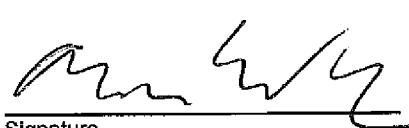


Substitute Form PTO-1595  
 Attorney Docket No.: 09712-395001  
 Client's Ref. No.: Z-507

## RECORDATION FORM COVER SHEET PATENTS ONLY


Commissioner for Patents: Please record the attached original document(s) or copy(ies).	
1. Name of conveying party(ies): <b>Henry A. Hill and Gary Womack</b> Additional name(s) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): <b>Zygo Corporation</b> <b>21 Laurel Brook Road</b> <b>Middlefield, Connecticut 06455-0448</b>  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: <b>05/25/2005</b>	
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): <b>11/112,681</b> 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:  <b>MARC M. WEFERS, PH.D., J.D.</b> <b>Fish &amp; Richardson P.C.</b> <b>225 Franklin Street</b> <b>Boston, MA 02110</b>	6. Total number of applications/patents involved: <b>1</b>  7. Total fee (37 CFR §3.41): <b>\$40</b> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to charge Deposit Account.  8. Deposit Account No.: <b>06-1050</b> 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>	
Marc M. Wefers <u>Reg. No. 56,842</u> Name of Person Signing	<div style="text-align: center;">           Signature       </div> <div style="text-align: right; padding-right: 50px;"> <u>June 2, 2005</u>          Date       </div>
Total number of pages including coversheet, attachments and document: 4	

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### CERTIFICATE OF TRANSMISSION BY FACSIMILE

I hereby certify that this correspondence is being transmitted by facsimile to the Patent and Trademark Office on the date indicated below.

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**PATENT**  
**REEL: 016297 FRAME: 0023**

CH \$40.00 061050 11112681

### ASSIGNMENT

For valuable consideration, we, Henry A. Hill, of 340 S. Avenida de Palmas, Tucson, AZ 85716; Gary Womack, of 1665 E. 18th Street, Suite 206, Tucson, AZ 85719; hereby assign to ZYGO CORPORATION, a corporation of Delaware, having a place of business at 21 Laurel Brook Road, Middlefield, Connecticut 06455-0448, 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 INTERFEROMETRY SYSTEMS AND METHODS OF USING INTERFEROMETRY SYSTEMS, filed April 22, 2005, and assigned U.S. Serial Number 11/112,681, 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.

DATE: 5-25-05

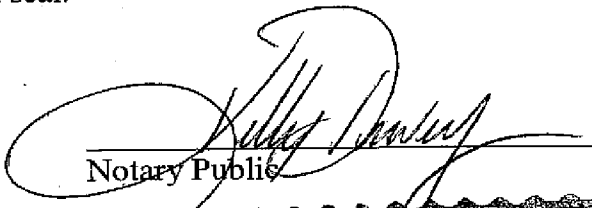
  
HENRY A. HILL

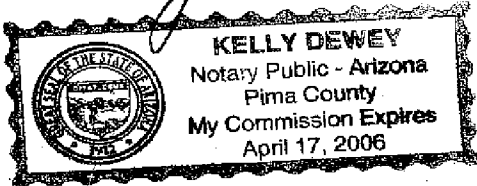
STATE OF ARIZONA )

COUNTY OF PIMA ) SS.

On 5-25-05, before me, the undersigned, a notary public for the State of Arizona, there personally appeared HENRY A. HILL personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his authorized capacity and that by his signature on this Assignment, the person or the entity upon behalf of which he acted, executed this Assignment.

WITNESS my hand and official seal.

  
Notary Public

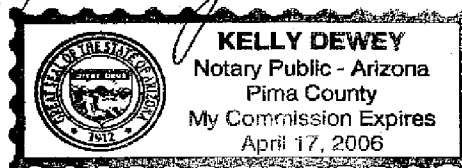


Attorney Docket No: 09712-395001 Z-507

DATE: 5/25/2005Gary Womack  
GARY WOMACKSTATE OF ARIZONA )  
COUNTY OF PIMA ) SS.

On 5-25-05, before me, the undersigned, a notary public for the State of Arizona, there personally appeared GARY WOMACK personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his authorized capacity and that by his signature on this Assignment, the person or the entity upon behalf of which he acted, executed this Assignment.

WITNESS my hand and official seal.

Kelly Dewey  
Notary Public

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