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Newman, et al.

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[54] HANDS-FREE, USER-SUPPORTED PORTABLE COMPUTER

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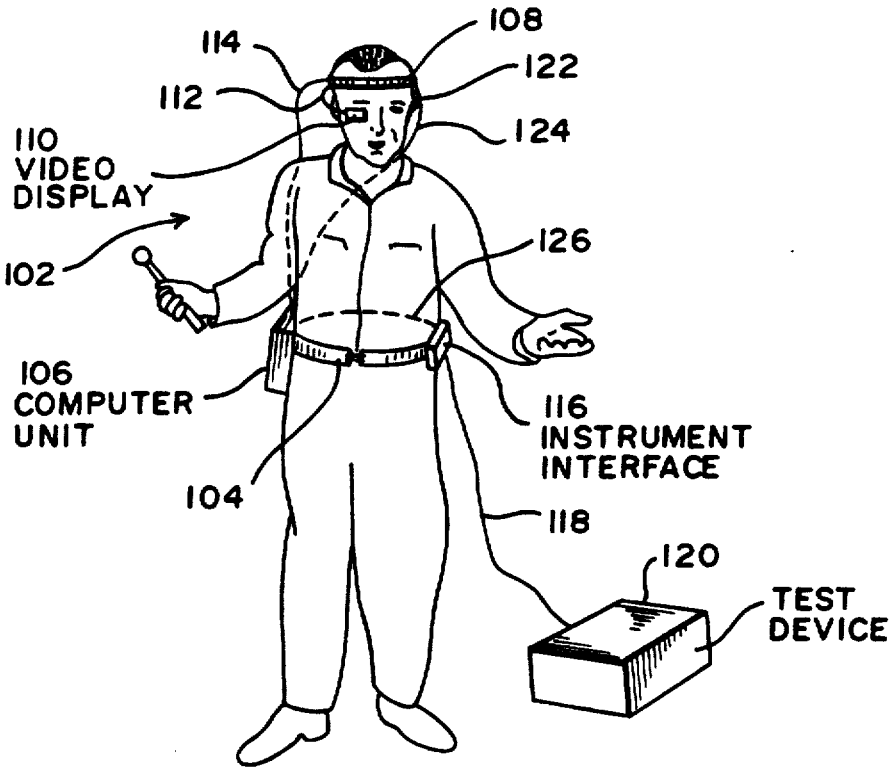
[57] ABSTRACT

A compact, self-contained portable computing apparatus is provided which is completely supported by a user for hands-free retrieval and display of information for the user. The computing apparatus includes a voice-recognition module, in communication with a processor, for receiving audio commands from the user, for converting the received audio commands into electrical signals, for recognizing the converted electrical signals and for sending the recognized electrical signals to the processor for processing, the voice-recognition module being supported by the user. The computing apparatus further includes a display in communication with the processor for receiving information from the processor and for displaying the received information for the user, the display being supported by the user whereby the user may operate the computing apparatus to display information in a hands-free manner utilizing only audio commands.

13 Claims, 10 Drawing Sheets