

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Bernd Geh	10/23/2002
Paul Graupner	10/02/2002
Thomas Stammeler	10/23/2002
Dirk Stenkamp	10/10/2002
Jochen Stuhler	10/09/2002
Klaus Wurmbrand	10/10/2002
RECEIVING PARTY DATA	
Name:	CARL ZEISS SEMICONDUCTOR MANUFACTURING TECHNOLOGIES
Street Address:	Carl-Zeiss-Str.22
City:	Oberkochen
State/Country:	GERMANY
Postal Code:	D-73447
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	10697811
CORRESPONDENCE DATA	
Fax Number:	(312)226-1919
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	312-226-1818
Email:	ysolis@factor-lake.com
Correspondent Name:	FACTOR & LAKE, LTD.
Address Line 1:	1327 W. Washington Blvd., Suite 5G/H
Address Line 4:	Chicago, ILLINOIS 60607
NAME OF SUBMITTER:	Jacob D. Koering

CH \$40.00 10697811

Total Attachments: 4

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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")

1. Bernd GEH of D-73432 Aalen
2. Paul GRÄUPNER of D-73430 Aalen
3. Thomas STAMMLER of D-73430 Aalen
4. Dirk STENKAMP of D-73457 Essingen
5. Jochen STÜHLER of D-73431 Aalen
6. Klaus WURMBRAND of D-79460 Hüttingen

hereby assigns, transfers and sets over to:

Carl Zeiss Semiconductor Manufacturing Technologies

Carl-Zeiss-Str. 22

D-73447 Oberkochen

Germany

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

Method for optimizing the imaging characteristics of at least two optical components
as well as method for optimizing the imaging characteristics of at least three optical components

for which a United States Patent Application was on:

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;

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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.

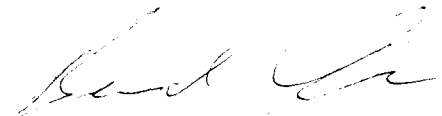
(2) ASSIGNOR(s) hereby authorizes and requests the Commissioner of Patents of the United States, and the appropriate officials in any other country, to issue any and all Letters Patent that may be granted upon any patent application or any additional, continuing or divisional applications thereof to the ASSIGNEE, its successors and assigns.

(3) ASSIGNOR(s) hereby covenants and warrants that they have full right to convey the entire right, title and interest by this instrument, free of any encumbrances and that no other agreement has been or will be executed in conflict herewith.

(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.

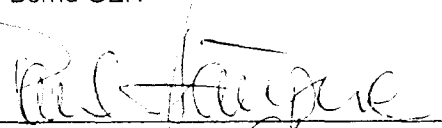
ASSIGNOR(s)

Date: Oct. 23rd, 200²

Name of Inventor: 


Bernd GEH

Date: Oct. 2, 200²

Name of Inventor: 

Paul GRÄUPNER

Date: Oct. 23rd, 200²

Name of Inventor: 

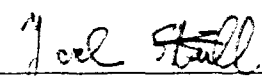
Thomas STAMMLER

Date: _____, 200²

Name of Inventor: _____

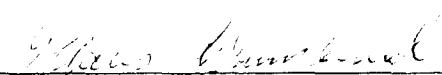
Dirk STENKAMP

Date: Oct. 9, 200²

Name of Inventor: 

Jochen STÜHLER

Date: Oct. 10, 200²

Name of Inventor: 

Klaus WURMBRAND

8388.5

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Jochen STÜHLER

Date: _____, 200²

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Klaus WURMBRAND