Substitute Form PTO-1595 Attorney Docket No.: 13911-064001 Client's Ref. No.: 2002P00091 US02

PATENTS ONLY

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Stefan Kusterer, Eckart Liemke, Gerhard Bosch,	SAP AKTIENGESELLSCHAFT			
Jµergen Heyman∩ and Bernhard Drittler	Neurottstrasse 16			
Additional name(s) attached? ☐ Yes 图 No	69190 Walldorf Germany			
3. Nature of conveyance:	Germany			
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<u>February 2, 2004</u>
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Christine Picozze
Typed Name A Helsons Igning Certificate

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ASSIGNMENT

For valuable consideration, we, Stefan Kusterer, Eckart Liemke, Gerhard Bosch, Juergen Heymann and Bernhard Drittler, hereby assign to SAP Aktienges ellschaft, a German Corporation, having a place of business at Neurottstrasse 16, D-69190 Walldorf, Germany, and its successors, and assigns (collectively, "the ASSIGNEE") our entire right, title and interest throughout the world in the inventions and improvements that are the subject of a patent document entitled

Entry Points for Navigation of Hierarchical Information Structures

and which is found in			
1			
	U.S. patent application filed on	12/26/2002	

[x] under Application No.

We authorize and request the attorneys of record or the attorney filing the application to insert into this assignment the filing date and serial number of the application when known.

10/331,121

This assignment includes the foregoing patent application or patent, all legal equivalents in any country, and all patents issuing from such legal equivalents; all patents, utility models, and design registrations granted by any jurisdiction for any of said inventions and improvements; and the right to claim priority based on the filing date of the foregoing patent application or patent under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes. We authorize the Assignee to apply in all countries in our names or in its own name for patents, utility models, and design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements.

We hereby state and agree that no assignment, sale, agreement, or encumbrance has been or will be made or entered into that would conflict with this assignment.

We further agree for ourselves and our respective heirs, legal representatives, and assigns to provide to the Assignee promptly upon its request and at its expense all pertinent facts and documents relating to any of said inventions and improvements or said patents and legal equivalents as may be known and accessible to us and to testify as to the same in any interference, litigation, or proceeding relating thereto; and we agree promptly to perform such lawful acts and to sign such further applications, assignments, statements, and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Inventor's Signature Dir McLau Kusteren	70 27 -00
Witnessed by:	Date Stage 27 - OG
Print Name	
Inventor's Signature Eckart Liemke	Jan 21 - 04
Witnessed by:	Date

Print Name

Signature

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; Inventor's Signatu	re Ciclend Bosch	T. 21
Witnessed by:	Signature	<u>Jan. 21, 2004</u> Date
1	Print Name	
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nventor's Signatur	reBe nhard Drittler	
Witnessed by:	Signature	Date
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Inventor's Signa	Gert and Bosch	
Witnessed by:	Signature	Date
	Print Name	
 Inventor's Sign≉ i	Juergen Heymann	
Witnessed by:	Signature	Date
;	Print Name	
nventor's Sigha	Beninard Drittler	29th Jan 2004
Witnessed by:	Signature UTTA MARQUETANT	Date
	Print Name	

RECORDED: 02/02/2004

PATENT REEL: 014298 <u>FRAME: 02</u>45≥