(54) Title: SYSTEM MANAGEMENT BUS FOR PERIPHERAL DEVICE INITIALIZATION

(57) Abstract: A method and device are provided for retrieving system data needed for boot up and/or wake-up. A bus hub (40) is provided that retrieves needed data prior to such data being requested by the processor (10). The bus hub (40) then stores the data. When a request is received for the data from the processor (10), the bus hub (40) responds by sending the stored data.
Published:
— with international search report (Art. 21(3))
— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))
### INTERNATIONAL SEARCH REPORT

**PCT/US2013/047014**

**Classification of Subject Matter**

- INV. G96F9/44
- G06F11/22
- GQ6F13/40
- G06F13/36
- G06F12/02

**Fields Searched**

- EPO-Internal
- WPI Data

**Documents Considered to be Relevant**

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<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
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| X        | WO 2011/148484 A1 (FUJITSU LTD)  
figures 2,4  
paragraphs [0026], [0027], [0028]  
paragraphs [0057], [0058]  
paragraph [0053] | 1-13,15,  
28-35 |
| Y        | US 2013/042047 A1 (NISHIO MASAIRO [JP])  
figures 2,4  
paragraphs [0048]-[0050]  
paragraph [0075]  
paragraphs [0080]-[0081] | 1-13,15,  
28-35 |
12 June 2003 (2003-06-12)  
paragraph [0022] | 14 |
| Y, P     | US 2003/027509 A1 (FUJITSU LTD)  
figures 2,4  
paragraphs [0027]-[0030]  
paragraph [0080]  
paragraphs [0081]-[0082] | 14 |

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

**Date of the actual completion of the international search**

- 6 June 2014

**Date of mailing of the international search report**

- 28/08/2014

**Name and mailing address of the ISA/Authorized officer**

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NL-2280 HV Rijswijk  
Tel (+31-70) 340-2040,  
Fax (+31-70) 340-3048

- Kamps, Stefan
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<td>Y</td>
<td>US 2006/010313 AI (CHU HSU M [TW] ET AL) 12 January 2006 (2006-01-12) figure 3</td>
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</table>
### 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.: because they relate to subject matter not required to be searched by this Authority, namely:

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 64(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:

- see additional sheet

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 an additional fees, this Authority did not invite payment of additional fees.

3. □ As only some of the required additional search fees were timely paid by the applicant, this international search report covers:

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.: 1-15, 28-35

**Remark on Protest**  
- The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.
- No protest accompanied the payment of additional search fees.

Form: PCT/ISA/21 0 (continuation of first sheet (2)) (April 2005)
This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-15, 28-35

The special technical features of the first invention consists of:
- the information is information about a first device;
- upon a request from a processor the stored information is sent to the processor.

The first invention solves the problem of providing information about a device to a processor.

2. claims: 16-23

The special technical features of the second invention consists of:
- the information is settings for a first device received from a processor, wherein the first settings are enacted by issuing instructions to the first device.

The second invention solves the problem of enacting settings for a device.

3. claims: 24-27

The special technical features of the third invention consists of:
- the information is information received from a system component;
- the bus hub has dedicated ports for communicating with a system component and a processor respectively.

The third invention solves the problem of providing communication means between a system component and a processor.
## INTERNATIONAL SEARCH REPORT

Information on patent family members

<table>
<thead>
<tr>
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