

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Hubert Holderer	08/31/2004
Andreas Seifert	08/13/2004
Frank Melzer	08/23/2004
Wolfgang Singer	08/09/2004
Markus Weiss	09/06/2004
Heinz Mann	09/06/2004
Andreas Heisler	09/22/2004

RECEIVING PARTY DATA

Name:	Carl Zeiss SMT AG
Street Address:	Carl-Zeiss-Strasse 22
City:	Oberkochen
State/Country:	GERMANY
Postal Code:	D-73447

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	10841846

CORRESPONDENCE DATA

Fax Number: (954)463-2030
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
Phone: 954-468-7879
Email: don.showalter@hklaw.com
Correspondent Name: Donald S. Showalter
Address Line 1: One East Broward Boulevard
Address Line 2: Suite 1300
Address Line 4: Fort Lauderdale, FLORIDA 33301

NAME OF SUBMITTER:

Donald S. Showalter

PATENT

500009239

REEL: 015243 FRAME: 0171

CH \$40.00 10841846

Total Attachments: 3

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ASSIGNMENT

Serial No.

Filed:

In consideration of one Dollar and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned inventor, or each inventor if more than one, hereby assigns to

Carl Zeiss SMT AG, Carl-Zeiss-Strasse 22, D-73447 Oberkochen / Germany

its successors and assigns (hereinafter called "said assignee"), the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled

FACET MIRROR HAVING A NUMBER OF MIRROR FACETS

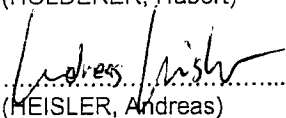
executed by the undersigned on theday of, 2004, and in said application and any and all other applications for United States Letters Patent, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States which may be obtained on any of said applications, and in any reissue or extension thereof.

The undersigned hereby authorizes and requests the Commissioner of Patents to issue said Letters Patent to said assignee.

The undersigned hereby authorizes and requests the attorneys of record in said application to insert in this assignment the date and serial number of said application.

For said consideration, the undersigned hereby agrees, upon the request and at the expense of said assignee, to execute any divisional, continuation or substitute application for said invention or improvements, and any oath, declaration or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application, and, in the event of any application or Letters Patent assigned herein becoming involved in Interference, to cooperate to the best of the ability of the undersigned in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof. The undersigned agrees to perform, upon request, any affirmative acts to obtain said Letters Patent of the United States and vest in said assignee all rights therein, whereby said Letters Patent will be held and enjoyed by said assignee, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

And for said consideration, the undersigned hereby assigns to said assignee the entire right, title and interest in said invention or improvements for all foreign countries, including all priority rights under the International Convention, and agrees to execute, at the request of said assignee, all documents in connection with any application for foreign letters patent therefore.

..... (Date) (HOLDERER, Hubert) (Date) (SEIFERT, Andreas)
Sept. 22, 2004 (Date)	 (HEISLER, Andreas) (Date) (MELZER, Frank)
..... (Date) (SINGER, Wolfgang) (Date) (MANN, Heinz)
..... (Date) (WEISS, Markus)		

STATE OF: Germany
COUNTY OF: Germany

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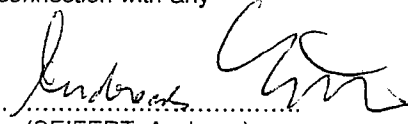
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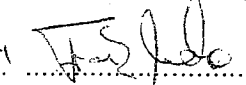
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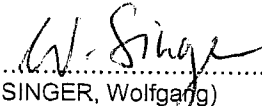
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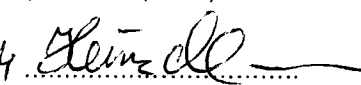
.....
(Date) (HOLDERER, Hubert)

Aug. 13-2004 
(Date) (SEIFERT, Andreas)

.....
(Date) (HEISLER, Andreas)

Aug. 23-2004 
(Date) (MELZER, Frank)

Aug. 09-2004 
(Date) (SINGER, Wolfgang)

Sep. 06-2004 
(Date) (MANN, Heinz)

.....
(Date) (WEISS, Markus)

STATE OF: Germany
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Aug-31-2004
(Date)

[Signature]
(HOLDERER, Hubert)

Aug. 13-2004
(Date) [Signature]
(SEIFERT, Andreas)

.....
(Date)

.....
(HEISLER, Andreas)

Aug 23 -2004
(Date) [Signature]
(MELZER, Frank)

Aug 09-2004
(Date)

[Signature]
(SINGER, Wolfgang)

.....
(Date) (MANN, Heinz)

Sep-6-2004
(Date)

[Signature]
(WEISS, Markus)

STATE OF:
COUNTY OF:

Germany
Germany

PATENT

RECORDED: 10/13/2004

REEL: 015243 FRAME: 0175