

09-19-2005

ASSIGNMENT



103084009

Document ID No. 102903066A

To: Honorable Commissioner of Patents and Trademarks:

Please record the attached original document(s) or copy thereof.

- 1. Name of conveying party(ies)
 - a) Mehdi Vaez-Iravani
 - b) Guoheng Zhao
 - c) Stanley E. Stokowski

- 2. Name and address of receiving party(ies):
 - a) Name: KLA-Tencor Technologies, Corporation
 - Address: One Technology Drive, Milpitas, CA 95035

- 3. Nature of conveyance

<input checked="" type="checkbox"/> Assignment	<input type="checkbox"/> Merger
<input type="checkbox"/> Security Agreement	<input type="checkbox"/> Change of Name
<input type="checkbox"/> Other _____	<input type="checkbox"/> License Agreement

Execution Date's: Mehdi Vaez-Iravani- December 10, 2004 and Guoheng Zhao-December 6, 2004 and Stanley E. Stokowski-December 8, 2004

- 4. Application Number(s) or Patent Number(s): NEW

The title of the (new) application is:

ILLUMINATION APPARATUS AND METHODS

- 5. Please send all correspondence concerning this (these) documents to:

Beyer Weaver & Thomas, LLP
P.O. Box 778
Berkeley, CA 94704-0778
Ph: (510) 843-6200
Fax: (510) 843-6203
(Customer Number: 022434)

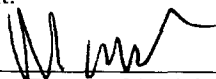
- 6. Total number of applications and patents involved: 2

- 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. KLA1P131)

8. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Date: September 13, 2005



 Mary Ramos Olynick
 Registration No. 42,963

09/16/2005 DBYRNE 00000012 11015852

01 FC:8021 40.00 OP

Attorney Docket No. KLA1P131/P1346 (Revised 12/01)

PATENT
REEL: 016991 FRAME: 0388

ASSIGNMENT OF PATENT APPLICATION

Whereas I, an undersigned inventor, have invented certain new and useful improvements as set forth in both of the following two patent applications:

(1) the U.S. patent application entitled:

ILLUMINATION APPARATUS AND METHODS

(Atty. Docket No. KLA1P131/P1346), (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)

(2) the U.S. provisional application entitled:

ILLUMINATION APPARATUS AND METHODS

which bears U.S. application No. 60/533,741. (Not 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 United States 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 representatives, 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 Numbers in order to assist with recordal of this assignment.

Signed on the date indicated beside my signature.

1. Inventor Signature: Mehdi Vaez-Iravani
Mehdi Vaez-Iravani

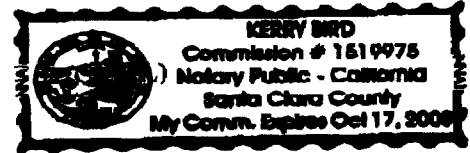
Date: 12/10/04

State of California)
County of Santa Clara) ss.

On this 10th day of December, in the year 2004, before me, Kerry Bird, Notary Public, personally appeared Mehdi Vaez-Iravani, personally known to me (~~or proved to me on the basis of satisfactory evidence~~) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/~~she~~ executed the same in his/~~her~~ authorized capacity(~~ies~~), and that by his/~~her~~ signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Signature Kerry Bird



2. Inventor Signature: Guoheng Zhao
Guoheng Zhao

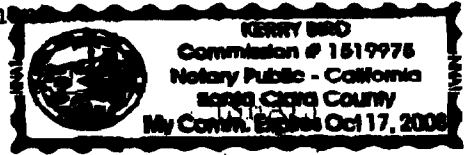
Date: 12-06-2004

State of California)
County of Santa Clara) ss.

On this 6th day of December, in the year 2004, before me, Kerry Bird, Notary Public personally appeared Guoheng Zhao, personally known to me (~~or proved to me on the basis of satisfactory evidence~~) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/~~she~~ executed the same in his/~~her~~ authorized capacity(~~ies~~), and that by his/~~her~~ signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Signature Kerry Bird



3. Inventor Signature: Stanley E. Stokowski
Stanley E. Stokowski

Date: 12/08/04

State of California)
County of Santa Clara) ss.

On this 8th day of December, in the year 2004, before me, Kerry Bird, Notary Public, personally appeared Stanley E. Stokowski, personally known to me (~~or proved to me on the basis of satisfactory evidence~~) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/~~she~~ executed the same in his/~~her~~ authorized capacity(~~ies~~), and that by his/~~her~~ signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Signature Kerry Bird

