

EXHIBIT L



(12) **United States Patent**
Orr

(10) **Patent No.:** US 6,784,879 B1
(45) **Date of Patent:** Aug. 31, 2004

(54) **METHOD AND APPARATUS FOR PROVIDING CONTROL OF BACKGROUND VIDEO**

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(75) **Inventor:** Stephen Jonathan Orr, East York (CA)

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(73) **Assignee:** ATI Technologies Inc., Markham (CA)

Primary Examiner—Vijay Shankar
(74) *Attorney, Agent, or Firm*—Wedder, Price, Kaufman & Kammholz, P.C.

(*) **Notice:** Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

(57) **ABSTRACT**

A method and apparatus for controlling background video on a computer display is accomplished by providing a video control icon, which is visible on the display. The video control icon relates to the live video being displayed as the background. Once selection of the video control icon has been detected, the computer displays a control panel for the live video while the live video remains in the background. As such, when a user desires to change an attribute of the live video, the user selects the video control icon which pops up a control panel. The user then makes an adjustment via the control panel to the live video and once such an adjustment is made, the control panel is removed from the screen. All this done while the live video remains in the background, thus other applications that were in focus remain in focus.

(21) **Appl. No.:** 08/892,472
(22) **Filed:** Jul. 14, 1997

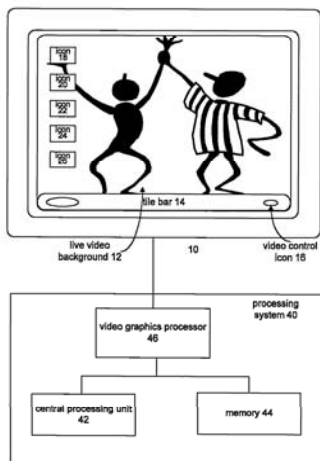
(51) **Int. Cl.⁷** G09G 5/00
(52) **U.S. Cl.** 345/212; 345/204
(58) **Field of Search** 345/205, 211, 345/348, 327, 352, 354, 629, 630, 634, 581, 204, 212, 214; 348/563, 564, 565, 569, 570; 725/39, 40, 49

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24 Claims, 3 Drawing Sheets



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U.S. Patent No.
6,784,879

Orr: '879 Patent

Background for the Orr Invention

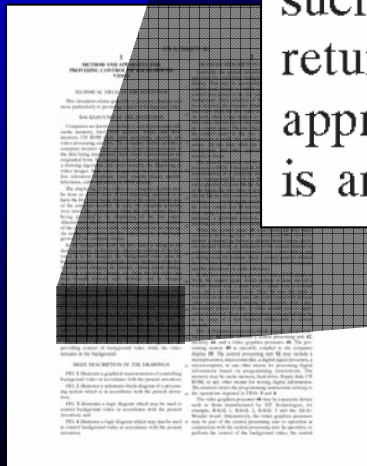
Method and apparatus for providing control of background video.

- **Many consumer electronics products display video.**
- **Consumer products provide user interfaces for controlling the displayed video.**
- **A user may view two different applications on the same screen – one in the foreground (such as a battery meter) and one in the background (such as live video).**

Orr: '879 Patent Problems with the Prior Art

Prior art systems could not control background video without losing focus on foreground applications:

When an attribute of the live video is to be changed, other applications that were in focus (i.e., actively being displayed and/or being worked upon) must go into a background mode (i.e., taken out of focus). As such, the adjusting of attributes of the live video consume the activity of the computer until such attributes have been changed and the live video is returned to the background mode. As one can readily appreciate, this can be somewhat burdensome to the user and is an ineffective use of the computer system.



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Statement of the Invention

The invention is a video graphics processing system that allows control of background video without obscuring a foreground application.

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Orr Allows Focus to Remain on Foreground Applications While Controlling Background Video

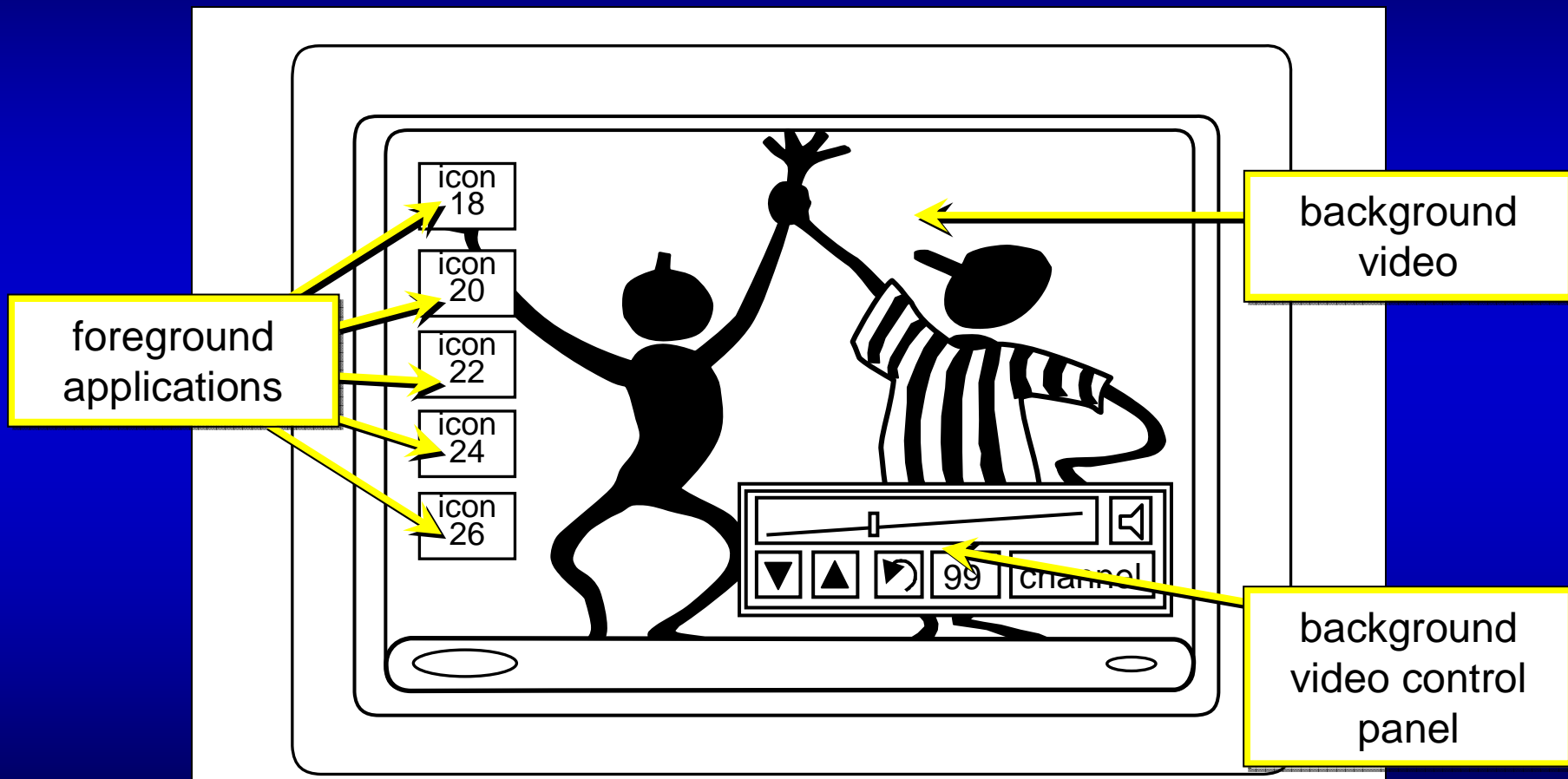


Figure 1