

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4555299

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
FRITS VAN DER MEULEN	12/04/2015
JORGE MANUEL AZEREDO LIMA	12/11/2015
DERK SERVATIUS GERTRUDA BROUNS	12/11/2015
MARC BRUIJN	01/18/2016
ANGELO CESAR PETER DE KLERK	12/07/2015
JEROEN DEKKERS	12/07/2015
JACOBUS MARIA DINGS	12/09/2015
MAARTEN MATHIJS MARINUS JANSEN	12/04/2015
MAURICE LEONARDUS JOHANNES JANSSEN	12/09/2015
PAUL JANSSEN	12/08/2015
ROLAND JACOBUS JOHANNES KERSTENS	12/09/2015
MARTINUS JOZEF MARIA KESTER	12/07/2015
RONALD HARM GUNTHER KRAMER	12/04/2015
MATTHIAS KRUIZINGA	12/04/2015
ROBERT GABRIËL MARIA LANSBERGEN	12/04/2015
MARTINUS HENDRIKUS ANTONIUS LEENDERS	12/14/2015
ERIK ROELOF LOOPSTRA	12/15/2015
MICHEL LOOS	12/19/2015
GEERT MIDDEL	12/09/2015
SILVESTER MATHEUS REIJNDERS	12/07/2015
FRANK JOHANNES CHRISTIAAN THEUERZEIT	12/09/2015
GERRIT VAN DEN BOSCH	12/07/2015
ANNE JOHANNES WILHELMUS VAN LIEVENOOGEN	12/09/2015
JÉRÔME FRANÇOIS SYLVAIN VIRGILE VAN LOO	12/07/2015
BEATRIJS LOUISE MARIE-JOSEPH KATRIEN VERBRUGGE	12/07/2015

RECEIVING PARTY DATA

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

PATENT

Postal Code:

5500 AH

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15526639

CORRESPONDENCE DATA**Fax Number:** (202)371-2540

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: 202 371 2600**Email:** donf@skgf.com, ltillman@skgf.com**Correspondent Name:** STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C**Address Line 1:** 1100 NEW YORK AVENUE, N.W.**Address Line 4:** WASHINGTON, D.C. 20005**ATTORNEY DOCKET NUMBER:** 2857.4380007**NAME OF SUBMITTER:** DONALD J. FEATHERSTONE**SIGNATURE:** /Donald J. Featherstone, 33,876/**DATE SIGNED:** 08/17/2017**Total Attachments: 11**

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ASSIGNMENT

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

NAME(S) OF ASSIGNOR(S)	(1)	Frits VAN DER MEULEN	(2)	Jorge, Manuel AZEREDO LIMA
	(3)	Derk, Servatius, Gertruda BROUNS	(4)	Marc BRUIJN
	(5)	Angelo, Cesar, Peter DE KLERK	(6)	Jeroen DEKKERS
	(7)	Jacobus, Maria DINGS	(8)	Maarten, Mathijs, Marinus JANSEN
	(9)	Maurice, Leonardus, Johannes JANSSEN	(10)	Paul JANSSEN
	(11)	Roland, Jacobus, Johannes KERSTENS	(12)	Martinus, Jozef, Maria KESTER
	(13)	Ronald, Harm, Gunther KRAMER	(14)	Matthias KRUIZINGA
	(15)	Robert, Gabriel, Maria LANSBERGEN	(16)	Martinus, Hendrikus, Antonius LEENDERS
	(17)	Erik, Roelof LOOPSTRA	(18)	Michel LOOS
	(19)	Geert MIDDEL	(20)	Silvester, Matheus REIJNDERS
	(21)	Frank, Johannes, Christiaan THEUERZEIT	(22)	Gerrit VAN DEN BOSCH
	(23)	Anne, Johannes, Wilhelmus VAN LIEVENOOGEN	(24)	Jérôme, François, Sylvain, Virgile VAN LOO
	(25)	Beatrijs, Louise, Marie-Joseph, Katrien VERBRUGGE		

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 Veldhoven
	The Netherlands

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

APPARATUS

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

WIPO	November 16, 2015	WO	PCT/EP2015/076688
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, 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;

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;

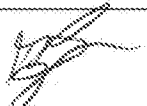
AND the ASSIGNOR(s) and ASSIGNEE irrevocably waive their rights to rescind the agreement herein, including, without limitation, on the basis of article 6: 285, 265, or 270 of the Dutch Civil Code;

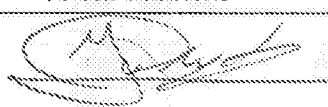
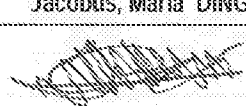
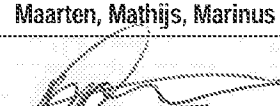
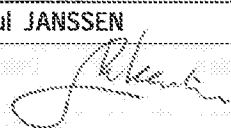
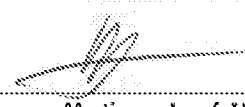
AND the ASSIGNOR(s) agree(s) that the agreement herein shall be exclusively construed under and governed by the laws of the Netherlands with the exclusion of conflicts of law rules;

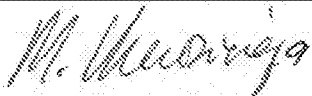
AND the ASSIGNOR(s) agree(s) that any dispute arising from or in relation to the agreement herein shall be submitted to the exclusive jurisdiction and venue of the competent court in 's-Hertogenbosch, the Netherlands, unless ASSIGNEE in its sole discretion prefer(s) to submit such dispute to an arbitration, 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.

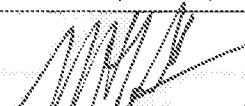
ASSIGNOR(S)	DATE SIGNED
1) 	<u>04-12-2015</u>
Name: <u>Frits VAN DER MEULEN</u>	Date
2) 	<u>11-12-2015</u>
Name: <u>Jorge, Manuel AZEREDO LIMA</u>	Date
3) 	<u>11-12-2015</u>
Name: <u>Derk, Servatius, Gertruda BROUNS</u>	Date

4):		18/1/2016
Name:	Marc BRUIJN	Date
5):		
Name:	Angelo, Cesar, Peter DE KLERK	Date
6):		
Name:	Jeroen DEKKERS	Date
7):		
Name:	Jacobus, Maria DINGS	Date
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Name:	Maarten, Mathijs, Marinus JANSEN	Date
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Name:	Maurice, Leonardus, Johannes JANSSEN	Date
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Name:	Roland, Jacobus, Johannes KERSTENS	Date
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Name:	Martinus, Jozef, Maria KESTERS	Date
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Name:	Ronald, Harm, Gunther KRAMER	Date
14):		
Name:	Matthias KRUIZINGA	Date

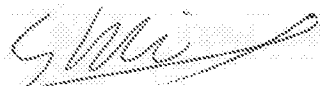
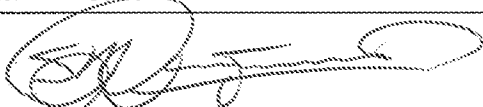
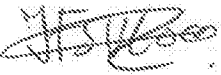
4):		
Name:	Marc BRUIJN	Date
5):		07-12-2015
Name:	Angelo, Cesar, Peter DE KLERK	Date
6):		07-12-2015
Name:	Jeroen DEKKERS	Date
7):		9-12-2015
Name:	Jacobus, Maria DINGS	Date
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Name:	Maarten, Mathijs, Marinus JANSEN	Date
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Name:	Maurice, Leonardus, Johannes JANSSEN	Date
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Name:	Maarten, Mathijs, Marinus JANSEN	Date
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Name:	Maurice, Leonardus, Johannes JANSSEN	Date
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Name:	Ronald, Harm, Gunther KRAMER	Date
14):		14-12-2015
Name:	Matthias KRUIZINGA	Date

15):		04-12-2015
Name:	Robert, Gabriel, Maria LANSBERGEN	Date
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Name:	Martinus, Hendrikus, Antonius LEENDERS	Date
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Name:	Jérôme, François, Sylvain, Virgile VAN LOO	Date

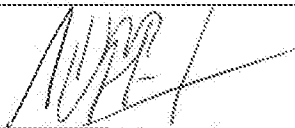
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Name:	Robert, Gabriël, Maria LANSBERGEN	Date
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Name:	Michel LOOS	Date
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Name:	Michel LOOS	Date
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Name:	Geert MIDDEL	Date 9-12-2015
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Name:	Silvester, Matheus REIJNDERS	Date 7-12-2015
21):		
Name:	Frank, Johannes, Christiaan THEUERZEIT	Date 7/12/15
22):		
Name:	Gerrit VAN DEN BOSCH	Date
23):		9/12/2015
Name:	Anne, Johannes, Wilhelmus VAN LIEVENOOGEN	Date
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Name:	Jérôme, François, Sylvain, Virgile VAN LOO	Date 9-12-2015

15):		
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Name:	Frank, Johannes, Christiaan THEUERZEIT	Date
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Name:	Gerrit VAN DEN BOSCH	Date
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Name:	Anne, Johannes, Wilhelmus VAN LIEVENOOGEN	Date
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Name:	Jérôme, François, Sylvain, Virgile VAN LOO	Date

25):		07/12/2015
Name:	Beatrisa, Louise, Marie-Joseph, Katrien VERBRUGGE	Date

	ASSIGNEE	DATE SIGNED
		20 JAN 16
Company:	ASML Netherlands B.V.	Date
Signor	Antonius J.M. van Hoef	
Name:	Vice President and Chief IP Counsel	