

TRADEMARK ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	MERGER
EFFECTIVE DATE:	08/02/2005

CONVEYING PARTY DATA

Name	Formerly	Execution Date	Entity Type
Acterna LLC		08/02/2005	LIMITED LIABILITY COMPANY: DELAWARE

RECEIVING PARTY DATA

Name:	JDS Uniphase Corporation
Street Address:	One Milestone Center Court
Internal Address:	Legal Dept - John Dials
City:	Germantown
State/Country:	MARYLAND
Postal Code:	20876
Entity Type:	CORPORATION: DELAWARE

PROPERTY NUMBERS Total: 3

Property Type	Number	Word Mark
Registration Number:	1583432	FIREBERD
Registration Number:	2329081	PATHTRAK
Registration Number:	2880563	TEST PAD

CORRESPONDENCE DATA

Fax Number: (240)404-1198
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
 Phone: 301-353-1550
 Email: legal.ip@jdsu.com
 Correspondent Name: JDS Uniphase Corporation
 Address Line 1: One Milestone Center Court
 Address Line 2: Legal Dept - John Dials
 Address Line 4: Germantown, MARYLAND 20876

900177761

TRADEMARK
 REEL: 004424 FRAME: 0037

OP \$90.00 1583432

ATTORNEY DOCKET NUMBER:	ACTERNA-JDSU ASSIGNMENTS
NAME OF SUBMITTER:	John Dials
Signature:	/John Dials/
Date:	12/02/2010
<p>Total Attachments: 9 source=JDSU Secretary's Certificate#page1.tif source=Conversion Certificate - DE#page1.tif source=Conversion Certificate - DE#page2.tif source=Conversion Certificate - DE#page3.tif source=Conversion Certificate - DE#page4.tif source=Conversion Certificate - DE#page5.tif source=Certification JDS Uniphase - Acterna Merger#page1.tif source=Certification JDS Uniphase - Acterna Merger#page2.tif source=Certification JDS Uniphase - Acterna Merger#page3.tif</p>	

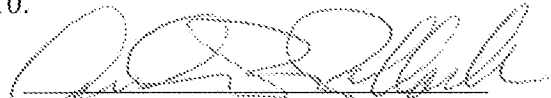
JDS UNIPHASE CORPORATION

SECRETARY'S CERTIFICATE

On this 22nd day of November, 2010, the undersigned, Andrew R. Pollack, hereby certifies that he is the duly appointed Secretary of JDS Uniphase Corporation, a corporation organized under the laws of the State of Delaware (the "Company"), and further certifies on behalf of the Company as follows:

1. The Company acquired Acterna Inc. on August 2, 2005. Acterna Inc. (now renamed JDSU Acterna Holdings LLC) is a wholly owned subsidiary of the Company. A true and correct copy of the Certificate of Merger evidencing this transaction is attached hereto as Exhibit A.

IN WITNESS WHEREOF, I have hereunto set my hand and the seal of the Corporation as of this 22nd day of November, 2010.


Andrew R. Pollack



Delaware

PAGE 1

The First State

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE DO HEREBY CERTIFY THAT THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF CONVERSION OF A DELAWARE CORPORATION UNDER THE NAME OF "ACTERNA INC." TO A DELAWARE LIMITED LIABILITY COMPANY, CHANGING ITS NAME FROM "ACTERNA INC." TO "JDSU ACTERNA HOLDINGS LLC", FILED IN THIS OFFICE ON THE TWENTIETH DAY OF DECEMBER, A.D. 2007, AT 5:43 O'CLOCK P.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF CONVERSION IS THE TWENTY-EIGHTH DAY OF DECEMBER, A.D. 2007, AT 9 O'CLOCK A.M.

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

3715162 8100V

071349247

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



Harriet Smith Windsor

Harriet Smith Windsor, Secretary of State

AUTHENTICATION: 6261055

DATE: 12-21-07

TRADEMARK
REEL: 004424 FRAME: 0040

State of Delaware
Secretary of State
Division of Corporations
Delivered 05:43 PM 12/20/2007
FILED 05:43 PM 12/20/2007
SRV 071349247 - 3715162 FILE

**CERTIFICATE OF CONVERSION
FROM A CORPORATION
TO LIMITED LIABILITY COMPANY**

Pursuant to Sections 18-204 and 18-214 of the
Delaware Limited Liability Company Act
and Section 266 of the
General Corporation Law of the State of Delaware

1. The name of the Corporation immediately prior to the filing of this Certificate of Conversion is Acterna Inc.

2. The Corporation was originally incorporated on the fourteenth day of October, 2003 under the laws of the State of Delaware. The Corporation's jurisdiction of incorporation immediately prior to the filing of this Certificate of Conversion is the State of Delaware.

3. The name of the limited liability company into which the Corporation shall be converted, as set forth in its Certificate of Formation, is JDSU Acterna Holdings LLC.


4. The Conversion has been approved in accordance with the provisions of Section 266 of the General Corporation Law of the State of Delaware.

5. Pursuant to Section 103(d) of the General Corporation Law of the State of Delaware, this Certificate of Conversion shall be effective at 9a.m. on the 28th day of December, 2007.

[SIGNATURE PAGE FOLLOWS]

IN WITNESS WHEREOF, the Corporation has caused this Certificate of Conversion to be executed in its name this 20th day of December, 2007.

ACTERNA INC.

By: 
Name: Christopher S. Dewees
Title: President

Delaware

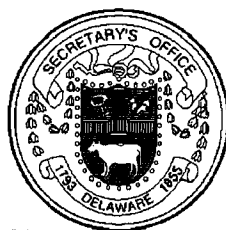
PAGE 2

The First State

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE DO HEREBY CERTIFY THAT THE ATTACHED IS A TRUE AND CORRECT COPY OF CERTIFICATE OF FORMATION OF "JDSU ACTERNA HOLDINGS LLC" FILED IN THIS OFFICE ON THE TWENTIETH DAY OF DECEMBER, A.D. 2007, AT 5:43 O'CLOCK P.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF FORMATION IS THE TWENTY-EIGHTH DAY OF DECEMBER, A.D. 2007, AT 9 O'CLOCK A.M.

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



3715162 8100V

071349247

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

Harriet Smith Windsor

Harriet Smith Windsor, Secretary of State

AUTHENTICATION: 6261055

DATE: 12-21-07

TRADEMARK
REEL: 004424 FRAME: 0043

State of Delaware
Secretary of State
Division of Corporations...
Delivered 05:43 PM 12/20/2007
FILED 05:43 PM 12/20/2007
SRV 071349247 - 3715162 FILE

CERTIFICATE OF FORMATION

OF

JDSU ACTERNA HOLDINGS LLC

1. The name of the limited liability company is JDSU ACTERNA HOLDINGS LLC.
2. The address of its registered office in the State of Delaware is Corporation Trust Center, 1209 Orange Street, in the city of Wilmington, County of New Castle. The name of its registered agent at such address is The Corporation Trust Company.
3. This Certificate of Formation shall be effective as of 28th of December, 2007 at 9 a.m.

IN WITNESS WHEREOF, the undersigned has executed this Certificate of Formation of JDSU Acterna Holdings LLC on this 20th day of December, 2007.

JDSU ACTERNA HOLDINGS LLC

By: 
Name: Christopher S. Dewees
Title: President

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:

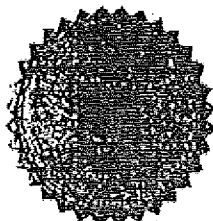
"JDSU ACQUISITION VII, INC.", A DELAWARE CORPORATION, WITH AND INTO "ACTERNA INC." UNDER THE NAME OF "ACTERNA INC.", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE SECOND DAY OF AUGUST, A.D. 2005, AT 8:45 O'CLOCK P.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF MERGER IS THE THIRD DAY OF AUGUST, A.D. 2005, AT 8 O'CLOCK A.M.

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

3715162 8100M

050637430



Harriet Smith Windsor
Harriet Smith Windsor, Secretary of State
AUTHENTICATION: 4064933

DATE: 08-02-05

TRADEMARK
REEL: 004424 FRAME: 0045

State of Delaware
Secretary of State
Division of Corporations
Delivered 08:50 PM 08/02/2005
FILED 08:45 PM 08/02/2005
SRV 050637430 - 3715162 FILE

CERTIFICATE OF MERGER

MERGING

JDSU ACQUISITION VII, INC.

INTO

ACTERNA INC.

Pursuant to Section 251 of the
Delaware General Corporation Law

The undersigned corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware does hereby certify:

FIRST: That the names and state of incorporation of each of the constituent corporations in the merger are Acterna Inc., a Delaware corporation, and JDSU Acquisition VII, Inc., a Delaware corporation.

SECOND: That an Agreement and Plan of Merger, dated as of May 23, 2005 and amended as of July 18, 2005, by and among JDS Uniphase Corporation, a Delaware corporation, Acterna Inc., a Delaware corporation, JDSU Acquisition VII, Inc., a Delaware corporation, and for a limited purpose, Antelope Indemnity Holdings, LLC, a Delaware limited liability company (the "Merger Agreement") has been approved, adopted, certified, executed and acknowledged by each of the constituent corporations in accordance with the requirements of Section 251 of the General Corporation Law of the state of Delaware.

THIRD: That the name of the surviving corporation is Acterna Inc., a Delaware corporation.

FOURTH: That the Certificate of Incorporation of the surviving corporation, Acterna Inc., shall be its Certificate of Incorporation until thereafter amended.

FIFTH: That the executed Merger Agreement is on file at the office of the surviving corporation at One Milestone Center Court, Germantown, MD 20876.

SIXTH: That a copy of the Merger Agreement will be furnished by the surviving corporation on request, without cost, to any stockholder of the constituent corporations.

SEVENTH: That the merger shall become effective on August 3, 2005 at 8:00 a.m. New York City Time.

WINGTON - 302_655_4236 GROUP 6 (TUE) 8: 2' 05 21:06/ST. 21:05/NO. 4269103827 ? 4

IN WITNESS WHEREOF, said surviving corporation has caused this certificate to be signed by an authorized officer, August 2, 2005.

Acterna Inc.,
a Delaware corporation

By: John P. Peeler

Name: John P. Peeler

Title: President and Chief Executive Officer