

PATENT ASSIGNMENT

Electronic Version v1.1

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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>RAPHAEL THOLLOT</td> <td>10/03/2011</td> </tr> <tr> <td>MARIE-AUDE AUFAURE</td> <td>10/03/2011</td> </tr> <tr> <td>JEAN-YVES CRAS</td> <td>10/03/2011</td> </tr> </tbody> </table>		Name	Execution Date	RAPHAEL THOLLOT	10/03/2011	MARIE-AUDE AUFAURE	10/03/2011	JEAN-YVES CRAS	10/03/2011				
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RECEIVING PARTY DATA													
<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>Internal Address:</td> <td>SAP Global Intellectual Property</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>69190</td> </tr> </table>		Name:	SAP AG	Street Address:	Dietmar-Hopp-Allee 16	Internal Address:	SAP Global Intellectual Property	City:	Walldorf	State/Country:	GERMANY	Postal Code:	69190
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PROPERTY NUMBERS Total: 1													
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CORRESPONDENCE DATA													
<p>Fax Number: (650)494-5620</p> <p>Phone: +1 650 849 3919</p> <p>Email: april.meng@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: Dietmar-Hopp-Allee 16</p> <p>Address Line 2: SAP Global Intellectual Property</p> <p>Address Line 4: Walldorf, GERMANY 69190</p>													
ATTORNEY DOCKET NUMBER:	2011P00234US												
NAME OF SUBMITTER:	Elitsa Rangelova												
<p>Total Attachments: 2</p> <p>source=assignment_2011P00234US#page1.tif</p> <p>source=assignment_2011P00234US#page2.tif</p>													

CH \$40.00 13231210

ASSIGNMENT

For valuable consideration, we, RAPHAEL THOLLOT, MARIE-AUDE AUFAURE and JEAN-YVES CRAS hereby assign to Business Objects Software Limited, organized and existing under the laws of Ireland, having place of business at 25/28 North Wall Quay, Dublin, 1, Ireland, 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

SITUATIONAL RECOMMENDATIONS IN HETEROGENOUS SYSTEM ENVIRONMENT

which is found in

U.S. patent application filed on September 13, 2011

☒ under Application No. 13/231,210

☐ 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 _____

Print Name RAPHAEL THOLLOT


Date 03/10/2011

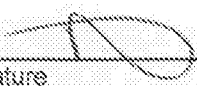
Witnessed by: _____

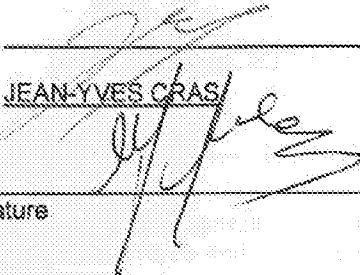

Signature

Date 03/10/2011

Print Name Nicolas Kuchmann-Bedinger

Inventor's Signature 
 Print Name MARIE-AUDE AUFATURE Date 03/10/2011

Witnessed by: 
 Signature Nicolas Kuchmann-Benzer Date 03/10/2011
 Print Name

Inventor's Signature 
 Print Name JEAN-YVES CRAS Date 03/10/2011
 Witnessed by: 
 Signature JEAN-CLAUDE GROSJEAN Date 03/10/2011
 Print Name