

RECOF

12-26-2000



101562527

To the Honorable Commissioner of Patents  
or copy thereof.

he attached original documents

1. Name of Conveying party(ies): **Stephan Kudelka, Helmut Tews, Irene Mcstay, Kil-ho Lee, Uwe Schroeder**

3. Nature of Conveyance: **Assignment**

Execution Date:

12/06/2000; 12/05/2000; 12/05/2000;  
12/05/2000; 12/05/2000

2. Name & address of receiving party(ies)

Name: **Infineon Technologies North America Corp**

Street

Address: **1730 North First Street**

City: **San Jose** State: **CA** ZIP: **95112**

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

Title of Application: **Negative Ion Implant Mask Formation for Self-aligned, Sublithographic Resolution Patterning for Single-sided Vertical Device Formation**

If this document is being filed together with a new application, the execution date of the application is: 12/06/2000; 12/05/2000; 12/05/2000; 12/05/2000; 12/05/2000

A. Patent Application No(s).

Docket No. **FIS9-2000-0277-US1**

Serial No.

B. Patent No(s)

Additional numbers attached? Yes X No

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

Name: **H. Daniel Schnurmann**

Street Address:

International Business Machines Corporation  
Dept. 18G / Bldg. 300-482  
2070 Route 52  
Hopewell Junction, New York 12533

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00

Enclosed

X Authorized to be charged to deposit account

8. Deposit A/C no.: **09-0458 (FI- 572)**

9. Statement of 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.

**H. Daniel Schnurmann, Reg No. 35,791**

Name of Person Signing

Telephone No. (914) 894-2481

Signature

12/06/2000

Date

Total number of pages, including cover sheet, attachments, and document 7

Express Mail No. **EL396 832 213US**

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail in an envelope addressed to: COMMISSIONER OF PATENTS AND TRADEMARKS, WASHINGTON, D.C. 20231. Applicant and/or Attorney requests the date of deposit December 6, 2000 as the filing date.

12/06/ 2000  
DATE OF DEPOSIT

**Karen Cinq-Mars**

SIGNATURE AND DATE

**PATENT**  
**REEL: 011358 FRAME: 0283**

# ASSIGNMENT

For good and valuable consideration, We

**Stephan Kudelka** residing at 463 Van Wyck Lake Road Fishkill, New York 12601, a citizen of Germany,

**Helmut Tews**, residing at 26 Millbank Road, Poughkeepsie, New York 12603, a citizen of Germany,

**Irene McStay**, residing at 71 St. Andrews Lane, Hopewell Junction, New York 12533, a citizen of United Kingdom,

**Kil-Ho Lee**, residing at 324 Town View Drive Wappingers Falls, New York 12590, a citizen of South Korea,

**Uwe Schroeder**, residing at Goethestrasse 22, 01109 Dresden-Klotsche, Germany a citizen of Germany;

Hereby sell, assign and transfer to **Infineon Technologies North America Corp**, a corporation organized and existing under the laws of the state of Delaware, having its principal place of business at **1730 North First Street, San Jose, California, 95112**, hereinafter "Assignee", its successors, assigns and legal representatives, the entire right, title and interest in and 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, and is entitled:

**NEGATIVE ION IMPLANT MASK FORMATION FOR SELF-ALIGNED, SUBLITHOGRAPHIC  
RESOLUTION PATTERNING FOR  
SINGLE-SIDED VERTICAL DEVICE FORMATION**

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 filed in the United States and all foreign countries on said improvements;

Agree 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,

Docket No. FIS9-2000-0277-US1

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 legal 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 legal 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 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.

Stephan Kudelka

Stephan Kudelka

12-6-00

Date

Trinda L. Bray 12/6/00

Witness

Helmut Tews

Helmut Tews

12-5-00

Date

Trinda L. Bray 12/5/00

Witness

Irene McStay

Irene McStay

12-5-00

Date

Trinda L. Bray 12/5/00

Witness

Kil-Ho Lee

Kil-Ho Lee

12/05/2000

Date

Linda L. Gray 12/5/00

Witness

Uwe Schroeder

Date

Witness

Docket No. FIS9-2000-0277-US1

## ASSIGNMENT

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Uwe Schroeder, residing at Goethestrasse 22, 01109 Dresden-~~Klotzsche~~, Germany a citizen of Germany;

**KLOTZSCHE**

**US 12/5100**

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**NEGATIVE ION IMPLANT MASK FORMATION FOR SELF-ALIGNED, SUBLITHOGRAPHIC  
RESOLUTION PATTERNING FOR  
SINGLE-SIDED VERTICAL DEVICE FORMATION**

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 filed in the United States and all foreign countries on said improvements;

Agree 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,

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Covenant 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.

\_\_\_\_\_  
Stephan Kudelka

\_\_\_\_\_  
Date

\_\_\_\_\_  
Witness

\_\_\_\_\_  
Helmut Tews

\_\_\_\_\_  
Date

\_\_\_\_\_  
Witness

\_\_\_\_\_  
Irene McStay

\_\_\_\_\_  
Date

\_\_\_\_\_  
Witness

Docket No. FIS9-2000-0277-US1

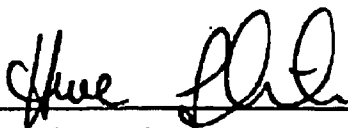
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Kil-Ho Lee

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Date

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Witness

Uwe Schroeder

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12/5/00  
Date

Witness

12/5/00

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Docket No. FIS9-2000-0277-US1