

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Manfred Maul	08/03/2007
Damian Fiolka	08/03/2007
RECEIVING PARTY DATA	
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State/Country:	FEDERAL REPUBLIC GERMANY
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12855305
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Total Attachments: 2 source=assign196#page1.tif source=assign196#page2.tif	

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ASSIGNMENT

WHEREAS, we, Manfred Maul, residing at Elchweg 29, 73434 Aalen, Federal Republic of Germany; and Damian Fiolka residing at Heckenrosenweg 36, 73447 Oberkochen, Federal Republic of Germany, have invented certain improvements in:

A FILTER DEVICE FOR THE COMPENSATION OF AN ASYMMETRIC PUPIL
ILLUMINATION

described and claimed in U.S. Patent Application Serial No. 11/722,631, filed June 22, 2007

WHEREAS, Carl Zeiss SMT AG, a corporation organized and existing under the laws of the country of the Federal Republic of Germany, having a place of business at Carl-Zeiss-Strasse 22, 73447 Oberkochen, Federal Republic of Germany, is to acquire the entire right, title and interest in and to said application for Letters Patent;

NOW, THEREFORE, in consideration of the sum of ONE DOLLAR (\$1.00) to us in hand paid, and for other good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we do hereby assign, sell, transfer and set over unto said Carl Zeiss SMT AG, its successors and assigns, the full, entire and exclusive right, title and interest, for the territory of the United States of America, in and to said invention, as described in the application identified above, and in and to said application and any divisions or continuations or continuations-in-part thereof or substitutes therefor which may be filed, and in and to any patents or reissues, renewals or extensions thereof which may be granted on said application; said application and Letters Patent to be held and enjoyed by said Carl Zeiss SMT AG, and its successors or assigns, to the full end of the term or terms for which said Letters Patent may be granted, as fully and entirely as the same would have been held by us had this assignment not been made.

We hereby authorize and request the Patent and Trademark Office officials in the United States of America to issue any and all of said Letters Patent, when granted to said Carl Zeiss SMT AG, as the assignee of our entire right, title and interest in and to the same, for the sole use and enjoyment of said Carl Zeiss SMT AG, its successors and assigns.

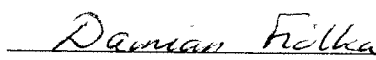
Further, we agree to execute all papers and to give such lawful testimony and to perform such other lawful acts as said Carl Zeiss SMT AG, its successors and assigns may require to enable it or them to procure Letters Patent on said invention or reissues or extensions thereof in

the United States of America, and/or to hold, enforce or convey said Letters Patent, reissues or extensions.

Executed this 3rd day of August, 2007.



Manfred Maul



Damian Fiolka