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PATENT ASSIGNMENT COVER SHEET

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IBMISSION TYPE: NEW ASSIGNMENT				
ASSIGNMENT				
Name	Execution Date			
	06/10/2010			
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SAP AG				
ISAP AG				
Dietmar-Hopp-Allee 16				
Global Intellectual Property				
Walldorf				
GERMANY				
69190				
PROPERTY NUMBERS Total: 1				
Number				
9067				
	Name Name 16 Property			

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ATTORNEY DOCKET NUMBER:	2010P00063US01
NAME OF SUBMITTER:	SMITHA UMASHANKAR
Signature:	/Smitha Umashankar/
Date:	10/08/2013

Total Attachments: 1

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PATENT REEL: 031359 FRAME: 0173

Attorney Docket No.: 2010P00063US

ASSIGNMENT

For valuable consideration, we, <u>NICK BARTOMELI & JOHN HACK</u>, hereby assign to SAP AG, a German Corporation, having a place of business at Dietmar-Hopp-Alice 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.

PROVIDING RELEVANT INFORMATION BASED ON

DATA SPACE ACTIVITY ITEMS

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U.S. patent application filed on June 14, 2	2010
[] under Application No. 12/814, 491	IRANDARARARA
[] 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 Sign	ature MIA Fact	
Print Name	NICK EARTOMELI	
Witnessed by:	Signature!	6/10/10
	Print Name	Date
Inventor's Sign	ature Jun Haule	10 JUNE 2010
Print Name	J <u>ÓHN HACK</u>	Date
Witnessed by:	Spature Mauritary	Date & // 0 // 0
	Print Name	, service

Page 1 of 1