504392478 06/01/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4439175

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MARK GHINOVKER	02/07/2017
MICHAEL ADEL	02/07/2017
WALTER D. MIEHER	02/10/2017
ADY LEVY	05/16/2017
DAN WACK	11/04/2016

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15136855

CORRESPONDENCE DATA

Fax Number: (408)228-3739

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.

Phone: 510-900-9501

Email: docket@kwanip.com **Correspondent Name: KWAN & OLYNICK LLP**

Address Line 1: 2000 HEARST AVENUE, SUITE 305 Address Line 4: BERKELEY, CALIFORNIA 94709

ATTORNEY DOCKET NUMBER:	KLA1P149D1C3/P1563D1C3
NAME OF SUBMITTER:	AMBER LUNDY
SIGNATURE:	/Amber Lundy/
DATE SIGNED:	06/01/2017

Total Attachments: 6

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ASSIGNMENT OF PATENT APPLICATION

Whereas I, an undersigned inventor, have invented certain new and useful improvements as set forth in the following patent applications:

set forth in the following patent applications:			
(1) the U.S. patent application entitled: APPARATUS FOR MEASURING OVERLAY ERRORS (Atty. Docket No. KLA1P149D1C3/P1563D1C3), (check one)			
for which I have executed a U.S. patent application on even date herewith. (Accompanying) which bears U.S. application No. <u>15/136,855</u> (Not accompanying)			
For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, an undersigned inventor, hereby:			
1) Sell, assign and transfer to KLA-Tencor Corporation, a Delaware corporation having a place of business at One Technology Drive, Milpitas, California 95035 ("ASSIGNEE"), the entire right, title and interest in any and all improvements and inventions disclosed in, applications based upon, and patents granted upon (including foreign patents and the right to claim priority), the above-referenced applications.			
2) Authorize and request the Commissioner of Patents to issue any and all United States Patents resulting from said application or any division, continuation, substitute, renewal, re-examination or reissue thereof to the ASSIGNEE.			
3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.			
4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the ASSIGNEE, its successors, assigns and other legal representatives, and shall be binding upon the inventor, as well as the inventor's heirs, legal representatives and assigns.			
5) Warrant and represent that I have not entered and will not enter into any assignment, contract, or understanding that conflicts with this assignment.			
Signed on the date indicated beside my signature.			
1) Signature: Date: FEB 7,2017 Typed Name: Mark Ghinovker			
Please have two witnesses (for the execution of this document) sign below: 1) Signature: Date: Printed Name:			
2) Signature: Date: Date:			

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Page 1 of 2

Assignment of APPARATUS FOR MEASURING OVERLAY ERRORS by Mark Ghinovker, Michael Adel, Walter D. Michael, Ady Levy and Dan Wack and to KLA-Tencor Corporation

KLA1P149D1C3/P1563D1C3

2)	Signature: Typed Name: Michael Adel	Date:
Plea 1)	use have two witnesses (for the execution of this doc Signature: Printed Name:	D 1
2)	Signature: Printed Name;	Date:
3)	Signature: <u>UACS</u> , Moloc Typed Name: Walter D. Mieher	Date: 2/10/17
Plea 1)	nse have two witnesses (for the execution of this doc Signature: Printed Name:	F 3
2)	Signature: Printed Name:	Date:
4)	Signature: Typed Name: Ady Levy	Date:
Plea 1)	use have two witnesses (for the execution of this doc Signature: Printed Name:	TC .
2)	Signature: Printed Name:	Date:
5)	Signature: Typed Name: Dan Wack	Date:
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2)	Signature: Printed Name:	Date:

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Page 2 of 2

ASSIGNMENT OF PATENT APPLICATION

Whereas I, an undersigned inventor, have invented certain new and useful improvements as

set fo	rth in the following patent applications:
	e U.S. patent application entitled: APPARATUS FOR MEASURING OVERLAY ERRORS v. Docket No. KLA1P149D1C3/P1563D1C3), (check one)
	for which I have executed a U.S. patent application on even date herewith. (Accompanying) which bears U.S. application No. <u>15/136,855</u> (Not accompanying)
ackno	For good and valuable consideration, the receipt and sufficiency of which is hereby owledged, I, an undersigned inventor, hereby:
title a	Sell, assign and transfer to KLA-Tencor Corporation, a Delaware corporation having a place siness at One Technology Drive, Milpitas, California 95035 ("ASSIGNEE"), the entire right, and interest in any and all improvements and inventions disclosed in, applications based upon, patents granted upon (including foreign patents and the right to claim priority), the above-enced applications.
	Authorize and request the Commissioner of Patents to issue any and all United States Patents ing from said application or any division, continuation, substitute, renewal, re-examination or the thereof to the ASSIGNEE.
appli	Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, rm any acts which are reasonably necessary in connection with the prosecution of said cation, as well as any derivative applications thereof, foreign applications based thereon, and/or afforcement of patents resulting from such applications.
	Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of SSIGNEE, its successors, assigns and other legal representatives, and shall be binding upon the tor, as well as the inventor's heirs, legal representatives and assigns.
5) or un	Warrant and represent that I have not entered and will not enter into any assignment, contract, derstanding that conflicts with this assignment.
Signe	d on the date indicated beside my signature.
1)	Signature: Date: Typed Name: Mark Ghinovker
Pleas	e have two witnesses (for the execution of this document) sign below:
1)	Signature: Date: Printed Name:
2)	Signature: Date: Printed Name:

Page 1 of 2

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D, M	licher, Ady Levy and Dan Wack and to KLA-Tencor Cor	poration KLAIP149D1C3/P1563D1C3
2)	Signature: Typed Name: Michael Allel	Date: 2/7/17
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1)	Signature: Printed Name:	A CONTRACTOR OF THE CONTRACTOR
2)	Signature: Printed Name:	Date:
3)	Signature: Typed Name: Walter D. Micher	Date:
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2)	Signature: Printed Name:	Date:
4)	Signature: Ady Levy	Date: 5/16/2017-
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2)	Signature: Printed Name:	Date:
5)	Signature: Typed Name: Dan Wack	Date:
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2)	Signature: Printed Name:	Date:

Assignment of APPARATUS FOR MEASURING OVERLAY ERRORS by Mark Ghinovker, Michael Adel, Walter

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Page 2 of 2

ASSIGNMENT OF PATENT APPLICATION

Whereas I, an undersigned inventor, have invented certain new and useful improvements as set forth in the following patent applications:

set fo	orth in the follow:	ing patent applications:			
		plication entitled: APPAI LA1P149D1C3/P1563D1C3		ASURING OVERL	AY ERRORS
		have executed a U.S. patrs U.S. application No. <u>1</u>			Accompanying)
ackn	•	d valuable consideration indersigned inventor, here	•	d sufficiency of wh	ich is hereby
title and	usiness at One Te and interest in ar	nd transfer to KLA-Tenco echnology Drive, Milpita ny and all improvements upon (including foreign ns.	s, California 9503 and inventions dis	35 ("ASSIGNEE"), the sclosed in, application	ne entire right, ns based upon,
		request the Commission pplication or any division ASSIGNEE.			
appli	orm any acts wl cation, as well as	cute all papers and doc hich are reasonably nec s any derivative application tents resulting from such	essary in connectors thereof, foreign	tion with the prosec	cution of said
	ASSIGNEE, its su	terms, covenants and cor accessors, assigns and oth te inventor's heirs, legal re	er legal representa	tives, and shall be bit	
5) or un		epresent that I have not er conflicts with this assign		enter into any assign	ment, contract,
Sign	ed on the date ind	dicated beside my signatur	re.		
1)	Signature: Typed Name:	Mark Ghinovker		Date:	_
Pleas	se have two witne	esses (for the execution of	this document) si	gn below:	
1)	Signature: Printed Name:			Date:	_
2)	Signature: Printed Name:	<u> </u>		Date:	_

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2)	Signature: Typed Name: Michael Adel	Date:
Plea 1)	ase have two witnesses (for the execution of this Signature: Printed Name:	
2)	Signature: Printed Name:	Date:
3)	Signature: Typed Name: Walter D. Mieher	Date:
Plea 1)	ase have two witnesses (for the execution of this Signature: Printed Name:	, -
2)	Signature: Printed Name:	Date:
4)	Signature: Typed Name: Ady Levy	Date:
Plea: 1)	ase have two witnesses (for the execution of this Signature: Printed Name:	Data
2)	Signature: Printed Name:	Date:
5)	Signature: Dain Wack Typed Name: Dan Wack	Date: 11/4/2016
Pleas 1)	se have two witnesses (for the execution of this Signature: Printed Name:	, D
2)	Signature: Printed Name:	Date:

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RECORDED: 06/01/2017

PATENT

REEL: 042561 FRAME: 0634