### 503335712 06/04/2015

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3382330

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Marcus Roy	05/19/2015
DENNIS MARKUS RENE SCHMIDT	05/18/2015
Basem Suleiman	05/19/2015

#### **RECEIVING PARTY DATA**

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

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

Property Type	Number	
Application Number:	14718376	

#### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER: 13913-0590002

NAME OF SUBMITTER: TANYA SPARROW

SIGNATURE: /Tanya Sparrow/
DATE SIGNED: 06/04/2015

#### **Total Attachments: 3**

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PATENT 503335712 REEL: 035785 FRAME: 0662

#### ASSIGNMENT

For valuable consideration, we, Marcus Roy, Dennis Markus René Schmidt and Basem Suleiman, hereby assign to SAP SE, a corporation of Europe, having a place of business 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 in a patent document entitled

### Facilitating Extraction and Discovery of Enterprise Services.

which is found in the

U.S. patent application filed on May 21, 2015	
[X] under Application No. 14/718,376	
We authorize and request the attorneys of record or the attorney filing the application serial number of the application when known.	to insert into this assignment the filing date and
This assignment includes the foregoing patent application or patent, as well as contine equivalents in any country, and all patents issuing from such legal equivalents; all pategranted by any jurisdiction for any of said inventions and improvements; and the right foregoing patent application or patent under the International Convention for the Prote Cooperation Treaty, the European Patent Convention, and all other treaties of like pur countries in our names or in its own name for patents, utility models, and design regis inventors' certificates for said inventions and improvements.	ents, utility models, and design registrations to claim priority based on the filing date of the action of Industrial Property, the Patent poses. We authorize the Assignee to apply in all
We hereby state and agree that no assignment, sale, agreement, or encumbrance ha conflict with this assignment.	s been or will be made or entered into that would
We further agree for ourselves and our respective heirs, legal representatives, and as request and at its expense all pertinent facts and documents relating to any of said in legal equivalents as may be known and accessible to us and to testify as to the same relating thereto; and we agree promptly to perform such lawful acts and to sign such fother lawful documents as the Assignee may reasonably request to effect ate fully the	ventions and improvements or said patents and in any interference, litigation, or proceeding urther applications, assignments, statements, and
Witnessed by:  Signature  Print Name  Signature  Tailo F- Campos R.	19/05/15 Date
Inventor's Signature	
Witnessed by: Signature	Date
Print Name	

PATENT REEL: 035785 FRAME: 0663

Attorney's Docket No.: 13913-0590002 / 2011P00243US01

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For valuable consideration, we, Marcus Roy, Dennis Markus René Schmidt and Basem Suleiman, hereby assign to SAP SE, a corporation of Europe, having a place of business 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 in a patent document entitled

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	U.S. patent application file	on May 21, 2015	
	[X] under Application No.	e a fema o o orman	
	f request the attorneys of re the application when known		application to insert into this assignment the filing date and
equivalents in an granted by any ju- foregoing patent Cooperation Tres countries in our r	y country, and all patents is: irisdiction for any of said inv application or patent under I ity, the European Patent Co	suing from such legal equivale rentions and improvements; ar the International Convention for povention, and all other treaties or patents, utility models, and d	ell as continuations and divisionals of said application, all lega ents; all patents, utility models, and design registrations not the right to claim priority based on the filing date of the for the Protection of Industrial Property, the Patent is of like purposes. We authorize the Assignee to apply in all design registrations and like rights of exclusion and for
We hereby state conflict with this		ent, sale, agreement, or encun	nbrance has been or will be made or entered into that would
request and at its legal equivalents relating thereto; a	expense all pertinent facts as may be known and acce and we agree promptly to pe	and documents relating to any essible to us and to testify as to	ves, and assigns to provide to the Assignee promptly upon it y of said inventions and improvements or said patents and o the same in any interference, litigation, or proceeding sign such further applications, assignments, statements, and uate fully this assignment.
Inventor's Signat	ureMarcus Roy		
Witnessed by:	Signature	ATTICLE TO THE RESIDENCE OF THE PARTY OF THE	Date
	Print Name		
Inventor's Signat	ure D. Lim Dennis Markus	René Schmidt	
Witnessed by:	Signature	· · · · · · · · · · · · · · · · · · ·	01/18/2015 Date
	Richard H	lower	<del></del>

PATENT REEL: 035785 FRAME: 0664

Attorney's Docket No.: 13913-0590002 / 2011P00243US01

Inventor's Signature

Basem Suleiman

Witnessed by:

Signature

LYNNE OSULLIVAN

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PATENT REEL: 035785 FRAME: 0665

**RECORDED: 06/04/2015**