505948268 03/04/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5994988

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MATTHEW SENDELBACH	01/01/2020
SHAY YOGEV	01/05/2020
PAUL ISBESTER	07/06/2019

RECEIVING PARTY DATA

Name:	NOVA MEASURING INSTRUMENTS LTD.
Street Address:	WEIZMANN SCIENCE PARK
Internal Address:	P.O. BOX 266
City:	REHOVOT
State/Country:	ISRAEL
Postal Code:	7610201

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16454242

CORRESPONDENCE DATA

Fax Number: (516)977-3495

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DANIEL J. SWIRSKY **Correspondent Name:** Address Line 1: 11 REUVEN STREET

Address Line 4: BEIT SHEMESH, ISRAEL 9954419

ATTORNEY DOCKET NUMBER:	2771-US
NAME OF SUBMITTER:	DANIEL J. SWIRSKY
SIGNATURE:	/DANIEL J. SWIRSKY/
DATE SIGNED:	03/04/2020

Total Attachments: 5

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<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:

Matthew SENDELBACH, residing at 22 Tree Line Ct., Fishkill, NY, 12524 USA Paul ISBESTER, residing at 7 Morgon Terrace, Castleton NY, 12033 USA Shay YOGEV, residing at 51 Kibbutz Kfar Menachem St., Kibbutz Kfar Menachem 7897500 ISRAEL

Yoav ETZIONI, residing at 34 Mivtza Kadesh Street, Tel Aviv 6998806 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:

filed in the United States Patent and Trademark Office on June 27, 2019; having U.S. Patent Application No. 16/454,242; having AlphaPatent Associates Ltd. docket number 2771-US; and entitled:

PROCESS CONTROL OF SEMICONDUCTOR FABRICATION BASED ON SPECTRA QUALITY METRICS

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

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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, 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.

ALSO.	~	
Attorney i	Jocket.	No.:

2771-US

WITNESSED BY:

WIT	NESSED BY:	ASSIGNED BY:
Date: Witness signature: Witness name: Witness address:	11/20 	Matthew SENDELBACH
Date: Witness signature: Witness name: Witness address:		Shay YOGEV
Date:		Paul ISBESTER
Witness signature:		
Witness name:		
Witness address:		

WITNESSED BY:

ASSIGNED BY:

Date:	Matthew SENDELBACH
Witness signature:	
Witness name:	
Witness address:	
Date: 5,2020	Shay YOGEY
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Witness address:	
Date:	Paul ISBESTER
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WITNESSED BY:

ASSIGNED BY:

Date:	Matthew SENDELBACH
Witness signature:	
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Witness address:	
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Date:	Shay YOGEV
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Date: 7-16/19	Paul ISBESTER
Witness signature:	
Witness name: SUSAN EMANS	······································
Witness address: 14 VICTOY Drive	···
MEANLY NY 1775	***