PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Silvio J Rabello	01/29/2010
William A McGahan	01/29/2010
Jie Li	01/29/2010
Yongdong Liu	01/29/2010

RECEIVING PARTY DATA

Name:	Nanometrics Incorporated
Street Address:	1550 Buckeye Drive
City:	Milpitas
State/Country:	CALIFORNIA
Postal Code:	95035

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12696974

CORRESPONDENCE DATA

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Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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ATTORNEY DOCKET NUMBER:	NAN236 US
NAME OF SUBMITTER:	Michael J. Halbert

Total Attachments: 5

PATENT REEL: 023874 FRAME: 0104 OF \$40.00 12696974

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> PATENT REEL: 023874 FRAME: 0105

ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, I:

Silvio J. Rabello of 2464 West Bayshore Road, #2, Palo Alto, CA 94303;

William A. McGahan of 19215 White Horse Cove, Spicewood, TX 78669;

Jie Li of 1775 Milmont Drive #O303, Milpitas, CA 95035;

Yongdong Liu of 10600 S. Foothill Blvd., Cupertino, CA, 95014;

hereby sell, assign and transfer to **Nanometrics Incorporated**, a **Delaware** corporation, having a place of business at **1550 Buckeye Drive**, **Milpitas**, **CA 95035-7418**, its successors and assigns, the entire right, title and interest throughout the world in my invention for which I have executed a United States patent application entitled

SCATTEROMETRY MEASUREMENT OF ASYMMETRIC STRUCTURES

the patent application being executed on or about the date of this assignment, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; I authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from me; I agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, its successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and I request that the United States Patent and Trademark Office issue all patents granted for said invention to the above-named assignee, its successors and assigns.

ASSIGNMENT Page 1 of 3

Sole or First Joint Inventor	
Executed this 29 day of January	
State of	Signature of Silvio J. Rabello
State of	[
On before me, (date) Personally appeared Silvio J. Rabello who proved to me on the name is subscribed to the within instrument and acknowledged authorized capacity, and that by his/her signature on the instrument person acted, executed the instrument.	he basis of satisfactory evidence to be the person whose d to me that he/she executed the same in his/her
I certify under PENALTY OF PERJURY under the laws of the and correct. WITNESS my hand and official seal.	e State of California that the foregoing paragraph is true
	SIGNATURE OF NOTARY
Second Joint Inventor	
Executed this day of	, 2010.
	Cionatura of William A. McCahan
State of)	Signature of William A. McGahan
County of) ss.	
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Third Joint Inventor	
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CA CA	Jie II Signature of Jie Li
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I certify under PENALTY OF PERJURY under the laws of the State and correct. WITNESS my hand and official seal.	e of California that the foregoing paragraph is true
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Fourth Joint Inventor	
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Executed this 29 day of January	2010. Will A.M.A.
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ASSIGNMENT Page 2 of 3

PATENT REEL: 023874 FRAME: 0109

RECORDED: 01/29/2010

Attorney Docket No.: NAN236 US

Executed this day of	. 2010.
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WITNESS my hand and official seal.	
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Fourth Joint Inventor	
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