

U.S. PTO  
14949128  
112315

12/01/2015



103673982

Form PTO-1595 (Rev. 06-12)  
OMB No. 0651-0027 (exp. 04/30/2015)

11/23/15

RECORDATION FORM COVER SHEET  
PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

<p><b>1. Name of conveying party(ies)</b> Jonathan Bregler (11/17/2015), Alexander Bunte (11/17/2015), Arne Harren (11/17/2015), Andreas Kellner (11/18/2015), Additional name(s) of conveying party(ies) attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>	<p><b>2. Name and address of receiving party(ies)</b> Name: <u>SAP SE</u> Internal Address: _____ Street Address: _____  <u>Dietmar-Hopp-Allee 16</u>  City: <u>Waldorf</u> State: _____ Country: <u>Germany</u> Zip: <u>D-69190</u> Additional name(s) &amp; address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p><b>3. Nature of conveyance/Execution Date(s):</b> Execution Date(s) in parentheses after inventor name <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Change of Name <input type="checkbox"/> Security Agreement <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other _____</p>	<p><b>4. Application or patent number(s):</b> <input checked="" type="checkbox"/> This document serves as an Oath/Declaration (37 CFR 1.63). A. Patent Application No.(s) <u>This Application</u> B. Patent No.(s)  Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p><b>5. Name and address to whom correspondence concerning document should be mailed:</b> <u>Boris A. Matvenko, Esq.</u> <u>MINTZ-LEVIN COHN FERRIS GLOVSKY</u> Name: <u>AND POPEO, P.C.</u> Internal Address: _____  Street Address: <u>Chrysler Center</u> <u>666 Third Avenue</u>  City: <u>New York</u> State: <u>NY</u> Zip: <u>10017</u> Phone Number: <u>(212) 692-6858</u> Docket Number: <u>54874-156F01US</u> Email Address: <u>IPDocketingBOS@mintz.com</u></p>	<p><b>6. Total number of applications and patents involved:</b> <u>1</u>  <b>7. Total fee (37 CFR 1.21(h) &amp; 3.41)</b> \$ <u>40.00</u>  <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title)</p>
<p><b>9. Signature:</b> <u>/Boris A. Matvenko/</u> Signature  <u>Boris A. Matvenko, Esq. - 48,165</u> Name of Person Signing</p>	<p><b>8. Payment Information</b> Deposit Account Number <u>50-0311</u> Authorized User Name <u>Boris A. Matvenko, Esq.</u> <u>November 23, 2015</u> Date  Total number of pages including cover sheet, attachments, and documents: <u>11</u></p>

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

**RECORDATION FORM COVER SHEET (PTO-1595)  
(Supplemental Sheet)**

**Additional conveying party(ies) and/or Execution Date(s) (1. and/or 3. continued):**

Daniel Kuntze (11/17/2015), Vladislav Leonkev (11/17/2015), Simon Lueders (11/17/2015), Volker Sauermann (11/17/2015), Michael Schnaubelt (11/17/2015), Le-Huan Stefan Tran (11/17/2015), Michael Wintergerst (11/17/2015), Cornelia Kinder (11/17/2015), and Christopher Schildt (11/17/2015)

**Additional receiving party(ies) (2. continued):**

Name: \_\_\_\_\_

Internal Address:

Street Address:

City: \_\_\_\_\_ State: \_\_\_\_\_ Country: \_\_\_\_\_ Zip: \_\_\_\_\_

Name: \_\_\_\_\_

Internal Address:

Street Address:

City: \_\_\_\_\_ State: \_\_\_\_\_ Country: \_\_\_\_\_ Zip: \_\_\_\_\_

Name: \_\_\_\_\_

Internal Address:

Street Address:

City: \_\_\_\_\_ State: \_\_\_\_\_ Country: \_\_\_\_\_ Zip: \_\_\_\_\_

**Additional application and/or patent number(s) (4. continued):**

Additional Patent Application No.(s)  
(4A. continued):

Additional Patent No.(s)  
(4B. continued):

Additional numbers attached?

Yes  No

## Table of Contents (Selected Documents)

Date	Code	Page s	Source	PackageID	Annotation
11-23-2015	OATH	2	EFSW	US 1494912801P1	
11-23-2015	R3.73	9	EFSW	US 1494912801P1	

**ASSIGNMENT**

For valuable consideration, we, JONATHAN BREGLER, ALEXANDER BUNTE, ARNE HARREN, ANDREAS KELLNER, DANIEL KUNTZE, VLADISLAV LEONKEV, SIMON LUEDERS, VOLKER SAUERMANN, MICHAEL SCHNAUBELT, LE-HUAN STEFAN TRAN, MICHAEL WINTERGERST, CORNELIA KINDER and CHRISTOPHER SCHILDT, hereby confirm that we have sold and assigned, and do hereby assign, sell and transfer to SAP SE, a European Company, with offices 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,

**USER-CONFIGURABLE DATABASE ARTIFACTS**

which is found in

U.S. Patent Application filed on: Hereto  
 Under Application No. Not Yet Assigned  
 Under Attorney Docket No.: 54874-156F01US/151226US01

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.

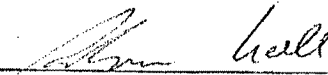
We further agree for ourselves and our respective heirs, legal representatives, and assigns to provide to the ASSIGNEE promptly upon its request and at its expense all pertinent facts and documents relating to any of said inventions and improvements or said patents and legal equivalents as may be known 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:

  
JONATHAN BREGLER

17.11.2015  
Date

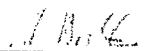
Witnessed by:

  
Signature

17.11.2015  
Date


Andreas Knoll  
Print Name

Inventor's Signature:

  
ALEXANDER BUNTE

17.11.15  
Date


Witnessed by:

  
Signature

17.11.2015  
Date

Jordan Dukadinos  
Print Name

Inventor's Signature:

  
\_\_\_\_\_  
ARNE HARREN

2015-11-17  
Date

Witnessed by:

  
\_\_\_\_\_  
Signature

11.11.2015  
Date

Andreas Kroll  
\_\_\_\_\_  
Print Name

Inventor's Signature:

\_\_\_\_\_  
ANDREAS KELLNER

\_\_\_\_\_  
Date

Witnessed by:

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Print Name

Inventor's Signature:

ARNE HARREN

Date

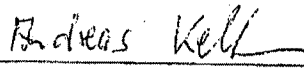
Witnessed by:

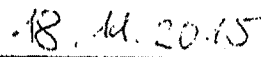
Signature

Date

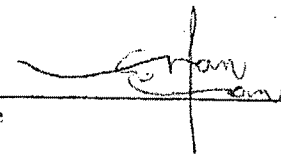
Print Name

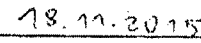
Inventor's Signature:

  
ANDREAS KELLNER

  
Date

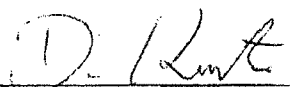
Witnessed by:

  
Signature

  
Date

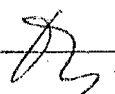
Le-Huan Stefan TRAN  
Print Name

Inventor's Signature:

  
\_\_\_\_\_  
DANIEL KUNTZE

17.11.2015  
Date


Witnessed by:

  
\_\_\_\_\_  
Signature

17.11.2015  
Date


Jordan Dukadinov  
\_\_\_\_\_  
Print Name

Inventor's Signature:

  
\_\_\_\_\_  
VLADISLAV LEONKEV

17.11.2015  
Date

Witnessed by:


  
\_\_\_\_\_  
Signature

17.11.2015  
Date

Jordan Dukadinov  
\_\_\_\_\_  
Print Name



Inventor's Signature:

  
\_\_\_\_\_  
SIMON LUEDERS

17.11.2015  
Date

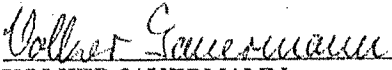
Witnessed by:

  
\_\_\_\_\_  
Signature

17.11.2015  
Date

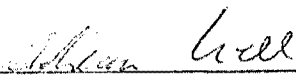
Jordan Dukadinos  
Print Name

Inventor's Signature:

  
\_\_\_\_\_  
VOLKER SAUERMAN

17.11.2015  
Date

Witnessed by:

  
\_\_\_\_\_  
Signature

17.11.2015  
Date

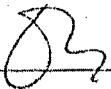
Andreas Knoll  
Print Name

Inventor's Signature:

M. Schnaubelt  
MICHAEL SCHNAUBELT

17.11.2015  
Date

Witnessed by:

  
Signature

12.11.2015  
Date

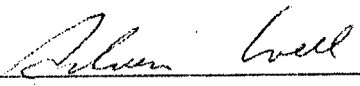
Jordan Dukadinos  
Print Name

Inventor's Signature:

  
LE-HUAN STEFAN TRAN

17.11.2015  
Date

Witnessed by:

  
Signature

17.11.2015  
Date

Andreas Knoll  
Print Name

Inventor's Signature:

Michael Wintergerst  
MICHAEL WINTERGERST

11/17/2015  
Date

Witnessed by:

Steffen Schreiber  
Signature

11/17/2015  
Date

Steffen Schreiber  
Print Name

Inventor's Signature:

Cornelia Kinder  
CORNELIA KINDER

17.11.2015  
Date

Witnessed by:

C. Schlitt  
Signature

17.11.2015  
Date

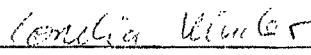
Christopher Schlitt  
Print Name

Inventor's Signature:

  
CHRISTOPHER SCHILDT

17.11.2015  
Date

Witnessed by:

  
Signature

17.11.2015  
Date

Cornelia Kinder  
Print Name