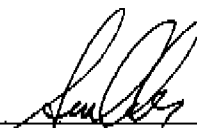


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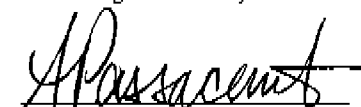
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1. Name of conveying party(ies): Alexander Kohl Additional name(s) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): Carl Zeiss SMT AG Rudolf-Eber-Strasse 2 73447 Oberkochen Germany Additional names/addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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: 1/30/2007	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).: 11/777,845 B. Patent No(s).: Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5. Name/address of party to whom correspondence concerning document should be mailed: SEAN P. DALEY Fish & Richardson P.C. 225 Franklin Street Boston, MA 02110	6. Total number of applications/patents involved: 1 7. Total fee (37 CFR §3.41): \$40 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to charge Deposit Account. 8. Deposit Account No.: 06-1050 Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.
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9. Statement and Signature: <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i> <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> Sean P. Daley Reg. No. 40,978 Name of Person Signing </div> <div style="width: 30%; text-align: center;">  Signature </div> <div style="width: 30%; text-align: right;"> August 7, 2007 Date </div> </div>	
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ASSIGNMENT

For valuable consideration, I, Dr. Alexander Kohl, hereby assign to CARL ZEISS SMT AG, a corporation of Germany, having a place of business at Rudolf-Eber-Straße 2, 73447 Oberkochen, Germany, and its successors and assigns (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 me, entitled Beleuchtungsoptik für eine Mikrolithografie-Projektionsbelichtungsanlage, Beleuchtungssystem mit einer derartigen Beleuchtungsoptik, Mikrolithografie-Projektionsbelichtungsanlage mit einem derartigen Beleuchtungssystem, mikrolithografisches Herstellungsverfahren für Bauelemente sowie mit diesem Verfahren hergestelltes Bauelement, filed July 14, 2006, and assigned U.S. Serial Number 60/807,367; 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 I authorize the Assignee to apply in all countries in my 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 I agree for myself and I 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.

Alexander Kohl

Dr. Alexander KOHL

Christina Gerstung

WITNESS:

Christina Gerstung
Patentabteilung
73447 OberkochenDate: Jan. 30, 07