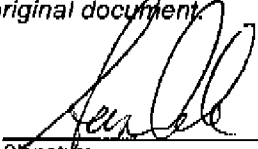
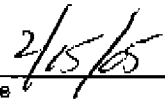


Substitute Form PTO-1595  
Attorney Docket No.: 18239-004001  
Client's Ref. No.: 9486.0

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3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other:  Execution Date: 01/25/05; 01/27/05; 01/24/05			
4. Application number(s) or patent number(s): If this document is being filed with a new application, the execution date of the application is: A. Patent Application No(s): <b>10/994,141</b> B. Patent No(s):  Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
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Sean P. Daley Reg. No. 40,978 Name of Person Signing		 Signature	 Date
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_____	_____	_____
Date of Transmission	Signature	Typed Name of Person Signing Certificate

Patricia Smith  
**PATENT**

9486.0

**ASSIGNMENT**

For valuable consideration, we,

**Damian FOLKA, D-73447 Oberkochen, DE**

**Axel SCHOLZ, D-73434 Aalen, DE**

**Manfred MAUL, D-73434 Aalen, DE**

hereby assign to:

**Carl Zeiss SMT AG**, a corporation of Germany having a place of business at: Carl-Zeiss-Str. 22, D-73447 Oberkochen, DE; and its successors and assign (collectively hereinafter called "the Assignee") the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us entitled

**ILLUMINATION SYSTEM AND POLARIZER FOR A**

**MICROLITHOGRAPHIC PROJECTION EXPOSURE APPARATUS**

filed November 19, 2004, and assigned U.S. Serial Number 10/994,141, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

**PATENT**

Date: 25. Jan. 2005 Damian Fiolka

Damian Fiolka

Date: 27. Jan. 2005 [Signature]

Axel Scholz

Date: 24. Jan. 2005 [Signature]

Manfred Maul