

## PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT3409001

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
NOAM SAPIENS	05/18/2015
KEVIN A. PETERLINZ	06/10/2015
ALEXANDER BUETTNER	05/11/2015
KERSTIN PURRUCKER	05/13/2015
ANDREI V. SHCHEGROV	06/11/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	KLA-TENCOR CORPORATION
<b>Street Address:</b>	ONE TECHNOLOGY DRIVE
<b>City:</b>	MILPITAS
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	95035
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14708454
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>	
<b>Phone:</b>	6503070332
<b>Email:</b>	isabelle@spanolawgroup.com
<b>Correspondent Name:</b>	JOSEPH S SPANO
<b>Address Line 1:</b>	851 BURLWAY ROAD, SUITE 407
<b>Address Line 4:</b>	BURLINGAME, CALIFORNIA 94010
<b>ATTORNEY DOCKET NUMBER:</b>	KLA-052 (P4623)
<b>NAME OF SUBMITTER:</b>	JOSEPH S. SPANO
<b>SIGNATURE:</b>	/Joseph S. Spano/
<b>DATE SIGNED:</b>	06/23/2015
<b>Total Attachments: 4</b>	
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source=KLA-052-P4623-Assignment-signed-Shchegrov#page1.tif

**PATENT**

**REEL: 035884 FRAME: 0639**

# ASSIGNMENT OF PATENT APPLICATION

WHEREAS, we, Noam Sapiens, 10403 Denison Drive, Cupertino, CA 95014; Kevin A. Peterlinz, 7566 May Way, San Ramon, CA 94583; Alexander Buettner, Hermann-Mehl Str. 4, 35781 Weilburg, Germany; Kerstin Purruicker, Fliederweg 1, 35625 Fliederweg 1, Germany; and Andrei V. Shchegrov, 2309 Montezuma Drive, Campbell, CA 95008, (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 "Optical Metrology With Small Illumination Spot Size," which was filed on May 11, 2015, and now has U.S. Application Ser. No. 14/708,454;

WHEREAS, KLA-Tencor 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

Noam Sapiens  
 \_\_\_\_\_  
 Inventor's Printed Name

5/18/15  
 \_\_\_\_\_  
 Date

\_\_\_\_\_  
 Inventor's Signature

Kevin A. Peterlinz  
 \_\_\_\_\_  
 Inventor's Printed Name

\_\_\_\_\_  
 Date

\_\_\_\_\_  
 Inventor's Signature

Alexander Buettner  
 \_\_\_\_\_  
 Inventor's Printed Name

\_\_\_\_\_  
 Date

**ASSIGNMENT OF PATENT APPLICATION**

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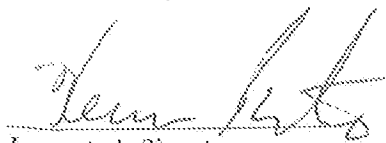
WHEREAS, KLA-Tencor Corporation, (hereafter referred to as ASSIGNEE), a corporation organized under the laws of Delaware and having a place of business at One Technology Drive, Milpitas, California 95035, is desirous of acquiring the entire right, title, and interest in and to the invention and in and 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.

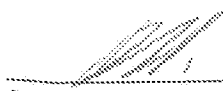
IN WITNESS WHEREOF, We have hereunto signed our names on the day and year set forth below.

\_\_\_\_\_  
Inventor's Signature      Noam Sapiens  
Inventor's Printed Name

\_\_\_\_\_  
Date

  
Inventor's Signature      Kevin A. Peterlinz  
Inventor's Printed Name

June 10, 2015  
Date

  
Inventor's Signature      Alexander Buettner  
Inventor's Printed Name

May 11, 2015  
Date

Assignment of application entitled: "Optical Metrology With Small Illumination Spot Size"  
Docket Number: KLA-052 (P4623)

K. Purrucker  
Inventor's Signature

Kerstin Purrucker  
Inventor's Printed Name

May 13, 2015  
Date

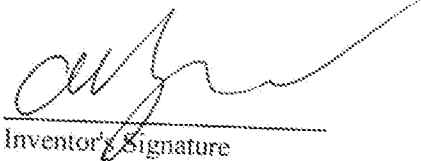
\_\_\_\_\_  
Inventor's Signature

Andrei V. Shchegrov  
Inventor's Printed Name

\_\_\_\_\_  
Date

Assignment of application entitled: "Optical Metrology With Small Illumination Spot Size"  
Docket Number: KLA-052 (P4623)

\_\_\_\_\_  
Inventor's Signature

  
\_\_\_\_\_  
Inventor's Signature

Kerstin Parrucker  
Inventor's Printed Name

\_\_\_\_\_  
Date

Andrei V. Shechegrov  
Inventor's Printed Name

6-11-15  
Date