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U.S. DEPT. OF COMMERCE  
Patent & Trademark Office

To: Hon. Commissioner of Patents and Trademarks: Please record the attached original document or copy:

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

Reinhard HERZER and Mario NETZEL

Additional names? ☐ Yes ☒ No

## 3. Nature of conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other

Execution Date: April 6, 1998 &amp; April 9, 1998

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

Name: SEMIKRON Elektronik GmbH

Internal Address:

Street Address: Sigmundstr. 200, Postfach 820251,

D-90253 Nurnberg, GERMANY

City: State: ZIP:

Additional names & addresses attached? ☐ Yes ☒ No

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

Attorney Docket No.: G1940-5

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

A. Patent Serial No.(s): 08/985,761

B. Patent No.(s):

Filing Date:

December 5, 1997

Issue Date:

Additional numbers attached? ☐ Yes ☒ No5. Name and address of party to whom  
correspondence should be mailed:

Name: Thomas R. Morrison, Esq.

Internal Address: Morrison Law Firm

Street Address: 145 North Fifth Avenue

City: Mount Vernon State: N.Y. ZIP: 10550

05/14/1998 DMASH1 00000038 08985761

PA FC:561

40.00 BP

## 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(Attach duplicate copy of page if paying by deposit  
account)8. ☒ Charge any additional fees in connection with  
this submission to our Deposit Account No. 13-4550.

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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.

Thomas R. Morrison

Name of Person Signing

Reg. No. 27,361

Signature

Date

5/8/98

Total number of pages including cover sheet, attachments, and document: 3

PATENT

REEL: 9163 FRAME: 0142

**ASSIGNMENT**

In consideration of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned,

**Reinhard HERZER**

Gartenstr. 6, D-98693 Ilmenau, Germany

**Mario NETZEL**

Heinrich-Heine-Str. 29, D-06242 Braunsbedra, Germany

Hereby sell(s), assign(s), and transfer(s), in equal shares, to **SEMIKRON Elektronik GmbH**  
a corporation of **Germany**

having a place of business at **Sigmundstr. 200, Postfach 820251,  
D-90253 Nuernberg, Germany**

its successors, assigns and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which:

\_\_\_\_\_ has been executed by the undersigned concurrently herewith,

  X   was filed on December 5, 1997 as Application Serial No. 08/985,761,

Attorney Docket No. G1940-5, and is entitled:

**IGBT WITH TRENCH GATE STRUCTURE**

and in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements, and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said improvements, together with the right to sue for past damages, if any;

Agree(s) that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements,

execute all rightful oaths, assignments, powers of attorney and other papers, communicate to said Assignee, its successors, assigns, and representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

Covenant(s) with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

The undersigned declare(s) further that all statements made herein of his/their own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of this assignment, patent or patent application and any patent issuing thereon.

Reinhard Heizer  
Signature

6.4.1998  
Date

Mari Nehl  
Signature

9.4.1998  
Date

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