#### 504578571 10/04/2017

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4625282

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
WASILIJ BESKOROVAJNOV	09/07/2017
DANIEL BERNAU	09/07/2017

### **RECEIVING PARTY DATA**

Name:	SAP SE	
Street Address:	DIETMAR-HOPP-ALLEE 16	
Internal Address:	SAP GLOBAL INTELLECTUAL PROPERTY	
City:	WALLDORF	
State/Country:	GERMANY	
Postal Code:	Postal Code: D-69190	

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15701826

### CORRESPONDENCE DATA

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Address Line 2: SAP GLOBAL INTELLECTUAL PROPERTY

Address Line 4: PALO ALTO, CALIFORNIA 94304

ATTORNEY DOCKET NUMBER:	170306US02	
NAME OF SUBMITTER:	ELITSA RANGELOVA	
SIGNATURE:	/Elitsa Rangelova/	
DATE SIGNED:	10/04/2017	

**Total Attachments: 2** 

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> **PATENT** REEL: 043772 FRAME: 0474

504578571

Attorney Docket No.: 170305US02

### **ASSIGNMENT**

For valuable consideration, We, <u>Wasilli Beskorovajnov</u>, <u>Daniel Bernau</u> hereby assign to SAP SE, a European Company, having a place of business at Dietmar-Hopp- Aliee 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

## PROVIDING DIFFERENTIALLY PRIVATE DATA WITH CAUSALITY PRESERVATION

U.S. patent application filed on Sept. 12, 2 [x] under Application No. 15/701,826	2017
[ ] with Express Mail No.	(Application Number not yet known)
We authorize and request the attorneys of record or the insert into this assignment the filing date and serial numbers.	
This assignment includes the foregoing patent application any country, and all patents issuing from such legal equipant design registrations granted by any jurisdiction for an improvements; and the right to claim priority based on the application or patent under the International Convention of Property, the Patent Cooperation Treaty, the European Fireaties of like purposes. We authorize the Assignee to a in its own name for patents, utility models, and design rejectusion and for inventors' certificates for said invention	valents; all patents, utility models, ny of said inventions and e filing date of the foregoing patent for the Protection of Industrial Patent Convention, and all other pply in all countries in our name or gistrations and like rights of
We hereby state and agree that no assignment, sale, ag will be made or entered into that would conflict with this a	reement, or encumbrance has been or assignment.
We further agree for ourselves and our respective heirs, to provide to the Assignee promptly upon its request and and documents relating to any of said inventions and im legal equivalents as may be known and accessible to us interference, litigation, or proceeding relating thereto; and such lawful acts and to sign such further applications, as lawful documents as the Assignee may reasonably requeassignment.	af its expense all pertinent facts provements or said patents and and to testify as to the same in any I we agree promptly to perform signments, statements, and other
Inventor's Signature	<u> </u>
Print Name Wasilii Beskorovajnov	vaie
Witnessed by:	07.09 7217
Signature	Date
Jonas Bokler	
Print Name	

Attorney Docket No.: 170306US02

Inventor's Sign	ature <u>222</u>	07 09 47
Print Name	Daniel Bernau	Date
Witnessed by:	904	07.04,47
Signature		Oate
	Print Nama	

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