PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
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NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
John Armitage	08/30/2011

RECEIVING PARTY DATA

Name:	SAP AG
Street Address:	Dietmar-Hopp-Allee 16
City:	Walldorf
State/Country:	GERMANY
Postal Code:	D-69190

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13222372

CORRESPONDENCE DATA

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2058.632US1 ATTORNEY DOCKET NUMBER:

NAME OF SUBMITTER: Dawn R. Shaw

Total Attachments: 4

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REEL: 026837 FRAME: 0355

PATENT

RECORDATION FORM COVER SHEET PATENTS ONLY

Atty Ref/Docket No.: 2058.632US1	Patent and Trademark Office
To the Director of the U.S. Patent and Trademark Office:	Please record the attached original documents or copy thereof.
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):
John Armitage	Name: SAP AG
Additional name(s) of conveying party(ies) attached?	Street Address: Dietmar-Hopp-Allee 16
[]Yes [X]No	City: <u>Walldorf, D-69190</u> Country: <u>Germany</u>
3. Nature of conveyance:	Additional name(s) & address(es) attached? []Yes [X]No
[X] Assignment [] Merger [] Security Agreement[] Change of Name [] Other	
Execution Date: August 30, 2011	
4. Application number(s) or patent number(s):	
If this document is being filed together with a new application August 30, 2011	ation, the execution date of the application is:
A. Patent Application No.(s)	B. Patent No.(s)
Serial No. Unknown, filed Herewith	
Additional numbers attached? []Yes [X]No	
5 N	6. Total number of applications and patents involved: 1
5. Name and address of party to whom correspondence concerning document should be mailed:	7. Total fee (37 CFR 3.41):\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
Name: Elena B. Dreszer	[]Enclosed
Address:	[X]Authorized to be charged to deposit account 19-0743
Schwegman, Lundberg & Woessner, P.A. P.O. Box 2938	
Minneapolis, MN 554020938	8. Please charge any additional fees or credit any over payments to our Deposit Account No.: 19-0743
DO NOT U	SE THIS SPACE
9. Statement and signature. To the best of my knowledge and belief, the foregoing into of the original document.	Formation is true and correctand any attached copy is a true copy
	a Dreszer/ August 31, 2011
Name of Person Signing	Signature Date
٦	Total number of pages including cover sheet: 4

Alexandria, VA 22313-1450

PATENT REEL: 026837 FRAME: 0356

ASSIGNMENT

WHEREAS, I, John Armitage, residing at Berkeley, CA 94708, made certain new and useful inventions and improvements which are described in an application for U.S. Letters Patent entitled <u>METHOD AND SYSTEM FOR GENERATING A COLUMNAR TREE MAP</u>;

WHEREAS, I hereby authorize and request the attorneys, representing SAP AG
on this application, at Schwegman, Lundberg & Woessner, P.A., located at 121 South
Eighth Street, Suite 1600, Minneapolis, MN 55402, to insert here in parentheses (Ser. No.
; Filing Date:) the filing date and application number of
said application when known.

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned do hereby:

SELL, ASSIGN AND TRANSFER to <u>SAP AG</u> (the "Assignee"), a corporation of the Country of <u>Germany</u>, having a place of business at <u>Dietmar-Hopp-Allee 16</u>, <u>Walldorf D-69190</u>, <u>Germany</u>, the entire right, title and interest for the United States and all foreign countries in and to: any and all inventions and improvements which are disclosed in the identified application for U.S. Letters Patent, and which may be further identified below; such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States (including all provisional and non-provisional applications), and in all foreign countries on any of such inventions and/or improvements (including any applications for utility models); all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such inventions and/or improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and to claim priority based on the identified application;

AUTHORIZE AND REQUEST that any attorney associated with U.S. PTO Customer No. 50400 may (directly or through his/her designee) delete, insert, or alter any information identifying this application, or any related application, below, after execution of this Assignment;

Additional Application Information

No Provisional claim for priority is being made at this time.

No U.S. Non-Provisional claim for priority is being made at this time.

No International or foreign claim for priority is being made at this time.

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Title: METHOD AND SYSTEM FOR GENERATING A COLUMNAR TREE MAP Page 2 of 3

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

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and/or property herein conveyed has been or will 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 will (1) execute all provisional, non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; (2) execute all rightful oaths, declarations, assignments, powers of attorney and other papers; (3) communicate to the Assignee all facts known to the undersigned relating to such improvements 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 such improvements; and (5) take such further actions as the Assignee shall reasonably consider necessary or desirable for vesting title to such improvements in the Assignee, or for securing, maintaining and enforcing proper patent protection for such improvements;

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:

Assignment Client Ref. No. 2011P00282US

Docket No: 2058.632US1

Assignors: John Armitage
Title: METHOD AND SYSTEM FOR GENERATING A COLUMNAR TREE MAP

Page 3 of 3

Inventor: 1:

(Signature):

Name: John Armitage

Date:

Witness:

08-30-2011

Signature/Date

ANINDITA

Full Name (Printed)

PATENT

REEL: 026837 FRAME: 0359

RECORDED: 08/31/2011