Title: CONTEXTUAL CONTROL OF DYNAMIC INPUT DEVICE

Abstract: A computing system includes one or more input-device user-interface runtime applications to dynamically display images on a dynamic input device. The one or more input-device user-interface runtime applications are executed in a currently active desktop. The computing system further includes a dominant application configured to execute in the currently active desktop. The dominant application is configured to specify an input-device user-interface runtime application corresponding to a current context of the dominant application. The specified input-device user-interface runtime application is configured to dynamically display virtual controls on the dynamic input device. The specified input-device user-interface runtime application is also configured to report activation of the virtual controls to the dominant application.
Declarations under Rule 4.17:
— as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(iii))
— as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(ii))

Published:
— with international search report (Art. 21(3))
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INTERNATIONAL SEARCH REPORT

International application No. PCT/US2011/039321

A. CLASSIFICATION OF SUBJECT MATTER

G06F 3/01(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 3/01; G06F 3/048; G06F 3/14; G06F 3/00; G09G 5/00

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: input focus, application, virtual input, etc.

c. DOCUMENTS CONSIDERED TO BE RELEVANT

<table>
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<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
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<td>Y</td>
<td>US 2006-0152496 AI (BRITISH COLUMBIA LTD.) 13 July 2006 See paragraphs [0050]-[0054] , [0120]-[0149] ; and figures 8, 21-25.</td>
<td>1-9</td>
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<td>Y</td>
<td>US 2008-0320410 AI (WHYTOCK JOHN CHRISTOPHER et al.) 25 December 2008 See paragraphs [0035]-[0082] ; and figures 1A-4.</td>
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<td>A</td>
<td>US 6677933 B1 (YOGARATNAM; KUMANAN) 13 January 2004 See column 4, line 58 - column 8, line 38 ; and figures 4-12 .</td>
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<td>A</td>
<td>US 7577915 B2 (HUNTER JIM et al.) 18 August 2009 See column 2, line 25 - column 6, line 17 ; and figures 1-4 .</td>
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Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:
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Date of the actual completion of the international search

07 FEBRUARY 2012 (07.02.2012)

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09 FEBRUARY 2012 (09.02.2012)

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<td>US 6677933 B1</td>
<td>13.01.2004</td>
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<td>US 2007-180427 A1</td>
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