

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT5070843

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
PRADEEP VUKKADALA	06/27/2018
MARK D. SMITH	06/29/2018
ADY LEVY	07/02/2018
PRASANNA DIGHE	07/18/2018
DIETER MUELLER	07/17/2018
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:	16019341
CORRESPONDENCE DATA	
Fax Number:	(402)496-0333
<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>	
Phone:	402.496.0300
Email:	file@suiter.com
Correspondent Name:	SUITER SWANTZ/KLA JOINT CUSTOMER NUMBER
Address Line 1:	14301 FNB PARKWAY
Address Line 2:	SUITE 220
Address Line 4:	OMAHA, NEBRASKA 68154-5299
ATTORNEY DOCKET NUMBER:	KLA P5257
NAME OF SUBMITTER:	MATTHEW A. POULSEN
SIGNATURE:	/matthew a poulsen/
DATE SIGNED:	07/27/2018
Total Attachments: 7	

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Please return signed/Recorded to:

CUSTOMER No. 78238
Matthew A. Poulsen
SUITER • SWANTZ PC LLO
14301 FNB Parkway, Suite 220
Omaha, NE 68154-5299

ASSIGNMENT OF U.S. PATENT APPLICATION
(sole or joint inventor(s))

WHEREAS, the undersigned, to wit:

- 1) Pradeep Vukkadala
- 2) Mark D. Smith
- 3) Ady Levy
- 4) Prasanna Dighe
- 5) Dieter Mueller

(hereinafter collectively ASSIGNOR), have made application for United States Letters Patent

- (a) _____ which was executed and is being filed herewith in the United States Patent and Trademark Office, titled _____.
- (b) _____ which was filed on _____ and titled _____.
- (c) X which was filed on June 26, 2018 and known as Appln. No. 16/019,341 , titled PROCESS-INDUCED DISPLACEMENT CHARACTERIZATION DURING SEMICONDUCTOR PRODUCTION.

AND WHEREAS, KLA-Tencor Corporation (hereinafter ASSIGNEE), organized and existing under the laws of Delaware, and having its principal place of business at One Technology Drive, Milpitas, CA, 95035, is desirous of acquiring our entire right, title and interest in and to the invention, and in and to the said application and any Patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR does hereby sell, assign and transfer unto ASSIGNEE, its successors, assigns and legal representatives its entire right, title and interest in and to said invention and in and to said application and all patents which may be granted therefore, and all divisions, reissues, substitutions, continuations, continuations-in-part and extensions thereof; and ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as ASSIGNOR's

interest is concerned, to the said ASSIGNEE of ASSIGNOR's entire right, title and interest.

ASSIGNOR also hereby sells and assigns to said ASSIGNEE, its successors, assigns and legal representatives the full and exclusive rights, title and interest to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and

ASSIGNOR further agrees to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title and interest in ASSIGNEE, its successors, assigns and legal representatives.

ASSIGNOR hereby further agrees to communicate with said ASSIGNEE, or its successors, assigns and legal representatives, any facts known to us respecting any improvements; and, at the expense of said ASSIGNEE, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make all lawful oaths, and generally do everything possible to vest title in said ASSIGNEE and to aid said ASSIGNEE, its successors, assigns and legal representatives to obtain and enforce proper protection for said invention in all countries.

ASSIGNOR hereby grant(s) the firm of SUITER • SWANTZ PC LLO or its agents the power to insert on this assignment any further identification, including but not limited to application number(s) and filing dates, which may be necessary or desirable in order to comply with any rule or request of the United States Patent and Trademark office for the purposes of recording this document.

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

First named inventor

Name: Pradeep Vukkadala (Affirmed) Date: June 27, 2018
Pradeep Vukkadala

Witness Signature: Saibal Bawerjee

Witness Printed Name: SAIBAL BAWERJEE

Witness Address: 43196 PALM PLACE
FREMONT, CA 94539

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

Second named inventor

Name: 
Mark D. Smith

Date: 6/29/18

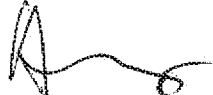
Witness Signature: 

Witness Printed Name: SAIBAL BANERJEE

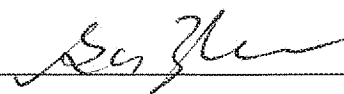
Witness Address: 43196 PALM PLACE
FREMONT, CA 94539

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

Third named inventor

Name: 
Ady Levy

Date: 7/2/2018


Witness Signature: 

Witness Printed Name: Sa Zhao

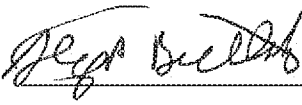
Witness Address: 3 Technology Drive
Milpitas, CA

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

Fourth named inventor

Name: 
Prasanna Dighe

Date: 7/18/2018

Witness Signature: 

Witness Printed Name: Stephen Bellak

Witness Address: Technology Dr.
Milpitas, CA 95035

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

Fifth named inventor

Name: 
Dieter Mueller

Date: 7/17/18

Witness Signature: 

Witness Printed Name: 7/17/2018. RAVI DASAKA

Witness Address: 2016 SEERECK CT
SAN JOSE CA 95132