FORM PTO-1595	06-03-2	2005	U.S. DEPARTMENT OF COMMERCE
5-31-05			Patent and Trademark Office Atty. Dkt. No. 5589-07901
To the Honorable Commissioner of Patents and Tradem	403014	1175uments or e	opy thereof.
1. Name of conveying party(ies):	1000 =	2. Name and address of	
Zain K. Saidin, Yalin Xiong, Lance Gl Carl Hess, and Mosho E. Preil	asser,	1	cor Technologics Corp.
		Internal Address:	77.00
•		Street Address: O	ne Technology Drive
Additional nank(s) of conveying party(ics) attached?	/cs ⊠ No		Na language
		City: Milpitas	State: <u>CA</u> ZIP <u>95035</u>
		Additional name(s) & ad	dress(es) attached? 🔲 Yes 🖾 No
3. Nature of Conveyance:			
Execution Date: March 29, 2005			
4. Application number(s) or patent number(s):			
If this document is being filed together with a new ap	oplication, the execution de	te of this application is:	등 중 중
A. Patent Application No.(s) 11/048,630	B. Patent No.(s) Additional number	s attached? Yes No	
 Name and address of party to whom correspondence concerning document should be mailed: 		6. Total number of appli	cations and patents involved: ode (1)
Name:Daffer McDaniel, LLP			
Internal Address:			
Street Address: P.O. Box 684908			
City Auslin State TX ZIP 7876	8_4908	·	
		☐ Enclosed	1):s 40.00
		8. Deposit account numb	er: 50-3268/5589-07901 of this page if paying by deposit account)
The state of the s	DO NOT USE	THIS SPACE	4DE
9. Statement and Signature.	- 12-12-1		
To the best of my knowledge and belief, the foregoing	information is true and c	orrect and any attacked co	py is a true copy of the original document.
Ann Marie Mewherter Name of Person Signing	uncou	Signature	May 27, 2005
Reg. No. 50,484		Το	tal number of pages including cover sheet:9
OMB No. 0651-011 (exp.4/94)			

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PAGE 5/19 * RCVD AT 5/27/2005 3:45:34 PM [Eastern Daylight Time] * SVR:USPTO-EFXRF-1/0 * DNIS:8729306 * CSID:512 703 1259 * DURATION (mm-ss):10-20

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 <u>KLA-TENCOR TECHNOLOGIES CORPORATION</u> (the "Assignee"), a California corporation having its principal place of business at <u>One Technology Drive</u>, <u>Milpitas, CA 95035</u> 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. 11/048,630, entitled "<u>COMPUTER-IMPLEMENTED METHODS</u> FOR <u>DETECTING DEFICTS IN RETICLE DESIGN DATA</u>" 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 Assignce, 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.

1/8

Date: mar 29 2005 (Signature) Name: STATE OF California COUNTY OF SINTA BEFORE MB, the undersigned authority, on this 29 day of March , 2005, personally appeared Zain K. Saidin 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. Odeth H. Leller Notary or Consular Officer [SEAL] ODETTE H. DEVERA
Commission #1340844
Notary Public - California
Sante Clara County
My Comm. Expires Jan 21, 2005 (Signature) Name: STATE OF _California COUNTY OF Santa Clara BEFORE ME, the undersigned authority, on this 30 day of Ward, 2005, personally appeared Yalin Xiong 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] ODETTE H. DEVERA

Page 2 of 4

2/8

Commission #1340844
Notary Public - California
Santa Clara County
My Comm. Expires Jan 21, 2008

(Signature) Vanue: Lance Glasser

Date: 29 Mg 2005

STATE OF <u>California</u> § COUNTY OF <u>Santa Uaros</u>§

BEFORE MF, the undersigned authority, on this 2 day of Warh, 2005, personally appeared Lance Glasser 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]



Oditle H. dulla. Notary or Consular Officer

(Signature) Carl Hess

Date: 3/29/2005

STATE OF <u>California</u>

COUNTY OF SAVE Clava

BEFORE ME, the undersigned authority, on this 29 day of Ward, 2005, personally appeared Carl Hess known to me to be the person whose name is subscribed to the foregoing instrument and acknowledge to me that he/ske-executed the same of his own free will for the purposes and consideration therein expressed.

[SEAL]



Notary or Consular Officer

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PATENT

	5589-07901 P1379
(Signature) Name: Moshe E. Preil	
STATE OF <u>California</u> § § COUNTY OF §	
appeared Mosile II. Fred known to me to	be the person whose name is subscribed to the foregoing she executed the same of his own free will for the purposes
[SEAL]	
	Notary or Consular Officer

Customer No. 35617 Daffer McDaniel, LLP P.O. Box 684908 Austin, TX 78768-4908 (512) 476-1400

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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 TECHNOLOGIES CORPORATION (the "Assignce"), 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. 11/048,630, entitled "COMPUTER-IMPLEMENTED METHODS FOR DETECTING DEFECTS IN RETICLE DESIGN DATA." 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 Assignce.

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

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PAGE 10/19 * RCVD AT 5/27/2005 3:45:34 PM [Eastern Daylight Time] * SVR:USPTO-EFXRF-1/0 * DNIS:8729306 * CSID:512 703 1250 * DURATION (mm-ss):10-20

•	PATENT 5589-07901 P1379
(Signature)	Date:
\$ COUNTY OF \$	
BHFORE ME, the undersigned authority, on t appeared Zain K. Saidin known to me to be the prinstrument and acknowledge to me that he/she executand consideration therein expressed.	hisday of, 2005, personally arson whose name is subscribed to the foregoing ted the same of his own free will for the purposes
[SEAL]	
	Notary or Consular Officer
(Signature)	Date:
STATE OF <u>California</u> § COUNTY OF §	
BEFORE ME, the undersigned authority, on the appeared <u>Yalin Xiong</u> known to me to be the per- instrument and acknowledge to me that he/she execut and consideration therein expressed.	day of, 2005, personally son whose name is subscribed to the foregoing ed the same of his own free will for the purposes
[SEAL]	
	Notary or Consular Officer

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PAGE 11/19 * RCVD AT 5/27/2005 3:45:34 PM [Eastern Daylight Time] * SVR:USPTO-EFXRF-1/0 * DNIS:8729306 * CSID:512 703 1250 * DURATION (mm-ss):10-20

	PATENT 5589-07901 P1379
(Signature) Date: Name: Lance Glasser	
Name: Lance Glasser	
STATE OF <u>California</u> §	
STATE OF <u>California</u> § COUNTY OF §	
COUNTY OF g	
BEFORE ME, the undersigned authority, on this appeared Lance Glasser known to me to be the person who instrument and acknowledge to me that he/she executed the stand consideration therein expressed.	ose name is subscribed to the foregoing
[SEAL]	
Notary	or Consular Officer
(Signature) Date: _ Name: Carl Hess	
STATE OF California §	
. Š	
COUNTY OF §	
BEFORE ME, the undersigned authority, on this appeared <u>Carl Hoss</u> known to me to be the person whose name and acknowledge to me that he/she executed the same of l consideration therein expressed. [SEAL]	is subscribed to the foregoing instrument
Nolary	or Consular Officer

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PAGE 12/19 * RCVD AT 5/27/2005 3:45:34 PM [Eastern Daylight Time] * SVR:USPTO-EFXRF-1/0 * DNIS:8729306 * CSID:512 703 1250 * DURATION (mm-ss):10-20

(Signature) Mark Elul Date: 5/3/05 Name: Moshe E. Preil	PATENT 5589-0790 P1379
STATE OF <u>California</u> § COUNTY OF <u>Santa Clara</u> §	
BEFORE ME, the undersigned authority, on this day of way of 200 appeared Moshe E. Preil known to me to be the person whose name is subscribed to instrument and acknowledge to me that he/she executed the same of his own free will for and consideration therein expressed.	05, personally the foregoing the purposes
[SEAL] ODETTEH. DEVERA Commission #1340844 Notary Public - Galifornia Notary or Consular Officer	-

Customer No. 35617 Daffer McDaniel, LLP P.O. Box 684908 Austin, TX 78768-4908 (512) 476-1400

Page 4 of 4

DECLARATION/POWER OF ATTORNEY

hereby declare that:			
oss, and citizenship are as s	tated below next to my nar	ne,	
w) of the subject matter w	hich is claimed and for wh	ich a patent is	s sought on the
	ontents of the above-ident	ified specifica	tion, including
n the United States of Ame of any PCT international Country	rica, and have identified by application, having a file of the fil	elow any forc	ign application
er 35 U.S.C. § 119(e) of any	United States provisional	application(s)	listed below.
Filing Date		(-)	
01/29/2004			
ation listed below designary files application is not distinct the first paragraph of 35 arial to the patentability of 1.56, which became available.	ting the United States of a closed in the prior United U.S.C. § 112, I acknowled to the subject matter clai	America, and, States or PC edge the duty med in this	insofar as the l'international to disclose all application, as
Filing Date (mm/dd/yy)	Parent Patent No. (if a	pplicable) or S	itatus
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			lu
	st and sole inventor (if only sw) of the subject matter w. EMENTED METHODS F. (if any subject in the subject matter w. EMENTED METHODS F. (if any subject in the subject in	css, and citizenship are as stated bolow next to my nast and sole inventor (if only one name is listed below) why of the subject matter which is claimed and for whem the subject matter which is claimed and for whem the subject matter which is claimed and for whem the subject matter which is claimed and for whem the subject matter data for the subject of the subvection of the subject of the	css, and citizenship are as stated bolow next to my name. st and sole inventor (if only one name is listed below) or an original (if only of the subject matter which is claimed and for which a patent is LEMENTED METHODS FOR DETECTING DEFECTS IN RETION (If applicable). 2005 as Application Serial No. 11/048.630 (if applicable). cwed and understand the contents of the above-identified specification referred to above. isclose to the Patent and Trademark Office all information known nature claimed in this application, as "materiality" is defined in 37 C. benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application, or under § 365(a) of any PCT international application of any PCT international application, having a filing date before of any PCT international application, having a filing date before the first patent of the subject matter claimed in this application is not disclosed in the prior United States or America, and, this application is not disclosed in the prior United States or PCT international to the patentability of the subject matter claimed in this application. Filing Date (mm/dd/yy) Parent Patent No. (if applicable) or S (mm/dd/yy) Parent Patent No. (if applicable) or S (mm/dd/yy)

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Page 1 of 3

I hereby revoke any previous Powers of Atterney and appoint: Kevin McAndrews, Reg. No. 34,496 and Bernice Chen, Reg. No. 42,403 each said attorneys or agents being employed by KLA-Tencor Technologies Corporation; and Kevin L. Daffer, Reg. No. 34,146; Mollie E. Lettang, Reg. No. 48,405; and Ann Marie Mewherter, Reg. No. 50,484; each said attorneys or agents being members or associates of the firm of Daffer McDantel, LLP, as attorney or agent for so long as they remain with such company or firm, with full power of substitution and revocation, to prosecute the application, to make alterations and amendments therein, to transact all business in the Patent and Trademark Office in connection therewith, and to receive the Letters Patent.

Please direct all communications to:

Customer No. 35617 Daffer McDaniel, LLP P.O. Box 684908 Austin, Texas 78768-4908 Phone: (512) 476-1400

I hereby declare that all statements made herein of my own knowledge are true and that all statements made herein on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Inventor's Full Name:	Zain K. Saidin		
Inventor's Signature:	di	Date: Mar	29 2005
City and State (or Foreign Country) of Residence:	San Mateo, CA	_ Citizenship:	USA
Post Office and Residence Address:	545 Edinburgh St., San M (Include number, street name, o		e)
Inventor's Full Name:	Yalin Xiong		
Inventor's Signature:	•	Date: 3/3	0/2005
City and State (or Foreign Country) of Residence:	Union City, CA	_ Citizenship:	China
Post Office and Residence Address:	5121 Seaside Ct., Union (Include number, street name, c	City, CA 94587 ity, state and zip code)
Inventor's Full Name:	Lance Glasser		
Inventor's Signature:	dine	Date: 29 M	a 2005
City and State (or Foreign Country) of Residence:	Saratoga, CA	Citizenship;	USA
Post Office and Residence Address:	19753 Via Escuela Dr., Sar (Include number, street name, c	atoga, CA 95070 ty, state and zip code)

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PAGE 15/19 * RCVD AT 5/27/2005 3:45:34 PM [Eastern Daylight Time] * SVR:USPTO-EFXRF-1/0 * DNIS:8729306 * CSID:512 703 1250 * DURATION (mm-ss):10-20

Inventor's Full Name:	Carl Hess
Inventor's Signature:	Date: 3/29/2005
City and State (or Foreign Country) of Residence:	Los Altos, CA Citizenship: USA
Post Office and Residence Address:	1345 Holly Ave., Los Altos, CA 94024 (Include number, street name, city, state and zip code)
Inventor's Full Name:	Moshc E. Preil
Inventor's Signature:	Date:
City and State (or Foreign Country) of Residence:	Sunnyvale, CA Citizenship: USA
Post Office and Residence Address:	732 Shasta Fir Dr., Sunnyvale, CA 94086 (Include number, street name, city, state and zip code)

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DECLARATION/POWER OF ATTORNEY

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joi inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled "COMPUTER-IMPLEMENTED METHODS FOR DETECTING DEPECTS IN RETICLE DESIGNATA," the specification of which: is attached hereto. is attached hereto. was filed on January 31, 2005 as Application Serial No. 11/048.630 and was amended on (if applicable). I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. 1 acknowledge the duty to disclose to the Potent and Trademark Office all information known to me to material to patentability of the subject matter claimed in this application, as "materiality" is defined in 37 C.F.R. § 1.56. 1 hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application of circles graphication isted below, or under § 365(a) of any PCT international application isted below any foreign application on which priority is claimed. Prior Foreign Application No. Country Filing Date Priority Claimed Attached N/A 1 hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below Provisional Application No. Filing Date Priority Claimed Attached N/A 1 hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) listed below, or under 365(e) of any PCT international application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. § 112, 1 acknowledge the duty to disclose: of the original prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. § 112, 1 acknowledge the duty to disclose: of the more provided by the prior papilication. Pa	As a below named inventor, I I	ercby declare that:				
invention critical "COMPUTER-IMPLEMENTED METHODS FOR DETECTING DEFECTS IN RETICLE DESIGNATA," the specification of which: is attached hereto. I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. 1 acknowledge the duty to disclose to the Patent and Trademark Office all information known to me to interest the properties of the patent and trademark Office all information in the mount of the muterial to patentality of the subject matter claimed in this application, as "materiality" is defined in 37 C.F.R. § 1.56. I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application histed below, or under § 365(a) of any PCT international application listed belows any foreign application is papication which priority is claimed. Prior. Foreign Application No. Country Filing Date Priority Cert. copy Attached N/A 1 hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below. Attached histogram of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. § 112, 1 seknowledge the duty to disclose of the subject matter claim of this application. Parent Application No. Elling Date Parent Patent No. (if applicable) or Status (mm/dd/yy) Parent Patent No. (if applicable) or Status (mm/dd/yy)	My residence, post office addre	ess, and citizenship are a	s stated below	next to my na	mc.	
was filed on January 31, 2005 as Application Serial No. 11/048,630 and was amended on	inventor (if plural names are listed belo invention entitled "COMPUTER-IMPL	w) of the subject matter	which is clain	ned and for w	hich a natent is	s sought on the
lacknowledge the duty to disclose to the Patent and Trademark Office all information known to me to material to patentability of the subject matter claimed in this application, as "materiality" is defined in 37 C.F.R. § 1.56. I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) featent or inventor's certificate listed below, or under § 365(a) of any PCT international application listed belowing a filing least one country other than the United States of America, and have identified below any foreign application or inventor's certificate, or of any PCT international application, having a filing date before that of the application on which priority is claimed. Prior Foreign Application No. Country Filing Date (mm/dd/vyy) Claimed Attached N/A I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below Provisional Application No. Filing Date (mm/dd/vyy) 60/540,031 O1/29/2004 I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) listed below, or under 365(c) of any PCT international application listed below designating the United States of America, and, insofar as a state of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information known to me to be material to the patentability of the subject matter claimed in this application, "materiality" is defined in 37 C.F.R. § 1.56, which became available between the filing date of the prior application at the national or PCT international filing date of this application. Parent Application No. (if applicable) or Status (mm/dd/vyy)	was filed on January 31, 2	2005 as Application Seria	al No. <u>11/048.6</u> (applicable).	3 <u>0</u>		
I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) is patent or inventor's certificate listed below, or under § 365(a) of any PCT international application listed belowally foreign application listed belowally foreign application patent or inventor's certificate, or of any PCT international application, having a filing date before that of the application on which priority is claimed. Prior. Foreign Application No. I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below Provisional Application No. Filing Date (mm/dd/yy) G0/540,031 I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) listed below of the priority of the subject matter of each of the claims of this application is not disclosed in the profunding and papellication in the manner provided by the first paragraph of 35 U.S.C. § 112, 1 acknowledge the duty to disclose information known to me to be material to the patentability of the subject matter claimed in this application. Parent Application No. Filing Date (mm/dd/yy) Parent Patent No. (if applicable) or Status (mm/dd/yy) Parent Patent No. (if applicable) or Status (mm/dd/yy)	I hereby state that I have revi the claims, as amended by any amendment	ewed and understand the ent referred to above.	e contents of t	he above-ider	tified specifica	ition, including
patent or inventor's certificate listed below, or under § 365(a) of any PCT international application listed beloesignating least one country other than the United States of America, and have identified below any foreign application for patent or inventor's certificate, or of any PCT international application, having a filing date before that of the application on which priority is claimed. Prior. Foreign Application No. Country Filing Date (mm/dd/yy) Claimed Attached N/A I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below Provisional Application No. Filing Date (mm/dd/yyy) 60/540,031 Ol/29/2004 I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) listed below, or under subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information known to me to be material to the patentability of the subject matter claimed in this application, "materiality" is defined in 37 C.F.R. § 1.56, which became available between the filing date of the prior application at the national or PCT international filing date of this application. Parent Patent No. (if applicable) or Status Parent Patent No. (if applicable) or Status	I acknowledge the duty to di material to patentability of the subject m	sclose to the Patent an atter claimed in this app	d Trademark (lication, as "m	Office all infeateriality" is d	onnation know lefined in 37 C.	n to me to be F.R. § 1.56.
I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below Provisional Application No. Filing Date (mm/dd/vyvy) 60/540,031 O1/29/2004 I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) listed below, or under 35(c) of any PCT international application listed below designating the United States of America, and, insofar as a subject matter of each of the claims of this application is not disclosed in the prior United States or PCT internation application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information known to me to be material to the patentability of the subject matter claimed in this application, "materiality" is defined in 37 C.F.R. § 1.36, which became available between the filing date of the prior application at the national or PCT international filing date of this application. Parent Application No. Filipg Date Parent Patent No. (if applicable) or Status (mm/dd/yy)	patent or inventor's certificate listed designating least one country other than for patent or inventor's certificate, or	below, or under § 36: the United States of A of any PCT internation	5(a) of any P merica, and ha	CT internation	mal application below any force	n listed belov ien application
I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below Provisional Application No. Filing Date (mm/dd/vvyv) 60/540,031 O1/29/2004 I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) listed below, or under 35 U.S.C. of any PCT international application listed below designating the United States of America, and, insofar as t subject matter of each of the claims of this application is not disclosed in the prior United States or PCT internation application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information known to me to be material to the patentability of the subject matter claimed in this application in the mational or PCT international filing date of this application. Parent Application No. Filing Date (mm/dd/vy)	Prior Foreign Application No.	<u>Country</u>				Cert. copy Attached
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(mm/dd/vvvv) 60/540,031 1 hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) listed below, or under 365(c) of any PCT international application listed below designating the United States of America, and, insofar as t subject matter of each of the claims of this application is not disclosed in the prior United States or PCT internation application in the manner provided by the first paragraph of 35 U.S.C. § 112, I scknowledge the duty to disclose information known to me to be material to the patentability of the subject matter claimed in this application, "materiality" is defined in 37 C.F.R. § 1.56, which became available between the filing date of the prior application at the national or PCT international filing date of this application. Parent Application No. Filing Date (mm/dd/yy) Parent Parent No. (if applicable) or Status	I hereby claim the benefit und	er 35 U.S.C. § 119(e) of	any United Sta	tes provisions	al application(s)	listed below.
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(mm/dd/yy)	365(c) of any PCT international applic subject matter of each of the claims of application in the manner provided by information known to me to be mate "materiality" is defined in 37 C.F.R. §	cation listed below design f this application is not the first paragraph of crial to the patentabilit 1.56, which became ava	mating the Undisclosed in the 35 U.S.C. § 1 y of the subj	ited States of ne prior Unite 12, I acknow oct matter cli	America, and, d States or PC ledge the duty aimed in this	, insofar as the T international to disclose all application, a
N/A	Parent Application No.		Parent	Patent No. (if	applicable) or l	<u>Status</u>
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PAGE 17/19 * RCVD AT 5/27/2005 3:45:34 PM [Eastern Daylight Time] * SVR:USPTO-EFXRF-1/0 * DNIS:8729306 * CSID:512 703 1250 * DURATION (mm-ss):10-20

I hereby revoke any previous Powers of Attorney and appoint: Kevin McAndrews, Reg. No. 34,496 and Bernice Chen, Reg. No. 42,403 each said attorneys or agents being employed by KLA-Tencor Technologies Corporation; and Kevin L. Daffer, Reg. No. 34,146; Mollie E. Lettang, Reg. No. 48,405; and Ann Marie Mewherter, Reg. No. 50,484; each said attorneys or agents being members or associates of the firm of Daffer McDaniel, LLP, as attorney or agent for so long as they renain with such company or firm, with full power of substitution and revocation, to prosecute the application, to make alterations and amendments therein, to transact all business in the Patent and Trademark Office in connection therewith, and to receive the Letters Patent.

Please direct all communications to:

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I heroby declare that all statements made herein of my own knowledge are true and that all statements made herein on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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RECORDED: 05/31/2005