Form PTO-1595 (Rev. 03-09)

U.S. DEPARTMENT OF COMMERCE

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	Name:SAP AG			
Karolin Laicher and Martin Helm	Internal Address:			
Additional name(s) of conveying party(les) attached? Yes 🗷 No				
3. Nature of conveyance/Execution Date(s):	Street Address: <u>Dietmar-Hopp-Allee 16</u>			
Execution Date(s) <u>July 30, 2010</u>				
Assignment Merger				
Security Agreement Change of Name	City: Walldorf			
Joint Research Agreement	State:			
Government Interest Assignment	Country: GermanyZip£9190			
Executive Order 9424. Confirmatory License				
Other	Additional name(s) & address(es) attached? Yes 🛂 No			
4. Application or patent number(s): A. Patent Application No.(s)	document is being filed together with a new application. B. Patent No.(s)			
12/848,011				
Additional numbers at	ached? Yes No			
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:			
Name Michael D. VanLov	7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00			
Internal Address:				
	Authorized to be charged to deposit account			
Street Address:3580 Carmel Mountain Road, Suite 300	Enclosed			
Other Madress. 3300 Carrier intodition 17080, date 555	None required (government interest not affecting title)			
City: San Diego	8. Payment Information			
State:caZip92130				
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Fax Number: (858) 314-1501	·			
Email Address: mdvanlov@mintz.com	Authorized User Name Michael VanLoy			
9. Signature:	August 26, 2010 Date			
Signature	Total a series of aggree including cover			
Michael D. Van Loy, Reg. No. 52,315 Name of Person Signing	sheet, attachments, and documents			

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or malled to: Meil Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

PATENT REEL: 024910 FRAME: 0714 Attorney's Docket No.: 34874-463F01US / 2010P00090US

ASSIGNMENT

We, Karolin Laicher of Rauenberg, Germany, and Martin Helm of Bad Schonborn, Germany; the undersigned, for good and valuable consideration, the receipt of which is hereby acknowledged, confirm that we have sold and assigned, and do hereby assign, sell and transfer to SAP AG, a German Corporation, with offices at Diettmat-Hopp-Allee 16 D-69190, Walldorf, Germany, and to its successors, assigns and legal representatives, collectively hereinafter referred to as the ASSIGNEE: (1) our entire right, title and interest for the United States and in all countries, in and to any and all inventions, discoveries and applications which are disclosed in the application for United States Letters Patent entitled:

STANDARDIZED PROCEDURES FOR IMPLEMENTING SOFTWARE CHANGES

filed with the U.S. Patent and Trademark Office on July 30, 2010 and assigned Application No. 12/848,011¹, including any subsequently filed utility applications, which claim priority to Application No. 12/848,011¹, and including any renewals, revivals, reissues, reexaminations, extensions, continuations and divisions thereof and any substitute applications therefor; (2) the full and complete right to file patent applications in the name of the ASSIGNEE, its designee, or in my/our names as the ASSIGNEE, or its designee's election, on the aforesaid inventions, discoveries and applications in all countries of the world; (3) the entire right, title and interest in and to any Letters Patent which may issue thereon in the United States or in any country, and any renewals, revivals, reissues, reexaminations and extensions thereof, and any patents of confirmation, registration and importation of the same; and (4) the entire right, title and interest in all Convention and Treaty Rights of all kinds thereon, including without limitation all rights of priority in any country of the world, in and to the above inventions, discoveries and applications.

We hereby authorize and request the competent authorities to grant and to issue any and all such Letters Patent in the United States and throughout the world to the ASSIGNEE of the entire right, title and interest therein, as fully and entirely as the same would have been held and enjoyed by us had this assignment, sale and transfer not been made.

We agree, at any time, upon the request of the ASSIGNEE, to execute and to deliver to the ASSIGNEE any additional applications for patents for said inventions and discoveries, or any part or parts thereof, and any applications for patents of confirmation, registration and importation based on any Letters Patent issuing on said inventions, discoveries, or applications and divisions, continuations, renewals, revivals, reissues, reexaminations and extensions thereof.

PATENT REEL: 024910 FRAME: 0715

Any attorney or agent of record and any registered attorney or agent of Mintz, Levin, Cohn, Ferris, Glovsky and Popeo, P.C., One Financial Center, Boston, MA 02111, telephone (617) 542-6000, is hereby authorized to insert, when known.

Attorney Docket No.: 34874-463F01US / 2010P00090US

First Inventor Page 2 of 3 : Karolin Laicher et al.

We further agree at any time to execute and to deliver upon request of the ASSIGNEE such additional documents, if any, as are necessary or desirable to secure patent protection on said inventions, discoveries and applications throughout all countries of the world, and otherwise to do the necessary to give full effect to and to perfect the rights of the ASSIGNEE under this

the necessary to give full effect to and to perfect the rights of the ASSIGNEE under this Assignment, including the execution, delivery and procurement of any and all further documents evidencing this assignment, transfer and sale as may be necessary or desirable.

We hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

We further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

Date: 30.07.2010	
Signature of: Karolin Laicher	
IN WITNESS WHEREOF, I, DR THUSEN THE hereby dec	lare
(Printed Name of Witness)	
that I was personally present and did see the above named person duly sign and execute the assignment.	
(Signature of Witness)	
Date: 30.07.2010	
IN WITNESS WHEREOF, I, HELL THARTON, hereby dec	lare
(Printed Name of Witness) that I was personally present and did see the above named person duly sign and execute the	
assignment tell	
(Signature of Witness)	
(Signature of Witness) Date:	

4986230v.1

	Attorney Docket No.: 34874-463F01US / 2010P00090U		
First Inventor : Karolin Laicher et al.	1	/	
Page 3 of 3 Date: 20.02000	Signature of: Martin	Helm	
0.0	<u></u>	_ ,	
IN WITNESS WHEREOF, I, DR	JANGEN -	, hereby declare tness)	
1.4 (1111/1-422) 3111(4227-7-7-7-7)	(Printed Name of Wi	mess)	
that I was personally present and did see the assignment.	above named person duly	sign and execute the	
(Signature of Witness)			
Date: 30.07. 2010			
IN WITNESS WHEREOF, I. Keye	<u>لنا لماناه</u> (Printed Name of Wi	, hereby deciate	
that I was personally present and did see the	(Printed Ivanic of Wilvier)	sion and execute the	
· ·	, acore trained person day		
assignment.			
(Signature of Witness)			

4986230v.1

Date: <u>30.07,8010</u>

Attorney's Docket No.: 34874-463F01US/2010P00090US

OFFICIAL COMMUNICATION FACSIMILE

TO THE ATTENTION OF:

MAIL STOP ASSIGNMENT

MAIL STOP ASSIGNMENT FAX NO.: (571) 273-0140

Number of pages including this page: 5

Applicants: Karolin Laicher, et al.

Art Unit : 2161

Serial No. : 12/848,011

Examiner : Unknown

Filed : July 30, 2010 Conf. No. : 5072

Title

: STANDARDIZED PROCEDURES FOR IMPLEMENTING SOFTWARE

CHANGES

MAIL STOP ASSIGNMENT RECORDATION SERVICES

Director of the United States Patent and Trademark Office Commissioner for Patents P.O. Box 1450 Mexandria, VA 22313-1450

Attached to this facsimile communication cover sheet is a Recordation Form Cover Sheet and Assignment, faxed this 26th day of August, 2010, to Mail Stop Assignment Recordation Services, U.S. Patent and Trademark Office.

Please apply any charges not covered, or any credits, to Deposit Account No. 50-0311.

Respectfully Submitted,

Date: August 26, 2010

Michael D. Van Loy

Reg. No. 52,315

PTO Customer No. 64280

Mintz, Levin, Cohn, Ferris, Glovsky and Popeo, P.C. 3580 Carmel Mountain Road, Suite 300

San Diego, CA 92130

Telephone: (858) 314-1559

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Email: mdvanloy@mintz.com

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