503888415 06/24/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3935064

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MR. MASOUD AGHADAVOODI JOLFAEI	12/18/2012
MR. OLIVER LUIK	12/18/2012
MR. EDGAR LOTT	12/18/2012
MR. HELMUT PRESTEL	12/18/2012
MR. BRIAN MCKELLAR	12/19/2012
MR. STEFFEN KNOELLER	12/19/2012

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:	13722529

CORRESPONDENCE DATA

Fax Number: (212)983-3115

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.

Phone: (212) 692-6858

IPDocketingBOS@mintz.com Email:

MINTZ LEVIN **Correspondent Name:**

Address Line 1: **CHRYSLER CENTER** Address Line 2: 666 THIRD AVENUE

Address Line 4: NEW YORK, NEW YORK 10017

ATTORNEY DOCKET NUMBER:	34874-916F01US
NAME OF SUBMITTER:	BORIS A. MATVENKO, ESQ.
SIGNATURE:	/Boris A. Matvenko/
DATE SIGNED:	06/24/2016

PATENT REEL: 039007 FRAME: 0138 503888415

Total Attachments: 5

source=34874-916F01US_RFCS and Assignment#page1.tif source=34874-916F01US_RFCS and Assignment#page2.tif source=34874-916F01US_RFCS and Assignment#page3.tif source=34874-916F01US_RFCS and Assignment#page4.tif source=34874-916F01US_RFCS and Assignment#page5.tif

PATENT REEL: 039007 FRAME: 0139

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)	2. Name and address of receiving party(ies)		
Masoud Aghadavoodi Jolfaei (12/18/2012), Oliver Luik (12/18/2012), Edgar Lott (12/18/2012), Helmut Prestel (12/18/2012), Brian McKellar (12/19/2012) and Steffen	Name: SAP AG		
Knoeller (12/19/2012)	Internal Address:		
Additional name(s) of conveying party(ies) attached? Yes X No	Street Address:		
3. Nature of conveyance/Execution Date(s):			
Execution Date(s) in parentheses after inventor name	Dietmar-Hopp-Allee 16		
X Assignment Merger Change of Name			
Security Agreement Joint Research Agreement	City: Walldorf		
Government Interest Assignment	State:		
Executive Order 9424, Confirmatory License	Country: Germany Zip: D-69190		
Other	Additional name(s) & address(es) attached? Yes X No		
	nent serves as an Oath/Declaration (37 CFR 1.63).		
A. Patent Application No.(s)	B. Patent No.(s)		
13/722,529			
Additional numbers attached?	Yes X No		
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:		
Boris A. Matvenko, Esq. MINTZ LEVIN COHN FERRIS GLOVSKY Name: AND POPEO, P.C.	7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00		
Internal Address:			
	X Authorized to be charged to deposit account		
Street Address: Chrysler Center	Enclosed		
666 Third Avenue	None required (government interest not affecting title)		
City: New York	8. Payment Information		
State: NY Zip: 10017			
Phone Number: (212) 692-6858			
Docket Number: <u>34874-916F01US</u>	Deposit Account Number 50-0311		
Email Address: IPDocketingBOS@mintz.com	Authorized User Name Boris A. Matvenko, Esq.		
9. Signature: /Boris A. Matvenko/	June 24, 2016 Date		
Boris A. Matvenko, Esq 48,165	Total number of pages including		
Name of Person Signing	cover 5 sheet, attachments, and documents:		
	eet) should be faxed to (571) 273-0140, or mailed to: of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450		
Mail Stop Assignment Recordation Services, Director	of the GSF10, F.O.Box 1450, Alexandria, V.A. 22313-1450		

Attorney's Docket No.: 34874-916F01US/120112US01

Customer Number: 64280

ASSIGNMENT

For valuable consideration, I, MASOUD AGHADAVOODI JOLFAEI, OLIVER LUIK, EDGAR LOTT, HELMUT PRESTEL, BRIAN MCKELLAR, STEFFEN KNOELLER, hereby assign to SAP AG, a German Corporation, having a place of business at Dietmar-Hopp-Alice 16, D-69190, Walldorf, Germany, and its successors, and assigns ("the ASSIGNEE") my entire right, title and interest throughout the world in the inventions and improvements that are the subject of a patent document entitled.

ABAP CHANNELS FOR EVENT SIGNALING

which is found in

[X] U.S. patent application filed on Hereto

[X] Under Application No. Not Yet Assigned

[X] Under Attorney Docket No.: 34874-916F01US/120112US01

I 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. I 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.

I 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.

I 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 I 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.

Attorney's Docket No.: 34874-916F01US/120112US01 Customer Number: 64280

Inventor's Signature:		
MASOUD AGHADAVOODI JO		<u>17 12 2012</u> Date
Witnessed by:		
Signature Hare Noc	ana a di A	Date
Print Name		
	And the second s	
Inventor's Signature: OLIVER LUIK	·	<u> 18.12. 20.12 </u> Date
Witnessed by: 900000000000000000000000000000000000		<u> 12. 12.2 o 12</u> Date
TRESTO TIGHTDAY	ODI JOHNET	

Attorney's Docket No.: 34874-916F01US/120112US01 Customer Number: 64280

Inventor's Signature:	
EDGAR LOTT	18 12 2012 Date
Witnessed by: 9 9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	<u> 12 12 2012</u> Date
TASOUN TIGHTADA VOOD I SITA Print Name	
Inventor's Signature:	
HELMUT PRESTEL	18 12 2012 Date
Witnessed by:	18-12-2012
Signature Harc Noe	Date
Print Name	

Attorney's Docket No.: 34874-916F01US/120112US01 Customer Number: 64280

Inventor's Signature:			
Inventor's Signature:	19, 12.	<u> 2012 - San</u>	
BRIAN MCKELLAR	Date		
and the state of t			
Witnessed by:			
9. 7. D. N. K. S.		3012	
Signature	Date		
NASOUD AGUADAVOODI JOHASI			
Print Name			
Inventor's Signature:			
	19.1	<u> 2 - 20 12 </u>	
and the second of the second o	Date		
STEFFEN KNOELLER			
, where 1.3			
Witnessed by:	19. 1	2, <u>2012</u>	
	Date		
Signature	\$1.03.07 		
Marc Noc Print Name			
FIRE ENRIGHE			

Page 4 of 4

7874605v.1

RECORDED: 06/24/2016