

RECORDATION FORM COVER SHEET  
PATENTS ONLY

Atty Ref/Docket No.: 2058.004US1

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):

El Hachemi AliKacem, Sergiy Boroday, Flesham Hallal,  
Alexandre Petrenko, William Patrick Tunney

Additional name(s) of conveying party(ies) attached?

[ ] Yes [X] No

3. Nature of conveyance:

- Assignment       Merger
- Security Agreement    Change of Name
- Other

Execution Date: February 28, 2005, February 28, 2005,  
February 28, 2005, February 28, 2005, July 6, 2005

2. Name and address of receiving party(ies):

Name: SAP AG

Street Address: Dietmar-Hopp-Allee 16

City: Walldorf, D-69190

Country: Germany

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

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. 11/069,111, filed February 28, 2005

Additional numbers attached? [ ] Yes [X] No

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

Name: Joseph P. Mehrle

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

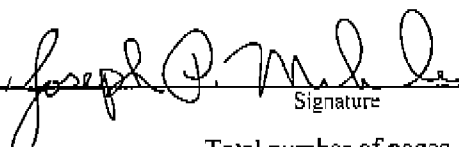
8. Please charge any additional fees or credit any over payments to our Deposit Account No.: 19-0743

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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.

Joseph P. Mehrle/Reg. No. 45,535  
Name of Person Signing



Signature

09-13-2010

Date

Total number of pages including cover sheet: 7

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: 024979 FRAME: 0603

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CH \$40.00 190743 11069111

## ASSIGNMENT

WHEREAS, We, El Hachemi AliKacem, residing at 169 rue Belanger, Montreal, QUEBEC H2S 1E2, Canada, and Sergiy Boroday, residing at 4555 Saint-Kevin #204, Montreal, QUEBEC H3T 1J1, Canada, and Hesham Hallal, residing at 4530 Cote des Neiges #1010, Montreal, QUEBEC H3V 1G1, Canada, and Alexandre Petrenko, residing at 530 Cote Vertu #501, Montreal, QUEBEC H4L 1X9, Canada, and William Patrick Tunney, residing at 11 Jordan Dr., Toms River, NJ 08755, made certain new and useful inventions and improvements for which we executed an application for Letters Patent of the United States on even date herewith, which is entitled ANTIPATTERN DETECTION PROCESSING FOR A MULTITHREADED APPLICATION;

AND WHEREAS, SAP Aktiengesellschaft, a corporation organized and existing under and by virtue of the laws of Germany, and having an office and place of business at Neurottstrasse 16, Walldorf, 69190 Germany (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted there from; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

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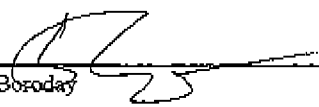
AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore, we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

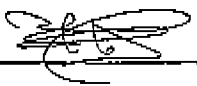
IN TESTIMONY WHEREOF, I have hereunto set my hand this 28 day of February, 2005.

  
\_\_\_\_\_  
El Hachem AitKacem

IN TESTIMONY WHEREOF, I have hereunto set my hand this 28 day of February, 2005.

  
\_\_\_\_\_  
Sergiy Boroday

IN TESTIMONY WHEREOF, I have hereunto set my hand this 28 day of February, 2005.

  
\_\_\_\_\_  
Hesham Hallal

IN TESTIMONY WHEREOF, I have hereunto set my hand this 28 day of February, 2005.

  
\_\_\_\_\_  
Alexandre Petrenko

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Filing Date : even date herewith  
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IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_ day of \_\_\_\_\_, 2010.

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William P. Tunney

## ASSIGNMENT

WHEREAS, We, El Hachemi AliKacem, residing at 169 rue Belanger, Montreal, QUEBEC H2S 1E2, Canada, and Sergiy Boroday, residing at 4555 Saint-Kevin #204, Montreal, QUEBEC H3T 1J1, Canada, and Hesham Hallal, residing at 4530 Cote des Neiges #1010, Montreal, QUEBEC H3V 1G1, Canada, and Alexandre Petrenko, residing at 530 Cote Vertu #501, Montreal, QUEBEC H4L 1X9, Canada, and William Patrick Tunney, residing at 11 Jordan Dr., Toms River, NJ 08755, made certain new and useful inventions and improvements for which we executed an application for Letters Patent of the United States on even date herewith, which is entitled ANTIPATTERN DETECTION PROCESSING FOR A MULTITHREADED APPLICATION;

AND WHEREAS, SAP Aktiengesellschaft, a corporation organized and existing under and by virtue of the laws of Germany, and having an office and place of business at Neurottstrasse 16, Walldorf, 69190 Germany (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted there from; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

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AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore, we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_ day of \_\_\_\_\_, 2010.

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El Hachemi AliKacem

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_ day of \_\_\_\_\_, 2010.

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Sergiy Boroday

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_ day of \_\_\_\_\_, 2010.

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Hesham Hallal

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_ day of \_\_\_\_\_, 2010.

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Alexandre Petrenko

