

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT5415289

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
AMIT SHACHAF	09/30/2014
PEDRO VAGOS	09/30/2014
MICHAEL ELAD	10/01/2014
RECEIVING PARTY DATA	
Name:	NANOMETRICS INCORPORATED
Street Address:	1550 BUCKEYE DRIVE
City:	MILPITAS
State/Country:	CALIFORNIA
Postal Code:	95035-7418
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15966918
CORRESPONDENCE DATA	
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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
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ATTORNEY DOCKET NUMBER:	NAN298-1C US
NAME OF SUBMITTER:	MICHAEL J. HALBERT
SIGNATURE:	/Michael J. Halbert/
DATE SIGNED:	03/11/2019
Total Attachments: 2	
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ASSIGNMENT

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

Amit Shachaf of 23513 Skyview Terrace, Los Gatos, California 95033, U.S.A.;

Pedro Vagos of 111-A rue de Bry, 94430 Chennevieres, France;

Michael Elad of Ha'Emeq street 11, Kiriat Tivon, Israel 36084;

hereby sell, assign and transfer to **Nanometrics Incorporated**, a Delaware corporation, having a place of business at **1550 Buckeye Drive, Milpitas, California 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

**DECONVOLUTION TO REDUCE THE EFFECTIVE SPOT SIZE OF A
SPECTROSCOPIC OPTICAL METROLOGY DEVICE**

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 30 day of September, 2014.

Amit S.
Signature of Amit Shachaf

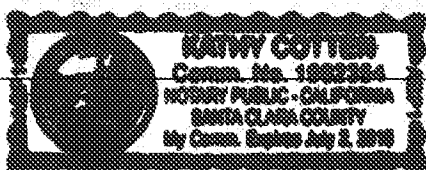
State of California

County of ~~Utah~~ Santa Clara ss

On Sept. 30, 2014 before me, Kathy Cotton, Notary Public
(date) (Notary's Name)

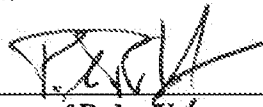
Personally appeared Amit Shachaf who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or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



Kathy Cotton
SIGNATURE OF NOTARY

Second Joint Inventor

Executed this 30th day of September, 2014.

 Signature of **Pedro Vagos**

 State of California)
 County of Santa Clara) ss.

 On Sept 30, 2014 before me, Kathy Cotton, Notary Public
 (date) (Notary's Name)

Personally appeared **Pedro Vagos** 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 1 day of October, 2014.

 Signature of **Michael Elad**

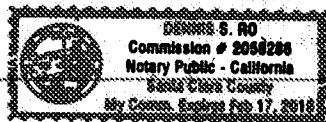
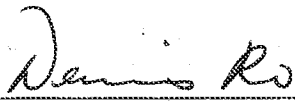
 State of California)
 County of Santa Clara) ss.

 On 10/01/2014 before me, Dennis Ro
 (date) (Notary's Name)

Personally appeared **Michael Elad** 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