



03-12-2003



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Alexander Kohl  
Hubert Hoderer

2. Name and address of receiving party(ies)

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Additional name(s) of conveying party(ies) attached?  Yes  No

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Street Address: Carl-Zeiss-Str 22

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Execution Date: December 13, 2002

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4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No. (s)

10/299,032

B. Patent No. (s)

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5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Jody L. Factor

Factor & Partners, LLC

Internal Address: \_\_\_\_\_

Street Address: 1327 W. Washington Blvd.

Suite 5G/H

City: Chicago State: IL Zip: 60607

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7. Total fee (37 CFR 3.41).....\$ 40.00

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**ASSIGNMENT**

**FACTOR & PARTNERS, L.L.C.**  
1327 W. Washington Boulevard  
Suite 5G/H  
Chicago, Illinois 60607  
(312) 226-1818

FOR VALUE RECEIVED, the receipt of which is hereby acknowledged, the following inventor or inventors (hereinafter called "ASSIGNOR")

Alexander Kohl	Hubert Holderer
Karlsplatz 24	Gräfinstr. 6
D-73433 Aalen	D-89551 Königsbronn
Germany	Germany

hereby assigns, transfers and sets over to:

Carl Zeiss SMT AG  
Carl-Zeiss-Str. 22  
D-73447 Oberkochen  
DE

(hereinafter called "ASSIGNEE"), the entire worldwide right, title and interest in and to the invention known as:

Optical component and method of inducing a desired alteration of an optical property therein

for which a United States Patent Application was executed on: December 13, 2002  
under United States Application Serial No. 10/299,032

and all rights and privileges under any Letters Patent which may be granted thereon, including all rights, if any, throughout the entire world to sue for all past infringements which may have occurred before the execution of this assignment.

(1) The ASSIGNOR(s) agrees without charge to said ASSIGNEE but at its expense (a) to execute (i) all necessary papers to be used in connection with this application and any additional, continuing, or divisional applications, as the ASSIGNEE may deem necessary or expedient, (ii) all papers in connection with any interference or other legal or quasilegal proceedings relating to this application or any additional, continuing, or divisional application thereof, (iii) all papers and documents which may be necessary in connection with the preparation and filing of any foreign applications or with making claims to priority rights granted under the provisions of the International Convention for Protection of Industrial Property or similar agreements; (b) to cooperate with ASSIGNEE in every way possible in obtaining evidence and going forward in any such proceedings;

and (c) to perform all other affirmative acts which may be necessary or desirable to obtain a grant of a valid patent for said invention in any country throughout the world.

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(4) ASSIGNOR(s) hereby grants to the law firm of FACTOR & PARTNERS of Chicago, Illinois, authority and power to insert on this instrument any further identification which may be necessary or desirable for purposes of recordation in the United States Patent Office or the Patent Office of any foreign country.

ASSIGNOR(s)

Date: 12/13, 2002

Name of Inventor: Alexander Kohl  
Alexander Kohl

Date: 12/13, 2002

Name of Inventor: Hubert Holderer  
Hubert Holderer