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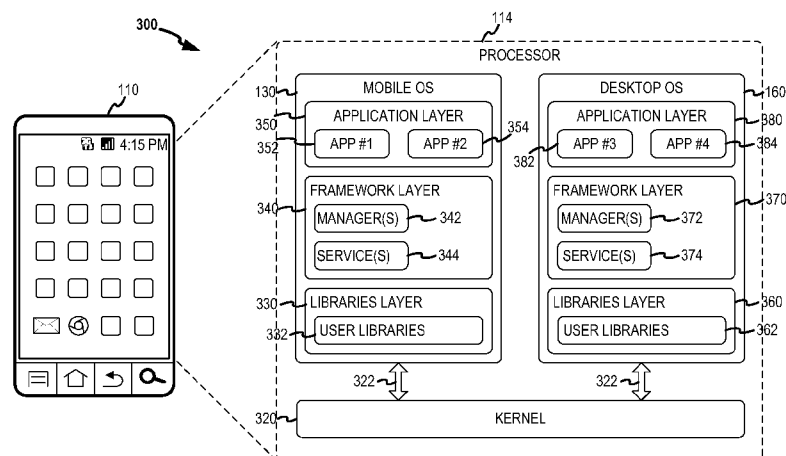
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(54) Title: DYNAMIC CROSS-ENVIRONMENT APPLICATION CONFIGURATION



(57) Abstract: Dynamic configuration of cross-environment applications enhances the computing experience in a computing environment with an extended active user environment and/or multiple active user environments. A mobile computing device maintains multiple active device configurations associated with multiple active user environments and/or application windows within active user environments. Device configuration qualifiers are determined from a variety of sources including device characteristics, device indicators, user settings, and/or application presentation. The mobile computing device selects active resource sets for applications based on the device configuration qualifiers. Application presentation is dynamically updated by disestablishing an application screen and establishing a new active application screen using a different resource set. The mobile computing device may be a smart-phone running the Android mobile operating system and a full desktop Linux distribution on a modified Android kernel.

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2012/046800**A. CLASSIFICATION OF SUBJECT MATTER****G06F 3/048(2006.01)i, G06F 3/14(2006.01)i, G06F 9/44(2006.01)i**

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)

G06F 3/048; G06F 9/445; G06F 3/00; G06F 9/46; G06F 3/041

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

Korean utility models and applications for utility models

Japanese utility models and applications for utility models

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

eKOMPASS(KIPO internal) & Keywords: OS, operating system, concurrent, share*, kernel, mobile, active, application, dynamic*

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2011-0126216 A1 (GALICIA JOSHUA D. et al.) 26 May 2011 See paragraphs [0005]–[0047], [0051]; figures 2,3,6–8,12.	1–19
Y	US 2007-0271522 A1 (KYOUNG-HO SON, et al.) 22 November 2007 See paragraphs [0089]–[0111]; figures 6A,6B,7,8.	1–19
Y	US 2008-0244599 A1 (HODSON ORION et al.) 02 October 2008 See paragraphs [0028]–[0059]; figures 3–5.	1–19
A	US 7880728 B2 (DE LOS REYES AUGUST et al.) 01 February 2011 See col.5 line 1–col.8 line 24; figures 3–6.	1–19
A	US 7950008 B2 (BHIDE MANISH ANAND et al.) 24 May 2011 See col.1 line 46–col.8 line 60; figure 1.	1–19

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

* Special categories of cited documents:

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"T" 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

"X" 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

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"&" document member of the same patent family

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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