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1. Name of conveying party(ies)	2. Name and address of receiving party(ies)	
	Name: SAP AG	
ADAM POLLY and MATHIAS HABICH	Internal Address:	
Additional name(s) of conveying party(ies) attached? Yes 🗷 No		
3. Nature of conveyance/Execution Date(s):	Street Address: Dietmar-Hopp-Allee 16	
Execution Date(s)3/16/11: 3/16/11		
★ Assignment	City: Walldorf	
Security Agreement Change of Name	-	
Joint Research Agreement	State:	
Government Interest Assignment	Country: Germany Zip: 69190	
Executive Order 9424, Confirmatory License		
Other	Additional name(s) & address(es) attached? Yes K No	
4. Application or patent number(s):	document is being filed together with a new application. ' В. Patent No.(s)	
12/982,270		
Additional numbers attached? Yes No		
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents Involved: 1	
Name: Pedro F, Suarez	7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00	
Internal Address:	,	
	➤ Authorized to be charged to deposit account	
Street Address:3580 Carmel Mountain Road, Sulte 300	Enclosed	
	None required (government interest not affecting title)	
City: Sen Diego	8. Payment Information	
State: <u>CA</u> Zip: <u>92130</u>		
Phone Number(<u>858)</u> 314-1540	Deposit Account Number 50-0311	
Fax Number: (858) 314-1501	·	
Email Address: pauarez@mintz.com	Authorized User Name Pedro Suarez	
9. Signature:	March 22, 2011	
Signature		
Pedro F. Suarez, Reg. No. 45,895 Name of Person Signing Total number of pages Including cover sheet, attachments, and documents:		

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PATENT REEL: 026108 FRAME: 0722 Attorney Docket No.: 34874-521F01US/2010P00441US

Customer Number: 64280

<u>ASSIGNMENT</u>

For valuable consideration, we, ADAM POLLY and MATHIAS HABICH each 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,

MANAGEMENT OF OBJECTS WITHIN A META-DATA REPOSITORY

which is found in

- [X] U.S. patent application filed on December 30, 2010
- [X] under Application No. 12/982,270
- [X] under Attorney Docket No.: 34874-521F01US/2010P00441US

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 Assignce may reasonably request to effectuate fully this assignment.

PATENT REEL: 026108 FRAME: 0723 Attorney Docket No.: 34874-521F01US/2010P00441US

Customer Number: 64280

Inventor's Signature	
Hern Pally	G3/ 16/2011
ADAM POLLY	Date
Witnessed by: Halling Hall Signature	03/16/2011 Date
MATHIAS HABICH Print Name	
Inventor's Signature White Halyel MATHIAS HABICH	03/16/2011 Date
Witnessed hu	1/410
Sometime Pally	03/16/2011
Signature	Date
ADAM POLLY	

Print Name