

FORM PTO-1596  
(Rev.10-02)  
OMB No. 0651-0027 (exp. 6/30/2005)

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1. Name of conveying party(ies):

Wolfgang Clemens  
Walter Fix  
Jorg Zapf

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 4, 2004

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

Name: Siemens Aktiengesellschaft

Internal Address:

Street Address: Ridlerstr. 55

City: Munich

State: Germany

Zip: 80339

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)

10/492,923

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: William Squire

Internal Address: Carella, Byrne, Bain, Gilfillan, Cecchi,  
Stewart & Olstein

Street Address: 5 Becker Farm Road

City: Roseland State: New Jersey Zip: 07068

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: 03-0678

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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.*

William Squire  
Name of Person Signing

  
Signature

April 25, 2005  
Date

Total number of pages including cover sheet, attachments, and document: 6

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PATENT  
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Approved for use through 07/31/2006. OMB 0851-0031  
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Section of Information unless it displays a valid OMB control number.

FR 3.73(b)

Applicant/Patent Owner: Siemens AktiengesellschaftFiled/Issue Date: HerewithApplication No./ Patent No.: Not assignedEntitled: ELECTRONIC UNIT, CIRCUIT DESIGN FOR THE SAME, AND PRODUCTION METHODSiemens Aktiengesellschaft a German corporation  
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or  
 2. ☐ an assignee of less than the entire right, title and interest.  
 The extent (by percentage) of its ownership interest is \_\_\_\_\_ %  
 in the patent application/patent identified above by virtue of either:

- A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From \_\_\_\_\_ To: \_\_\_\_\_  
 The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From \_\_\_\_\_ To: \_\_\_\_\_  
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3. From \_\_\_\_\_ To: \_\_\_\_\_  
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- ☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☒ Copies of assignments or other documents in the chain of title are attached.  
 [NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

April 5th, 2004

Date

Telephone number

Siemens Aktiengesellschaft  
Katharina Klinger Manfred Zander

Type or printed name

Signature

Both Authorized Officers

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

#214999

**ASSIGNMENT**

For good and valuable consideration, I/we, the undersigned

**Dr. Wolfgang Clemens**  
residing at:  
**Kornstr. 5**  
**90617 Puschendorf**  
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**Dr. Walter Fix**  
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**Dalandstr. 1**  
**81927 München**  
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residing at:

residing at:

residing at:

residing at:

residing at:

hereby sell, assign, and transfer to  
**Siemens Aktiengesellschaft**

a German corporation organized and existing under the laws of the Federal Republic of Germany, having its principal place of business in München , GERMANY herein the "Assignee", its successors, assigns and legal representatives the entire and exclusive right, title and interest in and for the United States, in all and to any improvements in the

(Title:) **Electronic unit, circuit design for the same, and production method**

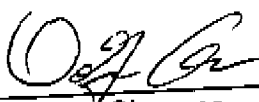
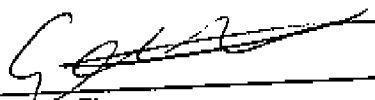
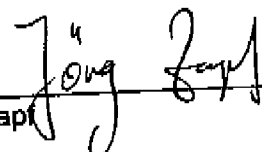
disclosed in the PCT international application for Letters Patent designating the United States, said application being identified in our records as

Applicants File No. **2001P20024WOUS**  
and filed as PCT-application **PCT/DE02/03296**

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 on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States on said improvements;

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hereby 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, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this agreement, 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 hereby 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 had been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date: 20 04 / 17 04 / 14
  
 Wolfgang Clemens
Witnesses: Adolf Brands Adolf Br  
(type name)Witnesses: Alexander Knoblach Alexander  
(type name)Date: 12 / MAR / 04
  
 Dr. Walter Fix
Witnesses: [Signature]  
(type name)Witnesses: Alexander Knoblach Alexander  
(type name)Date: 4. 3. 04
  
 Jörg Zapf
Witnesses: [Signature]  
(type name) M. KasperWitnesses: [Signature]  
(type name) K. Weidner