FORM PTO-1595 R	06 00	2004	HEET U.S. D	DEPARTMENT OF COMMERC
(Rev. 6-93)	06-08-;			Patent and Trademark Offi
OMB No. 0651-0011(exp. 4/94)				
To the Honorable Commissioner of Pa 101742434			attached original documents or copy thereof	
	101742			
1. Name of conveying party(ies):			dress of receiving	party(ies):
1. Johannes Wangler			arl-Zeiss-Stiftung enheim/Brenz	
2. Jess Koehler	<b>N</b>		ennenn/brenz	
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FIENT & TRADE	_			
Additional name(s) of conveying party(ies) attached?	🗆 Yes 🗷 No	Addresses:	Carl Zeiss 73446 Oberko	ahan
3. Nature of conveyance:	er			blic of Germany
	e of Name			
□ Other				
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Eventing Date: 1, 20 Mag 04		• • •	-	
Execution Date: 1. 30 Mar 01 2. 30 Mar 01		Additional name(s) &	address(es) attached?	🛛 Yes 🗖 No
4. Application number(s) or patent numb	per(s):			
If this document is being filed together with	• •	n, the execution d	ate of the applicatior	ı is:
A. Patent Application No.		B. Patent No.		
09/820,625				
Α	ا dditional numbers at	ached? 🗆 Yes 🖾	No	
5. Name and address of party to whom o	correspon-	6. Total number	of applications and	patents involved: 1
dence concerning document should b	e mailed:			• / • • • •
		7. Total fee (37 CFR 3.41): \$40.00		
Patent Attorney		Enclosed Authorized to be charged to deposit account		
Address: P.O. Box 4026			to be charged to t	
Gaithersburg, Maryland	20885-4026	8. Deposit accor	unt number:	
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9. Statement and signature.				
To the best of my knowledge and belief, the f	foregoing informa	tion is true and co	rrect and any attache	ed copy is a true copy
of the original document.	11	$\Lambda$		
Walter Ottesen	then t	HI.		June 4, 2001
Name of Person Signing	Signature		Date	
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		Total number of pag	ges comprising cover s	heet: 3
Mail documents to	be recorded with	required cover sh	eet Information to:	
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	Washingto	n, D.C. 20231		

PATENT REEL: 011859 FRAME: 0675

## ASSIGNMENT

Whereas, We, JOHANNES WANGLER of An der Reute 16, 89551 Königsbronn, Federal Republic of Germany, and JESS KÖHLER of Heissenbergstrasse 4, 73447 Oberkochen, Federal Republic of Germany, have invented certain new and useful improvements in <u>Microlithographic</u> <u>Illuminating System and Microlithographic Projection Exposure</u> <u>Arrangement Incorporating said System</u> for which application for United States Letters Patent has been executed on even date herewith, (said application having Attorney Docket No. 00024); 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, we hereby confirm that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we 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.

We agree for ourselves and for our heirs, executors and administrators to communicate to said ZEISS, its successors, assigns, nominees or other legal representatives, all facts known to us respecting said improvements, whenever requested, and testify in any legal proceeding, sign all lawful papers, execute all divisional,

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PATENT REEL: 011859 FRAME: 0676 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 we further covenant and agree that we 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.

We 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:

Bach,

Johannes Wangler

Date: 30. 3. 2001

Witness:

Rad

Jen Wouls

Date: 30 3 01

**RECORDED: 06/04/2001**