

TRADEMARK ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:		NEW ASSIGNMENT	
NATURE OF CONVEYANCE:		CHANGE OF NAME	
CONVEYING PARTY DATA			
Name		Formerly	Entity Type
TEXAS ADVANCED OPTOELECTRONIC SOLUTIONS, INC.			CORPORATION: NEVADA
Execution Date		07/29/2011	
RECEIVING PARTY DATA			
Name:	AMS-TAOS USA INC.		
Street Address:	1001 KLEIN ROAD, SUITE 300		
City:	PLANO		
State/Country:	TEXAS		
Postal Code:	75074		
Entity Type:	CORPORATION: NEVADA		
PROPERTY NUMBERS Total: 1			
Property Type	Number	Word Mark	
Registration Number:	2583483	LUMENOLOGY	
CORRESPONDENCE DATA			
Fax Number:	(972)479-0464		
Phone:	9724790462		
Email:	TRADEMARKS@DALPAT.COM		
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>			
Correspondent Name:	TIMOTHY F. BLISS		
Address Line 1:	P.O. BOX 741715		
Address Line 4:	DALLAS, TEXAS 75374-1715		
ATTORNEY DOCKET NUMBER:	TAOS-30611		
NAME OF SUBMITTER:	TIMOTHY F. BLISS		
Signature:	/Timothy F. Bliss Reg. #50925/		

CH \$40.00 2583483

Date:

02/22/2012

**Total Attachments: 6**

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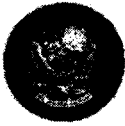
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ROSS MILLER  
 Secretary of State  
 204 North Carson Street, Suite 1  
 Carson City, Nevada 89701-4520  
 (775) 684-5708  
 Website: www.nvsos.gov



\*090501\*

**Certificate to Accompany  
 Restated Articles or  
 Amended and Restated Articles**  
 (PURSUANT TO NRS)

Filed in the office of  Ross Miller Secretary of State State of Nevada	Document Number <b>00003260339-16</b>
	Filing Date and Time <b>09/28/2011 2:20 PM</b>
	Entity Number <b>C27730-1998</b>

USE BLACK INK ONLY - DO NOT HIGHLIGHT

ABOVE SPACE IS FOR OFFICE USE ONLY

**This Form is to Accompany Restated Articles or Amended and Restated Articles of Incorporation**  
 (Pursuant to NRS 78.403, 82.371, 86.221, 87A, 88.355 or 88A.250)

(This form is also to be used to accompany Restated Articles or Amended and Restated Articles for Limited-Liability Companies, Certificates of Limited Partnership, Limited-Liability Limited Partnerships and Business Trusts)

1. Name of Nevada entity as last recorded in this office:

Texas Advanced Optoelectronic Solutions, Inc.

2. The articles are: (mark only one box)  Restated  Amended and Restated

Please entitle your attached articles "Restated" or "Amended and Restated," accordingly.

3. Indicate what changes have been made by checking the appropriate box:\*

No amendments; articles are restated only and are signed by an officer of the corporation who has been authorized to execute the certificate by resolution of the board of directors adopted on:  
 The certificate correctly sets forth the text of the articles or certificate as amended to the date of the certificate.

The entity name has been amended.

The registered agent has been changed. (attach Certificate of Acceptance from new registered agent)

The purpose of the entity has been amended.

The authorized shares have been amended.

The directors, managers or general partners have been amended.

IRS tax language has been added.

Articles have been added.

Articles have been deleted.

Other. The articles or certificate have been amended as follows: (provide article numbers, if available)

Article III has been amended by deleting all references to preferred stock and by deleting the section relating to the rights, preferences, privileges and restrictions relating to the capital stock.

\* This form is to accompany Restated Articles or Amended and Restated Articles which contain newly altered or amended articles. The Restated Articles must contain all of the requirements as set forth in the statutes for amending or altering the articles for certificates.

**IMPORTANT:** Failure to include any of the above information and submit with the proper fees may cause this filing to be rejected.

This form must be accompanied by appropriate fees.

Nevada Secretary of State Restated Articles  
 Revised: 10-16-09

**TRADEMARK**  
**REEL: 004721 FRAME: 0061**

**THIRD AMENDED AND RESTATED  
ARTICLES OF INCORPORATION  
OF  
TEXAS ADVANCED OPTOELECTRONIC SOLUTIONS, INC.  
a Nevada corporation**

Kirk Laney, the President, and David Craig, the Secretary, of Texas Advanced Optoelectronic Solutions, Inc. (the "**Corporation**"), a Nevada corporation, hereby certify as follows:

1. The Corporation was incorporated pursuant to the Nevada Revised Statutes (the "NRS") Chapter 78 as "Texas Advanced Optoelectronic Solutions, Inc." on November 30, 1998.
2. The Corporation filed Amended and Restated Articles of Incorporation with the Secretary of State of the State of Nevada on September 9, 2002.
3. The Corporation filed Second Amended and Restated Articles of Incorporation with the Secretary of State of the State of Nevada on October 13, 2004.
4. The number of shares outstanding and entitled to vote on the following Third Amended and Restated Articles of Incorporation proposed by the Board of Directors of the Corporation was 12,097,537.50 shares of Common Stock.
5. Pursuant to resolutions unanimously adopted by the Board of Directors of the Corporation and the sole stockholder of the Corporation on July 29, 2011, (a) the Board adopted the following Third Amended and Restated Articles of Incorporation, and (b) the sole stockholder of the Corporation voted all 12,097,537.50 outstanding shares of Common Stock in favor of the adoption of the following Third Amended and Restated Articles of Incorporation.
6. Pursuant to the provisions of Sections 78.390 and 78.403 of the NRS, the Corporation hereby adopts the following Third Amended and Restated Articles of Incorporation:

**ARTICLE I**

1. Name. The name of the Corporation is AMS-TAOS USA Inc.
2. Registered Office. The address of the registered office of the Corporation in the State of Nevada is 251 Jeanell Drive, Carson City, Nevada 89703, and the name of the registered agent of the Corporation in the State of Nevada at such address is Corporate Advisory Service, Inc.

**ARTICLE II**

The nature of the business or purposes to be conducted or promoted by the Corporation is to engage in any lawful act or activity for which corporations may be organized under the NRS, as the same exists or as may hereafter be amended.

### ARTICLE III

The Corporation is authorized to issue one class of stock, to be designated as "Common Stock." The total number of shares of Common Stock that the Corporation is authorized to issue is 35,000,000, par value \$0.001 per share. The Corporation may, from time to time in accordance with the laws of the State of Nevada, increase the number of authorized shares of its Common Stock.

### ARTICLE IV

To the fullest extent permitted by the NRS, as the same exists or as may hereafter be amended, no director or officer of the Corporation shall be personally liable to the Corporation or its stockholders for damages as a result of any act, or failure to act, in his or her capacity as a director or officer of the Corporation.

To the fullest extent permitted by the NRS, as the same exists or as may hereafter be amended, the Corporation shall indemnify and advance expenses to its officers and directors. Without limiting the generality of the foregoing, the Corporation shall indemnify any person who was, is or is threatened to be made a party to a proceeding (as hereinafter defined) by reason of the fact that he or she (i) is or was a director or officer of the Corporation, or (ii) while a director or officer of the Corporation, is or was serving at the request of the Corporation as a director, officer, employee or agent of another foreign or domestic corporation, partnership, joint venture, trust or other enterprise, to the fullest extent permitted under the NRS, as the same exists or may hereafter be amended.

Such rights shall be contract rights and as such shall run to the benefit of any director or officer who is elected and accepts the position of director or officer of the Corporation or elects to continue to serve as a director or officer of the Corporation while this Article IV is in effect. Any repeal or amendment of this Article IV shall be prospective only and shall not limit the rights of any such director or officer or the obligations of the Corporation with respect to any claim arising from or related to the services of such director or officer in any of the foregoing capacities prior to any such repeal or amendment to this Article IV. Such right shall include the right to be paid by the Corporation expenses incurred in defending any such proceeding in advance of its final disposition to the maximum extent permitted under the NRS, as the same exists or as may hereafter be amended.

If a claim for indemnification or advancement of expenses hereunder is not paid in full by the Corporation within sixty (60) days after a written claim has been received by the Corporation, the claimant may at any time thereafter bring suit against the Corporation to recover the unpaid amount of the claim, and if successful in whole or in part, the claimant shall also be entitled to be paid the expenses of prosecuting such claim. It shall be a defense to any such action that such indemnification or advancement of costs or defense is not permitted under the NRS, but the burden of proving such defense shall be on the Corporation. Neither the failure of the Corporation (including the Board of Directors or any Committee thereof, independent legal counsel or stockholders) to have made its determination prior to the commencement of such action that indemnification of, or advancement of costs of defense to, the claimant is permissible in the circumstances nor an actual determination by the Corporation (including the Board of

Directors of the Corporation or any Committee thereof, independent legal counsel or stockholders) that such indemnification or advancement is not permissible shall be a defense to the action or create a presumption that such indemnification by the Corporation is not permissible.

In the event of the death of any person having rights of indemnification under the foregoing provisions, such right shall inure to the benefit of his or her heirs, executors, administrators and personal representatives. The rights conferred above shall not be exclusive of any other right which any person may have or hereafter acquire under any statute, bylaw, resolution of stockholders or directors, agreement or otherwise.

The Corporation may also indemnify any employee or agent of the Corporation to the fullest extent permitted by the NRS, as the same exists or as may hereafter be amended.

As used herein, the term "proceeding" means any threatened, pending or completed action, suit or proceeding, whether civil, criminal, administrative or investigative, any appeal in such an action, suit or proceeding, and any inquiry or investigation that could lead to such an action, suit or proceeding.

#### **ARTICLE V**

The Corporation reserves the right to amend, alter, change or repeal any provision contained in these Third Amended and Restated Articles of Incorporation in the manner now or hereafter prescribed by statute or these Third Amended and Restated Articles of Incorporation, and all rights conferred upon stockholders herein are granted subject to this reservation.

#### **ARTICLE VI**

In furtherance and not in limitation of the powers conferred by statute, the Board of Directors of the Corporation is expressly authorized to make, alter, amend or repeal the Bylaws of the Corporation.

#### **ARTICLE VII**

The number of directors that constitute the whole Board of Directors of the Corporation may be increased or decreased in the manner provided for in the Bylaws of the Corporation. Cumulative voting shall not be permitted.

#### **ARTICLE VIII**

Elections of directors need not be by written ballot unless the Bylaws of the Corporation shall so provide.

#### **ARTICLE IX**

Meetings of stockholders may be held within or without the State of Nevada, as the Bylaws of the Corporation may provide. The books of the Corporation may be kept (subject to any provision contained in the NRS) outside the State of Nevada at such place or places as may

be designated from time to time by the Board of Directors of the Corporation or in the Bylaws of the Corporation.

#### **ARTICLE X**

No holder of any class of shares of the Corporation shall be entitled as a matter of right to exercise preemptive rights to acquire, purchase or subscribe for any shares of stock of any class, whether now or hereafter authorized, or whether unissued or treasury capital stock of the Corporation, or any notes, bonds, debentures, warrants, options, rights or evidence of indebtedness, whether or not convertible into or exchangeable for any such security, other than such rights, if any, as the Board of Directors of the Corporation, at its discretion, from time to time may grant.

#### **ARTICLE XI**

The Corporation is to have perpetual existence.

#### **ARTICLE XII**

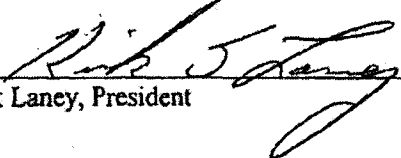
The governing board of the Corporation shall be styled as directors.

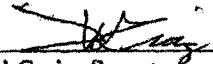
#### **ARTICLE XIII**

Subject to the terms of these Third Amended and Restated Articles of Incorporation, and to the fullest extent permitted by the NRS, as the same exists or as may hereafter be amended, the Corporation shall be expressly permitted to redeem, repurchase or make distributions, as that term is defined in Section 78.191 of the NRS, with respect to the shares of its capital stock in all circumstances other than where doing so would cause the Corporation to be unable to pay its debts as they become due in the usual course of business.

\* \* \* \* \*

The undersigned President and Secretary of the Corporation hereby execute this Certificate pursuant to Section 78.403 of the NRS on July 29, 2011.

  
\_\_\_\_\_  
Kirk Laney, President

  
\_\_\_\_\_  
David Craig, Secretary

*SIGNATURE PAGE TO THIRD AMENDED AND RESTATED  
ARTICLES OF INCORPORATION OF  
TEXAS ADVANCED OPTOELECTRONIC SOLUTIONS, INC.*