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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
STEFAN DIPPER	08/29/2007
CHRISTEL RUEGER	08/29/2007
STEFAN BIEDENSTEIN	09/27/2007

RECEIVING PARTY DATA

Name:	SAP AG	
Street Address:	DIETMAR-HOPP-ALLEE 16	
City:	WALLDORF	
State/Country:	GERMANY	
Postal Code:	D-69190	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11867627

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 34874-323 / 2007P00212US

NAME OF SUBMITTER: James P. Cleary

Total Attachments: 2

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PATENT REEL: 019987 FRAME: 0635

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PATENT REEL: 019987 FRAME: 0636

ASSIGNMENT

For valuable consideration, we, STEFAN DIPPER, CHRISTEL RUEGER, and STEFAN BIEDENSTEIN, 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,

EXTENDED HANDLING OF AMBIGUOUS JOINS

which is found in

ŕ	X U.S. patent application filed on October	r 4, 2007
į	X U.S. patent application filed on October under Application No. 11/867,627	•
	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 scrial 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.

Attorney Docket No.: 34874-323/2007P00212US Customer Number: 64280

STEFAN DIPPER WITNESSED BY: CARUTEL PURER Print Name	2208.2007 Date
Inventor's Signature CHRISTEL RUEGER WITNESSED BY: STEFAW OIPPER Print Name	24.08.2007- Date
Inventor's Signature STEFAN BIEDENSTEIN WITNESSED BY: Print Name	27.9.2007 Date