FORM PTO-1595 RECORDATION FORM COVER SHEET U.S. Department of Commerce 1-31-92 Patent and Trademark Office 08-04-2005 Attorney Docket No. 07781.0227-00 Attorney Customer Number: 22,852 To the Director of the U.S. Patent and Mail Stop Assignment Recordation Services Please record the attached original do 103054700 Name of conveying party(ies): Name and address of receiving party(ies): Markus Helmut KAHN Jens-Peter JENSEN Name: SAP AKTIENGESELLSCHAFT Marcus BAUMANN Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No Internal Address: Nature of conveyance: Street Address: Neurottstrasse 16 \boxtimes Assignment Merger City: Walldorf Security Change of Name Country: Post Code: Germany D-69190 Agreement Other: Additional name(s) & Address(es) attached? **Execution Dates:** July 18 and 20, 2005 ☐ Yes ☑ No Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of 4. the application: July 18 and 20, 2005. A. Patent Application Number(s): B. Patent Number(s): 08/01/2005 FFANAEIA 00000072 11191985 40.00 0PAdditional numbers attached? 06 Ft:8021 ☐ Yes ☑ No 5. Name and address of party to whom correspondence Total number of applications and registrations 6. concerning document should be mailed: involved: 1 Name: Anthony J. Lombardi 7. Total fee (37 CFR 3.41): \$40 \boxtimes Enclosed (Please charge deficiency to deposit account) Authorized to be charged to deposit account FINNEGAN, HENDERSON, FARABOW, GARRETT Internal Address: & 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 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 July 29, 2005 Reg No. 53,232

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

PATENT REEL: 016828 FRAME: 0150

Date

ASSIGNMENT

WHEREAS I/WE, the below named inventor(s) [hereinafter referred to as Assignor(s)], have made an invention entitled:

SYSTEMS AND METHODS FOR PROVIDING MIGRATION AND PERFORMANCE MATRICES

for which I/WE executed an application for United States Letters Patent on (U.S. Patent Application N	concurrently herewith or filed an application for lo); 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 good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I/We, as Assignor(s), 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 the above-noted provisional application (if any), as well as 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/us 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: Markus Helmut Kahri Address: Lutherstrasse 19 D-69120 Heidelberg, Germany	WITNESSED BY, FELDHE/BR Printed Name: H. FELDHE/BR Signature: 2. Fldne's
Signature: Mceeles Clock	Signature: 2. Fldner
Date: 20.07.2005	Date: July 10 2005

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SOLE/JOINT INVENTION (Worldwide Rights) Attorney Docket No. 07781.0227-00

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Date: July 18, 2005

WITNESSED BY

Printed Name: H. TEXTHETE

Signature:

Date: July 20, 2005

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PATENT REEL: 016828 FRAME: 0152