

05-24-2001



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OVER SHEET
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Commissioner for Patents: Please record the attached original document(s) or copy(ies).	
1. Name of conveying party(ies): Shane P. Ballard, Robert J. Viola, Carl E. Merkel, and Robert Teissler Additional name(s) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): ZYGO CORPORATION 21 Laurel Brook Road Middlefield, Connecticut 06455-0448 United States of America MAY 21 2001 Additional names/addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: Execution Date: April 12, 2001 S-21-01	
4. Application number(s) or patent number(s): If this document is being filed with a new application, the execution date of the application is: A. Patent Application No(s): 09/788,034 B. Patent No(s): Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name/address of party to whom correspondence concerning document should be mailed: JERRY D. LENTZ Fish & Richardson P.C. 225 Franklin Street Boston, MA 02110-2804	6. Total number of applications/patents involved: 1 7. Total fee (37 CFR §3.41): \$40 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to charge Deposit Account. 8. Deposit Account No.: 06-1050 Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.
DO NOT USE THIS SPACE	
9. Statement and Signature: <i>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.</i> Jerry D. Lentz Reg. No. 33,945 Name of Person Signing Signature: Date: 5/18/2001	
Total number of pages including coversheet, attachments and document: 6	

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CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner of Patents, Washington, D.C. 20231.

May 18, 2001
 Date of Deposit

Signature

Lendera H. Francis
 Typed Name of Person Signing Certificate

PATENT
REEL: 011818 FRAME: 0188

ASSIGNMENT

For valuable consideration, we, SHANE P. BALLARD of Erie, Colorado, ROBERT J. VIOLA of Boulder, Colorado, CARL E. MERKEL of Thornton, Colorado, and ROBERT TEISSLER of Longmont, Colorado, hereby assign to: Zygo Corporation, a Delaware corporation corporation having a place of business at:

21 Laurel Brook Road
Middlefield, Connecticut 06455-0448
United States of America; and

its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled PELLICLE MOUNTING APPARATUS, filed February 16, 2001, and assigned U.S. Serial Number 09/788,034, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at 1st BANK,
this 12 day of April, 2001
Shane Ballard L.S.
SHANE P. BALLARD

State of COLORADO :
: ss.
County of BOULDER :

Before me this 12 day of April, 2001, personally
appeared SHANE P. BALLARD known to me to be the person whose name is subscribed to the
foregoing Assignment and acknowledged that he executed the same as his free act and deed for
the purposes therein contained.

[Signature]
Notary Public

My Commission Expires:

[Notary's Seal Here]

My Commission Expires 11/18/2002

IN WITNESS WHEREOF, I hereto set my hand and seal at 1ST BANK,
this 12 day of APRIL, 2001
Carl E Merkel L.S.
CARL E. MERKEL

State of COLORADO :
: ss.
County of BOULDER :

Before me this 12 day of APRIL, 2001, personally
appeared CARL E. MERKEL known to me to be the person whose name is subscribed to the
foregoing Assignment and acknowledged that he executed the same as his free act and deed for
the purposes therein contained.

[Signature]
Notary Public

My Commission Expires:

My Commission Expires 11/18/2002

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at 1ST BANK,
this 12 day of APRIL, 2001
Robert J. Viola L.S.
ROBERT J. VIOLA

State of COLORADO :
: ss.
County of BOULDER :

Before me this 12 day of APRIL, 2001, personally
appeared ROBERT J. VIOLA known to me to be the person whose name is subscribed to the
foregoing Assignment and acknowledged that he executed the same as his free act and deed for
the purposes therein contained.

My Commission Expires 11/18/2002

[Signature]
Notary Public
My Commission Expires:

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at 1ST BANK,
this 12 day of APRIL, 2001
ROBERT TEISSLER L.S.

State of COLORADO :
: ss.

County of BOULDER :

Before me this 12 day of APRIL, 2001, personally
appeared ROBERT TEISSLER known to me to be the person whose name is subscribed to the
foregoing Assignment and acknowledged that he executed the same as his free act and deed for
the purposes therein contained.

[Signature]
Notary Public

My Commission Expires:

My Commission Expires 11/18/2002

[Notary's Seal Here]

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