503577189 11/19/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3623817

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	CHANGE OF NAME

CONVEYING PARTY DATA

Name	Execution Date
VISHAY DALE ELECTRONICS, INC.	03/27/2015

RECEIVING PARTY DATA

Name:	VISHAY DALE ELECTRONICS, LLC
Street Address:	1122 23RD STREET
City:	COLUMBUS
State/Country:	NEBRASKA
Postal Code:	68601

PROPERTY NUMBERS Total: 3

Property Type	Number
Application Number:	14228780
Patent Number:	8242878
Patent Number:	8686828

CORRESPONDENCE DATA

Fax Number: (215)568-6499

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.

Phone: 215-568-6400 Email: dlarsen@vklaw.com

Correspondent Name: VOLPE AND KOENIG, P.C.

Address Line 1: UNITED PLAZA, SUITE 1800

Address Line 2: 30 SOUTH 17TH STREET

Address Line 4: PHILADELPHIA, PENNSYLVANIA 19103

ATTORNEY DOCKET NUMBER:	TORNEY DOCKET NUMBER: VIID003-P08546US00 - US02	
NAME OF SUBMITTER:	MICHAEL F. SNYDER	
SIGNATURE:	/Michael F. Snyder/	
DATE SIGNED:	11/19/2015	

Total Attachments: 4

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PATENT 503577189 REEL: 037147 FRAME: 0371

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PATENT REEL: 037147 FRAME: 0372 Delaware

PAGE 1

The First State

I, JEFFREY W. BULLOCK, 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 "VISHAY DALE ELECTRONICS, INC." TO

A DELAWARE LIMITED LIABILITY COMPANY, CHANGING ITS NAME FROM

"VISHAY DALE ELECTRONICS, INC." TO "VISHAY DALE ELECTRONICS,

LLC", FILED IN THIS OFFICE ON THE TWENTY-SIXTH DAY OF MARCH,

A.D. 2015, AT 5:23 O'CLOCK P.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF CONVERSION IS THE FIRST DAY OF APRIL, A.D. 2015.

0917595 8100V

150418573

Jeffrey W. Bullock, Secretary of State

AUTHENT CATION: 2241283

DATE: 03-27-15

PATENT REEL: 037147 FRAME: 0373

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

State of Delaware Secretary of State Division of Corporations Delivered 05:23 PM 03/26/2015 FILED 05:23 PM 03/26/2015 SRV 150418573 - 0917595 FILE

STATE OF DELAWARE CERTIFICATE OF CONVERSION FROM A CORPORATION TO A LIMITED LIABILITY COMPANY PURSUANT TO SECTION 18-214 OF THE LIMITED LIABILITY ACT

- 1. The jurisdiction where the Corporation first formed is the State of Delaware.
- 2. The jurisdiction immediately prior to filing this Certificate is the State of Delaware.
- 3. The date the corporation first formed is July 1, 1981.
- 4. The name of the Corporation immediately prior to filing this Certificate is Vishay Dale Electronics, Inc..
- 5. The name of the Limited Liability Company as set forth in the Certificate of Formation is Vishay Dale Electronics, LLC.
- 6. The Conversion of the Corporation to a limited liability company shall be effective on April 1, 2015.

IN WITNESS WHEREOF, the undersigned have executed this certificate on the day of March 2015.

Name: David L. Tomlinson Title: Authorized Person

> PATENT REEL: 037147 FRAME: 0374

Delaware

PAGE 2

The First State

I, JEFFREY W. BULLOCK, 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 "VISHAY DALE

ELECTRONICS, LLC" FILED IN THIS OFFICE ON THE TWENTY-SIXTH DAY

OF MARCH, A.D. 2015, AT 5:23 O'CLOCK P.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF FORMATION IS THE FIRST DAY OF APRIL, A.D. 2015.

0917595 8100V

150418573

AUTHENTICATION: 2241283

DATE: 03-27-15

DATENT

Jeffrey W. Bullock, Secretary of State

PATENT REEL: 037147 FRAME: 0375

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

State of Delaware Secretary of State Division of Corporations Delivered 05:23 PM 03/26/2015 FILED 05:23 PM 03/26/2015 SRV 150418573 - 0917595 FILE

STATE OF DELAWARE

LIMITED LIABILITY COMPANY

CERTIFICATE OF FORMATION

OF

VISHAY DALE ELECTRONICS, LLC

The undersigned, an authorized natural person, for the purpose of forming a limited liability company under the provisions and subject to the requirements of the State of Delaware (particularly Chapter 18, Title 6 of the Delaware Code and the acts amendatory thereof and supplemental thereto, and known, identified, and referred to as the "Delaware Limited Liability Company Act"), hereby certifies that:

FIRST: The name of the limited liability company is Vishay Dale Electronics, LLC (the "Company").

SECOND: The address of the registered office and the name and the address of the registered agent of the Company required to be maintained by Section 18-104 of the Delaware Limited Liability Company Act are: Corporation Service Company, 2711 Centerville Road, Suite 400, City of Wilmington, County of New Castle, Delaware 19808.

THIRD: The Formation of the limited liability company shall be effective on April 1, 2015.

In Witness Whereof, the undersigned have executed this Certificate of Formation this A3-L day of March 2015.

Name: David L. Tomlinson Title: Authorized Person

> PATENT REEL: 037147 FRAME: 0376

RECORDED: 11/19/2015