

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2579747

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>DANIEL KANDEL</td><td>10/06/2010</td></tr> <tr><td>VLADIMIR LEVINSKI</td><td>10/17/2010</td></tr> <tr><td>ALEXANDER SVIZHER</td><td>10/18/2010</td></tr> <tr><td>JOEL SELIGSON</td><td>10/19/2010</td></tr> <tr><td>OHAD BACHAR</td><td>10/17/2010</td></tr> <tr><td>AMNON MANASSEN</td><td>10/19/2010</td></tr> <tr><td>ILAN SELA</td><td>10/14/2010</td></tr> <tr><td>MOSHE MARKOWITZ</td><td>10/17/2010</td></tr> <tr><td>DARIA NEGRI</td><td>10/19/2010</td></tr> <tr><td>EFRAIM ROTEM</td><td>10/17/2010</td></tr> <tr><td>ANDREW HILL</td><td>11/23/2010</td></tr> <tr><td>YUNG-HO ALEX CHUANG</td><td>11/18/2010</td></tr> </tbody> </table>		Name	Execution Date	DANIEL KANDEL	10/06/2010	VLADIMIR LEVINSKI	10/17/2010	ALEXANDER SVIZHER	10/18/2010	JOEL SELIGSON	10/19/2010	OHAD BACHAR	10/17/2010	AMNON MANASSEN	10/19/2010	ILAN SELA	10/14/2010	MOSHE MARKOWITZ	10/17/2010	DARIA NEGRI	10/19/2010	EFRAIM ROTEM	10/17/2010	ANDREW HILL	11/23/2010	YUNG-HO ALEX CHUANG	11/18/2010
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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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CORRESPONDENCE DATA																											
Fax Number:																											
Email:	mewherter@entropymatters.com																										
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>																											
Correspondent Name:	ENTROPY MATTERS LLC																										

CH \$40.00 13865104

Address Line 1: P.O. BOX 2250
Address Line 4: NEW YORK, NEW YORK 10021

ATTORNEY DOCKET NUMBER: 5222-23301/P3456C1

NAME OF SUBMITTER: ANN MARIE MEWHERTER

Signature: /Ann Marie Mewherter/

Date: 10/16/2013

Total Attachments: 14

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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, Serial No. 12/872,988 entitled "METROLOGY SYSTEMS AND METHODS," 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) 
Name: Daniel Kandel

Date: Oct. 6, 2010

COUNTRY OF Israel §
§
§

BEFORE ME, the undersigned authority, on this 6 day of October ¹⁰, personally appeared Daniel Kandel 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]


Notary or Consular Officer

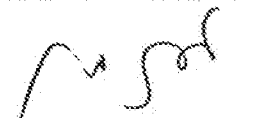
(Signature) 
Name: Vladimir Levinski

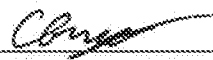
Date: Oct. 17, 2010

COUNTRY OF Israel §
§
§

BEFORE ME, the undersigned authority, on this 17 day of October ¹⁰, personally appeared Vladimir Levinski 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]


Notary or Consular Officer

(Signature) 
Name: Alexander Svizher

Date: 18.10.10

COUNTRY OF Israel §
§
§

BEFORE ME, the undersigned authority, on this 18 day of October ^{'10}, personally appeared Alexander Svizher 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]


Notary or Consular Officer

(Signature) 
Name: Joel Seligson

Date: OCT. 19, 2010

COUNTRY OF Israel §
§
§

BEFORE ME, the undersigned authority, on this 19 day of October ^{'10}, personally appeared Joel Seligson 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]


Notary or Consular Officer

(Signature) _____
Name: Andrew Hill

Date: _____

STATE OF California §
§
COUNTY OF _____ §

BEFORE ME, the undersigned authority, on this _____ day of _____, personally appeared Andrew Hill 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]

Notary or Consular Officer

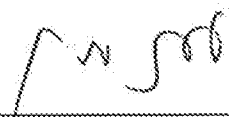
(Signature) A. Hill
Name: Ohad Bachar

Date: 17-Oct-2010

COUNTRY OF Israel §
§
§

BEFORE ME, the undersigned authority, on this 17 day of October '10 personally appeared Ohad Bachar 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]



Notary or Consular Officer

(Signature) Amnon Manassen
Name: Amnon Manassen

Date: 19 Oct 2010

COUNTRY OF Israel §
§
§

BEFORE ME, the undersigned authority, on this 19 day of October, personally appeared Amnon Manassen 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]
Notary or Consular Officer

(Signature) _____
Name: Yung-Ho Alex Chuang


Date: _____

STATE OF California §
§
COUNTY OF _____ §

BEFORE ME, the undersigned authority, on this _____ day of _____, personally appeared Yung-Ho Alex Chuang 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]

Notary or Consular Officer

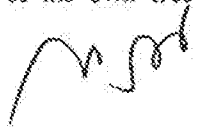
(Signature) 
Name: Ilan Sela

Date: 14/10/10

COUNTRY OF Israel §
§
§

BEFORE ME, the undersigned authority, on this 14 day of October '10, personally appeared Ilan Sela 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]



Notary or Consular Officer

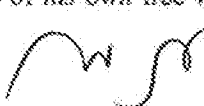
(Signature) Moshe Markowitz
Name: Moshe Markowitz

Date: 17.10.2010

COUNTRY OF Israel §
§
§

BEFORE ME, the undersigned authority, on this 17 day of October '10, personally appeared Moshe Markowitz 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]



Notary or Consular Officer

(Signature) [Signature]
Name: Daria Negri

Date: 19/10/10

COUNTRY OF Israel §
§
§

BEFORE ME, the undersigned authority, on this 19 day of October, personally appeared Daria Negri 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]
Notary or Consular Officer

(Signature) [Signature]
Name: Efraim Rotem

Date: Oct. 17, 2010

COUNTRY OF Israel §
§
§

BEFORE ME, the undersigned authority, on this 17 day of October, personally appeared Efraim Rotem 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]
Notary or Consular Officer

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

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, Serial No. 12/872,988 entitled "METROLOGY SYSTEMS AND METHODS," 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) _____
Name: Daniel Kandel

Date: _____

COUNTRY OF Israel §
§
§

BEFORE ME, the undersigned authority, on this _____ day of _____, personally appeared Daniel Kandel 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]

Notary or Consular Officer

(Signature) _____
Name: Vladimir Levinski

Date: _____

COUNTRY OF Israel §
§
§

BEFORE ME, the undersigned authority, on this _____ day of _____, personally appeared Vladimir Levinski 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]

Notary or Consular Officer

(Signature) _____
Name: Alexander Svizher

Date: _____

COUNTRY OF Israel §
§
§

BEFORE ME, the undersigned authority, on this _____ day of _____, personally appeared Alexander Svizher 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]

Notary or Consular Officer

(Signature) _____
Name: Joel Seligson

Date: _____

COUNTRY OF Israel §
§
§

BEFORE ME, the undersigned authority, on this _____ day of _____, personally appeared Joel Seligson 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]

Notary or Consular Officer

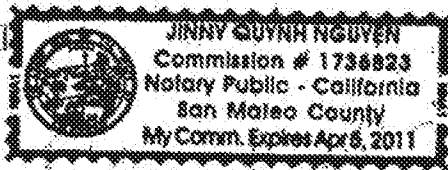
(Signature) [Signature]
Name: Andrew Hill

Date: 23 November 2010

STATE OF California §
COUNTY OF San Mateo §

BEFORE ME, the undersigned authority, on this 23 day of November 2010, personally appeared Andrew Hill 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]
Notary or Consular Officer

(Signature) _____
Name: Ohad Bachar

Date: _____

COUNTRY OF Israel §
§
§

BEFORE ME, the undersigned authority, on this _____ day of _____, personally appeared Ohad Bachar 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]

Notary or Consular Officer

(Signature) _____
Name: Amnon Manassen

Date: _____

COUNTRY OF Israel §
§
§

BEFORE ME, the undersigned authority, on this _____ day of _____, personally appeared Amnon Manassen 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]

Notary or Consular Officer

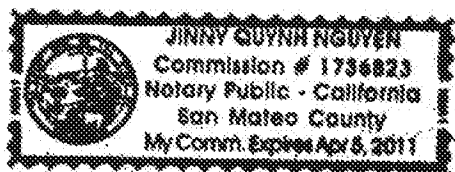
(Signature) Mr. Ho Alex
Name: Yung-Ho Alex Chuang

Date: Nov. 18, 2008

STATE OF California §
COUNTY OF San Mateo §
§

BEFORE ME, the undersigned authority, on this 18 day of November 2010, personally appeared Yung-Ho Alex Chuang 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]



Jinny Guynn Nguyen
Notary or Consular Officer

(Signature) _____
Name: Ilan Sela

Date: _____

COUNTRY OF Israel §
 §
 §

BEFORE ME, the undersigned authority, on this _____ day of _____, personally appeared Ilan Sela 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]

Notary or Consular Officer

(Signature) _____
Name: Moshe Markowitz

Date: _____

COUNTRY OF Israel §
 §
 §

BEFORE ME, the undersigned authority, on this _____ day of _____, personally appeared Moshe Markowitz 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]

Notary or Consular Officer

(Signature) _____
Name: Daria Negri

Date: _____

COUNTRY OF Israel §
§
§

BEFORE ME, the undersigned authority, on this _____ day of _____, personally appeared Daria Negri 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]

Notary or Consular Officer

(Signature) _____
Name: Efraim Rotem

Date: _____

COUNTRY OF Israel §
§
§

BEFORE ME, the undersigned authority, on this _____ day of _____, personally appeared Efraim Rotem 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]

Notary or Consular Officer

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