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U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark OfficePTO
10/397761
03/26/03

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof

1. Name of conveying party(ies):

Michael Belyansky, Andreas Knorr, Oleg Gluschenkov,
and Christopher Parks

3.26.03

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

3. Nature of Conveyance:

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

Execution Date:

March 12, 2003; March 24, 2003; March 12, 2003;
March 17, 2003

2. Name and address of receiving party(ies)

Name: Infineon Technologies North America Corp.

Internal Address:

Street Address:

1730 North First Street

City: San Jose

State: CA

Zip: 95112

Additional 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 new application is: March 11, 2003

A. Patent Application No.(s):

B. Patent No.(s):

Additional numbers attached?

☐ Yes ☒ No5. Name and address of party to whom correspondence
concerning document should be mailed:Name: Lawrence E. Russ
LERNER, DAVID, LITTENBERG, KRUMHOLZ &
MENTLIK, LLP

Street Address: 600 South Avenue West

City:

Westfield

State:

NJ

Zip:

07090

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☐ Authorized to be charged to credit card

(Form 2038 enclosed)

8. Deposit account number:

12-1095

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

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.*

Lawrence E. Russ

Name of Person Signing

Signature

March 26, 2003

Date

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

4

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04/07/2003 TDIAZ1 00000051 121095 10397761

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PATENT
REEL: 013917 FRAME: 0347

**RECORDATION FORM COVER SHEET
(continued)****Additional Conveying Party(ies) (1. Continued):****Additional Assignees (2. Continued):**Assignee Name: International Business Machines Corporation

Internal Address:

Street Address:

City: Armonk State: NY Zip Code: 10504

Assignee Name: _____

Internal Address:

Street Address:

City: _____ State: _____ Zip Code: _____

Assignee Name: _____

Internal Address:

Street Address:

City: _____ State: _____ Zip Code: _____

Additional Applications and/or Patents (4. Continued):Additional Patent Application Numbers
4A. Continued:Additional Patent Numbers
4B. Continued:

Additional numbers attached?

☐

Yes

☐

No

ASSIGNMENT OF UTILITY APPLICATION

Docket Number (Optional)

INTECH 1.0-043 (02 P 09129 US)

Whereas, I, Andreas Knorr of
2607 Trailside Drive, Austin, Texas 78704

hereafter referred to as assignor, have with others invented certain new and useful improvements in

TRENCH ISOLATION EMPLOYING A DOPED OXIDE TRENCH FILL

☐ for which an application for a United States Letters Patent was filed on _____
 Application Number _____

☒ for which an application for a United States Letters Patent was executed by me on March 7, 2003,
 and

Whereas, Infineon Technologies North America Corp
 a corporation of Delaware herein referred to as "assignee" whose mailing address is
1730 North First Street, San Jose, CA 95112

is desirous of acquiring the entire right, title and interest in the same;

NOW, THEREFORE, in consideration of the sum of one dollars (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said assignee my entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid utility patent application and all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, for said invention, including without limitation all applications and patents for said invention claiming priority or benefit of the aforesaid utility application pursuant to any law or treaty, and including the right to claim such priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses incident to said applications to be borne and paid by said assignee.

March 24 2003

(Date)

[Signature]
 (Signature)

On this _____ day of _____, _____ before me personally came the above-named Andreas Knorr, to me personally known as the individual who executed the foregoing instrument, who acknowledged to me that the same was executed by him/her of his/her own free will for the purposes therein set forth.

NIRMAL CHAUDHARY
 (WITNESS NAME)

[Signature]
 (WITNESS SIGNATURE)

☒ *Total of 4 forms are submitted.

PATENT ASSIGNMENT FORM

For and in consideration of good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, each undersigned inventor acknowledges his/her prior and ongoing obligation to sell, assign, and transfer, and agrees to sell, assign, and transfer the entire world wide right, title and interest for the United States and all foreign countries, in and to any and all inventions and improvements conceived during and within the scope of his/her employment, and further acknowledges that he/she has sold, assigned, and transferred, and hereby sells, assigns, and transfers, unto:

**INTERNATIONAL BUSINESS MACHINES CORPORATION ("IBM"),
Armonk, New York 10504**

a corporation of New York, and IBM desires to acquire all right, title, and interest, in and to the certain inventions (identified below), applications, and any United States and foreign patents to be obtained therefor relating to:

Title of Invention for United States Patent

TRENCH ISOLATION EMPLOYING A DOPED OXIDE TRENCH FILL

as set forth in United States Patent Application executed by each undersigned inventor on the date indicated by each inventor signature below, and further identified by **Attorney Docket Number 02 P 09129 US / INTECH 3.0-043**; (select one): ☒ executed concurrently herewith or ☐ Serial No. _____ Filed on _____

for and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States and foreign patents and all rights of priority to be obtained therefor which may issue on any such application or for said invention therein disclosed, including any and all reissues or extensions thereof, to be held and enjoyed by, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each undersigned inventor hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to IBM, its successors and assigns, in accordance herewith;

Each undersigned inventor warrants and covenants that he/she has the full and unencumbered right to sell and assign the interests hereby sold and assigned and that he/she has not executed and will not execute any document or instrument in conflict herewith;

Each undersigned inventor further covenants and agrees that he/she, upon the request and at the expense of the IBM, will execute and deliver any papers, make all rightful oaths, testify in any legal proceeding relating to said inventions and improvements, communicate to the IBM all facts known to the undersigned relating to such inventions and improvements and the history thereof; and perform all other lawful acts deemed necessary or desirable by IBM, and its legal representatives, to secure, maintain, and enforce patent protection for such inventions and improvements and for vesting title to such inventions and improvements in the IBM, and in particular to perfect title to said above-identified certain inventions, and applications including divisions and continuations thereof, and any and all Letters Patent which may be granted therefor or thereon, including reissues, extensions, or counterparts;