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**1. Name of conveying party(ies)**

Yoel COHEN  
Boaz BRILL

Additional name(s) of conveying party(ies) attached?  Yes  No

**2. Name and address of receiving party(ies)**

Name: NOVA MEASURING INSTRUMENTS LTD.

Street Address: WEIZMANN SCIENCE PARK

P.O. BOX 266

City: REHOVOT

State: \_\_\_\_\_

Country: ISRAEL Zip: 76100

Additional name(s) & address(es) attached?  Yes  No

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) October 14, 2009

- Assignment  Merger
- Security Agreement  Change of Name
- Joint Research Agreement
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- Executive Order 9424, Confirmatory License
- Other \_\_\_\_\_

**4. Application or patent number(s):**

This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

**12/596,670**

Additional numbers attached?  Yes  No

**5. Name and address to whom correspondence concerning document should be mailed:**

Name: DANIEL J. SWIRSKY

Internal Address: ALPHAPATENT ASSOCIATES LTD.

Street Address: 55 REUVEN STREET

City: BEIT SHEMESH

State: ISRAEL Zip: 99544

Phone Number: (US) 516-620-4572

Fax Number: (US) 206-374-6672

Email Address: PTO@ALPHAPATENT.COM

**6. Total number of applications and patents involved:** 1

**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00**

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

**8. Payment Information**

a. Credit Card Last 4 Numbers \_\_\_\_\_  
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b. Deposit Account Number 501380

Authorized User Name DANIEL J. SWIRSKY

ALPHAPATENT ASSOCIATES

**9. Signature:**

Signature

October 22, 2009

Date

DANIEL J. SWIRSKY REG. NO. 45.148

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

4

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CH \$40.00 501380 12596670

Attorney Docket No.: **1865-US**

## **ASSIGNMENT**

*In consideration of One Dollar (\$1.00), and other good and valuable considerations, the receipt of which is hereby acknowledged, I the undersigned:*

*Yoel COHEN, residing at 8 Struma Street, Nes Ziona 74037, Israel;  
Boaz BRILL, residing at 52 Carmel Street, Rehovoth 76302, Israel*

*hereby sell(s), assign(s), and transfer(s) to:*

**NOVA MEASURING INSTRUMENTS LTD.**  
*Weizmann Science Park  
P.O. Box 266  
Rehovot 76100  
Israel*

*(hereinafter "Assignee"), its successors, assigns and legal representatives, the entire right, title and interest for all countries, in and to any and all inventions which are disclosed and claimed, and as possessed by the undersigned, any and all inventions which are disclosed but not claimed in the Application for Patent:*

*for which a request to begin national examination procedures under 35 U.S.C 371 was filed in the United States Patent and Trademark Office on October 20, 2009;*

*having AlphaPatent Associates Ltd. docket number 1865-US;  
and entitled:*

### **METHOD AND SYSTEM FOR USE IN MONITORING PROPERTIES OF PATTERNED STRUCTURES**

*and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for U.S. Patent or other related property rights in any and all foreign countries which have been or shall be filed on any of said inventions disclosed in said application; and in and to all original and reissued patents or related foreign documents which have been or shall be issued on said inventions;*

*Authorize and request the Commissioner of Patents of the United States to issue to said Assignee, the corporation above named, its successors, assigns and legal representatives, in accordance with this assignment, any and all United States Patent on said inventions or any of them disclosed in said application;*

*Agree that said Assignee may apply for and receive foreign Patent or rights of any other kind for said inventions, or any of them; and may claim, in applications for said foreign Patent or other rights, the priority of the aforesaid United States patent application under the provisions of the International Convention of 1883 and*

Attorney Docket No.: **1865-US**

*later modifications thereof, under the Patent Cooperation Treaty, under the European Patent Convention or under any other available international agreement; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the under-signed or the undersigned's executors or administrators will, for the United States and all foreign countries, execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications or other documents on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known and documents available to the undersigned relating to said inventions and the history thereof; testify in all legal proceedings; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said inventions and for vesting title to said inventions and all applications for patents or related foreign rights and all patents on said inventions, in said Assignee, its successors, assigns and legal representatives;*

*Grant the firm of AlphaPatent Associates Ltd. and/or Daniel J. Swirsky, United States Patent Agent Registration No. 45,148 the power to insert in this Assignment any further identification which may be necessary or desirable for recordation of this Assignment; and*

*Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.*

Attorney Docket No.: 1865-US

**WITNESSED BY:**

Date: Oct 14, 2009  
 Witness signature: [Signature]  
 Witness name: O. Korshunov  
 Witness address: Rehovot  
Isaac

**ASSIGNED BY:**

[Signature]  
 Yoel COHEN

**WITNESSED BY:**

Date: Oct 14 2009  
 Witness signature: [Signature]  
 Witness name: O. Korshunov  
 Witness address: Rehovot  
Isaac

**ASSIGNED BY:**

[Signature]  
 Boaz BRILL