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To the Honorable Commissioner of Patents and Trademarks, Washington, D.C. 20231  
and original documents or copy thereof.

Name of conveying party(ies):

- 1. Alexander Benedix
- 2. Roland Barth
- 3. Stephan Grosse
- 4. Reinhard Dueregger

3-20-03

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

1. Name and address of receiving party(ies):

Name: Infineon Technologies AG  
 Internal Address: Patentabteilung  
 Street Address: Ridlerstrasse 55  
 City: Muenchen  
 State: Germany  
 ZIP: 80339

Additional name(s) & address(es) attached  Yes  No

2. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other

**Execution Date: September 10, 2001 for 1 and 3, November 14, 2001 for 2, September 11, 2001 for 4.**

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)

09/941,902

B. Patent No.(s)

Additional numbers attached  Yes  No

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

Name: Lerner and Greenberg  
 Internal Address:  
 Street Address: P.O. Box 2480  
 City: Hollywood  
 State: FL  
 ZIP: 33022

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:

(Attach duplicate copy of this page by deposit account)

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 FINANCE SECTION

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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.*

DENISE LETTAU

March 18, 2003

Name of Person Signing

Signature

Date

03/21/2003 LMIELLER 00000056 09941902

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Total number of pages including cover sheet, attachments, and document: 4

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

Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

ASSIGNMENT

WHEREAS WE, ALEXANDER BENEDIX, ROLAND BARTH, STEPHAN GROSSE and REINHARD DUEREGGER, respectively residing at München, München, München and Poing, Germany, have invented certain new and useful improvements in a

SEMICONDUCTOR CONFIGURATION WITH OPTIMIZED REFRESH CYCLE

for which an application for Letters Patent of the United States of America was executed on the date of execution of this assignment;

WHEREAS, INFINEON TECHNOLOGIES AG, a German corporation doing business at München, Germany, is desirous of acquiring the entire interest in said invention, and in any and all Letters Patent of the United States that may be obtained therefor;

NOW, THEREFORE, be it known that for and in consideration of our employment by the said corporation and other valuable consideration, the receipt and sufficiency whereof are hereby acknowledged, we have sold, assigned and transferred, and by these presents do sell, assign and transfer unto the said corporation, its legal representatives, successors and assigns, the full and exclusive right to the said invention as fully set forth and described in the above-mentioned application, and to said application and any and all divisions and continuations thereof, and any and all Letters Patent of the United States which may be granted therefor, and any and all reissues of said Letters Patent, the same to be held and enjoyed by the said corporation, its legal representatives, successors and assigns, to the full end of the term for which said Letters Patent may be granted or may be reissued or extended, as fully and entirely as the same would have been held by us had this assignment and sale not been made.

AND WE hereby authorize the Commissioner of Patents to issue any and all Letters Patent of the United States on said invention or resulting from said Application and from any and all divisions and continuations thereof to the said corporation as the assignee of the entire right, title and interest in and to the same.

IN TESTIMONY WHEREOF, we have hereunto set our hands and seals.

In the presence of:

S. Grosse

Alexander Benedix (LS)  
ALEXANDER BENEDIX

Date: 10.9.2011

\_\_\_\_\_

\_\_\_\_\_ (LS)  
ROLAND BARTH

Date: \_\_\_\_\_

ASSIGNMENT

WHEREAS WE, ALEXANDER BENEDIX, ROLAND BARTH, STEPHAN GROSSE and REINHARD DUEREGGER, respectively residing at München, München, München and Poing, Germany, have invented certain new and useful improvements in a

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for which an application for Letters Patent of the United States of America was executed on the date of execution of this assignment;

WHEREAS, INFINEON TECHNOLOGIES AG, a German corporation doing business at München, Germany, is desirous of acquiring the entire interest in said invention, and in any and all Letters Patent of the United States that may be obtained therefor;

NOW, THEREFORE, be it known that for and in consideration of our employment by the said corporation and other valuable consideration, the receipt and sufficiency whereof are hereby acknowledged, we have sold, assigned and transferred, and by these presents do sell, assign and transfer unto the said corporation, its legal representatives, successors and assigns, the full and exclusive right to the said invention as fully set forth and described in the above-mentioned application, and to said application and any and all divisions and continuations thereof, and any and all Letters Patent of the United States which may be granted therefor, and any and all reissues of said Letters Patent, the same to be held and enjoyed by the said corporation, its legal representatives, successors and assigns, to the full end of the term for which said Letters Patent may be granted or may be reissued or extended, as fully and entirely as the same would have been held by us had this assignment and sale not been made.

AND WE hereby authorize the Commissioner of Patents to issue any and all Letters Patent of the United States on said invention or resulting from said Application and from any and all divisions and continuations thereof to the said corporation as the assignee of the entire right, title and interest in and to the same.


IN TESTIMONY WHEREOF, we have hereunto set our hands and seals.

In the presence of:

\_\_\_\_\_

\_\_\_\_\_(LS)  
ALEXANDER BENEDIX

Date: \_\_\_\_\_

  
Jihye Shin

  
\_\_\_\_\_(LS)  
ROLAND BARTH

Date: 11/14/01

A. Z. M. H. T.

S. Grosse (LS)  
STEPHAN GROSSE

Date: 10. 9. 01

S. Grosse

Reinhard Dueregger (LS)  
REINHARD DUEREGGER

Date: 11. SEP 2001