Title: SECURELY ENABLING NATIVE CODE EXECUTION ON A JAVA ENABLED SUBSCRIBER DEVICE

Abstract: A J2ME application (18) stored in memory (14) of a subscriber device (10) includes a Java Native Framework application program interface (24) for providing execution of Framework native code (21) and subscriber device native code (20). An instantiation process (300) determines if the J2ME application (18) has a primary key and accordingly initializing a registration database (48). A registration process (400) registers the Framework native code (21) in the registration database according to an assigned entry identification and dynamically links the Framework native code (21) with subscriber device native code (20), if needed. An execution process (300) executes the Framework native code (21) when the Java Native Framework application program interface is run by the J2ME application (18).
before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(88) Date of publication of the international search report:
8 December 2005
INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER
   IPC(7) : G06F 9/44
   US CL. : 717/168
   According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELD SEARCHED
   Minimum documentation searched (classification system followed by classification symbols)
   U.S. : 717/168

   Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
   Examiner Digest

   Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
   Please See Continuation Sheet

C. DOCUMENTS CONSIDERED TO BE RELEVANT

<table>
<thead>
<tr>
<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Y</td>
<td>THOMAS, Anar, Enterprise JAVABHANS Technology Server Component Model for JAVA Platform, December 1998, pages 16 and 20</td>
<td>1-10</td>
</tr>
<tr>
<td>Y</td>
<td>OMG, CORBA Components, December 21, 1998, see pages 1-1 to 1-2, 5-100 to 5-102, 6-100 to 6-122</td>
<td>1-10</td>
</tr>
</tbody>
</table>

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

Date of the actual completion of the international search: 21 August 2005 (21.08.2005)

Date of mailing of the international search report: 14 OCT 2005

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Continuation of Item 4 of the first sheet:
SECURELY ENABLING NATIVE CODE EXECUTION ON A JAVA ENABLED SUBSCRIBER DEVICE

Continuation of B. FIELDS SEARCHED Item 3:
WEST
World Wide Web