

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>SEBASTIAN SCHROETEL</td> <td>12/21/2011</td> </tr> <tr> <td>ULRICH BESTFLEISCH</td> <td>12/21/2011</td> </tr> <tr> <td>GERRIT SIMON KAZMAIER</td> <td>12/21/2011</td> </tr> <tr> <td>NADINE SACHS</td> <td>12/21/2011</td> </tr> </tbody> </table>		Name	Execution Date	SEBASTIAN SCHROETEL	12/21/2011	ULRICH BESTFLEISCH	12/21/2011	GERRIT SIMON KAZMAIER	12/21/2011	NADINE SACHS	12/21/2011
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<table border="1"> <tr> <td>Name:</td> <td>SAP AG</td> </tr> <tr> <td>Street Address:</td> <td>DIETMAR-HOPP-ALLEE 16</td> </tr> <tr> <td>City:</td> <td>WALLDORF</td> </tr> <tr> <td>State/Country:</td> <td>GERMANY</td> </tr> <tr> <td>Postal Code:</td> <td>D-69190</td> </tr> </table>		Name:	SAP AG	Street Address:	DIETMAR-HOPP-ALLEE 16	City:	WALLDORF	State/Country:	GERMANY	Postal Code:	D-69190
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CORRESPONDENCE DATA											
<p>Fax Number: (650)494-5620</p> <p>Phone: 6508493919</p> <p>Email: anuradha.b@sap.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: April Meng</p> <p>Address Line 1: 3410 Hillview Avenue</p> <p>Address Line 2: SAP Global Intellectual Property</p> <p>Address Line 4: Palo Alto, CALIFORNIA 94304</p>											
ATTORNEY DOCKET NUMBER:	2011P00264US										
NAME OF SUBMITTER:	Anuradha B										
<p>Total Attachments: 2</p> <p>source=2011P00264US_Executed-Assignment_SAP#page1.tif</p> <p>source=2011P00264US_Executed-Assignment_SAP#page2.tif</p>											

CH \$40.00 13335938

ASSIGNMENT

For valuable consideration, we, SEBASTIAN SCHROETEL, ULRICH BESTFLEISCH, GERRIT SIMON KAZMAIER, and NADINE SACHS, hereby assign to SAP AG, a German Corporation, having a place of business at Dietmar-Hopp-Allee 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

DYNAMIC RECREATION OF MULTIDIMENSIONAL ANALYTICAL DATA

which is found in

U.S. patent application filed on 23-DEC-2011

☒ under Application No. 13/335,938

☐ 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 my name 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

Sebastian Schrock

Date

21.12.2011

Print Name

SEBASTIAN SCHROETEL

Witnessed by:

Signature

Annelie Peters

Print Name

Date

21.12.2011

Inventor's Signature

[Signature]

Date

21.12.2011

Print Name

ULRICH BESTFLEISCH

Witnessed by:

Signature

Nadine Sachs

Date

21.12.2011

Print Name

Inventor's Signature

[Signature]

Date

21.12.2011

Print Name

GERHART SIMON KAZMAIER

Witnessed by:

Signature

Annelie Peters

Date

21.12.2011

Print Name

Inventor's Signature

[Signature]

Date

21.12.2011

Print Name

NADINE SACHS

Witnessed by:

Signature

ULRICH BESTFLEISCH

Date

21.12.2011

Print Name