

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3628370

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MR. JONATHAN BREGLER	11/17/2015
MR. ALEXANDER BUNTE	11/17/2015
MR. ARNE HARREN	11/17/2015
MR. ANDREAS KELLNER	11/18/2015
MR. DANIEL KUNTZE	11/17/2015
MR. VLADISLAV LEONKEV	11/17/2015
MR. SIMON LUEDERS	11/17/2015
MR. VOLKER SAUERMANN	11/17/2015
MR. MICHAEL SCHNAUBELT	11/17/2015
MR. LE-HUAN STEFAN TRAN	11/17/2015
MR. MICHAEL WINTERGERST	11/17/2015
MS. CORNELIA KINDER	11/17/2015
MR. CHRISTOPHER SCHILDT	11/17/2015
MR. ANDREAS THUMFART	11/17/2015
MR. RALPH DEBUSMANN	11/19/2015
MR. ANDRE HILDEBRANDT	11/19/2015
<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>
<b>Application Number:</b>	14948990
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(858)314-1501
<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>	

PATENT

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**Address Line 2:** 666 THIRD AVENUE  
**Address Line 4:** NEW YORK, NEW YORK 10017

<b>ATTORNEY DOCKET NUMBER:</b>	54874-155F01US/151224US01
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<b>NAME OF SUBMITTER:</b>	BORIS A. MATVENKO, ESQ.
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<b>SIGNATURE:</b>	/Boris A. Matvenko, Esq./
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<b>DATE SIGNED:</b>	11/23/2015
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**Total Attachments: 13**

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**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.

**1. Name of conveying party(ies)**

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? ☒ Yes ☐ No

**2. Name and address of receiving party(ies)**

Name: SAP SE

Internal Address: \_\_\_\_\_

Street Address: \_\_\_\_\_

Dietmar-Hopp-Allee 16

City: Walldorf

State: \_\_\_\_\_

Country: Germany Zip: D-69190

Additional name(s) & address(es) attached? ☐ Yes ☒ No

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) in parentheses after inventor name \_\_\_\_\_

☒ Assignment ☐ Merger ☐ Change of Name

☐ Security Agreement ☐ Joint Research Agreement

☐ Government Interest Assignment

☐ Executive Order 9424, Confirmatory License

☐ Other \_\_\_\_\_

**4. Application or patent number(s):**

☒ This document serves as an Oath/Declaration (37 CFR 1.63).

A. Patent Application No.(s)

This Application

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

**5. Name and address to whom correspondence  
concerning document should be mailed:**

Boris A. Matvenko, Esq.  
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AND POPEO, P.C.

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City: New York

State: NY Zip: 10017

Phone Number: (212) 692-6858

Docket Number: 54874-155F01US

Email Address: IPDocketingBOS@mintz.com

**6. Total number of applications  
and patents involved:**

1

**7. Total fee** (37 CFR 1.21(h) & 3.41) \$ 40.00

☒ Authorized to be charged to deposit account

☐ Enclosed

☐ None required (government interest not affecting title)

**8. Payment Information**

Deposit Account Number 50-0311

Authorized User Name Boris A. Matvenko, Esq.

**9. Signature:** /Boris A. Matvenko/  
Signature

November 23, 2015  
Date

Boris A. Matvenko, Esq. - 48,165  
Name of Person Signing

Total number of pages including  
cover  
sheet, attachments, and documents:

13

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), Christopher Schildt (11/17/2015), Andreas Thumfart (11/17/2015), Ralph Debusmann (11/19/2015), and Andre Hildebrandt (11/19/2015)

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

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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

### 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, CHRISTOPHER SCHILDT, ANDREAS THUMFART, RALPH DEBUSMANN and ANDRE HILDEBRANDT, 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,

### DEPLOYMENT OF DATABASE OBJECTS

which is found in

☒ U.S. Patent Application filed on: Hereto  
☒ Under Application No. Not Yet Assigned  
☒ Under Attorney Docket No.: 54874-155F01US/151224US01

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:

  
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ALEXANDER BUNTE

17.11.2015  
Date

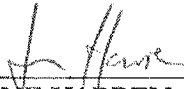
Witnessed by:

  
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Signature

17.11.2015  
Date

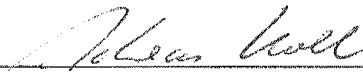
Jordan Dukadinos  
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ARNE HARREN

2015-11-17  
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ANDREAS KELLNER

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Le-Huon Stefan TRAN  
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17.11.2015  
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17.11.2015  
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11/17/2015  
Date


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Steffen Schreiber  
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CORNELIA KINDER

17.11.2015  
Date

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Signature

17.11.2015  
Date

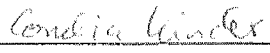
Christophe Schildt  
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CHRISTOPHER SCHILDT

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Signature

17 Nov 2015  
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DIEGO RICARDO RAPELA  
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Inventor's Signature:

## RALPH DEBUSMANN

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Inventor's Signature:

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Witnessed by:

Signature \_\_\_\_\_

Date \_\_\_\_\_

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Inventor's Signature:

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RALPH DEBUSMANN

\_\_\_\_\_  
Date

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\_\_\_\_\_  
Signature

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Inventor's Signature:

  
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ANDRE HILDEBRANDT

19.11.2015  
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