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To the Honorable Commissioner of Patents and Trademarks, ... send return the attached original documents or copy thereof.

1. Name of conveying party(ies): 10-13-00

- 1. Ulrike Grüning
- 2. Volker Lehmann
- 3. Reinhard Stengl
- 4. Hermann Wendt
- 5. Hans Reisinger

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

2. Name and address of receiving party(ies)

Name: Siemens Aktiengesellschaft

Internal Address: ZT GG VM

Street Address: Postfach 22 16 34

City: München State: Germany ZIP: 80506

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

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other \_\_\_\_\_

Execution Date: August 18, 2000 for 1, September 11, 2000 for 2, 3, and 4, August 30, 2000 for 5

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)

09/636,521

B. Patent No.(s)

Additional numbers attached  Yes  No

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

Name: Lerner and Greenberg, P.A.

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

Street Address: P.O. Box 2480

City: Hollywood State: FL ZIP: 33022

6. Total number of applications and patents involved:

1

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

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number:

(Attach duplicate copy of this page by deposit account)

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9. Statement and signature.

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.

**LOREN DONALD PEARSON**  
REG. NO. 42,987

October 3, 2000

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: 2

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

**PATENT**  
**REEL: 011171 FRAME: 0649**

Docket No.: GR 98 P 1145

ASSIGNMENT

WHEREAS WE, ULRIKE GRÜNING, VOLKER LEHMANN, REINHARD STENGL, HERMANN WENDT and HANS REISINGER, residing respectively at MÜNCHEN, MÜNCHEN, STADTBERGEN, GRASBRUNN and GRÜNWALD, Germany, have invented certain new and useful improvements in an

OPTICAL STRUCTURE AND METHOD FOR PRODUCING THE SAME

for which an application for Letters Patent of the United States of America was executed on the date of execution of this assignment;

WHEREAS, SIEMENS AKTIENGESELLSCHAFT, a German corporation doing business at München, Germany, is desirous of acquiring the entire interest in said invention, and in any and all Letters Patent of the United States that may be obtained therefor;

NOW, THEREFORE, be it known that for and in consideration of our employment by the said corporation and other valuable consideration, the receipt and sufficiency whereof are hereby acknowledged, we have sold, assigned and transferred, and by these presents do sell, assign and transfer unto the said corporation, its legal representatives, successors and assigns, the full and exclusive right to the said invention as fully set forth and described in the above-mentioned application, and to said application and any and all divisions and continuations thereof, and any and all Letters Patent of the United States which may be granted therefor, and any and all reissues of said Letters Patent, the same to be held and enjoyed by the said corporation, its legal representatives, successors and assigns, to the full end of the term for which said Letters Patent may be granted or may be reissued or extended, as fully and entirely as the same would have been held by us had this assignment and sale not been made.

AND WE hereby authorize the Commissioner of Patents to issue any and all Letters Patent of the United States on said invention or resulting from said Application and from any and all divisions and continuations thereof to the said corporation as the assignee of the entire right, title and interest in and to the same.

IN TESTIMONY WHEREOF, we have hereunto set our hands and seals.

[Signature]  
RALF BÜNGENER  
[Signature]  
RALF BÜNGENER  
[Signature]  
RALF BÜNGENER  
[Signature]  
RALF BÜNGENER  
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RALF BÜNGENER

[Signature] (LS)  
ULRIKE GRÜNING  
[Signature] (LS)  
VOLKER LEHMANN  
[Signature] (LS)  
REINHARD STENGL  
[Signature] (LS)  
HERMANN WENDT  
[Signature] (LS)  
HANS REISINGER

Date: 11 Sept 00  
Date: 11 Sept 00  
Date: 11 Sept 00  
Date: 11 Sept. 2000  
Date: 30 Aug 00

HANS DIETER HÜLIGER