505326099 02/12/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GILAD BARAK	04/15/2015
TAL VERDENE	04/15/2015
MICHAL YANCHINI	04/15/2015
DROR SHAFIR	04/15/2015
SHAY WOLFLING	04/15/2015
CHANGMAN MOON	01/15/2015

RECEIVING PARTY DATA

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Internal Address:	P.O.B. 266
City:	REHOVOT
State/Country:	ISRAEL
Postal Code:	7610201

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15119306

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SIGNATURE:	/Erin D. Geraghty/
DATE SIGNED:	02/12/2019

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Total Attachments: 4

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ASSIGNMENT

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Full Name of Inventor:

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For good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, the undersigned agree(s) to assign, and hereby do (does) applical transfer and set over to

Name of Assignee

Kova Measuring Instruments Ltd.

israeli Company, or

Address of Assignee

Weizmann Scientific Park

P.O.B. 266 Rebovot 7610261

Israel

(hereinafter designated as the Assignee) the entire right, title and interest for the United States, its territories, dependencies and possessions and elsewhere throughout the world, in the incention, and all applications for patent and any Leiters Patent which may be gradied therefore, as well as the right to claim priority from the first application filed

Zinke OYERLAY DESIGN OPTIMIZATION

for which the undersigned has these) executed an application for parent in the United States of America, the

is after hed herero.

was filed on 16 Paliculary 2015 as Application Serial No. PCT01.2015/000174

- 1) The undersigned agree(s) to execute all papers necessary in connection with the application and any committing or divisional or reissne applications thereof and also to execute separate assignments in connection with such applications at the Assignee may deem necessary or expedient of essential to its full protection and fille in and to the invention hereby transferred.
- 2) The undereigned agree(s) to execute all papers accessary in connection with any interference which may be declared concerning this application or continuation or division or re-issue thereof and to exoperate with the Assigner in every way possible in abstraining evidence and point forward with each interference.
- 3) The undersigned agree(s) to perform all affectative acts which may be necessary to obtain a grant of a valid. United States parent to the Ausigner.
- 4) The undersigned agree(s) to communicate to the Audignose or representatives thereof any facts known to me (us) respecting the invention and improvements thereof, and will opon request, but without expense to me (us), techty in any logal proceedings regarding the invention.
- 5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they tuve) full right to convey the entire interest herein assigned, and that he has (they have) not evecuted and will not execute, any agreement in conflict herewith
- 6) The undersigned hereby genti(s) the funi of REINHOLD COHN AND PARTNERS the power to insect on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.
 - 7) All existing rights and future rights relating to the invention are hereby assigned
- 8) This Assignment shall be binding upon my (our) heirs, executors, administrators, and/or assigns, and shall more to the benefit of the heirs, executors, administrators, successors and/or assigns of the Assignee.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Full Name of Inventor:	Gilad BARAK	(
Inventor's Signature:			Date:	Apr. 1	
Fell Name of Inventor:	Tal Verdene 🖯			·····	· · · · · · · · · · · · · · · · · · ·
inventor's Signature.			Onvec	472	
Full Name of Inventor:	Michal YACHINI			ordin franktischer	min management
Inventor's Signature:			Date	<u> </u>	(\$` 7##\$\
Full Name of Inventors	Orer SHAFIE		and the second s	······································	
Inventor's Signatures	400 mm (100 mm)		Daie	Apr. 1	
Full None of inventor.	Changram MOON		www.manacatatatata	· · · · · · · · · · · · · · · · · · ·	national and the second
Inventor's Signature					
East Name of Inventor.	Shay WOLFLING			and a second and the	
laveator's Signature:				<u> </u>	<u> </u>
Date	<u> </u>		C. Karre, V		
Date	Wieness				ortholikalist Canada, an anna 22

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Citizenship: South Korean

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Republic of Korea

Full Name of Inventor: Shay WOLFLING

Citizenship: Isracli

Post Office Address: 17/1 Nahai Dan St.,

Kiryat Ono 5545020

Israel

For good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, the undersigned agree(s) to assign, and hereby do (does) assign, transfer and set over to

Name of Assignee Nova Measuring Instruments Ltd.

Israeli Company, of

Address of Assignee Weizmann Scientific Park

P.O.B. 266 Rehovot 7610201

Israel

(hereinafter designated as the Assignee) the entire right, title and interest for the United States, its territories. dependencies and possessions and elsewhere throughout the world, in the invention, and all applications for patent and any Letters Patent which may be granted therefore, as well as the right to claim priority from the first application filed for the invention known as

Title **OVERLAY DESIGN OPTIMIZATION**

for which the undersigned has (have) executed an application for patent in the United States of America, the specification of which:

is attached hereto.

was filed on 16 February 2015 as Application Scrial No. 15/119,306

RECORDED: 02/12/2019

- 1) The undersigned agree(s) to execute all papers necessary in connection with the application and any continuing or divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient or essential to its full protection and title in and to the invention hereby transferred.
- 2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division or re-issue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.
- 3) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a gram of a valid United States patent to the Assignee.
- 4) The undersigned agree(s) to communicate to the Assignce or representatives thereof any facts known to me (us) respecting the invention and improvements thereof, and will, upon request, but without expense to me (us), testify in any legal proceedings regarding the invention.
- 5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignce, as Assignce of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.
- 6) The undersigned hereby grant(s) the firm of REINHOLD COHN AND PARTNERS the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document,
 - 7) All existing rights and future rights relating to the invention are hereby assigned
- 8) This Assignment shall be binding upon my (our) heirs, executors, administrators, and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors and/or assigns of the Assignee.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Full Name of Inventor:	Gilad BARAK	
Inventor's Signature:		Date:
Full Name of Inventor:	Tal VERDENE	
Inventor's Signature:		Date:
Full Name of Inventor:	Michal YACHINI	
Inventor's Signature:		Date:
Full Name of Inventor:	Dror SHAFIR	
Inventor's Signature:		Date:
Full Name of Inventor:	Changman MOOX	Sp.
Inventor's Signature:	MUETO	_ Date: JAN 09, 201
Full Name of Inventor:	Shay WOLFLING	
Inventor's Signature;		Date:
Date	Witness	
Date	Witness	

PATENT

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