

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
LARS FRICKE	12/21/2011
SANG YONG HWANG	12/14/2011
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:	13336928
CORRESPONDENCE DATA	
Fax Number:	(858)314-1501
Phone:	(858) 314-1559
Email:	ccpearsall@mintz.com
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
Correspondent Name:	Michael D. Van Loy
Address Line 1:	3580 Carmel Mountain Road
Address Line 2:	Suite 300
Address Line 4:	San Diego, CALIFORNIA 92130
ATTORNEY DOCKET NUMBER:	34874-810F01US
NAME OF SUBMITTER:	Michael D. Van Loy
Total Attachments: 3 source=34874-810F01US Executed Assignment#page1.tif source=34874-810F01US Executed Assignment#page2.tif source=34874-810F01US Executed Assignment#page3.tif	

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ASSIGNMENT

For valuable consideration, we **LARS FRICKE** and **SANG YONG HWANG**, 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,

UNIQUE VALUE CALCULATION IN PARTITIONED TABLES

which is found in

U.S. patent application filed on December 23, 2011

Under Application No. 13/336,928

Under Attorney Docket No.: 34874-810F01US/2011P00453US

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 Signature

LARS FRICKE

Witnessed by:

Signature

Print Name

Date

Date

Inventor's Signature



SANG YONG HWANG

Witnessed by:



Signature

Young Goo Cho

Print Name

December 14, 2011

Date

December 14, 2011

Date

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