

**TRADEMARK ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	MERGER
EFFECTIVE DATE:	11/18/2002

**CONVEYING PARTY DATA**

Name	Formerly	Execution Date	Entity Type
Applied Digital Access, Inc.		11/18/2002	CORPORATION: DELAWARE

**RECEIVING PARTY DATA**

Name:	Acterna LLC
Street Address:	20410 Observation Drive
City:	Germantown
State/Country:	MARYLAND
Postal Code:	20876-4023
Entity Type:	LIMITED LIABILITY COMPANY: DELAWARE

**PROPERTY NUMBERS Total: 2**

Property Type	Number	Word Mark
Registration Number:	2254873	T3AS
Registration Number:	1909971	T3AS

**CORRESPONDENCE DATA**

Fax Number: (415)591-1400  
*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*  
 Phone: 415-591-1000  
 Email: hamaniera@winston.com  
 Correspondent Name: John C. Nishi  
 Address Line 1: 101 California Street  
 Address Line 2: Suite 3900  
 Address Line 4: San Francisco, CALIFORNIA 94111-5894

ATTORNEY DOCKET NUMBER:	250156-01000
NAME OF SUBMITTER:	John C. Nishi

**CH \$65.00 2254873**

Signature:

/John C. Nishi/

Date:

12/19/2005

Total Attachments: 4

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# Delaware

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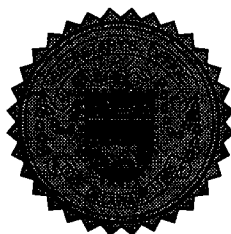
*The First State*

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:

"APPLIED DIGITAL ACCESS, INC.", A DELAWARE CORPORATION,  
WITH AND INTO "ACTERNA LLC" UNDER THE NAME OF "ACTERNA LLC",  
A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE EIGHTEENTH DAY OF NOVEMBER, A.D. 2002, AT 5:30 O'CLOCK P.M.

2760171 8100M

050646204



*Harriet Smith Windsor*

Harriet Smith Windsor, Secretary of State

AUTHENTICATION: 4072388

DATE: 08-05-05

TRADEMARK  
REEL: 003213 FRAME: 0167

CERTIFICATE OF MERGER

Merging

APPLIED DIGITAL ACCESS, INC.

Into

ACTERNA LLC

Acterna LLC ("Acterna" or the "Surviving Company"), a limited liability company organized and existing under the laws of the State of Delaware, and Applied Digital Access, Inc. ("ADA" or the "Disappearing Corporation"), a corporation organized and existing under the laws of the State of Delaware and a wholly-owned subsidiary of Acterna, HEREBY CERTIFIES:

1. That the name and state of incorporation, formation or organization of each of the constituent corporations of the merger is as follows:

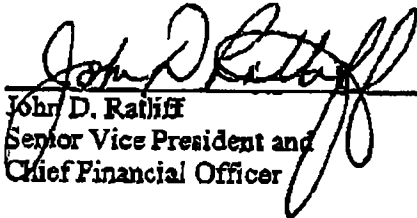
<u>Name</u>	<u>State of Incorporation or Organization</u>
Acterna LLC	Organized in Delaware
Applied Digital Access, Inc.	Incorporated in Delaware

2. That an agreement of merger (the "Agreement") between the parties to the merger has been approved, adopted, certified, executed and acknowledged by each of the constituent entities in accordance with the requirements of each of Section 264 of the General Corporation Law of the State of Delaware and Section 18-209 of the Limited Liability Company Act of the State of Delaware.
3. That the name of the surviving company of the merger is Acterna LLC.
4. That the Certificate of Formation of Acterna LLC shall be the Certificate of Formation of the Surviving Company.

5. That as of November 18, 2002 (the "Effective Date"), the Disappearing Corporation shall be merged with and into the Surviving Company and the separate existence of the Disappearing Corporation shall thereupon cease.
6. That the executed Agreement is on file at the principal place of business of the Surviving Company. The address of the principal place of business of the Surviving Company is Acterna LLC, 12410 Milestone Center Drive, Germantown, Maryland 20876.
7. That a copy of the Agreement will be provided by Acterna upon request and without cost to any person holding an interest in either Acterna or the Disappearing Corporation.

IN WITNESS WHEREOF, Acterna LLC has caused this Certificate to be executed by John D. Ratliff, thereunto duly authorized this 18<sup>th</sup> day of November 2002.

ACTERNA LLC

By:   
John D. Ratliff  
Senior Vice President and  
Chief Financial Officer