016
COEN HUBERTUS MATHEUS BALTIS	01/28/2016
HAROLD SEBASTIAAN BUDDENBERG	02/19/2016
GIOVANNI LUCA GATTOBIGIO	01/25/2016
JOHANNES CORNELIS PAULUS MELMAN	01/25/2016
GÜNES NAKIBOGLU	01/27/2016
THEODORUS WILHELMUS POLET	01/25/2016
WALTER THEODORUS MATHEUS STALS	02/01/2016
YURI JOHANNES GABRIËL VAN DE VIJVER	01/28/2016
JOSEPHUS PETER VAN LIESHOUT	02/01/2016
JORGE ALBERTO VIEYRA SALAS	02/01/2016
ALEKSANDAR NIKOLOV ZDRAVKOV	01/25/2016

## **RECEIVING PARTY DATA**

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

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16407878

## **CORRESPONDENCE DATA**

(703)770-7901 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: 703-770-7900

Email: cathy.fitzgerald@pillsburylaw.com

PILLSBURY WINTHROP SHAW PITTMAN, LLP **Correspondent Name:** 

Address Line 1: PO BOX 10500

Address Line 4: MCLEAN, VIRGINIA 22102

**REEL: 049140 FRAME: 0868** 505470525

PATENT

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CATHY M. FITZGERALD									
/Cathy M. FitzGerald/									
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PATENT REEL: 049140 FRAME: 0869

#### **ASSIGNMENT**

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

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# ASSIGNOR(S)

(1)	Daan, Daniel, Johannes, Antonius VAN	(2)	Coen, Hubertus, Matheus BALTIS
	SOMMEREN		
(3)	Harold, Sebastiaan BUDDENBERG	(4)	Giovanni, Luca GATTOBIGIO
(5)	Johannes, Cornelis, Paulus MELMAN	(6)	Günes NAKIBOGLU
(7)	Theodorus, Wilhelmus POLET	(8)	Walter, Theodorus, Matheus STALS
(9)	Yuri, Johannes, Gabriël AN DE VIJVER	(10)	Josephus, Peter VAN LIESHOUT
(11)	Jorge, Alberto VIEYRA SALAS	(12)	Aleksandar, Nikolov ZDRAVKOV

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.	ν.
P.O. Box 324	
5500 AH Veldhoven	

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 law 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 of recovery for past, present or future infringement thereof, known as

# TITLE OF THE INVENTION

A Substrate Table, A Lithographic Apparatus And A Method Of Operating A Lithographic Apparatus

for which a patent application was executed and/or filed for:

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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, and to testify in any legal proceeding, sign any lawful papers, execute any applications, make any rightful oaths or declarations, and generally provide all assistance, cooperation and information reasonably necessary for ASSIGNEE to perfect title in, prepare, complete, prosecute, obtain, maintain, preserve, enforce and/or defend the aforesaid invention(s) and all related patent applications, patents and other intellectual property protection mentioned above, and grant(s) ASSIGNEE a perpetual and irrevocable power of attorney to execute and sign in the name(s) and on behalf of the ASSIGNOR(s) any documents of any nature in pursuit of the aforesaid;

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;

#### 2015P00198-GN

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: 285, 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 the laws of the Netherlands 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 the competent court in 's-Hertogenbosch, the Netherlands, 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 within the Netherlands, 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)	Wannere-	25-01-16
Name:	Daan, Daniel, Johannes, Antonius VAN SOMMEREN	Date
2):		
Name:	Coen, Hubertus, Matheus BALTIS	Date
3):		
Name:	Harold, Sebastiaan BUDDENBERG	Date
4);		
Name:	Giovanni, Luca GATTOBIGIO	Date
5):		
Name:	Johannes, Cornelis, Paulus MELMAN	Date
6):	MOO	27-4-16
Name:	Günes NAKIBOGLU	Date
7):		
Name:	Theodorus, Wilhelmus POLET	Date

PATENT REEL: 049140 FRAME: 0871

#### 2015P00198-GN

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);

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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
Daan, Daniel, Johannes, Antonius VAN SOMMEREN	Date
~ /4-	
2000	_ 28-1-2016
Coen, Hubertus, Matheus BALTIS	Date
Harold, Sebastiaan BUDDENBERG	Date
Giovanni, Luca GATTOBIGIO	Date
Johannes, Cornelis, Paulus MELMAN	Date
Günes NAKIBOGLU	Date
Theodorus, Wilhelmus POLET	Date
	Daan, Daniel, Johannes, Antonius VAN SOMMEREN  Coen, Hubertus, Matheus BALTIS  Harold, Sebastiaan BUDDENBERG  Glovanni, Luca GATTOBIGIO  Johannes, Cornelis, Paulus MELMAN

PATENT REEL: 049140 FRAME: 0872 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;

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	ASSIGNOR(S)	DATE SIGNED
1):		
Name:	Daan, Daniel, Johannes, Antonius VAN SOMMEREN	Date
2):		
Name:	Coen, Hubertus, Matheus BALTIS	Date
3):		19/2/2016
Name:	Harold, Sepastjaan BÜDDENBERG	Date
4):		
Name:	Giovanni, Luca GATTOBIGIO	Date
5):		
Name:	Johannes, Cornelis, Paulus MELMAN	Date
6):		
Name:	Günes NAKIBOGLU	Date
7):		
Name:	Theodorus, Wilhelmus POLET	Date

NL

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1):		
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2):		
Name:	Coen, Hubertus, Matheus BALTIS	Date
3):		
Name:	Harold, Sebastiaan BUDDENBERG	Date
4): <	+364457862	25/01/2016 Date
Name:	Giovanni, Lúca GAT OBIGIO	7 Date
5);		25-1-16
Name: 5	Johannes, Cornelis, Paulus MELMAN	Date
6):		
Name:	Günes NAKIBOGLU	Date
7):	Th. Des	25-jan-20t
Name:	Theodorus, Wilhelmus POLET	Date

8):		Februari 15t, 2016
Name:	Walter, Theodorus, Matheus STALS	Date
9);		
Name:	Yuri, Johannes, Gabriël AN DE VIJVER	Date
10):	Land of the second	<u> </u>
Name:	Josephus, Peter VAN LIESHOUT	Date Date
11):		Feb/01/2016
Name:	Jorge, Alberto WEYRA SALAS	Date
12):		
Name:	Aleksandar, Nikolov ZDRAVKOV	Date Date

	ASSIGNEE	DATE SIGNED
Company:	ASML Netherlands B.V.	Date
Signor	Antonius J.M. van Hoef	
Name:	Vice President and Chief IP Counsel	

8):			
Name:	Walter, Theodorus, Matheus STALS	Date	-
9):	4. K. vam de Vjern	28-1-26	16
Name:	Yuri, Johannes, Gabriël VAN DE VIJVER	Date	:
10):			
Name:	Josephus, Peter VAN LIESHOUT	Date	
11);			14. 1 4 34. 1
Name:	Jorge, Alberto VIEYRA SALAS	Date	
12):			<del> </del>
Name:	Aleksandar, Nikolov ZDRAVKOV	Date	

	ASSIGNEE	DATE SIGNED
Company: Signor	ASML Netherlands B.V. Antonius J.M. van Hoef	Date
Name:	Vice President and Chief IP Counsel	

2015P00198-GN

8):		
Name:	Walter, Theodorus, Matheus STALS	Date
9):		
Name:	Yuri, Johannes, Gabriël AN DE VIJVER	Date
10):		
Name:	Josephus, Peter VAN LIESHOUT	Date
11):		
Name:	Jorge, Alberto VIEYRA SALAS	Date
12);	(la)	25-01-2016
Name:	Aleksandar, Nikofov ZDRAVKOV	Date
	ASSIGNEE /	DATE SIGNED
	MAL-	23 FEB 16
Company:	ASML Netherlands B.V.	Date
Signor Name:	Antonius J.M. van Hoef Vice President and Chief IP Counsel	