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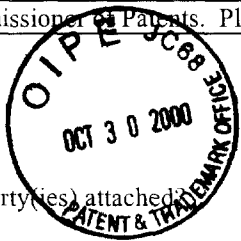
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HEET

To the Assistant Commissioner of Patents. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Thomas GARRECHT
Axel LORITZ
Anton WEISS
Additional name(s) of conveying party(ies) attached?
 yes no



2. Name and address of receiving party(ies)?
SIEMENS AKTIENGESELLSCHAFT
Wittelsbacherplatz 2
80333 Munich
GERMANY

3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Names
 Other

Additional name(s) & address(es) attached?
 yes no
MRD 10/30/00

Execution Date: August 28, 2000, September 7, 2000 and September 11, 2000

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)
09/669,888
Additional numbers attached? Yes No

B. Patent No.(s)

5. Name and address of party to whom correspondence concerning document should be mailed:
SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC
2100 Pennsylvania Avenue, N.W.
Suite 800
Washington, D.C. 20037-3213

6. Total number of applications and registration involved:
1
7. Total Fee (37 CFR 3.41): \$40.00
 Enclosed. Please charge any underpayment in connection with this Assignment to Deposit Account No. 19-4880.
 Authorized to be charged to Deposit Account
8. Deposit Account No.
19-4880

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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.
George F. Lehnig
George F. Lehnig Reg. No. 36,359 October 30, 2000 Date

TOTAL NUMBER OF PAGES COMPRISING COVER SHEET, ATTACHMENTS AND DOCUMENT: 2

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

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

11/23/2000 10:00 AM 09/669888

40.00 DP

Assignment

Whereas we,

- (1) Thomas Garrecht of Horemansstrasse 26a, 80636 Munich, Germany;
- (2) Axel Loritz of Waldschmidtstrasse 8c, 82327 Tutzing, Germany; and
- (3) Anton Weiss of Am Hirtenanger 16, 90518 Altdorf, Germany,

hereinafter called assignors, have invented certain improvements in

MANAGEMENT OF QUERY RESULT COMPLEXITY IN HIERARCHICAL QUERY RESULT DATA STRUCTURE USING BALANCED SPACE CUBES

and executed an application for Letters Patent of the United States of America therefor; and

Whereas, SIEMENS AKTIENGESELLSCHAFT, of Wittelsbacherplatz 2, 80333 Munich, Germany, hereafter called assignee, desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

We, the above named assignors, hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

We hereby authorize and request our attorneys SUGHRUE, MION, ZINN, MACPEAK & SEAS of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3212 to insert here in parentheses (**Application number** 09/669.888 , **filed** September 27, 2000) the filing date and application number of said application when known.

Date: 28.08.2000 Thomas Garrecht
 s/Thomas Garrecht

Date: 07.09.2000 Axel Loritz
 s/Axel Loritz

Date: 11.09.2000 Anton Weiss
 s/Anton Weiss

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)