



07-01-2005



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Atty Docket No. KLAC0098

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)/Execution Date(s):**

Yung-Ho Chuang  
David R. Shafer  
J. Joseph Armstrong

Execution Date(s) June 16, 2005

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

**3. Nature of conveyance:**

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

**2. Name and address of receiving party(ies)**

Name: KLA-Tencor Technologies Corporation

Internal Address: \_\_\_\_\_

Street Address: One Technology Drive

City: Milpitas

State: California

Country: USA Zip: 95035

Additional name(s) & address(es) attached? ☐ Yes ☒ No

**4. Application or patent number(s):**

A. Patent Application No.(s)  
11/093,850

☐ This document is being filed together with a new application.  
B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

**5. Name and address to whom correspondence concerning document should be mailed:**

Name: Steven W. Smyrski, Esq.

Internal Address: SMYRSKI LAW GROUP, A P.C.

Street Address: 3310 Airport Avenue S.W.

City: Santa Monica

State: California Zip: 90405

Phone Number: (310) 397-9118

Fax Number: (310) 397-9158

Email Address: steve@smyrski.com

**6. Total number of applications and patents involved:** -1-

**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00**

- ☐ Authorized to be charged by credit card  
☐ Authorized to be charged to deposit account  
☒ Enclosed  
☐ None required (government interest not affecting title)

**8. Payment Information**

a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_

b. Deposit Account Number \_\_\_\_\_  
Authorized User Name \_\_\_\_\_

**9. Signature:**

Signature

June 21, 2005

Date

Steven W. Smyrski

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 5

06/30/2005 DBYRNE

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Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

40.00 UP

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we, the undersigned, **Yung-Ho Chuang, David R. Shafer, and J. Joseph Armstrong**, do hereby sell, assign, and transfer to: **KLA-TENCOR TECHNOLOGIES CORPORATION**, a corporation of California, USA, having a place of business at One Technology Drive, Milpitas, California 95035, USA ("Assignee"), its successors, assign, and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and improvements which are disclosed in the application for United States Letters Patent,

which has been executed by the undersigned concurrently herewith,  
(X) which was **filed** on March 29, 2005 and assigned Serial No. 11/093,850,

and is entitled: **SMALL ULTRA-HIGH NA CATADIOPTIC OBJECTIVE**, and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in any to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application; and

Agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, 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 said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and representatives, all facts known to the undersigned relating to said improvements and the history thereof, and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications to patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant mortgage, license, or other agreement affecting the rights and property herein

conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

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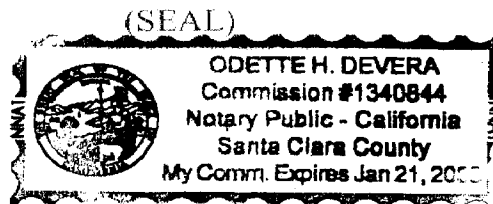
Name: Yung-Ho Chuang Date: 6/13/2005, 2005  
Yung-Ho Chuang

State of California )  
County of Santa Clara ) ss.

On this 13<sup>th</sup> day of June, in the year 2005, before me, Odette H. Devera Notary Public, personally appeared Yung-Ho Chuang, 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 Odette H. Devera



Name: David R. Shafer Date: June 10, 2005  
David R. Shafer

State of Connecticut )

County of Fairfield )

ss.

*Paul M. Kirchberg*  
→

On this 10 day of June, in the year 2005, before me,  
~~PL David R. Shafer~~, Notary Public, personally appeared David R. Shafer, 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 *Paul M. Kirchberg*

(SEAL)

Name: J. Joseph Armstrong Date: 06-16, 2005  
J. Joseph Armstrong

State of California )

County of Santa Clara ) SS.

On this 16<sup>th</sup> day of June, in the year 2005, before me, Odetta H. Devera, Notary Public, personally appeared J. Joseph Armstrong 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 Odetta H. Devera

