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To the Director of the United States Patent and Trademark Offic	1	
1. Name of conveying party(ies): CARL-ZEISS-STIFTUNG, trading as Carl Zeiss	2. Name and address of Name: <u>CARL ZEISS S</u> Address: <u>Carl-Zeiss-S</u>	SMT AG
Additional names(s) of conveying party(ies)	· · · · · · · · · · · · · · · · · · ·	
3. Nature of conveyance:		
Assignment D Merger		
Security Agreement Change of Name	City; Oberkochen	State/Prov.:
Other Confirmatory Assignment	Country: Germany	ZIP: <u>D-73447</u>
Execution Date:	Additional name(s) & address((es) 🗆 Yes 🕅 No
09/792,607 2/23/2001		
Additional numbers	Yes X No	
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of application	ations and patents involved: 1
Name: M. Robert Kestenbaum	7. Total fee (37 CFR 3.41):\$ <u>40.00</u>
Registration No. 20,430 Address: 11011 Bermuda Dunes NE	Enclosed - Any exc credited or debited	ess or insufficiency should be to deposit account
	Authorized to be ch	arged to deposit account
	8. Deposit account numbe	er:
City: <u>Albuquerque</u> State/Prov.; <u>NM</u>		· · · · · · · · · · · · · · · · · · ·
Country: <u>USA</u> ZIP: <u>87111</u>	(Attach duplicate copy of th	is page if paying by deposit account)
Statement and signature. To the best of my knowledge and belief, the foregoing information of the original document. M. Robert Kestenbaum Name of Person Signing	Signature	any attached copy is a true copy
Total number of pages including co Mail documents to be recorded with Mail Stop Assignment	equired cover sheet information to:	
Mail Stop Assignment Director of the United States F 700100965 P.O. Box 1450, Alexan	Patent and Trademark Office	PATENT 014888 FRAME: 0198

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CONFIRMATORY ASSIGNMENT

The Effective Date of this Assignment is October 1, 2001.

WHEREAS, CARL-ZEISS-STIFTUNG, a foundation organized and existing under the laws of Germany and trading as Carl Zeiss, having its principal office at 89518 Heidenheim (Brenz), Germany (hereinafter "ASSIGNOR"), by virtue of an assignment from the inventors, was the owner of the entire right, title, and interest in and to certain new and useful inventions and improvements which are the subject of an application for United States Patent entitled (Titel) detection for wavefront (Datum) 23/02/01 , and assigned U.S. Serial Number 09/792,607 (the "PATENT APPLICATION");

WHEREAS, CARL ZEISS SMT AG, a corporation organized and existing under the laws of Germany and having its principal office at Carl-Zeiss-Strasse, 73447 Oberkochen, Germany, formerly CARL ZEISS SEMICONDUCTOR MANUFCATURING TECHNOLOGIES AG (hereinafter "ASSIGNEE"), was desirous of acquiring the entire right, title and interest in and to the PATENT APPLICATION, including any and all Letters Patent of the United States that may be obtained therefor, and any and all foreign patents claiming priority to said PATENT APPLICATION;

NOW, THEREFORE, be it known that, pursuant to the terms of a contract entered into between ASSIGNOR and ASSIGNEE and notarized January 15, 2002, for good and valuable consideration recited therein and paid by ASSIGNEE to ASSIGNOR, the receipt of which is hereby acknowledged, ASSIGNOR has sold, assigned and transferred, and by these presents does hereby confirm that, as of the Effective date, ASSIGNOR did sell, assign and transfer unto ASSIGNEE, its legal representatives, successors and assigns, its entire right, title and interest in and to the PATENT APPLICATION, the same interest to be held by ASSIGNEE, its legal representatives, successors and assigns, to the full end of the term for which Letters Patent may be granted or may be reissued or extended, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

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AND, ASSIGNOR hereby confirms its agreement that the change in ownership shall be recorded in the official records of the United States Patent and Trademark Office.

The undersigned is authorized to act on behalf of ASSIGNOR.

CARL-ZEISS-STIFTUNG, trading as Carl Zeiss

By: i.V. Schultz Title: authorized clerk

By: i.V. Müller-Rißmann Title: *i X* authorized clerk

June 30, 2004

Witness Name: Fleischer L. Fleescher Witness Signature: ____

Witness Name: <u>Motzke</u>	<u> </u>
Witness Signature:	Howe

RECORDED: 07/21/2004