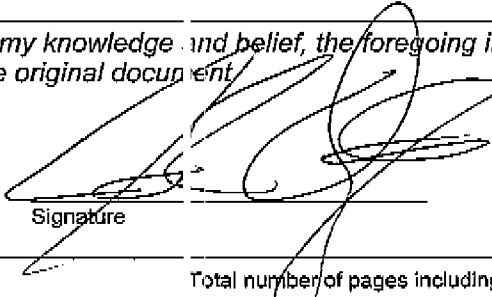


Substitute Form PTO-1595
Attorney Docket No.: 13911-042001
Client's Ref. No.: 2002P10157 US

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5. Name/address of party to whom correspondence concerning document should be mailed: JOHN A. DRAGSETH Fish & Richardson P.C., P.A. 60 South Sixth Street Suite 3300 Minneapolis, MN 55402		6. Total number of applications/patents involved: 1 7. Total fee (37 CFR §3.41): \$40 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to charge Deposit Account. 8. Deposit Account No.: 06-1050 Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.	
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ASSIGNMENT

For valuable consideration, we, Stefan Mueller, Christoph Thommes, Marcus Schwarz, Stephan Klevanz and , hereby assign to SAP Aktiengesellschaft, 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

Semantic Objects

and which is found in

U.S. patent application filed on 7/3 /2003
[x] under Application No. 10/632,140
[] with Express Mail No. _____ (Application Number not yet known).

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.

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 [Signature]
Stefan Mueller

Witnessed by: [Signature]
Signature
Christoph Thommes
Print Name

10/29/03
Date

Inventor's Signature [Signature]
Christoph Thommes

Witnessed by: [Signature]
Signature
Stefan Mueller
Print Name

10/29/03
Date

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SAP Ref. No.: 2002P10167 US
Page 2 of 2

Inventor's Signature *Marcus Schwarz*
Marcus Schwarz

Witnessed by: *S. K.*
Signature
Stephen Klevenz
Print Name

10/29/03
Date

Inventor's Signature *S. Müller*
Stephen Klevenz

Witnessed by: *[Signature]*
Signature
Stefan Müller
Print Name

10/29/03
Date

Inventor's Signature _____

Witnessed by: _____
Signature

Print Name

Date

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