PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Damian Fiolka	09/08/2006
Markus Deguenther	09/08/2006

RECEIVING PARTY DATA

Name:	Carl Zeiss SMT AG
Street Address:	Rudolf-Eber-Strasse 2
City:	Oberkochen
State/Country:	FEDERAL REPUBLIC GERMANY
Postal Code:	73447

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12201767

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 24548-0010001

NAME OF SUBMITTER:

Alissa Passacantilli

Total Attachments: 2 source=326140#page1.tif source=326140#page2.tif

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PATENT

REEL: 021480 FRAME: 0836

CH \$40.00

Attorney Docket No: 20228-014001/06 184; 05003PWOUS1

ASSIGNMENT

For valuable consideration, we, Damian Fiolka, of 36, Heckenrosenweg, Oberkochen, Germany D-73447; Markus Deguenther, of 20 Langackerweg, Aalen, Germany 73432; hereby assign to CARL ZEISS SMT AG, a corporation of Germany, having a place of business at Carl-Zeiss-Strasse 22, 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 us, entitled POLARIZATION-MODULATING OPTICAL ELEMENT, filed May 25, 2006, and assigned U.S. Serial Number , 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 and 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 REEL: 021480 FRAME: 0837

Domian Fiollea	
DAMIAN FIOLKA	
Witnessed by: Name: Name:	Date: <u>Sepkun Ser 8,2006</u> Date:
ivanc.	Date.
MARKUS DEGUENTHER	
Witnessed by: Name: Clutte	Date: September 8, 2006
Name:	Date:

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PATENT REEL: 021480 FRAME: 0838

RECORDED: 09/04/2008