PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6107652

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NATALIA MALKOVA	08/05/2019
MING DI	05/14/2020
DAWEI HU	08/05/2019
LEONID POSLAVSKY	08/08/2019
QIANG ZHAO	08/01/2019

RECEIVING PARTY DATA

Name:	KLA CORPORATION
Street Address:	ONE TECHNOLOGY DRIVE
City:	MILPITAS
State/Country:	CALIFORNIA
Postal Code:	95035

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16529495

CORRESPONDENCE DATA

Fax Number:

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.

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Correspondent Name: JOSEPH S SPANO

Address Line 1: 851 BURLWAY ROAD, SUITE 407
Address Line 4: BURLINGAME, CALIFORNIA 94010

ATTORNEY DOCKET NUMBER:	KLA-047-2C (P4246CON3)
NAME OF SUBMITTER:	JOSEPH S. SPANO
SIGNATURE:	/Joseph S. Spano/
DATE SIGNED:	05/14/2020

Total Attachments: 5

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PATENT REEL: 052668 FRAME: 0036

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PATENT REEL: 052668 FRAME: 0037 Assignment of application entitled: "Dispersion Model For Band Gap Tracking" Docker Number: KLA-047-2C (P4246CON3)

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Inventor's Signature		ne Zhao Printed Name	Date	
	De	setHu		
Inventor's Signature		Printed Name	Date	

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, we, Natalia Malkova, 290 Carrick Circle, Hayward, California 94542; Leonid Poslavsky, 2636 Monte Cresta Drive, Belmont, California 94002; Ming Di, 26019 Tarragon Street, Hayward, California 94544; Qiang Zhao, 191 Douglas Court, Milpitas, California 95035; and Dawei Hu, 8-501, Lane #350, Shanghai 201114, China, (hereinafter referred to as ASSIGNORS), having post office addresses that follow our names, are the joint inventors of the invention described and claimed in the specification forming part of the United States patent application entitled "Dispersion Model For Band Gap Tracking," which was filed on August 1, 2019, and now has U.S. Application Ser. No. 16/529,495.

WHEREAS, KLA Corporation, (hereafter referred to as ASSIGNEE), a corporation organized under the laws of Delaware and having a place of business at One Technology Drive, Milpitas, California 95035, is desirous of acquiring the entire right, title, and interest in and to the invention and in and to any letters patents that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign, and transfer unto said ASSIGNEE, its successors and assigns, the entire right, title, and interest in and to said invention, said application and any and all letters patents which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues, and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE, its successors and assigns, and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty, or otherwise, said invention, application and all letters patents on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer, and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patents on said invention to ASSIGNEE, its successors and assigns. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patents on said invention, for litigation regarding said letters patents, or for the purpose of protecting title to said invention or letters patents therefor,

IN WITNESS WHEREOF, We have hereunto signed our names on the day and year set forth below.

Inventor's Signature	<u>Natalia Malkova</u> Inventor's Printed Name	<u>08/05/2019</u> Date	
Inventor's Signature	Leonid Poslavsky Inventor's Printed Name	Date	

Inventor's Signature	Ming Di Inventor's Printed Name	Date	
Inventor's Signature	<u>Qiang Zhao</u> Inventor's Printed Name	Date	
Y 7 ~		0: - / - 4	

Dawei Hu
Inventor's Printed Name

Assignment of application entitled: "Dispersion Model For Band Gap Tracking" Docket Number: KLA-047-2C (P4246CON3)

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NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign, and transfer unto said ASSIGNEE, its successors and assigns, the entire right, title, and interest in and to said invention, said application and any and all letters patents which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues, and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE, its successors and assigns, and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty, or otherwise, said invention, application and all letters patents on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer, and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patents on said invention to ASSIGNEE, its successors and assigns. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patents on said invention, for litigation regarding said letters patents, or for the purpose of protecting title to said invention or letters patents therefor.

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	Natalia Malkova		
Inventor's Signature	Inventor's Printed Name	Date	
The Make	Leonid Poslavsky	<u> 19</u>	
Inventor's Signature	Inventor's Printed Name	/ Date	

PATENT REEL: 052668 FRAME: 0041 Assignment of application entitled: "Dispersion Model For Band Gap Tracking" Docket Number: KLA-047-2C (P4246CON3)

Inventor's Signature	Ming Di Inventor's Printed Name	Date
Inventor's Signature	<u>Qiang Zhao</u> Inventor's Printed Name	S(1/2019 Date
Inventor's Signature	Dawei Hu Inventor's Printed Name	Date