# 504070211 10/27/2016 PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNM	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT		
CONVEYING PARTY D	ΑΤΑ				
		Name		Execution Date	
TAO LI				10/27/2016	
RECEIVING PARTY DA					
Name:	SAP SE	SAP SE			
Street Address:	DIETMA	DIETMAR-HOPP-ALLEE 16			
City:	WALLDO	WALLDORF			
State/Country:	GERMA	GERMANY			
Postal Code:	D-69190	D-69190			
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PROPERTY NUMBERS	6 Total: 1				
Property Type		Numbe	r		
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Fax Number:	•	03)972-7627			
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# ASSIGNMENT OF RIGHTS, TITLE AND INTEREST IN INVENTION

This is an Assignment of the following rights, title and interest: (check all that apply)

- United States of America rights, title and interest in the invention
- Foreign rights, title and interest in the invention
- The following United States Patent Application
  - United States Patent Application No.: 15/335.943
  - which was filed on: October 27, 2016
- United States Provisional Patent Application Serial No.:
- United States Patent No(s).:
- International (PCT) Patent Application Serial No.:
- Other (specify):

### TITLE OF THE INVENTION:

### VISUAL RELATIONSHIP BETWEEN TABLE VALUES

**Inventors** (assignors)

Name

Address

Tao Li

SAP Global IP Group, SAP SE, Dietmar-Hopp-Allee 16, D-69190 Walldorf, Germany

#### Assignee

Dietmar-Hopp-Allee 16, D-69190 Walldorf, Germany

Name

Address

SAP SE

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PATENT REEL: 040503 FRAME: 0617 Whereas, we, the above-identified Inventors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");

And, whereas we desire to assign our above-identified rights, title and interest in the Invention to the above-identified assignee;

Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

And we hereby authorize and request the Commissioner of Patents and Trademarks to issue any United States Letters Patent which may issue for said Invention to said Assignce, as assignce of the whole right, title and interest thereto;

And we further authorize and request that attorney, Nicholas M. Stabler, of Buckley, Maschoff & Talwalkar LLC, insert the filing date and application number of the abovereferenced patent application when known;

And we further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuationsin-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignce or its Designce(s) may from time to time require and prepare at its own expense.

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Docket No.: 160818US01 (S21.164)

Inventors' Signatures

Tao Li:

Witnessed by:

27.10.2016 Date:

Date:

Page 3 of 3

**RECORDED: 10/27/2016** 

PATENT REEL: 040503 FRAME: 0619