

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3787060

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	CHANGE OF NAME	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	PMC-SIERRA US, INC.	01/15/2016
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	MICROSEMI STORAGE SOLUTIONS (U.S.), INC.	
<b>Street Address:</b>	ONE ENTERPRISE	
<b>City:</b>	ALISO VIEJO	
<b>State/Country:</b>	CALIFORNIA	
<b>Postal Code:</b>	92656	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	14186786
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(613)787-3558	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>		
<b>Phone:</b>	(613) 237-5160	
<b>Email:</b>	alcampbell@blg.com	
<b>Correspondent Name:</b>	BORDEN LADNER GERVAIS LLP	
<b>Address Line 1:</b>	100 QUEEN STREET	
<b>Address Line 2:</b>	SUITE 1300	
<b>Address Line 4:</b>	OTTAWA, CANADA K1P 1J9	
<b>ATTORNEY DOCKET NUMBER:</b>	PAT 7479-2	
<b>NAME OF SUBMITTER:</b>	ALEX CAMPBELL	
<b>SIGNATURE:</b>	/Alex Campbell/	
<b>DATE SIGNED:</b>	03/16/2016	
<b>Total Attachments: 4</b>		
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# Delaware

The First State

Page 1

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE RESTATED CERTIFICATE OF "PMC-SIERRA US, INC.", CHANGING ITS NAME FROM "PMC-SIERRA US, INC." TO "MICROSEMI STORAGE SOLUTIONS (U.S.), INC.", FILED IN THIS OFFICE ON THE FIFTEENTH DAY OF JANUARY, A.D. 2016, AT 1:37 O`CLOCK P.M.

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



3094341 8100  
SR# 20160245839

You may verify this certificate online at [corp.delaware.gov/authver.shtml](http://corp.delaware.gov/authver.shtml)

A handwritten signature in black ink, appearing to read "JB", is written over a horizontal line. Below the line, the text "Jeffrey W. Bullock, Secretary of State" is printed in a small font.

Authentication: 201684076  
Date: 01-15-16

**PATENT**  
**REEL: 038121 FRAME: 0861**

AMENDED AND RESTATED CERTIFICATE OF INCORPORATION  
OF  
PMC-SIERRA US, INC.

(Pursuant to Sections 242 and 245 of the

General Corporation Law of the State of Delaware)

1. The name of the corporation (hereinafter called the "Corporation") is PMC-Sierra US, Inc.

2. The Certificate of Incorporation of Quantum Effect Devices, Inc. was originally filed on September 9, 1999, and amended by the Restated Certificate, filed on December 28, 1999, the Certificate of Merger filed on December 28, 1999, the Restated Certificate filed on February 4, 2000, the Certificate of Merger filed on August 24, 2000, the Certificate of Amendment filed on November 3, 2000 pursuant to which the Corporation changed its name from Quantum Effect Devices, Inc. to PMC-Sierra US, Inc., the Certificate of Merger, filed December 28, 2000, the Certificate of Merger filed on December 18, 2003, the Certificate of Merger filed on December 18, 2003, the Certificate of Change filed on May 16, 2008, the Certificate of Merger, filed on December 4, 2009 and the Certificate of Change filed on August 5, 2011.

3. This Amended and Restated Certificate of Incorporation amends, restates and integrates the provisions of the Certificate of Incorporation of said Corporation and has been duly adopted in accordance with the provisions of Sections 242 and 245 of the General Corporation Law of the State of Delaware.

4. The text of the Certificate of Incorporation is hereby amended and restated to read in full as follows:

ARTICLE I

The name of this corporation is Microsemi Storage Solutions (U.S.), Inc. (the "Corporation").

ARTICLE II

The address of the registered office of the Corporation in the State of Delaware and the County of New Castle is 2711 Centerville Road, Suite 400 Wilmington, Delaware 19808 and the name of the registered agent at that address is Corporation Service Company.

ARTICLE III

The purpose of the Corporation is to engage in any lawful act or activity for which corporations may be organized under the Delaware General Corporation Law (the "DGCL") as the same exists or may hereafter be amended.

State of Delaware  
Secretary of State  
Division of Corporations  
Delivered 01:37 PM 01/15/2016  
FILED 01:37 PM 01/15/2016  
SR 20034341 The Number 3094341

**PATENT**  
**REEL: 038121 FRAME: 0862**

#### ARTICLE IV

This Corporation is authorized to issue one class of stock to be designated "Common Stock." The total number of shares which the Corporation is authorized to issue is One Thousand (1,000) shares, all of which shall be Common Stock, par value \$0.001 per share.

#### ARTICLE V

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 VI

Elections of directors need not be by written ballot unless otherwise provided in the Bylaws of the Corporation.

#### ARTICLE VII

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

#### ARTICLE VIII

To the fullest extent permitted by the DGCL, as the same exists or may hereafter be amended, a director of the Corporation shall not be personally liable to the Corporation or its stockholders for monetary damages for breach of fiduciary duty as a director. The Corporation may indemnify to the fullest extent permitted by law any person made or threatened to be made a party to an action or proceeding, whether criminal, civil, administrative or investigative, by reason of the fact that such person or his or her testator or intestate is or was a director, officer or employee of the Corporation, or any predecessor of the Corporation, or serves or served at any other enterprise as a director, officer or employee at the request of the Corporation or any predecessor to the Corporation.

IN WITNESS WHEREOF, this Amended and Restated Certificate of Incorporation has been duly signed by a duly authorized officer of the Corporation this 15th day of January, 2016

PMC-SIERRA US, INC.

By:   
Name: Steven Litchfield  
Title: Secretary

*[Amended and Restated Certificate of Incorporation of PMC-Sierra US, Inc.]*