

Form PTO-1595 (Rev. 09/04)
OMB No. 0651-0027 (exp. 6/30/2005)

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):

Paul Weinberg
Rich Endo
Wenphing Lo
David Poyourow

Execution Date(s) 8/10/2005, 8/29/2005 10/17/2005, 9/12/05
Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other _____

2. Name and address of receiving party(ies)

Name: SAP, Aktiengesellschaft

Internal Address: _____

Street Address: Neurottstrasse 16 D-69190

City: Walldorf

State: _____

Country: Germany Zip: _____

Additional name(s) & address(es) attached? Yes No

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)
11/193,013

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Joseph J. Mayo

Internal Address: _____

Street Address: 7910 Ivanhoe Ave #325

City: La Jolla

State: CA Zip: 92037

Phone Number: 858-442-5877

Fax Number: 858-777-5425

Email Address: _____

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

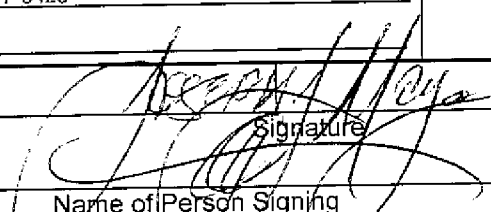
- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers 1011
Expiration Date 04/06

b. Deposit Account Number 502689

Authorized User Name Joseph J. Mayo

9. Signature:

11/01/2005 Date

Joseph J. Mayo

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 5

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

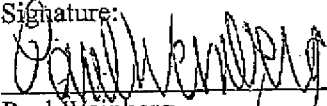

OP \$40.00 11193013

ASSIGNMENT OF RIGHTS

WHEREAS, Paul Weinberg a citizen of the United States of America, ("Assignor"), has conceived certain inventions entitled Method for Extensible Group and Soft-Grouping of Screen Elements (U.S. Serial No.11/192,990); Method for Reallocating Table Formats in Real Time (U.S. Serial No.11/027,577); Multi-Layered Data Model for Generating Audience Specific Documents (U.S. Serial No.11/142,809); Method for Generating Documents Using Layer Specific Inheritance Rules (U.S. Serial No.11/141,997); Interface for Indicating the Presence of Inherited Values (U.S. Serial No.11/141,984); Method of Testing Layered Data for the Existence of At Least One Value (U.S. Serial No.11/142,005); Method for Utilizing Language-Specific Metadata (U.S. Serial No. 11/141,985); Method for Performing Expression-Based Validation (U.S. Serial No.11/193,013); Method for Generating Properly Formed Expressions (U.S. Serial No.11/193,641); Method for Conditionally Branching a Validation (U.S. Serial No.11/193,014); Method for Improved Processing of Expression-Based Data (U.S. Serial No.11/193,306) ("Inventions"); and whereas, SAP, Aktiengesellschaft an entity existing under the laws of Germany and having a place of business at Neurottstrasee 16 D-69190 Walldorf, Germany ("Assignee") is desirous of acquiring or has acquired the entire right, title and interest in and to the Inventions and all rights relating thereto;

NOW, THEREFORE, for consideration the adequacy and receipt of which is hereby acknowledged, and other good and valuable consideration, Assignor hereby irrevocably sells, transfers, and assigns the full and exclusive right, title and interest in and to the Inventions including any and all rights to continuing, continuations-in-part, divisional, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on said Inventions; and all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said Inventions; and in and to all rights of priority resulting from the filing of said Applications. Assignor hereby authorizes and request the Director of the U.S. Patent and Trademark Office and all foreign Patent Offices to issue Patents for the subject matter assigned herein to said Assignee, of the entire right, title, and interest in and to the same, for Assignee sole use and behoof; and for the use and behoof of Assignee legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made. Assignor hereby covenants with Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights to the Inventions herein conveyed has been made to other by the undersigned, and that the full right to convey as herein expressed is possessed by the undersigned.

IN WITNESS WHEREOF, and intending to be legally bound, the parties hereto cause this Agreement to be executed.

Inventor Signature	Witness Signature	Date
Signature:  Paul Weinberg	 Name:	8/10/05

Aug-29-2005 12:08 PM

SAP Labs Los Angeles

3102862221


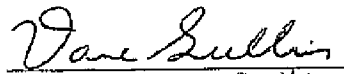
4/12

ASSIGNMENT OF RIGHTS

Whereas, Rich Endo a citizen of the United States of America, ("Assignor"), has conceived certain inventions entitled Method for Generating Documents Using Layerspecific Inheritance Rules (U.S. Serial No.11/141,997); Interface for Indicating the Presence of Inherited Values (U.S. Serial No.11/141,984); Method for Performing Expression-Based Validation (U.S. Serial No.11/193,013); Method for Generating Properly Formed Expressions (U.S. Serial No.11/193,641); Method for Conditionally Branching a Validation (U.S. Serial No.11/193,014); Method for Improved Processing of Expression-Based Data (U.S. Serial No.11/193,306) ("Inventions"); and whereas, SAP, Aktiengesellschaft an entity existing under the laws of Germany and having a place of business at Neurottstrasse 16 D-69190 Walldorf, Germany ("Assignee") is desirous of acquiring or has acquired the entire right, title and interest in and to the Inventions and all rights relating thereto;

Now, therefore, for consideration the adequacy and receipt of which is hereby acknowledged, and other good and valuable consideration, Assignor hereby irrevocably sells, transfers, and assigns the full and exclusive right, title and interest in and to the Inventions including any and all rights to continuing, continuations-in-part, divisional, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on said Inventions; and all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said Inventions; and in and to all rights of priority resulting from the filing of said Applications. Assignor hereby authorizes and requests the Director of the U.S. Patent and Trademark Office and all foreign Patent Offices to issue Patents for the subject matter assigned herein to said Assignee, of the entire right, title, and interest in and to the same, for Assignee sole use and behoof; and for the use and behoof of Assignee legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made. Assignor hereby covenants with Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights to the Inventions herein conveyed has been made to other by the undersigned, and that the full right to convey as herein expressed is possessed by the undersigned.

IN WITNESS WHEREOF, and intending to be legally bound, the parties hereto cause this Agreement to be executed.

Inventor Signature	Witness Signature	Date
Signature:  Rich Endo	 Name: Dave Sullivan	8-29-2005

Oct-17-2005 02:06 PM

SAP Labs Los Angele

3102862221

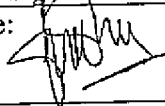
1/3

ASSIGNMENT OF RIGHTS

Whereas, Wenphing Lo a citizen of USA, ("Assignor"), has conceived certain inventions entitled Method for Performing Expression-Based Validation (U.S. Serial No.11/193,013); Method for Generating Properly Formed Expressions (U.S. Serial No.11/193,641); Method for Conditionally Branching a single Validation (U.S. Serial No.11/193,014); Method for Enforcing Group Oriented Workflow Requirements Against a Set of Data (U.S. Serial No.11/217,072); ("Inventions"); and whereas, SAP, Aktiengesellschaft an entity existing under the laws of Germany and having a place of business at Neurottstrasee 16 D-69190 Walldorf, Germany ("Assignee") is desirous of acquiring or has acquired the entire right, title and interest in and to the Inventions and all rights relating thereto;

Now, therefore, for consideration the adequacy and receipt of which is hereby acknowledged, and other good and valuable consideration, Assignor hereby irrevocably sells, transfers, and assigns the full and exclusive right, title and interest in and to the Inventions including any and all rights to continuing, continuations-in-part, divisional, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on said Inventions; and all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said Inventions; and in and to all rights of priority resulting from the filing of said Applications. Assignor hereby authorizes and requests the Director of the U.S. Patent and Trademark Office and all foreign Patent Offices to issue Patents for the subject matter assigned herein to said Assignee, of the entire right, title, and interest in and to the same, for Assignee sole use and behoof; and for the use and behoof of Assignee legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made. Assignor hereby covenants with Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights to the Inventions herein conveyed has been made to other by the undersigned, and that the full right to convey as herein expressed is possessed by the undersigned.

IN WITNESS WHEREOF, and intending to be legally bound, the parties hereto cause this Agreement to be executed.


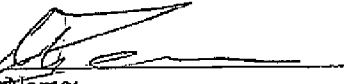
Inventor Signature	Witness Signature	Date
Signature:  Wenphing Lo	Name: _____	10/17/05

ASSIGNMENT OF RIGHTS

Whereas, David Poyourow a citizen of the United States of America, ("Assignor"), has conceived certain inventions entitled Method for Performing Expression-Based Validation (U.S. Serial No.11/193,013); Method for Improved Processing of Expression-Based Data (U.S. Serial No.11/193,306) ("Inventions"); and whereas, SAP, Aktiengesellschaft an entity existing under the laws of Germany and having a place of business at Neurottstrasee 16 D-69190 Walldorf, Germany ("Assignee") is desirous of acquiring or has acquired the entire right, title and interest in and to the Inventions and all rights relating thereto;

Now, therefore, for consideration the adequacy and receipt of which is hereby acknowledged, and other good and valuable consideration, Assignor hereby irrevocably sells, transfers, and assigns the full and exclusive right, title and interest in and to the Inventions including any and all rights to continuing, continuations-in-part, divisional, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on said Inventions; and all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said Inventions; and in and to all rights of priority resulting from the filing of said Applications. Assignor hereby authorizes and requests the Director of the U.S. Patent and Trademark Office and all foreign Patent Offices to issue Patents for the subject matter assigned herein to said Assignee, of the entire right, title, and interest in and to the same, for Assignee sole use and behoof; and for the use and behoof of Assignee legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made. Assignor hereby covenants with Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights to the Inventions herein conveyed has been made to other by the undersigned, and that the full right to convey as herein expressed is possessed by the undersigned.

IN WITNESS WHEREOF, and intending to be legally bound, the parties hereto cause this Agreement to be executed.

Inventor Signature	Witness Signature	Date
Signature:  David Poyourow	 Name:	12 Sept 05

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

App. No. : 11/193,013
Applicant : WEINBERG, et. al
Filed : 7/29/2005
Our Docket No. : 1333-P0020
Customer No. : 36067

For: METHOD FOR PERFORMING EXPRESSION-BASED VALIDATION

ASSIGNMENT

Automated Patent and Trademark Assignment System
FAX: 571-273-0140

Dear Sir:

Please record the attached Assignment document. Please use the attached credit card payment form for the required fees and reference with attorney number 1333-P0020.

Respectfully submitted,

Date: 11/01/2005

By: [Signature]
Joseph J. Mayo 53,288

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office, FAX number 571-273-0140 on 11/01/2005

Assignment Letter (1 page) (this page)
Assignment Coversheet (1 page)
Assignment Documents (4 pages)
Credit Card Payment Form (1 page)
Signature: [Signature]
Joseph J. Mayo
Date: 11/01/2005