

08-31-2001

COVER SHEET

U.S. DEPARTMENT OF COMMERCE

(Rev. 6-93)

OMB No. 0651-0011 (exp. 4/94)

Tab settings ==&gt;&gt;&gt;



Y

8.27.01

Patent and Trademark Office

To the Honorable Commissic

101831121

the attached original documents or copy thereof.

## 1. Name of conveying party (ies):

1) FRANK PFIRSCH

2) CARSTEN SCHÄFFER

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

## 2. Name and address of receiving party (ies)

Name: Siemens AktiengesellschaftInternal Address: ZT GG VM

/R 27

Street Address: Postfach 22 16 34City: München State: Germany ZIP: 80506

## 3. Nature of conveyance:

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

Execution Date 07/09/2001 for 1 and 07/12/2001 for 2.

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 application is:

A. Patent Application No.(s)

09/883,808

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 2480City: HollywoodState: FLZIP: 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

Signature

AUGUST 23, 2001.

Date

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

2

06/30/2001 DBYRME 00000098 09883808

01 FC:581

40.00 00

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

**PATENT**  
**REEL: 012112 FRAME: 0810**

## ASSIGNMENT

WHEREAS WE, FRANK PFIRSCH and CARSTEN SCHÄFFER, residing respectively at MÜNCHEN, Germany and TREFFEN B. VILLACH, Austria, have invented certain new and useful improvements in a

FIELD-EFFECT TRANSISTOR CONFIGURATION WITH A TRENCH-SHAPED GATE ELECTRODE AND AN ADDITIONAL HIGHLY DOPED LAYER IN THE BODY REGION

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

WHEREAS, SIEMENS AKTIENGESELLSCHAFT, 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:

Franz Rühl

Michael Tösch

Frank Pirsch (LS)  
FRANK PFIRSCH

Carsten Schäffer (LS)  
CARSTEN SCHÄFFER

Date: 9.7.2001

Date: 12.07.2001