Title: OPERATING ON TIME SEQUENCES OF DATA

Abstract:

The present invention relates to operating on time sequences of data. In particular, the invention relates to the display of changeable images on a display device. The present invention further relates to methods and computer-readable storage mediums for operating on changeable images displayed on a display device using a graphical interface.

The invention provides a method for operating on a changeable image displayed on a display device as follows. The method comprises:

1. Receiving an operation command for changing an attribute of the changeable image by a user;
2. Reading a changeable image stored in a non-volatile memory of the display device;
3. Calculating a changeable image parameter based on the operation command and the image attribute information;
4. Updating the changeable image parameter in the non-volatile memory of the display device;
5. Displaying the changeable image with the updated parameter on the display device.

The invention also provides a computer-readable storage medium storing a program executable by a computer, the program implementing the above method.
# PATENT COOPERATION TREATY

**PCT**

**DECLARATION OF NON-ESTABLISHMENT OF INTERNATIONAL SEARCH REPORT**

(PCT Article 17(2) (a), Rules 13fer.1 (c) and Rule 39)

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<tr>
<th>Applicant’s or agent’s file reference</th>
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| International Patent Classification (IPC) or both national classification and IPC | |
| G06F1 7/30 | |

**Applicant**

HEWLETT-PACKARD DEVELOPMENT COMPANY, LP.

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This International Searching Authority hereby declares, according to Article 17(2)(a), that no international search report will be established on the international application for the reasons indicated below:

1. [ ] The subject matter of the international application relates to:
   a. [ ] scientific theories
   b. [ ] mathematical theories
   c. [ ] plant varieties
   d. [ ] animal varieties
   e. [ ] essentially biological processes for the production of plants and animals, other than microbiological processes and the products of such processes
   f. [ ] schemes, rules or methods of doing business
   g. [ ] schemes, rules or methods of performing purely mental acts
   h. [ ] schemes, rules or methods of playing games
   i. [ ] methods for treatment of the human body by surgery or therapy
   j. [ ] methods for treatment of the animal body by surgery or therapy
   k. [ ] diagnostic methods practised on the human or animal body
   l. [ ] mere presentations of information
   m. [ ] computer programs for which this International Searching Authority is not equipped to search prior art

2. [x] The failure of the following parts of the international application to comply with prescribed requirements prevents a meaningful search from being carried out:
   - [x] the description
   - [x] the claims
   - [ ] the drawings

3. [ ] A meaningful search could not be carried out without the sequence listing; the applicant did not, within the prescribed time limit:
   - [ ] furnish a sequence listing on paper complying with the standard provided for in Annex C of the Administrative Instructions, and such listing was not available to the International Searching Authority in a form and manner acceptable to it.
   - [ ] furnish a sequence listing in electronic form complying with the standard provided for in Annex C of the Administrative Instructions, and such listing was not available to the International Searching Authority in a form and manner acceptable to it.
   - [ ] pay the required late furnishing fee for the furnishing of a sequence listing in response to an invitation under Rule 13fer.1 (a) or (b).

4. Further comments:

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Name and mailing address of the International Searching Authority:

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Form PCT/ISA/203 (July 2009)
The present application contains 65 claims, of which 19 are independent. Thus, claims 1, 16, 28, 29, 39, 44, 45, 49, 50 (9 claims) are all independent method claims defining different embodiments. These method claims correspond to claims 56-64, which relate to a computer storage medium encoded with a computer program. There is no clear distinction on between the independent claims because of partially overlapping scope (compare e.g. claims 16 and 29 which differ only slightly). There are so many claims, and they are drafted in such a way that the claims as a whole are not in compliance with the provisions of clarity and conciseness of Article 6 PCT, as it is particularly burdensome for a skilled person to establish the subject-matter for which protection is actually sought.

It is further pointed out that there is no reasonable basis in the application on that clearly indicates the subject-matter which might be expected to form the subject of the claims later in the procedure. In this respect, it is pointed out that the description on enumerates the "inventive aspects" to which independent claims relate (e.g. page 1, lines 1-22 seem to correspond to claim 1; page 2, lines 14-23 seem to correspond to claim 16 etc.). The first aspect is introduced by the phrase "In general, one innovative aspect of the subject matter described in this specification can be embodied in computer-implemented methods (...)
" (see the description on: page 1, lines 14-15) and other 8 aspects are introduced by the phrase"In general, another innovative aspect of the subject matter described in this specification can be embodied in computer-implemented methods (...)
" (see the description on: page 3, lines 10-11; page 4, lines 11-12 etc.).

Thus, since none of 9 embodiments, defined by the independent claims, is shed by an explicit indication, in view of the drafting of the claims an expected fallback position could not be determined.

Hence, the non-compliance with the substantive provisions is regarded to be to such an extent that a meaningful search of the whole claimed subject-matter could not be carried out (Article 17(2) PCT and PCT Guidelines 9.30).

The applicant's attention is drawn to the fact that claims relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EP0 policy when acting as an International Preliminary Examination Authority is normally not to carry out a preliminary examination on matters which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure. If the application proceeds into the regional phase before the EP0, the applicant is reminded that a search may be carried out during examination before the EP0 (see EP0 Guidelines C-VI, 8.2), should the problems which led to the Article 17(2) declaration be overcome.