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(54) Title: COMPOSITING DESKTOP WINDOW MANAGER

(57) Abstract: A method and system for rendering a desktop on a computer using a composited desktop model operating system are disclosed. A composited desktop window manager (190), upon receiving content information from application programs (191), draws the window to a buffer memory for future reference, and takes advantage of advanced graphics hardware and visual effects to render windows based on content on which they are drawn. The windows may also be rendered based on environment variables including virtual light sources. The frame portion of each window may be generated by pixel shading a bitmap having the appearance of frosted glass based on the content of the desktop on top of which the frame is displayed. Legacy support (192) is provided so that the operating system can draw and render windows generated by legacy applications to look consistent with non-legacy application windows.

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/US04/18940

A. CLASSIFICATION OF SUBJECT MATTER
IPC: **G09G 5/00**(2006.01)

USPC: 345/619,650,661
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. : 345/619,650,661

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

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X,T	US 2005/0071804 A1 (Miserocchi) 31 Mar 2005, Figures 1-7, whole document.	1-48
X,T	US 2005/0275661 A1 (Cihula et al.) Dec.15 2005, Figures 1-5, whole document.	1-48
X, P	US 2004/0075670 A1 (Bezine et al.) 22 Apr. 2004, Figures 1-9, whole document.	1-48

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