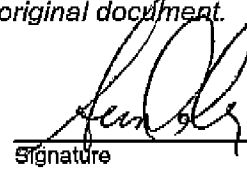


Substitute Form PTO-1595
Attorney Docket No.: 18239-005001
Client's Ref. No.: 9520.5

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ASSIGNMENT

For valuable consideration, we,

Daniel KRAEHMER, Nietzschestr. 33, D-73431 Aalen, DE

Wilhelm ULRICH, Lederackerring 44, 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

**OPTICAL SYSTEM AND METHOD FOR THE PRODUCTION OF
MICROSTRUCTURED COMPONENTS BY MICROLITHOGRAPHY**

filed November 24, 2004, and assigned U.S. Serial Number 10/997,455, 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.

Date: February 25, 2005 Daniel Kraehmer
(Daniel Kraehmer)

Date: 25-Feb-2005 Wilhelm Ulrich
(Wilhelm Ulrich)