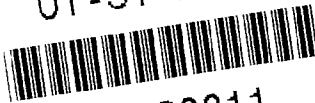


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Mail Stop Assignment Recordation Services

To the Director of the U.S. Patent and T  
Please record the attached original doc.

1. Name of conveying party(ies):  
Joerg Beringer  
Michael Hatscher  
Horst Werner

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

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

Internal Address:

3. Nature of conveyance:

Street Address: Neurttstrasse 16

Assignment  Merger

City: Walldorf

Security Agreement  Change of Name

Country: Germany Post Code: D-69190

Other:

Additional name(s) & Address(es) attached?

Execution Dates: November 12, and 15, 2004

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:

A. Patent Application Number(s):  
U.S. Application No. 10/927,316

B. Patent Number(s):

Additional numbers attached?  Yes  No

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

Name: Anthony J. Lombardi

6. Total number of applications and registrations involved: 1

7. Total fee (37 CFR 3.41): \$40

Enclosed (Please charge deficiency to deposit account)

Authorized to be charged to deposit account

Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.

Street Address: 901 New York Avenue, N.W.

City: Washington, D.C.

State: Zip: 20001-4413

8. Deposit Account No.: 06-0916

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.

Anthony J. Lombardi  
Reg. No. 53,232

Signature

January 24, 2005

Date

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

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### ASSIGNMENT

WHEREAS IWE, the below named inventors [hereinafter referred to as Assignor], have made an invention entitled:

#### METHODS AND SYSTEMS FOR PROVIDING A VISUALIZATION GRAPH

for which IWE filed an application for United States Letters Patent on August 27, 2004 (U.S. Application No. 10/927,316); and

WHEREAS, SAP AKTIENGESELLSCHAFT, a corporation of Germany whose post office address is Neurottstrasse 16, D-69190, Walldorf, Germany [hereinafter referred to as Assignee], is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) in hand paid and other good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I/We, as Assignor, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention, and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of this application, and all applications for Letters Patent which may be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and I/We hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY covenant that I/We have the full right to convey the interest assigned by this Assignment, and I/We have not executed and will not execute any agreement in conflict with this Assignment;

AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

IN TESTIMONY WHEREOF, I/WE have hereunto set our hands.

Name: Joerg Beringer  
Address: Wildenbruchstrasse 49  
60431 Frankfurt  
Germany

Signature: 

Date: 12. Nov 09

WITNESSED BY,

Printed Name: HORST WERNER

Signature: 

Date: 12. Nov 09

Name: Michael Hatscher  
Address: Herminenstrasse 9  
49080 Osnabruck  
Germany

Signature: *Michael Hatscher*

Date: 15.11.04

Name: Horst Werner  
Address: Lindenweg 18  
69242 Rettigheim  
Germany

Signature: *H. Werner*

Date: 12. Nov 04

WITNESSED BY,

Printed Name: HORST WERNER

Signature: *H. Werner*

Date: 15.11.2004

WITNESSED BY,

Printed Name: BERINGER

Signature: *[Signature]*

Date: 12. Nov 04