# 504958747 06/13/2018

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5005494

SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT			
	ΑΤΑ				
		Name	Execution Date		
MARTINUS CORNELIS	REIJNEN		08/19/2016		
RONALD FRANCISCUS	HERMAN	HUGERS	08/19/2016		
PAULUS ANTONIUS AN	IDREAS TE	UNISSEN	08/22/2016		
RECEIVING PARTY DA	TA				
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City:	VELDHO	/EN			
State/Country:	NETHERL	ANDS			
Postal Code:	5500 AH				
PROPERTY NUMBERS Property Type	Total: 1	Number	1		
Application Number:	16	061947	-		
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NAME OF SUBMITTER:		BARBIE BEAVERS	BARBIE BEAVERS		
SIGNATURE:		/barbie beavers/	/barbie beavers/		
DATE SIGNED:		06/13/2018			
Total Attachments: 3					
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For Administrative Purposes			
Assignee's Internal reference:	2015P00207-GN01	nan manana ya na manana ani kata kata ya na ya na kata na manana manana manana manana manana manana kata kata m	
Counterpart or related patent application of, or	Country, filing date & application number:	Initials of administrator and date:	
for, the assigned subject matter below:			
	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		

#### ASSIGNMENT

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

NAME(S) OF (1)	Martinus, Cornelis REIJNEN	(2)	Ronald, Franciscus, Herman HUGERS
ASSIGNOR(S) (3)	Paulus, Antonius, Andreas TEUNISSEN		
the receipt and sufficiency of which are acknowledged by the ASSIGNOR(s), the ASSIGNOR(s) hereby sell(s), assign(s) and transfer(s) unto:			
	ASML Netherlands B.V.		м такий радовати на фалбански февения и поставая в возгода в долго до боло на постории постории на постории и
NAME OF	P.O. Box 324		
ASSIGNEE and	5500 AH Veldhoven		
ADDRESS	The Netherlands	*****	

and its or their successors, assigns and legal representatives (together and individually hereinatter "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(a), 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 relissue applications), patents (including without limitation extensions, relesses 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 Propenty and all other taws 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 infringements thereol, known as

TITLE OF THE INVENTION TOPOGRAPHY MEASUREMENT SYSTEM				
for which a patent application was executed and/or flied for:				
	USA	August 16, 2016	US	62/375,774
	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, Talwan, 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 aforesald application(s) shall hereinafter act on behall 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 satary 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 patient applications, patients, 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 patient applications, patients 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(a) not to contest or ald in contesting the validity, enforceability or ownership of the aforesald 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

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## PATENT REEL: 046077 FRAME: 0831

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 parmitted 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 lights and protections than available under the law;

AND the ASSIGNOR(s) and ASSIGNEE Insecoably 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 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);	11/2	19-8-2016
Name:	Martinus, Cornelis REIJNEN	Date
2):		
Name:	Ronald, Franciscus, Herman HUGERS	Date
3):		
Name:	Paulus, Antonius, Andreas TEUNISSEN	Date
	ASSIGNEE	DATE SIGNED
Company:	ASML Netherlands B.V.	
Signor Name:	Antonius J.M. van Hoef Vice President and Chief IP Counsel	

2015P00207-GN01

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

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 the laws of the Netherlands with the exclusion of conflicts of law rules;

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		DATE SIGNED
annan 1);		
Name:	Martinus, Cornelis REIJNEN	
2):	Restaulting to	19-AUG-2016
Name:	Ronald, Franciscus, Herman HUGERS	Date
3):	e Ruff	22-AUG-204
Name:	Paulus, Antonius, Andreas TEUNISSEN	Date museumor; canadamanaparanananaparanananananananananananan
	ASSIGNEE	DATE SIGNED
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Company:	ASML Netherlands B.V.	Dale
Signor Name:	Antonius J.M. van Hoef Vice President and Chief IP Counsel	

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## PATENT REEL: 046077 FRAME: 0833

**RECORDED: 06/13/2018**