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(54) DYNAMIC INTEGRATION OF COMPUTER GENERATED AND REAL WORLD IMAGES

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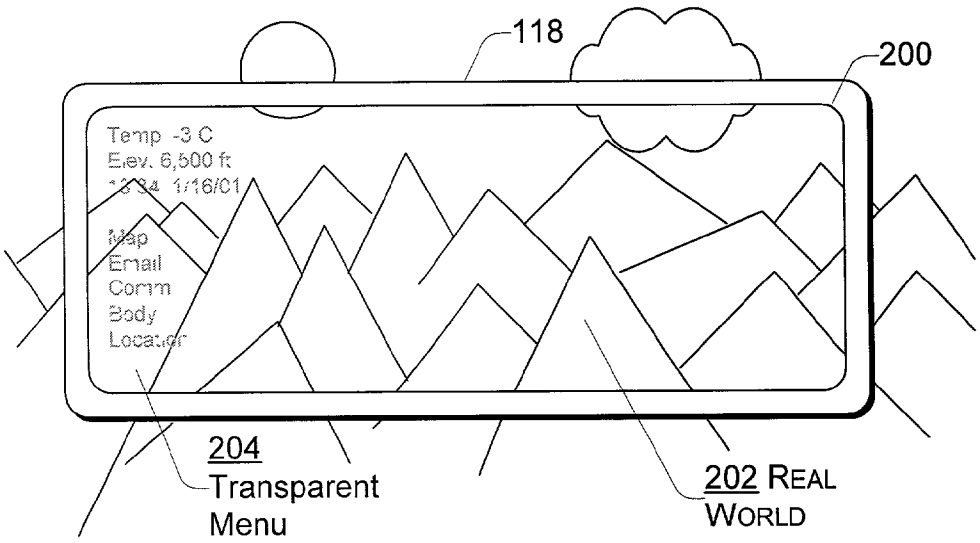
(52) **U.S. Cl.** **345/629**

(57) **ABSTRACT**

A system integrates virtual information with real world images presented on a display, such as a head-mounted display of a wearable computer. The system modifies how the virtual information is presented to alter whether the virtual information is more or less visible relative to the real world images. The modification may be made dynamically, such as in response to a change in the user's context, or user's eye focus on the display, or a user command. The virtual information may be modified in a number of ways, such as adjusting the transparency of the information, modifying the color of the virtual information, enclosing the information in borders, and changing the location of the virtual information on the display. Through these techniques, the system provides the information to the user in a way that minimizes distraction of the user's view of the real world images.



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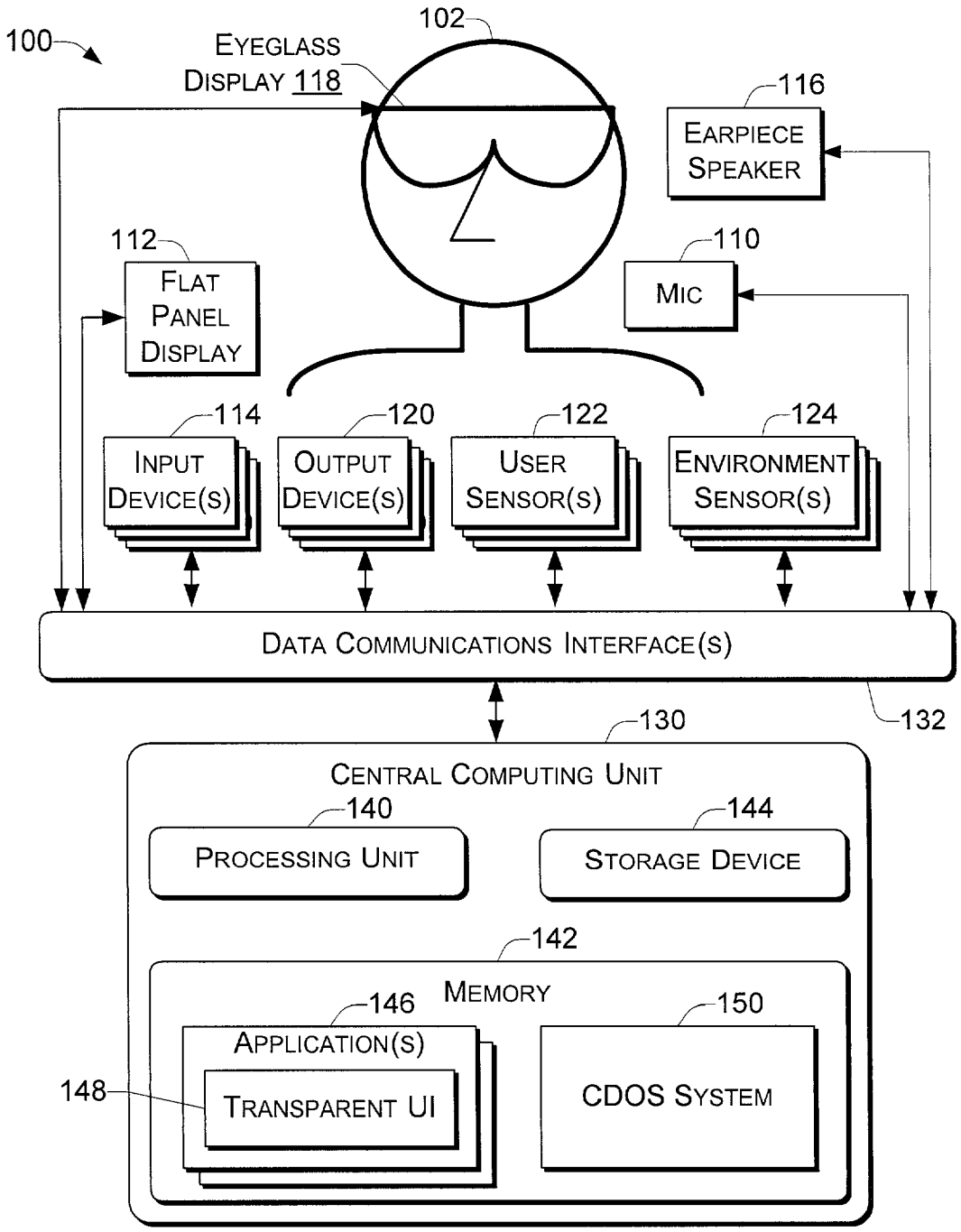

Fig. 1

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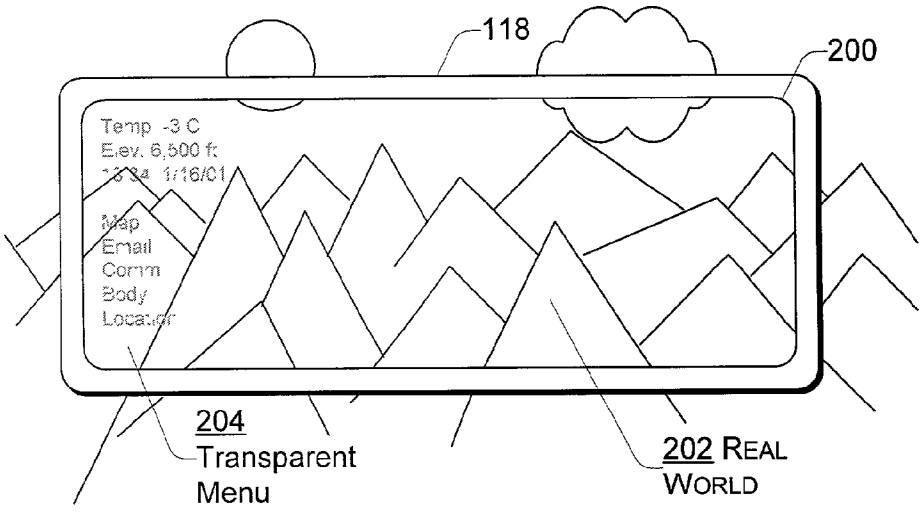

Fig. 2

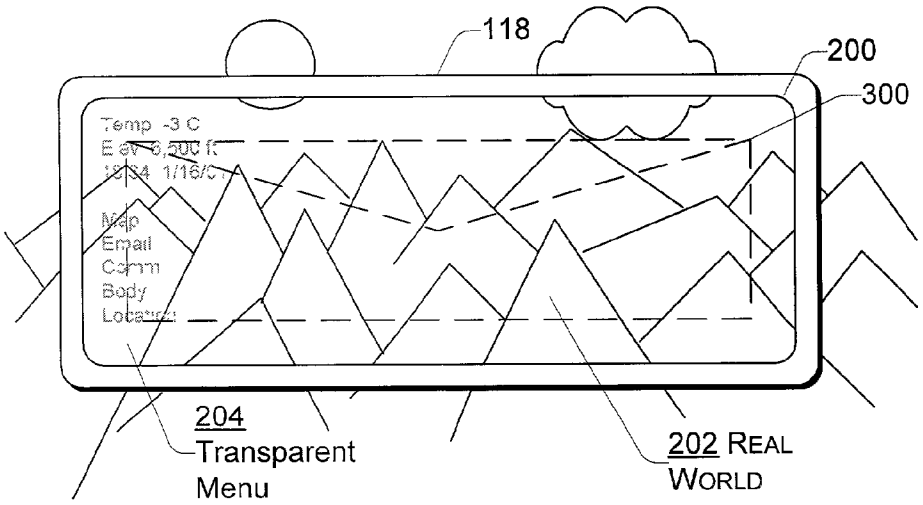

Fig. 3

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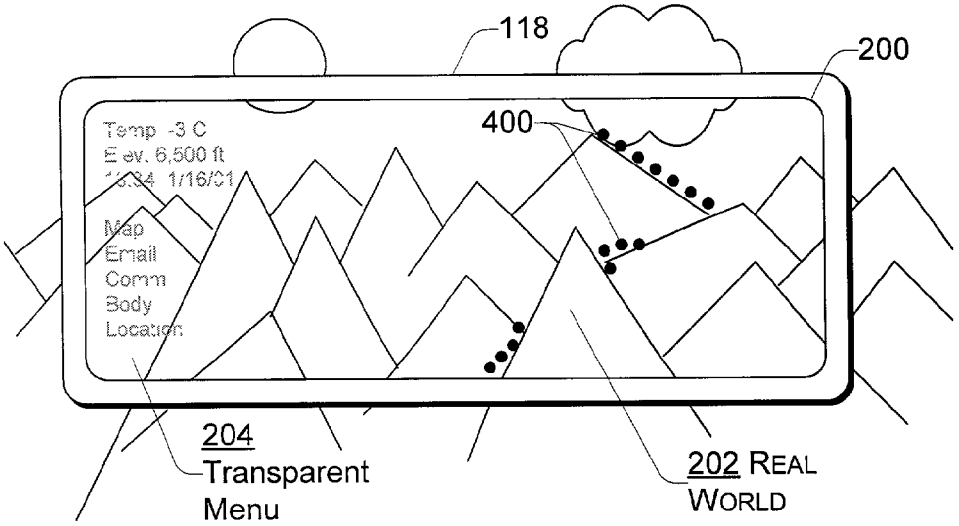

Fig. 4

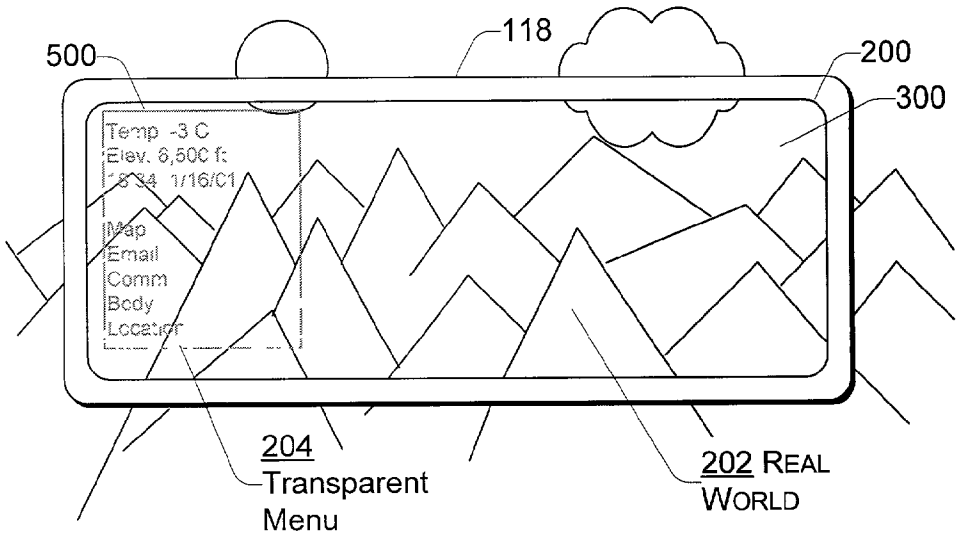

Fig. 5

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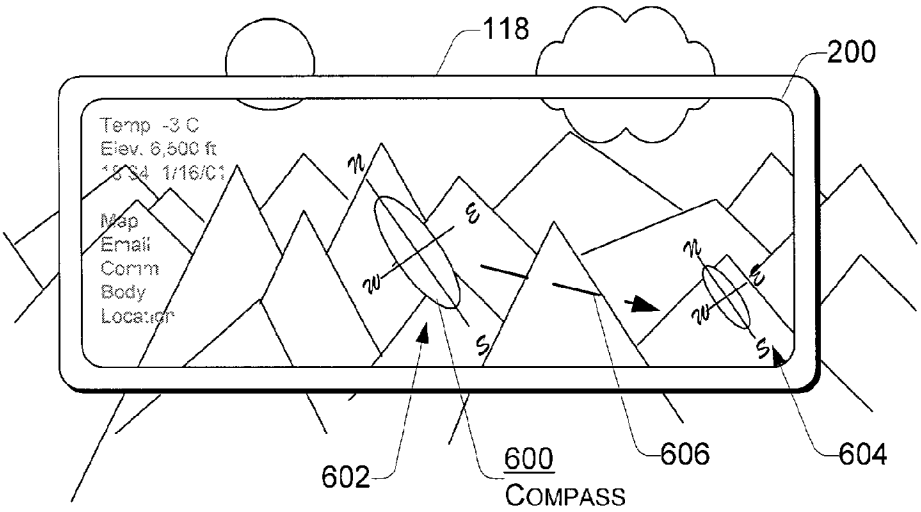

Fig. 6

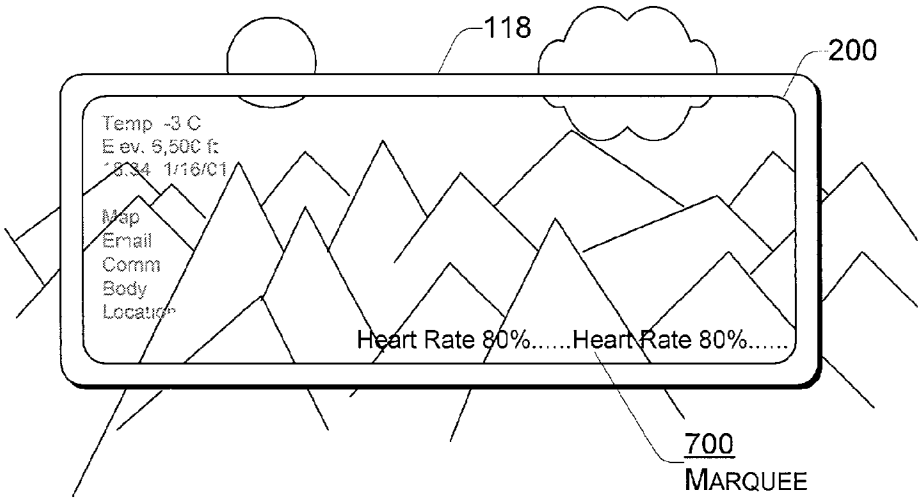

Fig. 7

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