

## PATENT ASSIGNMENT

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|---|-----------------------------------|
| SUBMISSION TYPE:  | NEW ASSIGNMENT                    |
| NATURE OF CONVEYANCE:   | ASSIGNMENT                        |
| CONVEYING PARTY DATA  |                                   |
| Name  | Execution Date                    |
| Carsten Ziegler   | 03/12/2012                        |
| RECEIVING PARTY DATA  |                                   |
| Name:   | SAP AG                            |
| Street Address:   | Dietmar-Hopp-Allee 16             |
| City:   | Walldorf                          |
| State/Country:  | GERMANY                           |
| Postal Code:  | 69190                             |
| PROPERTY NUMBERS Total: 1   |                                   |
| Property Type   | Number                            |
| Application Number:   | 13418027                          |
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| ATTORNEY DOCKET NUMBER:   | 19796-0068001                     |
| NAME OF SUBMITTER:  | Karen Vertz                       |
| Total Attachments: 1<br>source=19796-0068001_Assignment#page1.tif   |                                   |

CH \$40.00 13418027

ASSIGNMENT

For valuable consideration, I, Carsten Ziegler, hereby assign to SAP AG, a German Corporation, having a place of business at Dietmar-Hopp-Allee 16, 69190 Walldorf, Germany, and its successors, and assigns (collectively, "the ASSIGNEE") my entire right, title and interest throughout the world in the inventions and improvements that are the subject of patent documents entitled

## OPTIMIZING SOURCE CODE,

which are found in

U.S. patent application filed on December 29, 2011,

[X] under Application No. 61/581,379; and

U.S. patent application filed on March 12, 2012

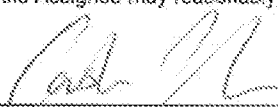
[X] under Application No. 13/418,027

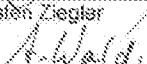
I authorize and request the attorneys of record or the attorney filing the application to insert into this assignment the filing date and serial number of the application(s) when known.

This assignment includes the foregoing patent application(s) or patent, as well as continuations and divisionals of said application(s), 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(s) 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. I 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.

I 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.

I further agree for myself and my 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 me and to testify as to the same in any interference, litigation, or proceeding relating thereto; and I 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   
Carsten Ziegler

Witnessed by:   
Signature

Andrea Waldi  
Print Name

March 12, 2012  
Date