

12-20-2002



102316809

To the Honorable Commissioner of

Attached original documents or copy thereof.

Name of conveying party(ies):

- 1. Robert Esterl
- 2. Helmut Kandolf
- 3. Heinz Hönigschmid
- 4. Thomas Röhr

12-16-02

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) of conveying party(ies) attached) Yes No

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

2. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other

Execution Date: May 22, 2001 for 1, March 27, 2001 for 2, March 31, 2001 for 3, April 10, 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)

09/780,305

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)

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.

DENISE LETTAU

Name of Person Signing

Denise Lettau
Signature

December 10, 2002

Date

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

5

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

PATENT REEL: 013581 FRAME: 0181

12/20/2002 11:00 AM 0000091 09780305

40.00 DF

01 FC-6021

ASSIGNMENT

WHEREAS WE, ROBERT ESTERL, HELMUT KANDOLF, HEINZ HÖNIGSCHMID and THOMAS RÖHR, residing respectively at MÜNCHEN, Germany, MÜNCHEN, Germany, EAST FISHKILL, NEW YORK, USA and ASCHHEIM, Germany, have invented certain new and useful improvements in an

INTEGRATED SEMICONDUCTOR MEMORY HAVING MEMORY CELLS WITH A FERROELECTRIC MEMORY PROPERTY

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, 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:

Georg Braun

Julius A.

_____(LS) Date: _____
ROBERT ESTERL

Helmut Kandolf
_____(LS) Date: 27. March 2001
HELMUT KANDOLF

_____(LS) Date: _____
HEINZ HÖNIGSCHMID

_____(LS) Date: _____
THOMAS RÖHR

ASSIGNMENT

WHEREAS WE, ROBERT ESTERL, HELMUT KANDOLF, HEINZ HÖNIGSCHMID and THOMAS RÖHR, residing respectively at MÜNCHEN, Germany, MÜNCHEN, Germany, EAST FISHKILL, NEW YORK, USA and ASCHHEIM, Germany, have invented certain new and useful improvements in an

INTEGRATED SEMICONDUCTOR MEMORY HAVING MEMORY CELLS WITH A FERROELECTRIC MEMORY PROPERTY

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, 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:

ROBERT ESTERL (LS) Date: _____

HELMUT KANDOLF (LS) Date: _____

Dietmar Gork
Stefan Lammers × *Heinz Hönig*
HEINZ HÖNIGSCHMID (LS) Date: *March 31st, 2001*

THOMAS RÖHR (LS) Date: _____

ASSIGNMENT

WHEREAS WE, ROBERT ESTERL, HELMUT KANDOLF, HEINZ HÖNIGSCHMID and THOMAS RÖHR, residing respectively at MÜNCHEN, Germany, MÜNCHEN, Germany, EAST FISHKILL, NEW YORK, USA and ASCHHEIM, Germany, have invented certain new and useful improvements in an

INTEGRATED SEMICONDUCTOR MEMORY HAVING MEMORY CELLS WITH A FERROELECTRIC MEMORY PROPERTY

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, 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:

ROBERT ESTERL (LS) Date: _____

HELMUT KANDOLF (LS) Date: _____

HEINZ HÖNIGSCHMID (LS) Date: _____

chun j

× *Thomas Röh* (LS) Date: 2001-04-10 ^{APRIL}