

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Mahendra Prabhu Ramachandran</td> <td>05/08/2012</td> </tr> <tr> <td>Steven W. Meeks</td> <td>05/08/2012</td> </tr> <tr> <td>Romain Sappey</td> <td>05/08/2012</td> </tr> </tbody> </table>		Name	Execution Date	Mahendra Prabhu Ramachandran	05/08/2012	Steven W. Meeks	05/08/2012	Romain Sappey	05/08/2012		
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<table border="1"> <tr> <td>Name:</td> <td>KLA-Tencor Corporation</td> </tr> <tr> <td>Street Address:</td> <td>One Technology Drive</td> </tr> <tr> <td>City:</td> <td>Milpitas</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>95035</td> </tr> </table>		Name:	KLA-Tencor Corporation	Street Address:	One Technology Drive	City:	Milpitas	State/Country:	CALIFORNIA	Postal Code:	95035
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
<p>Fax Number: (646)304-1350 Phone: 212-861-1352 Email: mewherter@entropymatters.com <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Entropy Matters LLC Address Line 1: P.O. Box 2250 Address Line 4: NEW YORK, NEW YORK 10021</p>											
ATTORNEY DOCKET NUMBER:	5222-24200/P3676										
NAME OF SUBMITTER:	Ann Marie Mewherter										
Total Attachments: 3 source=Assignment24200P3676signed#page1.tif source=Assignment24200P3676signed#page2.tif source=Assignment24200P3676signed#page3.tif											

CH \$40.00 13472421

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, does hereby:

SELL, ASSIGN AND TRANSFER to KLA-TENCOR CORPORATION (the "Assignee"), a California corporation having its principal place of business at One Technology Drive, Milpitas, CA 95035 the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent submitted herewith entitled "SUBSTRATE INSPECTION," such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT that, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for securing, maintaining and enforcing proper patent protection for such improvements and for vesting title to such improvements in the Assignee; and

COVENANT AND AGREE that the above is and will be binding on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

(Signature) [Signature]
Name: Mahendra Prabhu Ramachandran

Date: 05/08/2012

STATE OF California §
COUNTY OF _____ §

BEFORE ME, the undersigned authority, on this 8 day of May 2012, personally appeared Mahendra Prabhu Ramachandran known to me to be the person whose name is subscribed to the foregoing instrument and acknowledge to me that he/she executed the same of his own free will for the purposes and consideration therein expressed.

[SEAL]

[Signature]
Witness, Notary or Consular Officer

(Signature) [Signature]
Name: Steven W. Meeks

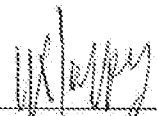
Date: 5/8/12

STATE OF California §
COUNTY OF _____ §

BEFORE ME, the undersigned authority, on this 8 day of May 2012, personally appeared Steven W. Meeks known to me to be the person whose name is subscribed to the foregoing instrument and acknowledge to me that he/she executed the same of his own free will for the purposes and consideration therein expressed.

[SEAL]

[Signature]
Witness, Notary or Consular Officer

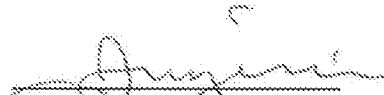
(Signature) 
Name: Romain Sappey

Date: 05/08/2012

STATE OF California §
§
COUNTY OF _____ §

BEFORE ME, the undersigned authority, on this 8 day of May 2012, personally appeared Romain Sappey known to me to be the person whose name is subscribed to the foregoing instrument and acknowledge to me that he/she executed the same of his own free will for the purposes and consideration therein expressed.

[SEAL]


Witness, Notary or Consular Officer

Customer No. 61507
Entropy Matters LLC
P.O. Box 2250
New York, NY 10021
(212) 861-1352