PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1   EPAS ID: PAT3318920
Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MASOUD AGHADAVOODI JOLFAEI	06/27/2013
STEFAN BRESCH	06/27/2013
HELMUT PRESTEL	06/27/2013
THORSTEN MARCUS DUNZ	06/27/2013
EDGAR LOTT	06/27/2013
FRANK RADMACHER	07/08/2013
KARSTEN BOHLMANN	06/27/2013

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14465444

CORRESPONDENCE DATA

Fax Number:
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.

Email:	request@slwip.com
Correspondent Name:	SCHWEGMAN LUNDBERG & WOESSNER, P.A.
Address Line 1:	PO BOX 2938
Address Line 4:	MINNEAPOLIS, MINNESOTA 55402

ATTORNEY DOCKET NUMBER:	2058.877US2
NAME OF SUBMITTER:	ERIKA L. WATKINS
SIGNATURE:	/ Erika L. Watkins /
DATE SIGNED:	04/21/2015

Total Attachments: 10
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RECORDATION FORM COVER SHEET
PATENTS ONLY

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Atty Ref/Docket No.: 2058.877US2   Patent and Trademark Office

To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

	2. Name and address of receiving party(ies):
1. Name of conveying party(ies):	
	Name: SAP SE
Masoud Aghadavoodi Jolfaei, Stefan Bresch, Helmut Prestel, Thorsten Marcus Dunz, Edgar Lott, Frank Radmacher, Karsten Bohlmann	Street Address: Dietmar-Hopp-Allee 16
	City: Walldorf, D-69190
Additional name(s) of conveying party(ies) attached?	Country: Germany
[ ]Yes [X]No	Additional name(s) & address(es) attached? [ ]Yes [X]No

3. Nature of conveyance:

[X] Assignment   [ ] Merger
[ ] Security Agreement [ ] Change of Name
[ ] Other

Execution Date: June 27, 2013, June 27, 2013, June 27, 2013, June 27, 2013, June 27, 2013, July 8, 2013, June 27, 2013

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

If this document is being filed together with a new application, the execution date of the application is:

    A. Patent Application No.(s)   B. Patent No.(s)

    Serial No. 14/465,444

Additional numbers attached? [ ]Yes [X]No

5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
	7. Total fee (37 CFR 3.41):$ 0.00
Name: Marc S. Hanish	[]Enclosed
Address:	[]Authorized to be charged to deposit account 19-0743
Schwegman Lundberg & Woessner, P.A.	
P.O. Box 2938	8. Please charge any additional fees or credit any over payments to our Deposit Account No.: 19-0743
Minneapolis, MN 55402--0938	

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9. Statement and signature.
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Marc S. Hanish/Reg. No. 42,626	*[signature]*	4/20/15
Name of Person Signing	Signature	Date

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Total number of pages including cover sheet: 10

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Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents and Trademarks
Mail Stop Assignment Recordation Services
P.O. Box 1450
Alexandria, VA 22313-1450

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PATENT
REEL: 035455 FRAME: 0356

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ASSIGNMENT

WHEREAS, Masoud Aghadavoodi Jolfaei, Stefan Bresch, Helmut Prestel, Thorsten Marcus Dunz, Edgar Lott, Frank Radmacher and Karsten Bohlmann (hereinafter the "Undersigned") have made one or more inventions and other subject matter (hereinafter collectively referred to as the "Invention") which are described in a patent application filed on _____, which application was assigned US patent application serial number _____, and which is titled PROGRAMMING LANGUAGE CONDITIONAL EVENT DISPATCHER.

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency, and adequacy of which are hereby acknowledged by the Undersigned, the Undersigned do hereby irrevocably and unconditionally:

CONVEY, ASSIGN, AND TRANSFER to SAP AG (the "Assignee"), a corporation of the Country of Germany, having a place of business at Dietmar-Hopp-Allee 16, Walldorf D-69190, Germany, the Undersigned's entire right, title, and interest for the United States and all foreign countries and jurisdictions in and to:

the Invention which is disclosed in the above-identified application or applications;

such application or applications, and all divisional, continuing (including continuation-in-part), substitute, renewal, reissue, and all other applications for a patent or patents which have been or shall be filed in the United States (including all provisional and non-provisional applications), and in all foreign countries and jurisdictions based in whole or in part on any of such Invention (including any application for a utility model or an innovation patent application);

all original and reissued patents which have been or shall be issued in the United States and all foreign countries and jurisdictions based in whole or in part on any of such Invention;

including the right to claim priority to the above-identified patent application or applications in relation to subject matter based in whole or in part on the above-identified patent application or applications and any of the foregoing including the right to file foreign applications under the provisions of any convention or treaty;

and including the right to all causes of action, remedies, and other enforcement rights related to the above-identified application or applications, including without limitation the right to sue for past, present, or future infringement, misappropriation, or violation of any and all rights related to the above-identified patent application or applications and any of the foregoing, including the right to obtain and collect damages for past, present, or future infringement;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such invention to the Assignee;

AUTHORIZE AND REQUEST that any attorney associated with U.S. Patent and Trademark Office (USPTO) Customer No. 50400 may (directly or through his/her designee) delete, insert, or alter any

Assignment
Assignors: Masoud Aghadavoodi Jolfaei et al.
Title: PROGRAMMING LANGUAGE CONDITIONAL EVENT DISPATCHER
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Docket No. 3058.877US1
Client Ref. No. 130325US01

information related to the above-identified patent application or applications or any of the foregoing, after execution of this Assignment;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or shall be made to others by the Undersigned, and that the full right to convey the same as herein expressed is possessed by the Undersigned;

COVENANT, that when requested and without compensation, but at the expense of the Assignee, in order to carry out in good faith the intent and purpose of this Assignment, the Undersigned shall (1) execute all provisional, non-provisional, divisional, continuing (including continuation-in-part), substitute, renewal, reissue, and all other patent applications for the Invention; (2) execute all rightful oaths, declarations, assignments, powers of attorney and other papers for the Invention; (3) communicate to the Assignee all facts known to the Undersigned relating to the Invention and the history thereof; (4) cooperate with the Assignee in any interference, reexamination, reissue, opposition, dispute, or litigation involving any of the applications or patents for the Invention; and (5) take such further actions as the Assignee shall reasonably consider necessary or desirable for vesting title to such Invention in the Assignee, or for securing, maintaining and enforcing proper patent protection for the Invention;

COVENANT, that should any provision of this agreement be held unenforceable by an authority of competent jurisdiction, such a ruling shall not affect the validity and enforceability of the remaining provisions. To the extent that any such provision is found to be unenforceable, the Undersigned, when requested and without compensation shall act in good faith to substitute for such provision a new provision with content and purpose as close as possible to the provision deemed unenforceable.

THIS AGREEMENT IS TO BE BINDING on the heirs, assigns, representatives, and successors of the Undersigned, and is to extend to the benefit of the successors, assigns, and nominees of the Assignee.

AGREED as of the date of my signature below:

Assignor:

(Signature): _n.A.P.x.x.x.l.l_

Name: _Masoud Aghadavoodi Jolfaei_

City/State: _Wiesloch, Germany_

Witness: _____ 06/17/2013
                    Signature/Date

Hong-Nghiep Phan
                    Full Name (Printed)

Date: _____

Assignment
Assignors: Masoud Aghadavoodi Jolfaei et al.
Title: PROGRAMMING LANGUAGE CONDITIONAL EVENT DISPATCHER
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Docket No: 2058.877US1
Client Ref. No. 130325US01

Assignor:

(Signature):

Name: <u>Stefan Bresch</u>
City/State: <u>Offenburg, Germany</u>

Date: 6/27/2013

Witness: 6/27 2013

Signature/Date

Full Name (Printed)

PATENT

Assignor:

(Signature): _____

Name: <u>Helmut Prestel</u>

City/State: **Bad Schoenborn, Germany**

Date: _____6/27/2013_____

Witness: _____ 6/27/2013

<div style="text-align:center">Signature/Date</div>

_____

<div style="text-align:center">Full Name (Printed)</div>

Assignment
Assignors: Masoud Aghadavoodi Jolfaei et al.
Title: PROGRAMMING LANGUAGE CONDITIONAL EVENT DISPATCHER
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Docket No: 2058.877US1
Client Ref. No. 130325US01

Assignor:

(Signature):

Name: Thorsten Marcus Dunz
City/State: Schwetzingen, Germany

Date: 27. Jan. 2013

Witness: 6/27 2013
Signature/Date

Karsten Rehlmann
Full Name (Printed)

Assignment
Assignors: Masoud Aghadavoodi Jolfaei et al.
Title: PROGRAMMING LANGUAGE CONDITIONAL EVENT DISPATCHER
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Docket No: 2058.877US1
Client Ref. No. 130325US01

Assignor:

(Signature):

Name: Edgar Lott

City/State: Nussloch, Germany

Date: 06/27/2013

Witness:

Signature/Date 06/27/2013

MASOUD AGHADAVOODI JOLFAEI
Full Name (Printed)

Assignor:

(Signature): _____

      Name: Frank Radmacher_____

      City/State: Heidelberg, Germany

Date: _____July 8, 2013_____

Witness: _____ / 07/08/2013_____
                      Signature/Date

Edgar Lott_____
                    Full Name (Printed)

Assignment
Assignors: Masoud Aghadavoodi Jolfaei et al.
Title: PROGRAMMING LANGUAGE CONDITIONAL EVENT DISPATCHER
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Docket No: 2058.877US1
Client Ref. No. 13632SU801

Assignor:

(Signature):

Name: **Karsten Bohlmann**

City/State: **Rauenberg, Germany**

Date:

Witness:

Signature/Date

MASOUD AGHADAVOODI JALFAEI
Full Name (Printed)