

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
TNO	09/14/2010
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ASML Netherlands B.V.
<b>Street Address:</b>	De Run 6501
<b>City:</b>	Veldhoven
<b>State/Country:</b>	NETHERLANDS
<b>Postal Code:</b>	NL-5504 DR
<b>PROPERTY NUMBERS Total: 2</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	12741733
Application Number:	60996279
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(703)770-7901
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Email:</b>	diane.powers@pillsburylaw.com
<b>Correspondent Name:</b>	PILLSBURY WINTHROP SHAW PITTMAN, LLP
<b>Address Line 1:</b>	P.O. BOX 10500
<b>Address Line 4:</b>	MCLEAN, VIRGINIA 22102
<b>ATTORNEY DOCKET NUMBER:</b>	081468.0386647
<b>NAME OF SUBMITTER:</b>	Jean-Paul G. Hoffman
<b>Total Attachments: 2</b> source=AssignmentFromTNO#page1.tif source=AssignmentFromTNO#page2.tif	

CH \$80.00 12741733

**ASSIGNMENT**

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

TNO  
Schoemakerstraat 97  
NL-2628 VK Delft  
The Netherlands

the receipt and sufficiency of which are acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers unto:

ASML Netherlands B.V.  
De Run 6501  
NL-5504 DR Veldhoven  
The Netherlands

its or their successors, assigns and legal representatives (together and individually hereinafter "ASSIGNEE") the entire 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, and rights of recovery for past, present or future infringement thereof, known as

**TITLE OF THE INVENTION**

LITHOGRAPHIC APPARATUS AND METHOD

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

U.S.A.	May 6, 2010	US	12/741,733
<b>Country</b>	<b>Date</b>	<b>Country abbreviation</b>	<b>Application number</b>

such that the entire, exclusive and undivided right, title and interest to the foregoing is held by ASSIGNEE;

AND the ASSIGNOR hereby authorizes and requests 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 of all rights, title, and interests thereto and/or as the applicants therefor;

AND the ASSIGNOR agrees that the attorney of record in the aforesaid application(s) may hereinafter act on behalf of ASSIGNEE;

AND the ASSIGNOR hereby authorizes 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;

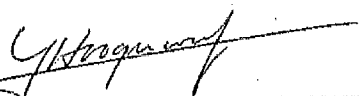
AND the ASSIGNOR agrees that the agreement herein shall be exclusively construed under and governed by the laws of the Netherlands with the exclusion of conflicts of law rules;

AND the ASSIGNOR agrees 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 or ASSIGNOR prefers to submit such dispute to an arbitration within the Netherlands;

AND the ASSIGNOR 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**

**DATE SIGNED**

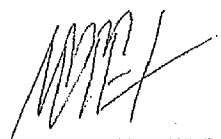


14 September 2010

Company: TNO  
Signor: Johannes Hoogerwerf  
Name: Director Patents & Licensing TNO

**ASSIGNEE**

**DATE SIGNED**



23 SEP 10

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

## ASSIGNMENT

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De Run 6501  
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The Netherlands

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## TITLE OF THE INVENTION

LITHOGRAPHIC APPARATUS AND METHOD

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

Country	Date	Country abbreviation	Application number
U.S.A.	November 8, 2007	US	60/996,279

such that the entire, exclusive and undivided right, title and interest to the foregoing is held by ASSIGNEE;

AND the ASSIGNOR hereby authorizes and requests 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 of all rights, title, and interests thereto and/or as the applicants therefor;

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AND the ASSIGNOR hereby authorizes 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


DATE SIGNED

  
\_\_\_\_\_  
Company: TNO  
Signor: Johannes Hoogerwerf  
Name: Director Patents & Licensing TNO

14 September 2010

ASSIGNEE

DATE SIGNED

  
\_\_\_\_\_  
Company: ASML Netherlands B.V.  
Signor: Antonius J.M. van Hoef  
Name: Vice President and Chief IP Counsel

23 SEP 10

PATENT

RECORDED: 02/11/2011

REEL: 025792 FRAME: 0957