

03-15-2005

FORM PTO-920602-94605 (1729)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE



To the Honorable Commissioner of Patents

102958416

... documents or copy thereof.

3-10-05

1. Name of conveying party(ies):
Leo Elektronenmikroskopie GmbH

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

2. Name and address of receiving party(ies):

Name: **Carl Zeiss NTS GmbH**

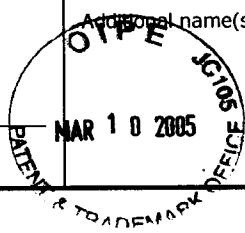
Internal Address: _____

Street Address: **511 Coldhams Lane, Cambridge, Cambridgeshire
CB1 3JS, United Kingdom**

3. Nature of conveyance:

- Assignment
- Merger
- Security Agreement
- Change of Name
- Other _____

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



Execution Date: November 10, 2004

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)

10/639,925

B. Patent No.(s)

Additional numbers attached: Yes No

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

Name: **William M. Lee, Jr.**

Internal Address: **Barnes & Thornburg LLP**

Street Address: **PO Box 2786**

City: **Chicago** State: **Illinois** Zip: **60690-2786**

6. Total number of applications and patents involved: **one**

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

Enclosed

Authorized to be charged to deposit account

8. Deposit account number:

12-0913

(Attach duplicate copy of this form if paying by deposit account.)

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.

William M. Lee, Jr.

Name of Person Signing

Signature

March 4, 2005

Date

Total number of pages including cover sheet, attachments and document _____

Do not detach this portion

Mail documents to be recorded with required cover sheet information to:

**Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450**

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project (0651-0011), Washington, D.C. 20503.

03/14/2005 DBYRME 00000106 10639925

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CHDS01 WLEE 261650v1

**PATENT
REEL: 016346 FRAME: 0923**

VERIFICATION OF TRANSLATION

I, **Beate Weltin**,

resident at

Brückestraße 9, D-80999 München

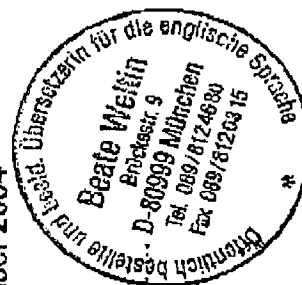
declare as follows:

1. that I am well acquainted with both the German and English languages, and
2. that the attached document is a true and correct translation made by me, to the best of my knowledge and belief, of the original text submitted to me of the Excerpt from the Commercial Register **HRB1009-A** of the Local Court (Amtsgericht) Aalen, made out June 8, 2004.

Signed this 10th day of November 2004

Beate Weltin

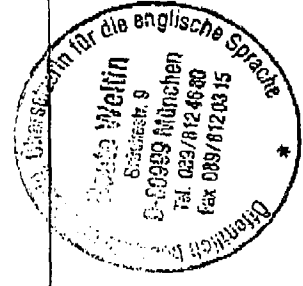
Beate Weltin



CERTIFIED TRANSLATION

EXCERPT FROM THE COMMERCIAL REGISTER - DEPARTMENT B - LOCAL COURT (AMTSGERICHT) AALEN (Wuerttemberg) HRB 1009-A

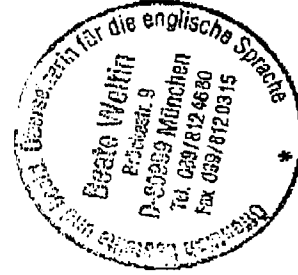
No of entry	a) Company b) Domicile c) Object of the company	Share capital or nominal capital DM	Managing Director(s) Personally liable partners Managing Directors Liquidators	"Prokura" (Full power of attorney to act on behalf of the company)	Legal relationships	a) Date of entry and signature b) Remarks
1	a) LEO Elektronenmikroskopie GmbH b) Oberkochen, Baden Wuerttemberg c) 1. Development, construction, design, manufacture, maintenance, adaptation, repair, installation, marketing and sale of electron microscopes, as well as all activities relating thereto. 2. The company may establish further companies in the Federal Republic of Germany and abroad, it may purchase existing companies, it may participate in such companies which do business with similar objects and/or it may establish branch offices or subsidiaries in the Federal Republic of Germany or abroad.	3 1.000.000,00	4 Raghuvir Bhawanishankar Kalbag, merchant in Hemmingford Grey/England	5	6 Limited liability company. Shareholders' agreement of September 8, 1995, amended on October 11, 1995. If only one Managing Director is appointed, he represents the company alone. If several Managing Directors are appointed, the company is represented jointly by two Managing Directors or by one Managing Director together with a person holding "Prokura". Raghuvir Bhawanishankar Kalbag, merchant in Hemmingford Grey/England is appointed as Managing Director holding sole power of representation	7 a) February 8, 1996 (Signature) b) Shareholders' agreement special volumens, sheet 12 Place of business: Carl-Zeiss-Strasse 4-54



* Translator's note

10.11.1994

No of entry	a) Company b) Domicile c) Object of the company	Share capital or nominal capital DM	Managing Directorate Personally liable partners Managing Directors Liquidators	"Prokurist" (Full power of attorney to act on behalf of the company)	Legal relationships	a) Date of entry and signature b) Remarks
1	2	3	4	5	6	7
1	<p>1. Moreover, the company may conduct any business which is or may be to the benefit of the company and which is not prohibited by law, in particular the company may purchase, utilize, transfer and sell patents, trademarks, licenses, distribution rights and other objects and lease real property and rights to real properties, and it may create mortgages thereon.</p>					
2			<p>Dr. Ing. Jan Lugtenburg, graduate engineer in Aalen</p>	<p>"Prokurist" (person holding "Prokura"): Alexandra Klitsch in Aalen; authorized to represent the firm together with a Managing Director or another "Prokurist".</p>	<p>Dr. Ing. Jan Lugtenburg, graduate engineer in Aalen, is appointed as Managing Director</p>	<p>a) March 20, 1996 (Signature)</p>
3			<p>Dr. Ing. Elk Litkov, Graduate economics engineer in Oberkochen</p>	<p>The "Prokura" for Alexandra Klitsch has lapsed</p>	<p>JAN LUGTENBURG is no longer Managing Director. Dr. Ing. Elk Litkov, graduate economics engineer in Oberkochen, has been appointed as Managing Director.</p>	<p>a) December 30, 1996 (Signature)</p>

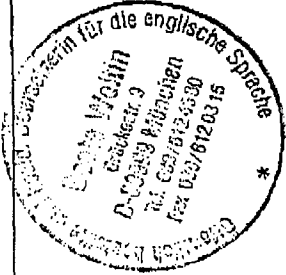


** Translator's note

JAN/APR 97

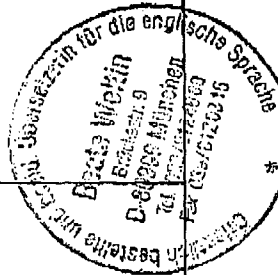
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No of entry	a) Company b) Domicile c) Object of the company	Share capital or nominal capital DM	Managing Directors Personally liable partners Managing Directors Liquidators	"Prokurist" (Full power of attorney to act on behalf of the company)	Legal relationships	a) Date of entry and signature b) Remarks
1	2	3	4	5	6	7
4			Gustav Pieper, born February 22, 1941, Oberkochen	"Prokurist": Dr. Peter Czarratis, born August 21, 1959, Oberkochen Nikolaus Frey, born March 11, 1961, Oberkochen Johannes Bühr, born April 18, 1950, Oberkochen Professor Dr. Wolfgang Probst, born June 18, 1950, Oberkochen Rolf Damböcher, born February 16, 1950, Oberkochen each one has authority to represent the company together with a Managing Director or another "Prokurist". The "Prokurist" for Dr. rer.nat. Peter Czarratis has lapsed.	Raphael Bierwieshanker Kalbag and Dr. Erik Litow are no longer Managing Directors. Gustav Pieper, born February 22, 1941, has been appointed as Managing Director holding sole power of representation.	a) November 9, 1998 (Signature)
5			Dr. rer.nat. Peter Czarratis, born August 21, 1959, Berlin		Gustav Pieper is no longer Managing Director. Dr. rer.nat. Peter Czarratis has been appointed as Managing Director holding sole power of representation. Dr. Dirk Stenkamp has been appointed as Managing Director.	a) November 2, 1999 (Signature)
6			Dr. rer.nat. Peter Czarratis, born August 3, 1962, Oberkochen		The Managing Director Dr. rer.nat. Peter Czarratis has no longer sole power of representation of the company if further Managing Directors are appointed	a) April 24, 2001 (Signature)



ENTWURF

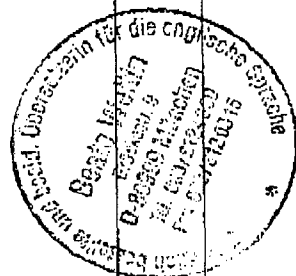
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No of entry	a) Company b) Domicile c) Object of the company	Share capital or nominal capital DM	Managing Directorate Personally liable partners Managing Directors Liquidators	"Prokurs" (Full power of attorney to act on behalf of the company)	Legal relationships	a) Date of entry and signature b) Remarks
1	7	3	4	5	6	7
7	<p>b) Oberhaching</p> <p>c)</p> <p>1. Development, manufacture and sale of electron-optical and corpuscular radiation based devices and systems as well as services rendered in this connection.</p> <p>2. The object of the company can be pursued by any activity which is untraded and suitable to directly or indirectly serve the purposes of the company, especially also the establishment of and participation in other companies and by the establishment of domestic and foreign branch offices and subsidiaries</p>	515,000.00 Euro			<p>By decision of the shareholders' meeting of August 27, 2001, the nominal capital was converted into Euro and increased by 3,708,12 Euro to 515,000.00 Euro. The shareholders' agreement was amended and redrafted, in particular, the domicile designation as well as the definitions of the object of the company, the nominal capital and the business year were amended.</p>	<p>a) September 27, 2001 (Signature)</p> <p>b) Shareholders' decision and Shareholders' agreement, special volume, page 52</p>
8				<p>The "Prokurs" for Prof. Dr. Dambacher and Professor Dr. Wolfgang Probst have lapsed.</p> <p>"Prokursist":</p> <p>Michael Ruedtke Born March 15, 1970, Aalen;</p> <p>authorized to represent the company together with a Managing Director or another "Prokursist".</p>		<p>a) February 11, 2002 (Signature)</p>
9					<p>A control and profit-and-loss-transfer agreement was concluded on August 20/23, 2002 between the company (controlled company) and Carl Zeiss Semiconductor Manufacturing Technologies Aktiengesellschaft in Weizlar (controlling company).</p> <p>The shareholders' meeting of the company and the shareholders' meeting of the controlling company gave their consent to the agreement on August 27, 2002.</p>	<p>a) October 24, 2002 (Signature)</p> <p>b) Control and profit-and-loss transfer agreement and decision of consent, special volume, pages 59 and 60</p>

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No of entry	a) Company b) Domicile c) Object of the company	Share capital or nominal capital DM	Managing Directorate Personally liable partners Managing Directors Liquidators	"Prokurs" (Full power of attorney to act on behalf of the company)	Legal relationships	a) Date of entry and signature b) Remarks
10	2	3	4	5 The "Prokurs" for Nikolaus Fiel has lapsed. "Prokurist": Bernd Fürstenberg, born October 19, 1959, Berlin; authorized to represent the company together with a Managing Director or another "Prokurist".	6	7 a) February 23, 2002 (Signature)
11				"Prokurist": Uwe Henning, born August 25, 1949, Aalen; Stefan Müller, born October 9, 1972, Aalen; authorized to represent the company together with a Managing Director or another "Prokurist".		a) September 2, 2003 (Signature)
12	a. Carl Zeiss NTS GmbH				The shareholders' meeting of March 2, 2004 decided to amend the shareholders' agreement § 1 (Company) The company has been changed.	a) April 6, 2004 (Signature) b) Shareholders' agreement, special volume, page 70)



END OF TRANSLATION

Made out on June 8, 2004
Local Court (Amtsgericht) Aalen - Registration Court

Note: The underlined entries have been cancelled

1001/0431