

TRADEMARK ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	MERGER
EFFECTIVE DATE:	06/25/2008

CONVEYING PARTY DATA

Name	Formerly	Execution Date	Entity Type
Therma-Wave, Inc.		06/25/2008	CORPORATION: DELAWARE

RECEIVING PARTY DATA

Name:	KLA-Tencor Corporation
Street Address:	1 Technology Drive
City:	Milpitas
State/Country:	CALIFORNIA
Postal Code:	95035
Entity Type:	CORPORATION: DELAWARE

PROPERTY NUMBERS Total: 19

Property Type	Number	Word Mark
Registration Number:	3225609	REALTIME CD
Registration Number:	3130862	RTCD
Registration Number:	2605497	ENVIRONMENTAL FILM DESORBER
Registration Number:	2725524	RT/CD
Registration Number:	2547288	WBWS
Registration Number:	2669787	INTEGRA
Registration Number:	2420246	DESORBER
Registration Number:	2364232	ABSOLUTE ELLIPSOMETER
Registration Number:	2825350	MICROAE
Registration Number:	2808899	μAE
Registration Number:	2290866	AE
Registration Number:	2271440	BPR
Registration Number:	2268211	BPE

CH \$490.00 3225609

Registration Number:	2518933	BEAM PROFILE ELLIPSOMETRY
Registration Number:	2521459	BEAM PROFILE REFLECTOMETRY
Registration Number:	2165847	THERMA-WAVE
Registration Number:	1715145	THERMA-PROBE
Registration Number:	1661280	OPTI-PROBE
Registration Number:	1636760	

CORRESPONDENCE DATA

Fax Number: (650)815-2601
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
Phone: 650 815-2600
Email: svtmpdocketing@sheppardmullin.com
Correspondent Name: Harold Milstein
Address Line 1: 990 Marsh Road
Address Line 4: Menlo Park, CALIFORNIA 94025

ATTORNEY DOCKET NUMBER:	19PP
NAME OF SUBMITTER:	Harold Milstein
Signature:	/HaroldMilstein/
Date:	06/05/2009

Total Attachments: 5
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Delaware

PAGE 1

The First State

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF MERGER, WHICH MERGES:

"THERMA-WAVE, INC.", A DELAWARE CORPORATION,
WITH AND INTO "KLA-TENCOR CORPORATION" UNDER THE NAME OF "KLA-TENCOR CORPORATION", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE TWENTY-SIXTH DAY OF JUNE, A.D. 2008, AT 7:25 O'CLOCK P.M.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.

0814199 8100M

080736203



Harriet Smith Windsor

Harriet Smith Windsor, Secretary of State

AUTHENTICATION: 6704286

DATE: 07-02-08

You may verify this certificate online
at corp.delaware.gov/authver.shtml

TRADEMARK
REEL: 003999 FRAME: 0726

CERTIFICATE OF OWNERSHIP AND MERGER

MERGING

THERMA-WAVE, INC.

WITH AND INTO

KLA-TENCOR CORPORATION

**(Pursuant to Section 253 of the General
Corporation Law of the State of Delaware)**

KLA-Tencor Corporation, a Delaware corporation (the "Company") does hereby certify to the following facts relating to the merger (the "Merger") of Therma-Wave, Inc., a Delaware corporation (the "Subsidiary") with and into the Company, with the Company remaining as the surviving corporation:

FIRST: The Company is incorporated pursuant to the laws of the State of Delaware, and the Subsidiary is incorporated pursuant to the laws of the State of Delaware.

SECOND: The Company owns one hundred percent (100%) of the outstanding shares of each class of capital stock of the Subsidiary that, absent Section 253 of the Delaware General Corporation Law (the "DGCL"), would be entitled to vote on the Merger.

THIRD: The Board of Directors of the Company, by the following resolutions duly adopted on February 13, 2008, determined to merge the Subsidiary with and into the Company pursuant to Section 253 of the DGCL:

WHEREAS, the Company owns all of the outstanding shares of each class of capital stock of Therma-Wave, Inc., a Delaware corporation (the "Subsidiary"), that, absent Section 253 of the General Corporation Law of the State of Delaware, would be entitled to vote on the Merger (as defined below); and

WHEREAS, the Board deems it advisable that the Subsidiary be merged with and into the Company pursuant to Section 253 of the General Corporation Law of the State of Delaware:

NOW, THEREFORE, BE IT RESOLVED, that the Subsidiary be merged with and into the Company (the "Merger");

RESOLVED FURTHER, that by virtue of the Merger and without any action on the part of the holder thereof, each then outstanding share of common stock of the Company shall remain unchanged and continue to remain outstanding as one share of common stock of the Company, held by the person who was the holder of such share of common stock of the Company immediately prior to the Merger;

RESOLVED FURTHER, that by virtue of the Merger and without any action on the part of the holder thereof, each then

outstanding share of capital stock of the Subsidiary shall be canceled and no consideration shall be issued in respect thereof; and

RESOLVED FURTHER, that the officers of the Company be, and each of them hereby is, authorized and directed to make, execute and acknowledge, in the name and on behalf of the Company, a certificate of ownership and merger for the purpose of effecting the Merger and to file the same in the office of the Secretary of State of the State of Delaware,

RESOLVED FURTHER, that the officers of the Company be, and each of them hereby is, authorized to do and perform any and all such acts, including execution of any and all documents and certificates as said officers shall deem necessary and advisable, to carry out the purposes and intent of the foregoing resolutions, and all prior acts taken by such officers with respect to the same are hereby ratified and approved.

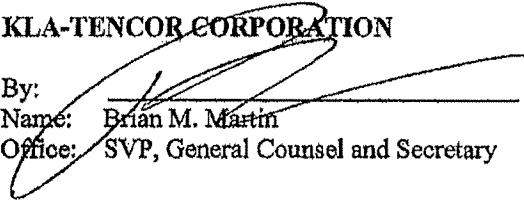
FOURTH: The Company shall be the surviving corporation of the Merger.

FIFTH: The certificate of incorporation of the Company as in effect immediately prior to the effective time of the Merger shall be the certificate of incorporation of the surviving corporation.

[Signature Page Follows]

IN WITNESS WHEREOF, the Company has caused this Certificate of Ownership and Merger to be executed by its duly authorized officer this 25th day of June, 2008.

KLA-TENCOR CORPORATION

By: 
Name: Brian M. Martin
Office: SVP, General Counsel and Secretary

CALIFORNIA COPY CERTIFICATION BY DOCUMENT CUSTODIAN

I, Brian Michael Martin, hereby swear (or affirm) that the attached reproduction of Certificate of Merger of ThermaVix into KVA-Tencor Corporation is a true, correct and complete

Description of Original Document

photocopy of a document in my possession.

[Signature]
Signature of Custodian of Original Document
One Technology Drive, Milpitas CA
Address 95035

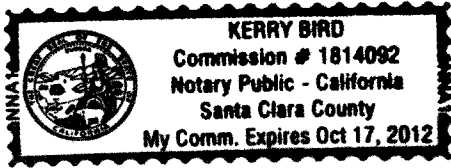
State of California

County of Santa Clara

Subscribed and sworn to (or affirmed) before me on this 7 day of May, 2009, by

Brian Michael Martin,
Name of Custodian of Original Document

proved to me on the basis of satisfactory evidence to be the person(s) who appeared before me.



Signature [Signature]
Signature of Notary Public

Place Notary Seal Above

OPTIONAL

Though the information in this section is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document Copy

Title or Type of Document: Certificate of Merger

Document Date: 07/02/08 Identifying No.: 6704286 No. of Pages: 4

Signer(s) or Issuing Agency: Secretary of State - State of Delaware

Capacity Claimed by Custodian

Individual Attorney Trustee Business Proprietor or Manager

Corporate Officer — Title: Senior Vice President General Counsel

University or School Officer — Title: _____

Governmental Officer or Agent — Title: _____

Other: _____

Custodian Is Representing: KVA-Tencor Corporation

