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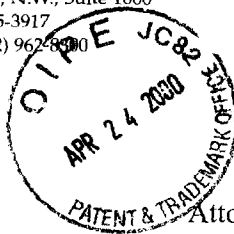
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VENABLE
ATTORNEYS AT LAW



Norman N. Kunitz
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Attorney Docket: 31440-132101

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

BOX ASSIGNMENT

REQUEST FOR RECORDING AND COVER SHEET UNDER 37 C.F.R. §§ 3.28 AND 3.31

Please record the attached original document.

1. Name of parties conveying the interest:

Shuming XU, Rainer CONSTAPEL, and Jacek KOREC

2. Name and address of party receiving the interest:

Vishay Semiconductor GmbH
Theresienstrasse 2
D-74072 Heilbronn, Germany

3. Description of the interest conveyed or transaction to be recorded:

Assignment Other:

4. Application Number: PCT/EP97/05165 (09/269,599)

Document filed together with a patent application executed on _____

5. Address correspondence concerning this request to:
VENABLE, Post Office Box 34385, Washington, D.C. 20043-9998.

6. Number of Applications, Patents or Registrations and total fee:

Patents: 1 patent rights @ \$40 Total: \$ 40.00

If a greater or lesser fee is required, please charge or credit Deposit Account No. 19-3700 accordingly and notify the undersigned.

7. Date of execution of document: March 3, and 5, 2000.

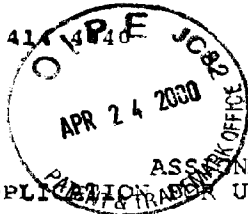
8. To the best of the knowledge and belief of the undersigned, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Date: April 24, 2000

Name: Norman N. Kunitz
Registration Number: 20,586

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NNK/crt
#197253



ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

Attorney Docket DAIBT 4824.01

- 2 -

EXECUTED, this 3rd day of March, 1999.

WITNESSES:

ASSIGNOR:

Signature: R Storch

Signature: R Constapel

Name: Storch, Regina

Name: Rainer CONSTAPEL

Address: GoldsteinsstraÙe 113
D-60528 Frankfurt

Signature: [Handwritten Signature]

Name: Eschbach, Annela

Address: GoldsteinsstraÙe 113
D-60528 Frankfurt

EXECUTED, this _____ day of _____, 1999.

WITNESSES:

ASSIGNOR:

Signature: _____

Signature: _____

Name: _____

Name: Jacek KOREC

Address: _____

Signature: _____

Name: _____

Address: _____

VENABLE
Washington, D.C.

ASSIGNMENT
OF APPLICATION FOR UNITED STATES LETTERS PATENT

Attorney Docket
DAIBT 4824.01

- 2 -

EXECUTED, this _____ day of _____, 1999.

WITNESSES:

ASSIGNOR:

Signature: _____

Signature: _____

Name: _____

Name: Rainer CONSTAPEL

Address: _____

Signature: _____

Name: _____

Address: _____

EXECUTED, this 5th day of March, 1999.

WITNESSES:

ASSIGNOR:

Signature: [Signature]

Signature: [Signature]

Name: Lisa Nauer

Name: Jacek KOREC

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Santa Clara, CA 95054

Signature: Anup Bhalla

Name: ANUP BHALLA

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