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| PATENT ASSIGNMENT COVER SHEET |
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EPAS ID: PAT4116269

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| NADAV GUTMAN | 09/24/2016 |
| YOEL FELER | 09/22/2016 |
| VLADIMIR LEVINSKI | 10/09/2016 |
| ODED KAMINSKY | 10/19/2016 |
| RECEIVING PARTY DATA | |
| Name: | KLA-TENCOR CORPORATION |
| Street Address: | ONE TECHNOLOGY DRIVE |
| City: | MILPITAS |
| State/Country: | CALIFORNIA |
| Postal Code: | 95035 |
| PROPERTY NUMBERS Total: 2 | |
| Property Type | Number |
| Application Number: | 62201975 |
| Application Number: | 15302052 |
| CORRESPONDENCE DATA | |
| Fax Number: | (716)849-0349 |
| <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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| Address Line 2: | 140 PEARL STREET, SUITE 100 |
| Address Line 4: | BUFFALO, NEW YORK 14202 |
| ATTORNEY DOCKET NUMBER: | 078697.00032(P4541US1) |
| NAME OF SUBMITTER: | NICOLE L. KRAMER |
| SIGNATURE: | /nicole l kramer/ |
| DATE SIGNED: | 10/27/2016 |
| Total Attachments: 4 | |

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ASSIGNMENT

In consideration of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, Nadav Gutman, residing at 11 Dror, Unit 12, Zichron Ya'aquov 3091784, Israel; Yoel Feler, residing at Derech Yad LeBanim 82/2, Haifa 32163, Israel; Vladimir Levinski, residing at Hermon 9, Migdal HaEmek 23100, Israel; and Oded Kaminsky, residing at 25 Menachem Begin St., Givat Shemuel 5401777, Israel, the undersigned

Hereby sell, assign and transfer to KLA-Tencor Corporation, having a place of business at One Technology Drive, Milpitas, California 95035, its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions disclosed in the following patent applications:

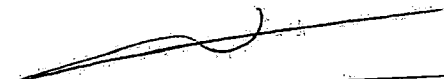
| Country | Patent Application No. | Filing Date | Title |
|---------|------------------------|----------------|---|
| WO | PCT/US2016/045594 | August 4, 2016 | Focus Metrology and Targets Which Utilize Transformations Based on Aerial Images of the Targets |
| US | 62/201,975 | August 6, 2015 | Focus Metrology and Targets Which Utilize Transformations Based on Aerial Images of the Targets |

And in and to said applications and all applications that claim priority to any of the aforementioned applications including all divisional, continuation, reissue, and continuation-in-part applications, or national or regional phase applications thereof, which have been or shall be filed in the United States and all foreign countries on any of said inventions; all rights of priority to any of the aforementioned applications; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said inventions;

Agree that said Assignee may apply for and receive Patents for said inventions in its own name; and agree that, when requested, shall execute all rightful oaths or declarations, assignments, powers of attorney, and other papers 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


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.

Date: 24 Sep 2011



Nadav Gutman

Date: September 22nd, 2016



Yoel Feler

Date: _____

Vladimir Levinski

Date: _____

Oded Kaminsky

Assignment to P4541US1.

Agree that said Assignee may apply for and receive Patents for said inventions in its own name; and agree that, when requested, shall execute all rightful oaths or declarations, assignments, powers of attorney, and other papers 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

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.

Date: _____

Nadav Gutman

Date: _____

Yoel Feler

Date: 9-Oct-2016



Vladimir Levinski

Date: _____

Oded Kaminsky

Assignment to P4541US1

Agree that said Assignee may apply for and receive Patents for said inventions in its own name; and agree that, when requested, shall execute all rightful oaths or declarations, assignments, powers of attorney, and other papers 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

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.

Date: _____

Nadav Gutman

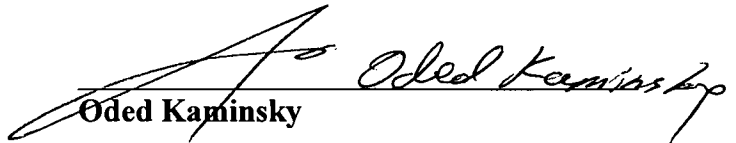
Date: _____

Yoel Feler

Date: _____

Vladimir Levinski

Date: 19-Oct-16



Oded Kaminsky