METHOD AND APPARATUS FOR MANAGING RESOURCES STORED ON A COMMUNICATION DEVICE

Resources at a communication device having its own memory device are managed. Available space on the memory device of the communication device is checked (320) and compared against a predetermined amount (340). If the available space is less than the predetermined amount, a cleanup request is sent and received (350) at the communication device over a bandwidth-limited connection. Data stored at the memory device (104) of the communication device is deleted based on the cleanup request (360). An available-space indicator is sent from the communication device (370).
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:
17 June 2004
INTERNATIONAL SEARCH REPORT

INTERNATIONAL APPLICATION No.
PCT/US03/25874

A. CLASSIFICATION OF SUBJECT MATTER
IPC(7) : G06F 15/177
US CL : 709/221

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED
Minimum documentation searched (classification system followed by classification symbols)
U.S. : 709/221

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

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

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>X, P</td>
<td>US 2003/010190 A1 (ACHIWA et al) 12 June 2003 (12.06.2003), column 1, paragraph 0005; column 4, paragraph 0048, 0049; column 5, paragraph 0059; column 6, paragraph 0077.</td>
<td>2, 4, 5, 10, 13, 14, 18, 19, 24, 27, 32, 34</td>
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<td>X, P</td>
<td>US 2003/0051273 A1 (HAYDUK) 27 March 2003 (27.03.2003), column 1, paragraph 0011; column 2, paragraph 0012, 0017.</td>
<td>4, 13, 18, 27, 32</td>
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<td>A</td>
<td>US 2002/0083160 A1 (MIDDLETION) 27 June 2002 (27.06.2002), column 1, paragraphs 0002-0006.</td>
<td>1, 9, 16, 23, 30</td>
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<td>A, P</td>
<td>US 6,490,616 B1 (MARYKA et al) 03 December 2002 (03.12.2002), column 2, lines 43-61; column 4 lines 41-57.</td>
<td>1, 9, 16, 23, 30</td>
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<td>X</td>
<td>US 6,032,227 A (SHAHEEN et al.) 29 February 2000 (29.02.2000), column 2 lines 3-28, 41-67; column 3, lines 1-38.</td>
<td>1, 9, 16, 23, 30</td>
</tr>
</tbody>
</table>

[X] Further documents are listed in the continuation of Box C. [□] See patent family annex.

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Date of the actual completion of the international search
04 March 2004 (04.03.2004)

Date of mailing of the international search report
05 APR 2004

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## INTERNATIONAL SEARCH REPORT

### C. (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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<tr>
<td>X</td>
<td>US 5,813,015 A (PASCOE) 22 September 1998 (22.09.1998), column 1, lines 14-44; column 3, lines 15-38.</td>
<td>1, 3, 9, 16, 17, 23, 30, 31</td>
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</tbody>
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