

07-14-2005

7/12/05



103040347

To the Director of the U.S. Patent and

uments or the new address(es) below.

1. Name of conveying party(ies)
 1. Thomas Ruban 2. Alfons Puhl
 3. Jochen Grimminger 4. Martin Bokaemper

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

2. Name and address of receiving party(ies)
 Name: Siemens Aktiengesellschaft
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Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance/Execution Date(s):
 Execution Date(s) 10/22/99 for 1,2,4 - 10/27/99 for 3

Assignment Merger
 Security Agreement Change of Name
 Joint Research Agreement
 Government Interest Assignment
 Executive Order 9424, Confirmatory License
 Other Statement Regarding Chain of Title

JUL 12 AM 11:23
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4. Application or patent number(s): This document is being filed together with a new application.

A. Patent Application No.(s)
09/343,859

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:
 Name: Lerner and Greenberg
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6. Total number of applications and patents involved: one (1)


7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00

Authorized to be charged by credit card
 Authorized to be charged to deposit account
 Enclosed
 None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers 11005
 Expiration Date 12/31/2006

b. Deposit Account Number _____
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9. Signature:  July 8, 2005
 Signature Date
Laurence A. Greenberg (29,308)
 Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 3

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

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ASSIGNMENT

WHEREAS WE, THOMAS RUBAN, ALFONS PUHL, JOCHEN GRIMMINGER and MARTIN BOKAEMPER, residing respectively at OTTOBRUNN, MÜNCHEN, MÜNCHEN and POXDORF, Germany, have invented certain new and useful improvements in a(n)

METHOD AND APPARATUS FOR ROUTING IN A COMMUNICATION OR DATA NETWORK, OR A NETWORK OF COMMUNICATION AND DATA NETWORKS

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.

[Signature]
Witness

[Signature] (LS)
THOMAS RUBAN

Date: 22.10.99

[Signature]
Witness

[Signature] (LS)
ALFONS PUHL

Date: 22.10.99

[Signature]
Witness

[Signature] (LS)
JOCHEN GRIMMINGER

Date: 22.10.99

[Signature]
Witness

[Signature] (LS)
MARTIN BOKAEMPER

Date: 22.10.99