

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT										
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Silvio J Rabello</td> <td>01/29/2010</td> </tr> <tr> <td>William A McGahan</td> <td>01/29/2010</td> </tr> <tr> <td>Jie Li</td> <td>01/29/2010</td> </tr> <tr> <td>Yongdong Liu</td> <td>01/29/2010</td> </tr> </tbody> </table>		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
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Silvio J Rabello	01/29/2010										
William A McGahan	01/29/2010										
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Yongdong Liu	01/29/2010										
<b>RECEIVING PARTY DATA</b>											
<b>Name:</b>	Nanometrics Incorporated										
<b>Street Address:</b>	1550 Buckeye Drive										
<b>City:</b>	Milpitas										
<b>State/Country:</b>	CALIFORNIA										
<b>Postal Code:</b>	95035										
<b>PROPERTY NUMBERS Total: 1</b>											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td><b>Application Number:</b></td> <td>12696974</td> </tr> </tbody> </table>		Property Type	Number	<b>Application Number:</b>	12696974						
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<b>Application Number:</b>	12696974										
<b>CORRESPONDENCE DATA</b>											
<b>Fax Number:</b>	(408)378-7770										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
<b>Phone:</b>	4083787777										
<b>Email:</b>	mhalbert@svpatentgroup.com										
<b>Correspondent Name:</b>	Silicon Valley Patent Group LLP										
<b>Address Line 1:</b>	18805 Cox Avenue										
<b>Address Line 2:</b>	Suite 220										
<b>Address Line 4:</b>	Saratoga, CALIFORNIA 95070										
<b>ATTORNEY DOCKET NUMBER:</b>	NAN236 US										
<b>NAME OF SUBMITTER:</b>	Michael J. Halbert										
Total Attachments: 5											

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**PATENT  
 REEL: 023874 FRAME: 0104**

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**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

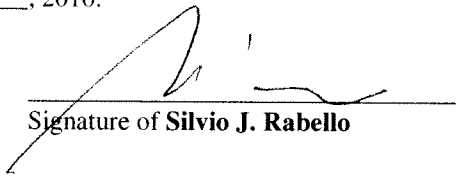
**SCATTEROMETRY MEASUREMENT OF ASYMMETRIC STRUCTURES**

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.

Sole or First Joint Inventor

Executed this 29 day of January, 2010.

State of CA )  
County of Santa Clara ) ss.

  
Signature of **Silvio J. Rabello**

On \_\_\_\_\_ before me, \_\_\_\_\_  
(date) (Notary's Name)

Personally appeared **Silvio J. Rabello** who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.  
WITNESS my hand and official seal.

\_\_\_\_\_  
SIGNATURE OF NOTARY

Second Joint Inventor

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 2010.

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) ss.

\_\_\_\_\_  
Signature of **William A. McGahan**

On \_\_\_\_\_ before me, \_\_\_\_\_  
(date) (Notary's Name)

Personally appeared William A. McGahan who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.  
WITNESS my hand and official seal.

\_\_\_\_\_  
SIGNATURE OF NOTARY

Third Joint Inventor

Executed this 29 day of January, 2010.

Jie Li

Signature of **Jie Li**

State of CA )  
County of Santa Clara ) ss.

On \_\_\_\_\_ before me, \_\_\_\_\_  
(date) (Notary's Name)

Personally appeared Jie Li who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.  
WITNESS my hand and official seal.

\_\_\_\_\_  
SIGNATURE OF NOTARY

Fourth Joint Inventor

Executed this 29 day of January, 2010.

Jie Yongdong Liu

Signature of **Yongdong Liu**

State of CA )  
County of Santa Clara ) ss.

On \_\_\_\_\_ before me, \_\_\_\_\_  
(date) (Notary's Name)

Personally appeared Yongdong Liu who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

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WITNESS my hand and official seal.

\_\_\_\_\_  
SIGNATURE OF NOTARY

Attorney Docket No.: NAN236 US

**Sole or First Joint Inventor**

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 2010.

  
Signature of Silvio J. Rabello

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) ss.

On \_\_\_\_\_ before me, \_\_\_\_\_  
(date) (Notary's Name)

Personally appeared Silvio J. Rabello who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

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WITNESS my hand and official seal.

\_\_\_\_\_  
SIGNATURE OF NOTARY

**Second Joint Inventor**

Executed this 29<sup>th</sup> day of January, 2010.

  
Signature of William A. McGahan

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) ss.

On \_\_\_\_\_ before me, \_\_\_\_\_  
(date) (Notary's Name)

Personally appeared William A. McGahan who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

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