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PATENTS ONLY

Atty Ref/Docket No.: 2058.537US1

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):  
Jackson Mathai and Johan Christiaan Peters  
Additional name(s) of conveying party(ies) attached?  
 Yes  No

2. Name and address of receiving party(ies):  
Name: SAP AG  
Street Address: Dietmar-Hopp-Allee 16  
Walldorf D-69190 Germany

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other

Additional name(s) & address(es) attached?  Yes  No

Execution Date: December 18, 2009, December 18, 2009

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. 12/642,481, filed December 18, 2009

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Andre L. Marais

Address:

Schwegman, Lundberg & Woessner, P.A.  
P.O. Box 2938  
Minneapolis, MN 55402-0938

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.00

Enclosed

Authorized to be charged to deposit account  
19-0743

8. Please charge any additional fees or credit any over payments to our Deposit Account No.: 19-0743

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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.

Andre L. Marais/Reg. No. 48,095

Name of Person Signing

Signature

03/31/2010

Date

Total number of pages including cover sheet: 4

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

PATENT

REEL: 024172 FRAME: 0081

700433368

CH \$40.00 190743 12642481

Attorney Docket No. 2058.537US1  
Client Ref. No. 2009P00267US

### ASSIGNMENT

WHEREAS, We, Jackson Mathai, residing at Konrad-Zuse-Strasse 8, Heidelberg 69126, Germany, and Johan Christiaan Peters, residing at Hauptstrasse 103, Sankt Leon-Rot 68789, Germany, made certain new and useful inventions and improvements which are described in an application for U.S. Letters Patent entitled OUTPUT PREVIEW FOR A USER INTERFACE;

WHEREAS, We hereby authorize and request the attorneys, representing SAP AG on this application, at Schwégman, Lundberg & Woessner, P.A., located at 121 South Fifth Street, Suite 1600, Minneapolis, MN 55402, to insert here in parentheses (Ser. No. 12/642,481; Filing Date: Dec 18, 2009) 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 SAP AG (the "Assignee"), a corporation of the State of Germany, having a place of business at Dietmar-Hopp-Allee 16, Walldorf D-69190, Germany, 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.*

Assignment  
Client Ref. No. 2009P00267US  
Assignors: Jackson Mathai et al  
Title: OUTPUT PREVIEW FOR A USER INTERFACE  
Page 2 of 3

Docket No. 205A 577591

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. 2009P00267US  
Assignors: Jackson Mathai et al.  
Title: OUTPUT PREVIEW FOR A USER INTERFACE  
Page 3 of 3

Docket No: 2038 537US1

Inventor: 1:

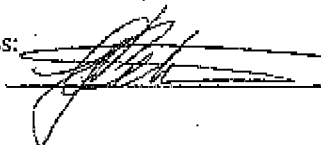
(Signature):

  
Name: Jackson Mathai

Date:

18-12-09

Witness:

  
Signature/Date 18.12.2009

JOHAN CHRISTIAAN PETERS  
Full Name (Printed)

Inventor: 2:

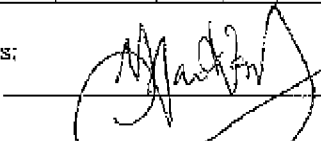
(Signature):

  
Name: Johan Christiaan Peters

Date:

18-12-2009

Witness:

  
Signature/Date 18-12-09

JACKSON MATHAI  
Full Name (Printed)

**SCHWEGMAN ■ LUNDBERG ■ WOESSNER**  
 PATENT, TRADEMARK & COPYRIGHT ATTORNEYS

P.O. Box 2938

Minneapolis, MN 55402

Telephone (612) 373-6900

Facsimile (612) 339-3061

Date: March 31, 2010

Time: 1:03 P.M.  
 (Minneapolis, Minn.)

TO: Commissioner for Patents  
 Attn: Assignment Recordation Services  
 Patent Examining Corps  
 Facsimile Center  
 P.O. Box 1450  
 Alexandria, VA 22313-1450  
**FAX NUMBER 571-273-0140**

FROM: Andre L. Marais

OUR REF: 2058.537US1

Documents Transmitted:

**Assignment (3 pages), Assignment Recordation Form Cover Sheet (1 page), authorization to charge Deposit Account No. 19-0743 in the amount of \$40.00 to cover the Assignment Recording Fee.**

Total pages of this transmission, including cover letter: (5 pgs)

If you do NOT receive all of the pages described above, please telephone us at 612-373-6900 or fax us at 612-339-3061.

In re. Patent Application of: Jackson Mathai et al.

Serial No.: 12/642,481

Filed: December 18, 2009

Title: OUTPUT PREVIEW FOR A USER INTERFACE

Examiner:

Group Art Unit: 2173

Docket No.: 2058.537US1

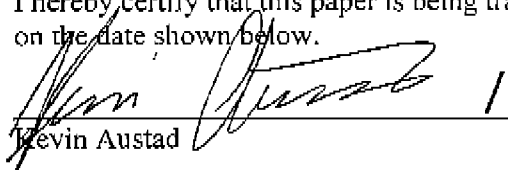
Please charge any additional fees or credit overpayment to Deposit Account No. 19-0743.

By: 

Name: Andre L. Marais

Reg. No. 48,095

I hereby certify that this paper is being transmitted by facsimile to the U.S. Patent and Trademark Office on the date shown below.

  
 Kevin Austad

3/31/10

Date