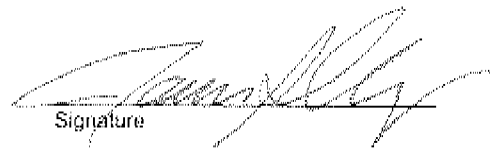


Substitute Form PTO-1595  
 Attorney Docket No.: 13913-312001  
 Client's Ref. No.: 2005P00874 US

## RECORDATION FORM COVER SHEET PATENTS ONLY

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| 1. Name of conveying party(ies):<br>Victor V. Shaburov<br>Additional name(s) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  | 2. Name and address of receiving party(ies):<br>SAP AG<br>Dietmar-Hopp-Allee 16<br>69190 Walldorf<br>Germany<br><br>Additional names/addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  |
| 3. Nature of conveyance:<br><input checked="" type="checkbox"/> Assignment<br><input type="checkbox"/> Merger<br><input type="checkbox"/> Security Agreement<br><input type="checkbox"/> Change of Name<br><input type="checkbox"/> Other:<br><br>Execution Date: 05/17/2006  |   |
| 4. Application number(s) or patent number(s):<br>If this document is being filed with a new application, the execution date of the application is:<br><div style="display: flex; justify-content: space-between;"> <div style="width: 45%;">           A. Patent Application No(s):<br/>               11/322,622         </div> <div style="width: 45%;">           B. Patent No(s):         </div> </div><br>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |   |
| 5. Name/address of party to whom correspondence concerning document should be mailed:<br><br>JAMES P. CLEARY<br>Fish & Richardson P.C.<br>12390 El Camino Real<br>San Diego, California 92130   | 6. Total number of applications/patents involved: 1<br><br>7. Total fee (37 CFR §3.41): \$40<br><input type="checkbox"/> Enclosed<br><input checked="" type="checkbox"/> Authorized to charge Deposit Account.<br><br>8. Deposit Account No.: 06-1050<br>Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050. |
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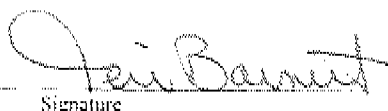
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### CERTIFICATE OF TRANSMISSION BY FACSIMILE

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5/17/06  
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ASSIGNMENT

For valuable consideration, I, Victor V. Shaburov, hereby assign to SAP AG, a German Corporation, having a place of business at Dietmar-Hopp-Allee 16, 69190 Walldorf, Germany, and its successors, and assigns (collectively, "the ASSIGNEE") my entire right, title and interest throughout the world in the inventions and improvements that are subject of a patent document entitled

Distribution of Data Changes in Pattern Configurations,

which is found in the

U.S. patent application filed on 12/30/2005

[X] under Application No. 11/322,622.

I authorize and request the attorneys of record or the attorney filing the application to insert into this assignment the filing date and serial number of the application when known.

This assignment includes the foregoing patent application or patent, all legal equivalents in any country, and all patents issuing from such legal equivalents; all patents, utility models, and design registrations granted by any jurisdiction for any of said inventions and improvements; and the right to claim priority based on the filing date of the foregoing patent application or patent under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes. I authorize the Assignee to apply in all countries in my name or in its own name for patents, utility models, and design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements.

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

I hereby state and agree that no assignment, sale, agreement, or encumbrance has been or will be made or entered into that would conflict with this assignment.

I further agree for myself and my heirs, legal representatives, and assigns to provide to the Assignee promptly upon its request and at its expense all pertinent facts and documents relating to any of said inventions and improvements or said patents and legal equivalents as may be known and accessible to me and to testify as to the same in any interference, litigation, or proceeding relating thereto; and I agree promptly to perform such lawful acts and to sign such further applications, assignments, statements, and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Inventor's Signature

VICTOR V. SHABUROV

Witnessed by:

Signature

Print Name

Date

17 May 2006

Le Thuy Bui Thi

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