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PATENT ASSIGNMENT COVER SHEET

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NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GILAD BARAK	03/01/2019
YANIR HAINICK	03/01/2019
YONATAN OREN	03/01/2019
VLADIMIR MACHAVARIANI	03/01/2019

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State/Country:	ISRAEL		
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16792937

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ATTORNEY DOCKET NUMBER:	2699-US1
NAME OF SUBMITTER:	DANIEL J. SWIRSKY
SIGNATURE:	/DANIEL J. SWIRSKY/
DATE SIGNED:	05/18/2020

Total Attachments: 4

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PATENT REEL: 052682 FRAME: 0396 source=Assignment from parent signed#page2.tif
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PATENT REEL: 052682 FRAME: 0397

Attorney Docket No.: 2699-US

<u>ASSIGNMENT</u>

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

Gilad BARAK, residing at 5/22 Zippora Tov Street, Rehovot 7634940, Israel Yanir HAINICK, residing at 26b Bar Cochva Street, Tel Aviv 6342711, Israel Yonatan OREN, residing at 15 Biyalik Street, Kiryat Ono 5520315, Israel Vladimir MACHAVARIANI, residing at 50/12 Rambam Street, Rishon LeZion 7531073, 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 of International Application No. PCT/IL2016/051349 under 35 U.S.C 371 was filed in the United States Patent and Trademark Office on June 14, 2018;

having U.S. Patent Application No. 16/062,114; having AlphaPatent Associates Ltd. docket number 2699-US; and entitled:

RAMAN SPECTROSCOPY BASED MEASUREMENTS IN 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;

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Attorney Docket No.: 2699-US

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 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.:

2699-US

WITNESSED BY:

ASSIGNED BY:

Witness signature:

Witness name:

Witness address:

Gilad BARAK

Date:

Witness signature:

Witness name:

Witness address:

Date:

Witness signature:

Witness name:

Witness address:

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Attorney Docket No.: 2699-US

Date:

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3012019

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PATENT REEL: 052682 FRAME: 0401

RECORDED: 05/18/2020