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(54) **SELF-CONTAINED INTERACTIVE VIDEO DISPLAY SYSTEM**

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(57) **ABSTRACT**

A self-contained interactive video display system. A flat-panel display screen displays a visual image for presentation to a user on a front side of the flat-panel display screen. A first illuminator illuminates the flat-panel display screen with visible light. A second illuminator illuminates an object. A camera detects interaction of an illuminated object with the visual image, wherein the camera is operable to view the object through the flat-panel display screen. A computer system directs the projector to change the visual image in response to the interaction.

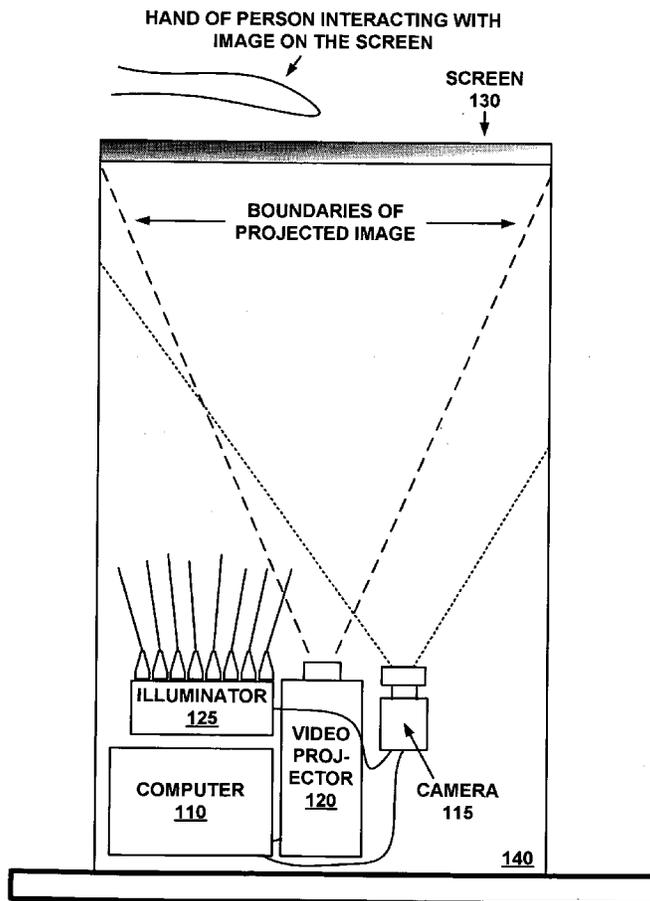
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**BASIC HARDWARE CONFIGURATION**