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To the Honorable Commissioner of Patent

## 1. Name of conveying party(ies):

Anthony E. Troianello

Additional name(s) of conveying party(ies) attached? ☐ Yes ☐ No

## 3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ OtherExecution Date: January 10, 2000

## 2. Name and address of receiving party(ies)

Name: Vishay Intertechnology, Inc.

Internal Address: \_\_\_\_\_

Street Address: 63 Lincoln Hwy.City: Malvern State: PA Zip: 19355Additional name(s) & address(es) attached? ☐ Yes ☒ No

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

## A. Patent Application No.(s)

Serial No. 09/466,939

## B. Patent No.(s)

Additional numbers attached? ☐ Yes ☐ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Donald H. Zarley

Internal Address: \_\_\_\_\_

Street Address: Zarley, McKee, Thomte et al.801 Grand Avenue, Suite 3200City: Des Moines State: IA Zip: 50309-2721

## 6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41).....\$ 40.00☒ Enclosed☐ Authorized to be charged to deposit account

## 8. Deposit account number:

26-0084

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## 9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*Ruth E. Fisher

Name of Person Signing

Signature

Feb. 15, 2000

Date

Total number of pages including cover sheet, attachments, and document:

4

Mail documents to be recorded with required cover sheet information to:

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03/24/2000 DNGUYEN 00000330 09466939

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PATENT  
REEL: 010629 FRAME: 0093

# A S S I G N M E N T

In consideration of One Dollar and other good and valuable considerations, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assigns to VISHAY INTERTECHNOLOGY, INC., a Delaware corporation, having an address of 63 Lincoln Hwy., Malvern, Pennsylvania, 19355 its successors and assigns the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, Serial No. 09/466,939, filed in the United States Patent and Trademark Office on the 20th day of December, 1999, entitled ELECTRO-PYROTECHNIC INITIATOR, and in said application and any and all other applications for United States Letters Patent, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent, applications, and in any reissue or extension thereof.

The undersigned hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said VISHAY INTERTECHNOLOGY, INC.


For said considerations the undersigned hereby agree, upon the request, and at the expense of said assignee, its successors and assigns, to execute any and all divisional continuation and substitute applications for said invention or improvements, and any necessary oath or affidavit relating thereto, and any application for the reissue or

extension of any Letters Patent that may be granted upon said application, and for the said considerations the undersigned further agree upon the request of said assignee, its successors or assigns, in the event of any application or Letters Patent assigned herein becoming involved in interference, to cooperate to the best of the ability of the undersigned with said assignee, its successors or assigns in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof, the undersigned hereby agreeing to perform, upon request, any and all affirmative acts to obtain said Letters Patent of the United States and vest all rights therein hereby conveying in the said assignee, its successors and assigns whereby said Letters Patent will be held and enjoyed by the said assignee, its successors and assigns to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment and sale had not been made.

And for said considerations the undersigned hereby assign to said assignee, its successors and assigns, the entire right, title and interest in said invention or improvements for any and all foreign countries and agree upon the request of assignee, its successors and assigns to execute any and all documents that undersigned shall be requested to execute in connection with any and all applications for foreign Letters Patent therefor, including

the prosecution thereof, and to execute any and all documents necessary to vest title in said foreign applications and patents in assignee.

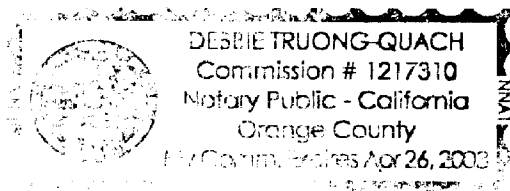
The attorneys of record are hereby authorized to insert the serial number and the filing date in the above blank spaces when received from the Patent Office.

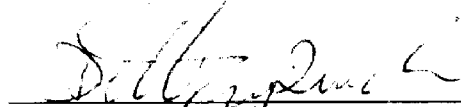
  
Anthony E. Troianello  
12871 Barrett Lane  
Santa Ana, California 92705

STATE OF CALIFORNIA                    )  
  ) ss.  
COUNTY OF Orange                    )

On this 10<sup>th</sup> day of January, ~~1999~~ <sup>2000</sup>, before me, a Notary Public in and for the County and State aforesaid, appeared Anthony E. Troianello, to me personally known to be the person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act for the uses and purposes therein expressed.

Witness my hand and seal the day and year last above given.



  
\_\_\_\_\_  
Notary Public

Commission Expires April 26, 2003