

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
Name	Execution Date
Real Time Metrology Inc.	12/09/2010
<b>RECEIVING PARTY DATA</b>	
Name:	Nanometrics Incorporated
Street Address:	1550 Buckeye Drive
City:	Milpitas
State/Country:	CALIFORNIA
Postal Code:	95035
<b>PROPERTY NUMBERS Total: 3</b>	
Property Type	Number
Patent Number:	5909276
Patent Number:	6630996
Patent Number:	6809809
<b>CORRESPONDENCE DATA</b>	
Fax Number:	(408)378-7770
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	408-378-7777
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Correspondent Name:	Silicon Valley Patent Group, LLP
Address Line 1:	18805 Cox Avenue, Suite 220
Address Line 4:	Saratoga, CALIFORNIA 95070
ATTORNEY DOCKET NUMBER:	NAN001
NAME OF SUBMITTER:	Michael J. Halbert

OP \$120.00 5909276

Total Attachments: 5  
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 source=Nanometrics Patent Assignment#page2.tif

**501462123**

**PATENT**  
**REEL: 025929 FRAME: 0989**

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**Patent Assignment**

**Dated December 9, 2010**

WHEREAS, Real Time Metrology Inc., a Delaware corporation ("Assignor"), is the owner of the patents and patent applications described on Schedule A-1 hereto (the "Patents"); and

WHEREAS, pursuant to the terms of that certain Asset Purchase Agreement, dated as of December 9, 2010 (the "Purchase Agreement"), by and between Assignor and Nanometrics Incorporated, a Delaware corporation ("Nanometrics"). Assignor has agreed to assign to Nanometrics all of Assignor's right, title, and interest in and to the Patents.

NOW THEREFORE, for the consideration set forth in the Purchase Agreement and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties agree as follows:

1. Assignor hereby sells, assigns and transfers to Nanometrics, the entire right, title and interest in and to each of the Patents, including all continuations, divisions, continuations-in-part, requests for continued examination, reissues, reexaminations and extensions thereof; all patents issuing from any of the foregoing; the right to file foreign applications directly in the name of Nanometrics with respect to the inventions, discoveries or designs described in the patent applications; the right to claim priority rights deriving from the applications; the inventions, discoveries and designs described in the applications; and all causes of action and other enforcement rights under, or on account of, any of the foregoing for past, current or future infringement.

2. This Patent Assignment may be filed in all countries of the world. Assignor hereby authorizes the respective patent office or governmental agency in each jurisdiction to issue any and all patents that may be granted upon the applications or other rights assigned hereunder in the name of Nanometrics, as the assignee to the entire interest therein.

3. This Patent Assignment shall be governed by and construed in accordance with the laws of California without reference to principles of conflicts of law.

*[Remainder of Page Intentionally Left Blank]*

IN WITNESS WHEREOF, the undersigned has executed this Patent Assignment effective as of the date shown above.

REAL TIME METROLOGY INC.

By: Anand Gupta  
Name: ANAND GUPTA  
Title: PRESIDENT & CEO

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

Before me, a Notary Public within and for said County, personally appeared \_\_\_\_\_ the person described in and who executed the foregoing instrument and acknowledged that he/she executed the same as his/her free act and deed on this \_\_\_ day of December, 2010.

\_\_\_\_\_  
Notary Public

AGREED AND ACCEPTED

NANOMETRICS INCORPORATED

By: Kevin Heinrich  
Name: Kevin Heinrich  
Title: VP marketing & Business Development

**CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT**

State of California

County of Santa Clara }

On Dec. 9, 2010 before me, Kathleen Cotten, Notary Public  
Date Here Insert Name and Title of the Officer

personally appeared Anand Gupta  
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) 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 Kathleen Cotten  
Signature of Notary Public



Place Notary Seal Above

**OPTIONAL**

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

**Description of Attached Document**

Title or Type of Document: Patent Assignment

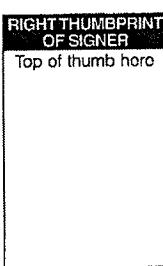
Document Date: 12.9.10 Number of Pages: 4

Signer(s) Other Than Named Above: none

**Capacity(ies) Claimed by Signer(s)**

Signer's Name: Anand Gupta

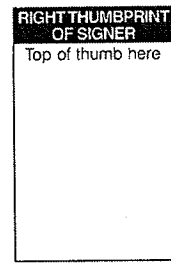
- Individual
- Corporate Officer — Title(s): \_\_\_\_\_
- Partner —  Limited  General
- Attorney in Fact
- Trustee
- Guardian or Conservator
- Other: \_\_\_\_\_



Signer Is Representing: GM

Signer's Name: \_\_\_\_\_

- Individual
- Corporate Officer — Title(s): \_\_\_\_\_
- Partner —  Limited  General
- Attorney in Fact
- Trustee
- Guardian or Conservator
- Other: \_\_\_\_\_



Signer Is Representing: \_\_\_\_\_

## Schedule A-1

### Patents

#### U.S. Patents

Patent No.	Jurisdiction	Title	Filing Date	Issue Date	Owner
5,909,276	U.S.	Optical inspection module and method for detecting particles and defects in integrated process tools	March 30, 1998	June 1, 1999	
6,630,996	U.S.	Optical method and apparatus for inspecting large area planar objects	November 14, 2001	October 7, 2003	
6,809,809	U.S.	Optical method and apparatus for inspecting large area planar objects	March 4, 2003	October 26, 2004	

#### Pending U.S. and PCT Patent Applications

Application No.	Jurisdiction	Title	Filing Date	Status	Owner
None					

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Foreign Patents

Patent No.	Jurisdiction	Title	Filing Date	Issue Date	Owner
EP 1,016,126	European Union	Optical inspection module and method for detecting particles and defects in integrated process tools	March 30, 1998	Pending	MICROTHERM LLC
JP 4527205	Japan	Optical inspection module and method for detecting particles and defects in integrated process tools	March 30, 1998	June 11, 2010	MICROTHERM LLC
0540314	South Korea	Optical inspection module and method for detecting particles and defects in integrated process tools	March 30, 1998	December 26, 2005	MICROTHERM LLC

Foreign Patent Applications

Application No.	Jurisdiction	Title	Filing Date	Status	Owner
None.					