

02-01-2001



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To the Honorable Commissioner of Patents and Trademarks

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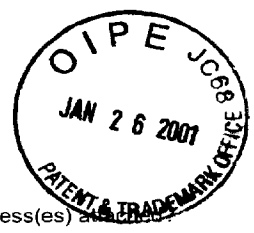
Karl-Heinz Schuster

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

2. Name and address of receiving party(ies):
Name: Carl-Zeiss-Stiftung
Heidenheim/Brenz
Address: Carl Zeiss
73446 Oberkochen
Federal Republic of Germany

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date: 09 Jan 01



Additional name(s) & address(es) attached? Yes No

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. 09/741,863
B. Patent No.

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

Address: P.O. Box 4026
Gaithersburg, Maryland 20885-4026

6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 3.41):..... \$40.00
 Enclosed
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To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Walter Ottesen
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January 23, 2001
Date

Total number of pages comprising cover sheet: 3

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01/30/2001 ETULU1 00000033 09741863
02 FC:581 40.00 DP

ASSIGNMENT

Whereas, I, KARL HEINZ SCHUSTER of Rechbergstrasse 24, 89551 Königsbronn, Federal Republic of Germany, have invented certain new and useful improvements in Catadioptric Objective for which continuation-in-part application for United States Letters Patent has been executed on even date herewith, (said application having Attorney Docket No. 00005); and,

Whereas, CARL-ZEISS-STIFTUNG, Heidenheim-Brenz, a foundation organized and existing under the laws of the Federal Republic of Germany, doing business under the firm name CARL ZEISS, having its principal office at 73446 Oberkochen, Federal Republic of Germany (hereinafter referred to as ZEISS), is desirous of obtaining Letters Patent for said invention in the United States;

Now, therefore, I hereby confirm that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I have transferred unto said ZEISS, its successors, assigns, nominees or other legal representatives, the full and exclusive right to said invention in the United States and have agreed to assign and transfer and do hereby assign and transfer unto said ZEISS, its successors, assigns, nominees or other legal representatives, the full and exclusive right, title and interest in and to said application including all priority rights under the International Convention for the Protection of Industrial Property associated therewith and the full and exclusive right to any and all Letters Patent which may be granted in the United States on said application.

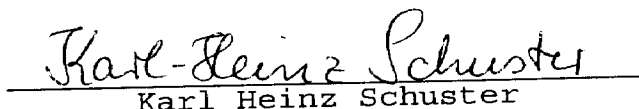
I agree for myself and for my heirs, executors and administrators to communicate to said ZEISS, its successors, assigns, nominees or other legal representatives, all facts known to me respecting said improvements, whenever requested, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and do all lawful acts requisite for the application, for such divisional, continuing or reissue

applications or the procuring thereof, and I further covenant and agree that I will, at any time upon request, do everything legally possible to aid said ZEISS, its successors, assigns, nominees or other legal representatives, either in its or their own name, to maintain and enforce any patent for said improvements without further consideration but at the expense of said ZEISS, its successors, assigns, nominees or other legal representatives.

I hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all Letters Patent which may be granted upon any of said applications, to said ZEISS as the Assignee of the entire right, title and interest in and to the same, for its sole use and behoof; and for the use and behoof of its successors, assigns, nominees, or other legal representatives, to the full end of the term for which said Letters Patent may be granted.

Witness:




Karl Heinz Schuster

Date: Jan 19 / 2000