

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4091963

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
CHRISTIAN CONRADI	10/05/2016
MARCEL HERMANNNS	10/06/2016
STEFAN ENGELHARDT	10/06/2016
VERA THOME-FIX	10/07/2016
MAXIMILIAN EISELE	10/06/2016
GREGOR TIELSCH	10/06/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	SAP SE
<b>Street Address:</b>	DIETMAR-HOPP-ALLEE 16
<b>City:</b>	WALLDORF
<b>State/Country:</b>	GERMANY
<b>Postal Code:</b>	D-69190
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15290507
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(203)972-7627
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	203-972-0006
<b>Email:</b>	venuto@bmtpatent.com, colabella@bmtpatent.com
<b>Correspondent Name:</b>	BUCKLEY, MASCHOFF & TALWALKAR LLC
<b>Address Line 1:</b>	50 LOCUST AVENUE
<b>Address Line 4:</b>	NEW CANAAN, CONNECTICUT 06840
<b>ATTORNEY DOCKET NUMBER:</b>	160124US01 (S21.156)
<b>NAME OF SUBMITTER:</b>	NANDU A. TALWALKAR
<b>SIGNATURE:</b>	/NAT/
<b>DATE SIGNED:</b>	10/11/2016
<b>Total Attachments: 4</b>	

source=160124US01 (S21.156) - Executed Assignment#page1.tif  
source=160124US01 (S21.156) - Executed Assignment#page2.tif  
source=160124US01 (S21.156) - Executed Assignment#page3.tif  
source=160124US01 (S21.156) - Executed Assignment#page4.tif

## 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.: 15/290,507  
which was filed on: October 11, 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:

SYSTEM TO SEARCH HETEROGENEOUS DATA STRUCTURES

### Inventors *(assignors)*

Name	Address
Christian Conradi	SAP Global IP Group, SAP SE, Dietmar-Hopp-Allee 16, D-69190 Walldorf, Germany
Marcel Hermanns	SAP Global IP Group, SAP SE, Dietmar-Hopp-Allee 16, D-69190 Walldorf, Germany
Stefan Engelhardt	SAP Global IP Group, SAP SE, Dietmar-Hopp-Allee 16, D-69190 Walldorf, Germany
Vera Thome-Fix	SAP Global IP Group, SAP SE, Dietmar-Hopp-Allee 16, D-69190 Walldorf, Germany
Maximilian Eisele	SAP Global IP Group, SAP SE, Dietmar-Hopp-Allee 16, D-69190 Walldorf, Germany



Patent which may be granted for my aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

Inventors' Signatures

Christian Conradi: *Christian Conradi* Date: 10/5/2016

Witnessed by: *D. Eise* Date: 10/5/2016

Marcel Hermanns: \_\_\_\_\_ Date: \_\_\_\_\_

Witnessed by: \_\_\_\_\_ Date: \_\_\_\_\_

Stefan Engelhardt: *SE* Date: 10/6/2016

Witnessed by: *RS* Date: 10/6/2016

Vera Thome-Fix: *Vera Thome-Fix* Date: 10/7/2016

Witnessed by: *Jatana Joch* Date: 10/07/2016

Maximilian Eisele: *M E* Date: 10/06/2016

Witnessed by: *RS* Date: 10/06/2016

Gregor Tielsch: *Gregor Tielsch* Date: 10/06/2016

Witnessed by: *RS* Date: 10/06/2016

Patent which may be granted for my aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

Inventors' Signatures

Christian Conradi: \_\_\_\_\_ Date: \_\_\_\_\_

Witnessed by: \_\_\_\_\_ Date: \_\_\_\_\_

Marcel Hermanns: M. Hermanns Date: 6<sup>th</sup> Oct. 2016

Witnessed by: [Signature] Date: 6<sup>th</sup> Oct. 2016

Stefan Engelhardt: \_\_\_\_\_ Date: \_\_\_\_\_

Witnessed by: \_\_\_\_\_ Date: \_\_\_\_\_

Vera Thome-Fix: \_\_\_\_\_ Date: \_\_\_\_\_

Witnessed by: \_\_\_\_\_ Date: \_\_\_\_\_

Maximilian Eisele: \_\_\_\_\_ Date: \_\_\_\_\_

Witnessed by: \_\_\_\_\_ Date: \_\_\_\_\_

Gregor Tielsch: \_\_\_\_\_ Date: \_\_\_\_\_

Witnessed by: \_\_\_\_\_ Date: \_\_\_\_\_