ASSIGN



SHEET



To: Honorable Commissioner of Patents and Trademarks:

	Please record the attached original document(s) or copy thereof.						
1.	Name of conveying party(ies) a) Mehran Nasser-Ghodsi b) Anne Testoni c) Steve Oestreich						
2.	Name and address of receiving party(ies): a) Name: KLA- Tencor Technologies Corporation Address: One Technology Drive, Milpitas, California 95035						
3.	Nature of conveyance Assignment						
	Execution Dates: a) Mehran Nasser-Ghodsi 11/16/01 b) Anne Testoni 11/06/01 c) Steve Oestreich 11/12/01						
4.	Application Number(s) or Patent Number(s): Unknown						
	The title of the (new) application is: METHODS AND APPARATUS FOR VOID CHARACTERIZATION						
5.	Please send all correspondence concerning this (these) documents to:						
01 MDAMT	Beyer Weaver & Thomas, LLP 40.00 0PP.O Box 778 Beykeley, CA 94704-0778 Ph: (510) 843-6200 Fax: (510) 843-6203 (Customer Number: 022434)						
6.	Total number of applications and patents involved: 1						
7.	Total fee (37 CFR 3.41): \$40.00						
	Enclosed Any additional fees are authorized to be charged to Deposit Account No. 500388 (Order No. KLA1P041)						
8. attached	To the best of my knowledge and belief, the foregoing information is true and correct and any d copy is a true copy of the original document.						
Date:	November 21, 2001 Godfrey K K van Registration No. 46,850						

Attorney Docket No. KLA1P041/P773

(Revised 01/96)

ASSIGNMENT OF PATENT APPLICATION

Whereas I an undersigned inventor have invented certain new and useful improvements as set forth in the patent application entitled:

METHODS AND APPARATUS FOR VOID CHARACTERIZATION

(Atty	. Docket No. KLA1P041/P773), (check one)
	for which I have executed a U.S. patent application on even date herewith. (Accompanying) which bears U.S. application No (Not accompanying) which is a U.S. provisional application. (Accompanying)
ackno	For good and valuable consideration, the receipt and sufficiency of which is hereby owledged, I an undersigned inventor hereby:
1)	Sell, assign and transfer to KLA-Tencor Technologies Corporation, a California corporation

- having a place of business at One Technology Drive, Milpitas, CA 95035 ("ASSIGNEE"), the entire right, title and interest in any and all improvements and inventions disclosed in, applications based upon, and patents (including foreign patents and the right to claim priority) granted upon, the above-referenced application.
- 2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any division, continuation, substitute, renewal, re-examination or reissue thereof to the ASSIGNEE.
- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the ASSIGNEE, its successors, assigns and other legal representative, and shall be binding upon the inventor, as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that I have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.
- 6) Authorize and request my attorney/agent to insert above the application No. in order to assist with recordal of this assignment.

Signed on the date indicated beside my signature.

Revised 06/01, Assign US Notary

1. Inventor Signature:	Mehran Nasse		ec O	Date:	11/16/61
State of California)			
County of)	SS.		
On this 16	_ day of _	ary Public	, fec	, in the yeally appeared	ear 2001, before me Mehran Nasser-Ghods
personally known to me whose name is subscrib same in his/her authorize or the entity upon behal WITNESS my h	te (or proyed to the withing capacity (is for the capacity).	to me on the instrument on the construction in	he basis of nt, and ack t by his/he	f satisfactory evinowledged to me r signature on the	idence) to be the perso that he/she executed the ine instrument the person
Notary Signature <u></u>	DØROTHY Notan Commonwealtn My Commis	M. MURPAY y Public of Massachuse ssion Expires 8, 2006	May	'-	:抗洛县》
2. Inventor Signature:	Anne Testoni	3. 200 <u>0</u>		Date:	
State of California)			
County of)	SS.		
me,	to me on the to instrument, and the ity(ies), and the person	lotary Publicasis of satind acknowledge to the local distribution of t	sfactory eveloged to meeting to the state of	ly appeared Annoridence) to be the ethat he/she exector the instrument	cuted the same in
Notary Signature					(\$840)
3. Inventor Signature:	Steve Oestreic	h		Date:	
State of California)	SS.		
County of)	55.		
me,	to me on the binstrument, and ity(ies), and thick the person	otary Publi pasis of sati ad acknowle at by his/he acted, exec	c personall sfactory evedged to mer or signature	y appeared Steveridence) to be the e that he/she exe e on the instrume	cuted the same in
Notary Signature					(SEAL)

Revised 06/01, Assign US Notary

ASSIGNMENT OF PATENT APPLICATION

Whereas I an undersigned inventor have invented certain new and useful improvements as set forth in the patent application entitled:

METHODS AND APPARATUS FOR VOID CHARACTERIZATION

(Atty. Docket No. KLA1P041/P773), (check one)	
for which I have executed a U.S. patent applic which bears U.S. application No. which is a U.S. provisional application. (Accom	eation on even date herewith. (Accompanying) (Not accompanying) npanying)
For good and valuable consideration, the receipt a acknowledged, I an undersigned inventor hereby:	and sufficiency of which is hereby

- 1) Sell, assign and transfer to KLA-Tencor Technologies Corporation, a California corporation having a place of business at One Technology Drive, Milpitas, CA 95035 ("ASSIGNEE"), the entire right, title and interest in any and all improvements and inventions disclosed in, applications based upon, and patents (including foreign patents and the right to claim priority) granted upon, the above-referenced application.
- 2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any division, continuation, substitute, renewal, re-examination or reissue thereof to the ASSIGNEE.
- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the ASSIGNEE, its successors, assigns and other legal representative, and shall be binding upon the inventor, as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that I have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.
- 6) Authorize and request my attorney/agent to insert above the application No. in order to assist with recordal of this assignment.

Signed on the date indicated beside my signature.

Revised 06/01, Assign US Notary

1. Inventor Signature: Mehran Nasser-Ghodsi			Date:			
_	Mehran Nass	er-Ghodsi				
State of California)	SS.			
County of						
On this	_ day of , No	tary Public,	personally	in the year 2001, before me, appeared Mehran Nasser-Ghodsi,		
personally known to me whose name is subscribe	e (or proved ed to the with ed capacity(if of which the	to me on the in instrument es), and that experson acted	e basis of sat t, and acknow by his/her sig	isfactory evidence) to be the person ledged to me that he/she executed the gnature on the instrument the person,		
Notary Signature				(SCA1)		
2. Inventor Signature:	Anne Testoni	ros C	tay	Date: 11/6/2001		
State of California)				
County of)	SS.			
known to me (or proved subscribed to the within	to me on the instrument, a ty(ies), and the person	basis of satis nd acknowled hat by his/hed n acted, exect	factory evidendged to me the rignature on	opeared Anne Testoni, personally nce) to be the person whose name is at he/she executed the same in the instrument the person, or the ament.		
Notary Signature						
3. Inventor Signature:	Steve Oestreio	ch		Date:		
State of California)				
County of)	SS.			
me,	On this, N	day of Notary Public	personally ar	, in the year 2001, before peared Steve Oestreich, personally		
known to me (or proved subscribed to the within	to me on the instrument, a ty(ies), and the person	basis of satis nd acknowled hat by his/hed acted, exect	factory evider dged to me the signature on	at he/she executed the same in the instrument the person, or the		
Notary Signature						
Revised 06/01, Assign US Notar	у					

ASSIGNMENT OF PATENT APPLICATION

Whereas I an undersigned inventor have invented certain new and useful improvements as set forth in the patent application entitled:

METHODS AND APPARATUS FOR VOID CHARACTERIZATION

(Atty. Docket No. KLA1P041/P773), (check one)
for which I have executed a U.S. patent application on even date herewith. (Accompanying which bears U.S. application No (Not accompanying) which is a U.S. provisional application. (Accompanying)
For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I an undersigned inventor hereby:

- 1) Sell, assign and transfer to KLA-Tencor Technologies Corporation, a California corporation having a place of business at One Technology Drive, Milpitas, CA 95035 ("ASSIGNEE"), the entire right, title and interest in any and all improvements and inventions disclosed in, applications based upon, and patents (including foreign patents and the right to claim priority) granted upon, the above-referenced application.
- 2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any division, continuation, substitute, renewal, re-examination or reissue thereof to the ASSIGNEE.
- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the ASSIGNEE, its successors, assigns and other legal representative, and shall be binding upon the inventor, as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that I have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.
- 6) Authorize and request my attorney/agent to insert above the application No. in order to assist with recordal of this assignment.

Signed on the date indicated beside my signature.

Revised 06/01, Assign US Notary

1. Inventor Signature	:			Date:	
	Mehran Nasser-Gho	dsi			
State of California County of)	ss.		
		–⁄ Public,	personally	in the y	year 2001, before me, Mehran Nasser-Ghodsi,
personally known to rewhose name is subscribed same in his/her authority or the entity upon behalf	ne (or proved to me ned to the within inst zed capacity(ies), an	e on the rument and that on acted	e basis of sat , and acknow by his/her sig	isfactory evolution in the design of the des	vidence) to be the person ne that he/she executed the the instrument the person,
Notary Signature					(mirAL)
2. Inventor Signature	Anne Testoni			Date:	
State of California)	SS.		
County of			55.		
subscribed to the within his/her authorized capa entity upon behalf of w	n instrument, and acl city(ies), and that by	cnowled his/hed d, exect	dged to me the signature on	at he/she ex the instrum	ne person whose name is secuted the same in nent the person, or the
Notary Signature	Ma		7		(S.F. A.L.)
3. Inventor Signature	Steve Oestreich	No.	and the second s	Date:	11-12-01
State of California)	SS.		
County of		_)			
subscribed to the within his/her authorized capa entity upon behalf of w	n instrument, and ack city(ies), and that by	knowled his/hed d, exect	lged to me the signature on	at he/she ex the instrum	
Notary Signature					(Stall)
Danimad 06/01 Against LIC No.					

Revised 06/01, Assign US Notary

RECORDED: 11/21/2001