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### DeLeeuw et al.

### [54] METHOD OF USING VIDEO REFLECTION IN PROVIDING INPUT DATA TO A COMPUTER SYSTEM

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- [73] Assignee: Intel Corporation, Santa Clara, Calif.
- [21] Appl. No.: 09/096,282
- [22] Filed: Jun. 11, 1998
- [51] Int. Cl.<sup>7</sup> ...... G09G 5/00
- [52] U.S. Cl. ...... 345/156; 345/113; 345/158

344, 345

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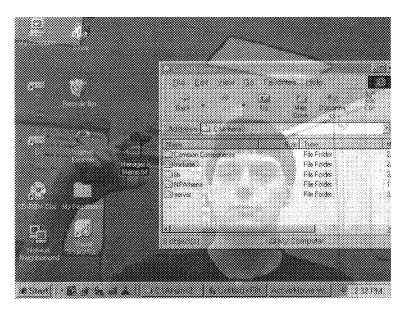
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Primary Examiner—Regina Liang Attorney, Agent, or Firm--Steven P. Skabrat

### [57] ABSTRACT

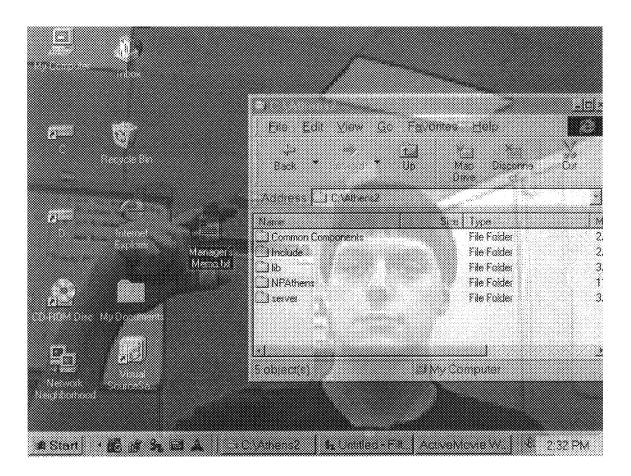
Providing input signals to a computer system having a display, the computer system being coupled to a video camera or other video source, is accomplished by capturing video data signals generated by the video camera, the video data signals representing a scene, rendering the scene on the display such that the scene is reflected and transparently visible on the display, analyzing the video data signals to detect an object in the scene, and generating an input signal for the computer system in response to the detected object.

### 27 Claims, 16 Drawing Sheets



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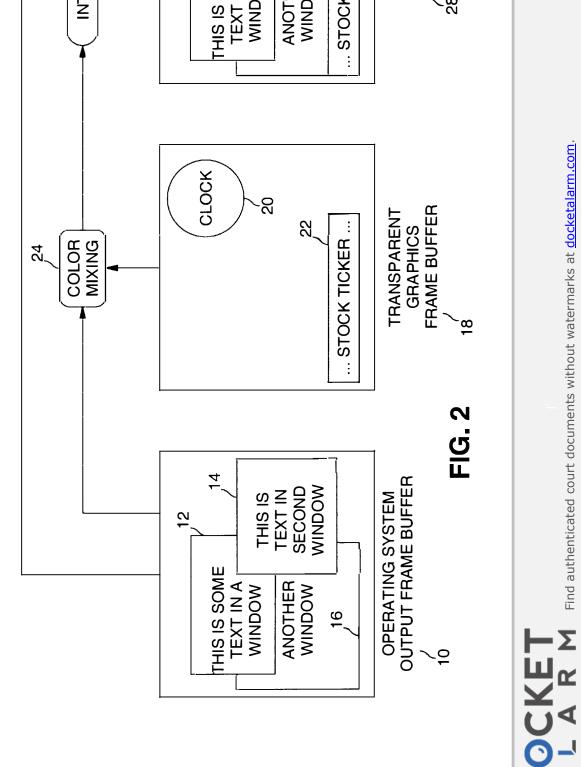
# **FIG. 1**

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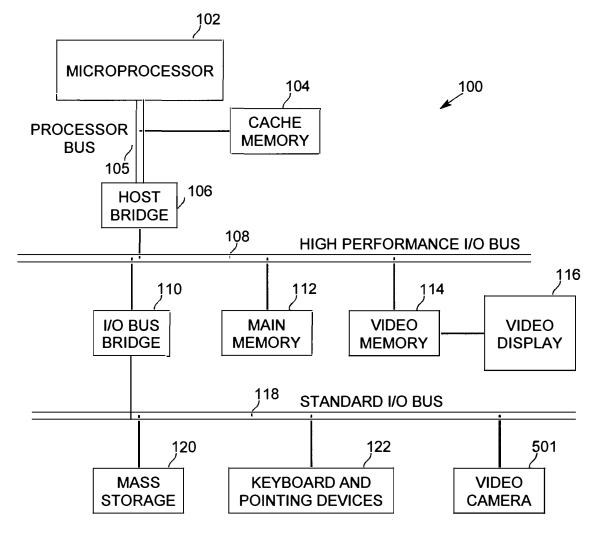
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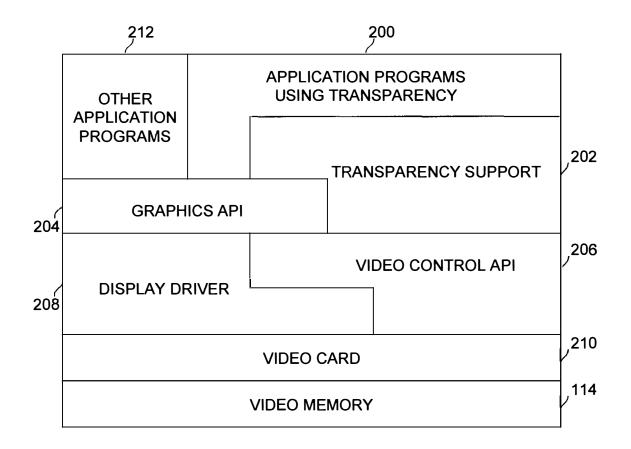


Α



**FIG. 3** 

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# FIG. 4

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