504856593 04/06/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4903332

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOERI LOF	10/30/2008
HANS BUTLER	10/28/2008
SJOERD NICOLAAS LAMBERTUS DONDERS	11/04/2008
ALEKSEY YURIEVICH KOLESNYCHENKO	10/27/2008
ERIK ROELOF LOOPSTRA	11/03/2008
HENDRICUS JOHANNES MARIA MEIJER	10/28/2008
JEROEN JOHANNES SOPHIA MARIA MERTENS	10/27/2008
JOHANNES CATHARINUS HUBERTUS MULKENS	10/28/2008
ROELOF RITSEMA	10/27/2008
FRANK VAN SCHAIK	01/22/2009
TIMOTHEUS FRANCISCUS SENGERS	10/27/2008
KLAUS SIMON	10/27/2008
JOANNES THEODOOR DE SMIT	10/24/2008
ALEXANDER STRAAIJER	01/08/2009
HELMAR VAN SANTEN	11/03/2008

RECEIVING PARTY DATA

Name:	ASML Netherlands B.V.
Street Address:	De Run 6501
City:	Veldhoven
State/Country:	NETHERLANDS
Postal Code:	NL-5504 DR

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15653435

CORRESPONDENCE DATA

Fax Number: (703)770-7901

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: 7037707900

Email: monet.noel@pillsburylaw.com, Docket_IP@pillsburylaw.com

Correspondent Name: PILLSBURY WINTHROP SHAW PITTMAN, LLP

Address Line 1: P.O. BOX 10500

Address Line 4: MCLEAN, VIRGINIA 22102

ATTORNEY DOCKET NUMBER:	081468-0453547
NAME OF SUBMITTER:	CHRISTOPHE F. LAIR
SIGNATURE:	/Christophe F. Lair/
DATE SIGNED:	04/06/2018

Total Attachments: 12

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ASSIGNMENT

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

NAME(S) OF ASSIGNOR(S)

	(1)	Joeri LOF	(2)	Hans BUTLER
)	(3)	Sjoerd, Nicolaas, Lambertus DONDERS	(4)	Aleksey, Yurievich KOLESNYCHENKO
	(5)	Erik, Roelof LOOPSTRA	(6)	Hendricus, Johannes, Maria MEIJER
	(7)	Jeroen, Johannes, Sophia, Maria MERTENS	(8)	Johannes, Catharinus, Hubertus MULKENS
	(9)	Roelof RITSEMA	(10)	Frank VAN SCHAIK
	11)	Timotheus, Franciscus SENGERS	(12)	Klaus SIMON
	13)	Joannes, Theodoor DE SMIT	(14)	Alexander STRAAIJER
	15)	Helmar VAN SANTEN		

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

INSERT NAME OF ASSIGNEE and ADDRESS ASML Netherlands B.V.

De Run 6501

NL-5604 DR 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 (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) therefor, 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	i Litticatathic Abbalatus and Davido Manufacturina Matiba			
	for which a patent app	lication was executed and/or file	d for;	
	USA	November 12, 2003	US	11/710,408

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) therefor;

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 aforesald 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 aforesald 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 aforesald;

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 malter herein assigned, to have

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:

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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.

1)	ASSIGNOR(S)	DATE SIGNED WITNESSES
Name:	Joeri LOF	
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Name:	Hans BUTLER	Annual control of the
3)		
Name:	Sjoerd, Nicolaas, Lambertus DONDERS	
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Name:	Aleksey, Yurievich KOLESNYCHENKO	r
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Name:	Roelof RITSEMA	patricular de la constant de la cons

	ASSIGNOR(S)	DATE SIGNED	WITNESSES ,
10) Name:	Frank VAN SCHAIK	27-1-69	Lulaj
11): Name:	Timotheus, Franciscus SENGERS		
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15) Name:	Helmar VAN SANTEN	Noted that the Public Residence of the Resident Advances are not the Public Residence of the Residence of th	COSTO 270/2010 SPACEMENT COMMANDE TO THE STATE OF THE STA
	ASSIGNEE MM	DATE SIGNED	WITNESSES
Company: Signor Name:	ASML Netherlands B.V. Antonius J.M. van Hoef Vice President and Chief IR Councel	est tradem Albird Laboration	W Wall

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Name:	Hans BUTLER		
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4)	ASSIGNOR(S)	DATE SIGNED	WITNESSES
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Name;	Hans BUTLER		
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45	ASSIGNOR(S)	DATE SIGNED	WITNESSES
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Name:	Hans BUTLER	Original house majoring angel 6 pila anahand manga ant langs 6,6 pila dalag	handle and the state of the sta
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Name;	Johannes, Catharinus, Hubertus MULKENS		
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	ASSIGNOR(8)	DATE SIGNED	WITNESSES
10) Name: 11);	Frank VAN SCHAIK	<u>77-102008</u>	- Cool
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15) Name:	Helmar VAN SANTEN	Market and the part the part of the part of the state of	W-1-V-Andrew State Constitution of the State
	ASSIGNEE	DATE SIGNED	WITNESSES ·
Company: Signor Name:	ASML Netherlands B.V. Antonius J.M. van Hoef Vice President and Chief IP Counsel	are prove closed and delegation of the control of t	

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10) Name:	Frank VAN SCHAIK	Management of the Control of the Con	,
11); Name;	Timotheus, Franciscus SENGERS	and the second s	
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	ASSIGNOR(S)	DATE SIGNED	WITNESSES	P-1582,012-GN
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