



101857984

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

1. Name of conveying party (ies):

- 1) THOMAS BÖHM
- 2) GEORG BRAUN
- 3) HEINZ HÖNIGSCHMID
- 4) ZOLTAN MANYOKI
- 5) ERNST NEUHOLD
- 6) THOMAS RÖHR

09/24/01

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

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

Name: Siemens Aktiengesellschaft
 Internal Address: ZT GG VM
 Street Address: Postfach 22 16 34
 City: München
 State: Germany
 ZIP: 80506

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other

Execution Date: 05/02/2001 for 1; 05/14/2001 for 2; 04/16/2001 for 3; 04/17/2001 for 4; 04/12/2001 for 5 and 08/16/2001 for 6.

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)

09/822,028

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 LETTAL

Name of Person Signing

Denise Lettall
Signature

September 20, 2001.

Date

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

7

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

PATENT
REEL: 012191 FRAME: 0253

ASSIGNMENT

WHEREAS WE, THOMAS BÖHM, GEORG BRAUN, HEINZ HÖNIGSCHMID, ZOLTAN MANYOKI, ERNST NEUHOLD and THOMAS RÖHR, residing respectively at ZORNEDING, Germany, MÜNCHEN, Germany, EAST FISHKILL, NEW YORK, USA, KANATA, ONTARIO, Canada, GRAZ, Austria and ASCHHEIM, Germany, have Invented certain new and useful improvements in a

DECODER ELEMENT FOR GENERATING AN OUTPUT SIGNAL HAVING THREE DIFFERENT POTENTIALS AND AN OPERATING METHOD FOR THE DECODER ELEMENT

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:

Shelly Jay Willett, Jr.

Thomas Böhm (LS)
THOMAS BÖHM

Date: 02 May 2007

_____ (LS)
GEORG BRAUN

Date: _____

_____ (LS)
HEINZ HÖNIGSCHMID

Date: _____

ASSIGNMENT

WHEREAS WE, THOMAS BÖHM, GEORG BRAUN, HEINZ HÖNIGSCHMID, ZOLTAN MANYOKI, ERNST NEUHOLD and THOMAS RÖHR, residing respectively at ZORNEDING, Germany, MÜNCHEN, Germany, EAST FISHKILL, NEW YORK, USA, KANATA, ONTARIO, Canada, GRAZ, Austria and ASCHHEIM, Germany, have Invented certain new and useful improvements in a

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

In the presence of:

Wolfgang K...

_____(LS)
THOMAS BÖHM

Date: _____

Georg Braun (LS)
GEORG BRAUN

Date: May 14 2001

_____(LS)
HEINZ HÖNIGSCHMID

Date: _____

ASSIGNMENT

WHEREAS WE, THOMAS BÖHM, GEORG BRAUN, HEINZ HÖNIGSCHMID, ZOLTAN MANYOKI, ERNST NEUHOLD and THOMAS RÖHR, residing respectively at ZORNEDING, Germany, MÜNCHEN, Germany, EAST FISHKILL, NEW YORK, USA, KANATA, ONTARIO, Canada, GRAZ, Austria and ASCHHEIM, Germany, have Invented certain new and useful improvements in a

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In the presence of:

_____ (LS) Date: _____
THOMAS BÖHM

_____ (LS) Date: _____
GEORG BRAUN

Dietmar Gatz
Heinz Hönig Schmid
_____ (LS) Date: *April 14, 2001*
HEINZ HÖNIGSCHMID

Beatrice Junky

Zoltan Manyoki (LS)
ZOLTAN MANYOKI

Date: Apr. 17, 2001

_____ (LS)
ERNST NEUHOLD

Date: _____

_____ (LS)
THOMAS RÖHR

Date: _____

Ernst Neuhold

ZOLTAN MANYOKI (LS)

Ernst Neuhold

ERNST NEUHOLD (LS)

THOMAS RÖHR (LS)

Date: _____

Date: 12. April 1961

Date: _____

_____(LS)
ZOLTAN MANYOKI

Date: _____

_____(LS)
ERNST NEUHOLD

Date: _____

[Handwritten signature]

[Handwritten signature] (LS)
THOMAS RÖHR

Date: *2001 August 14*