Title: DEVICE SPECIFIC CONTENT INDEXING FOR OPTIMIZED DEVICE OPERATION

Abstract: Generation of an index database that is customized for a specific responder device using device parameters of the responder device is provided. The index database is generated on a device other than the responder device. In accordance with one method, an indication of a selection of objects is received. Device parameters of the responder device are also accessed. An index database is generated for the selection of objects using the device parameters of the responder device. The index database may then be transferred to the responder device.
INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER
IPC: G06F 7/00 (2006.01)

USPC: 707/104.1
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. : 707/104.1

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>
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<tbody>
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<td>14</td>
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</table>

☐ Further documents are listed in the continuation of Box C. ☐ See patent family annex.

* Special categories of cited documents:
  "A" document defining the general state of the art which is not considered to be of particular relevance
  "B" document considered to be of particular relevance
  "C" document earlier application or patent published on or after the international filing date
  "D" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
  "E" document referring to an oral disclosure, use, exhibition or other means
  "F" document published prior to the international filing date but later than the priority date claimed
  "G" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
  "H" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
  "I" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
  "K" document member of the same patent family

Date of the actual completion of the international search
02 April 2008 (02.04.2008)

Authorized officer
Charles Rones
Telephone No. 571-272-2100

Form PCT/ISA/210 (second sheet) (April 2007)
### INTERNATIONAL SEARCH REPORT

#### Box No. II  Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.: 15, 19, and 20 because they relate to subject matter not required to be searched by this Authority, namely:
   Please See Continuation Sheet

2. ☐ Claims Nos.: because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:

3. ☐ Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

#### Box No. III  Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.

2. ☐ As all searchable claims could be searched without effort justifying additional fees, this Authority did not invite payment of any additional fees.

3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:

4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

**Remark on Protest**

- ☐ The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.
- ☐ The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.
- ☐ No protest accompanied the payment of additional search fees.

Form PCT/ISA/210 (continuation of first sheet(2)) (April 2007)
Box II Observations where certain claims were found unsearchable I. because they relate to subject matter not required to be searched by this Authority, namely:

The claims 15 and 19 fail to place the invention squarely within one statutory class of invention. On page 6 and 7, paragraph [0023] of the instant specification, applicant has provided evidence that applicant intends the "medium" to include signals. As such, the claim is drawn to a form of energy. Energy is not one of the four categories of invention and therefore this claim(s) is/are not statutory.

Energy is not a series of steps or acts and thus is not a process. Energy is not a physical article or object and as such is not a machine or manufacture. Energy is not a combination of substances and therefore not a composition of matter.

In claim 20, 'a system for generating an index...based on at least one device parameter of a responder device' is being recited. The limitations of 'device parameter component' could reasonably be a software component and 'the responder device' is part of the intended use. Please see applicant's original specification on page 15 and 18, paragraph [0043] and paragraph [0051] (e.g. index database have been downloaded......and a device parameter...a wide variety of software characteristics...etc.). Computer program/software are not statutory, since there is no structure recited within to realize the program functionality.