

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ASML Netherlands B.V.	03/23/2012
RECEIVING PARTY DATA	
Name:	Carl Zeiss SMT GmbH
Street Address:	Rudolf-Eber-Strasse 2
City:	Oberkochen
State/Country:	GERMANY
Postal Code:	73447
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13197065
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	21070-0066001
NAME OF SUBMITTER:	Alissa Tizzano
Total Attachments: 2 source=ASML_CZGmbH#page1.tif source=ASML_CZGmbH#page2.tif	

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## Assignment

Whereas, I/We, ASML Netherlands B.V., having a place of business at De Run 6501, 5504 DR Veldhoven, Netherlands, hereinafter called assignor, is/will become the assignee of record of the entire right, title and interest in an application for Letters Patent of the United States entitled

imaging optical system and projection exposure installation for microlithography with an imaging optical system of this type

and of the invention disclosed therein; and

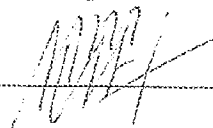
Whereas, Carl Zeiss SMT GmbH, having a place of business at Rudolf-Eber-Strasse 2, 73447 Oberkochen, Germany, hereinafter called assignee, desires to acquire the entire right, title, and interest in the application and the invention disclosed therein, and to any United States patents to be obtained therefor;

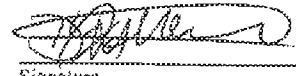
Therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor, hereby state as follows:

To the extent that my/our entire right, title and interest in the application and the invention disclosed therein have not transferred to the assignee by virtue of applicable law and/or contract, I/we hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire/remaining, present/expectant right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisionals and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, including the right to claim priority under 35 U.S.C. §119, and for all countries foreign thereto, including rights of priority under applicable conventions and treaties; and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we hereby agree that the assignee may apply for foreign Letters Patent on the invention; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee.

I/We hereby authorize and request the attorneys of Fish & Richardson Attn.: Sean Daley One Marina Park Drive Boston, Massachusetts 02210 U S A to insert here in parentheses (Application number 13/197065, filed 3 August 2011 and Confirmation number \_\_\_\_\_) the application number and filing date of said application when known.

  
Signature(s) \_\_\_\_\_ Date 23 March 2012  
Antonius J.M. van Hoef  
\_\_\_\_\_  
Typed or printed name(s)  
Vice President and Chief IP Counsel  
\_\_\_\_\_  
Title of person(s) signing  
ASML Netherlands B.V.  
\_\_\_\_\_  
Assignor name

Witnessed by:   
Signature \_\_\_\_\_ Date 23 March 2012  
Dian van den Akker  
\_\_\_\_\_  
Typed or printed name

Witnessed by:  
Signature \_\_\_\_\_ Date \_\_\_\_\_  
\_\_\_\_\_  
Typed or printed name

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)