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(54) **METHOD AND APPARATUS OF UNIVERSAL REMOTE POINTING CONTROL FOR HOME ENTERTAINMENT SYSTEM AND COMPUTER**

(52) **U.S. Cl. .... 345/158**

(57) **ABSTRACT**

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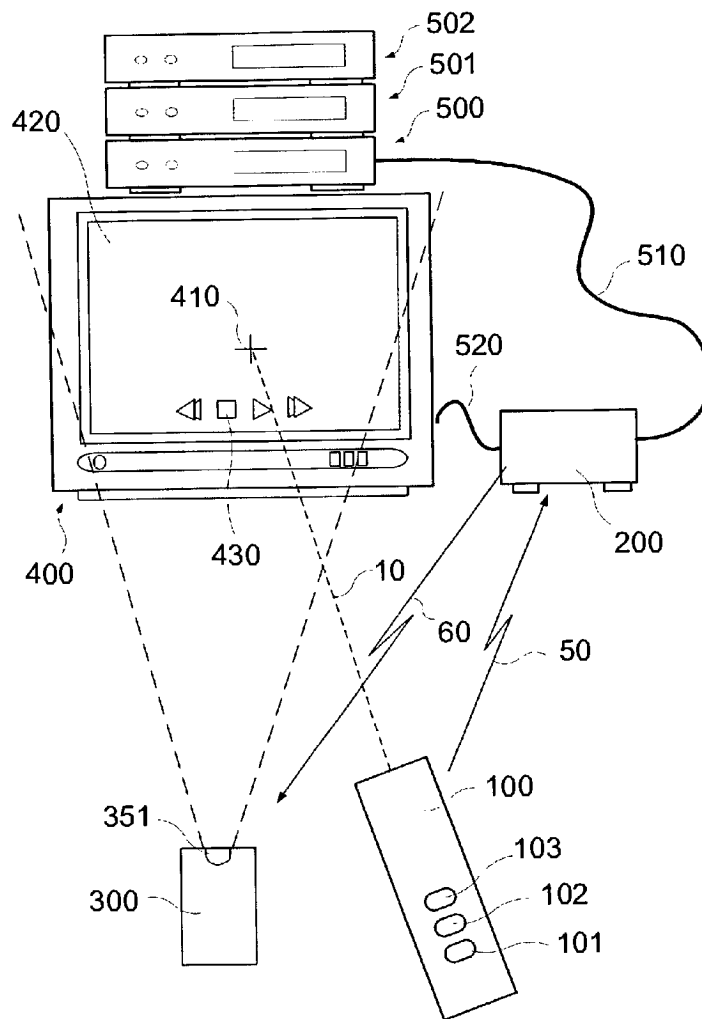
A universal television and computer pointing control system is disclosed. The system is comprised of a handheld pointing device, a display control unit, and a command delivery unit. The system allows the user to simply point and click to control a computer or various home entertainment component devices remotely. Inside the handheld device, orientation sensors detect pointing direction. The pointing direction signals are transmitted to the display control unit, and a cursor (pointer) is drawn onto the screen indicating the pointer's location. By interpreting the pointing direction signals and the button activities, the display control unit issues a control signal to the command delivery unit. The command delivery unit then forwards the commands to the target device to execute the desired control function.

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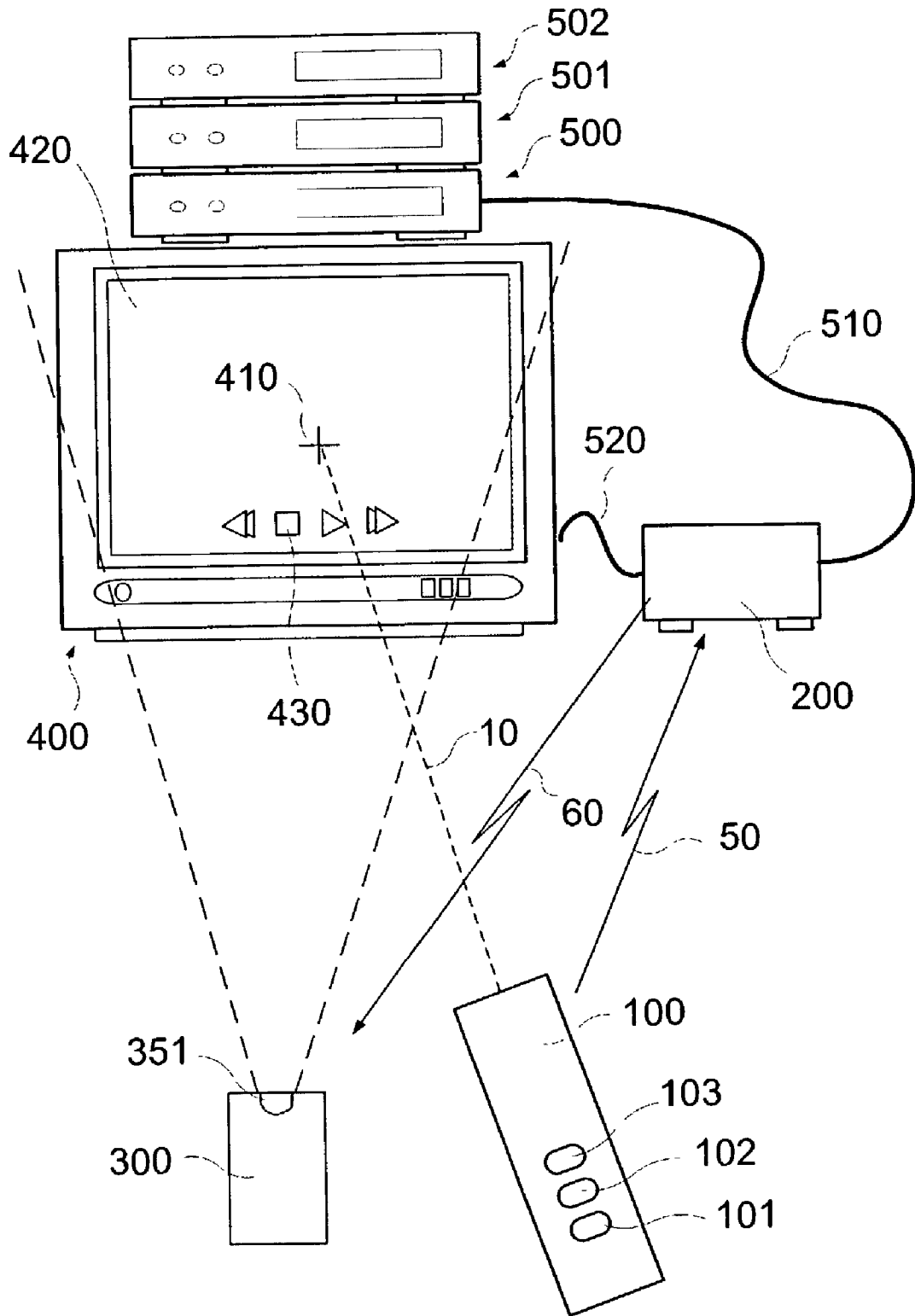


FIG. 1

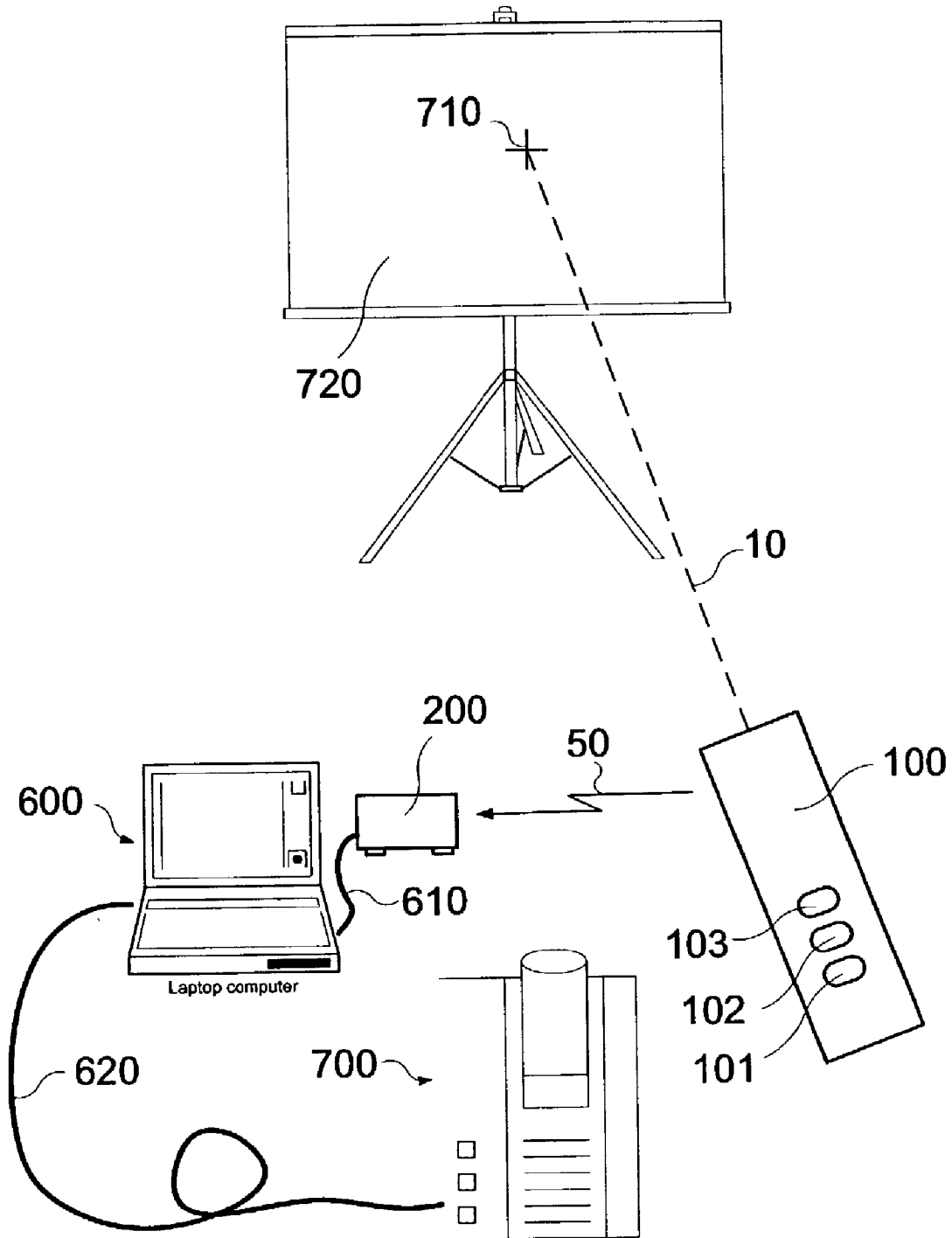


FIG. 2

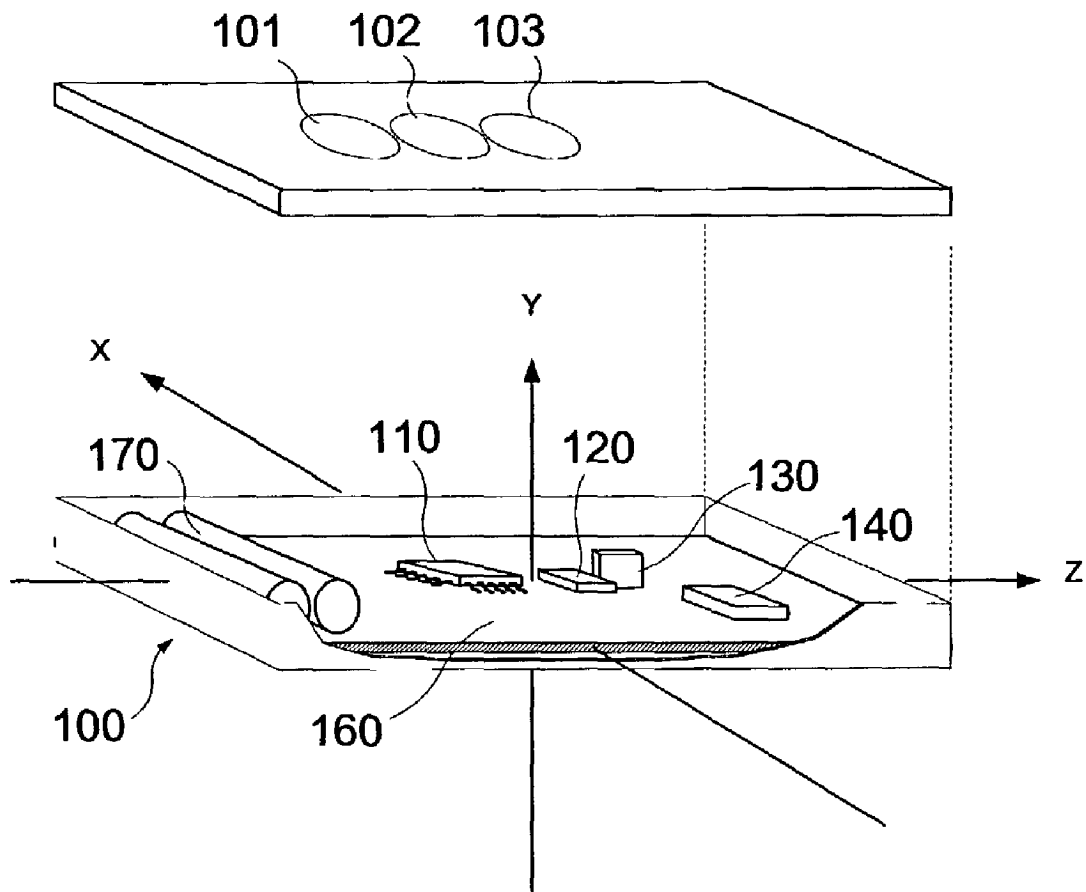


FIG. 3

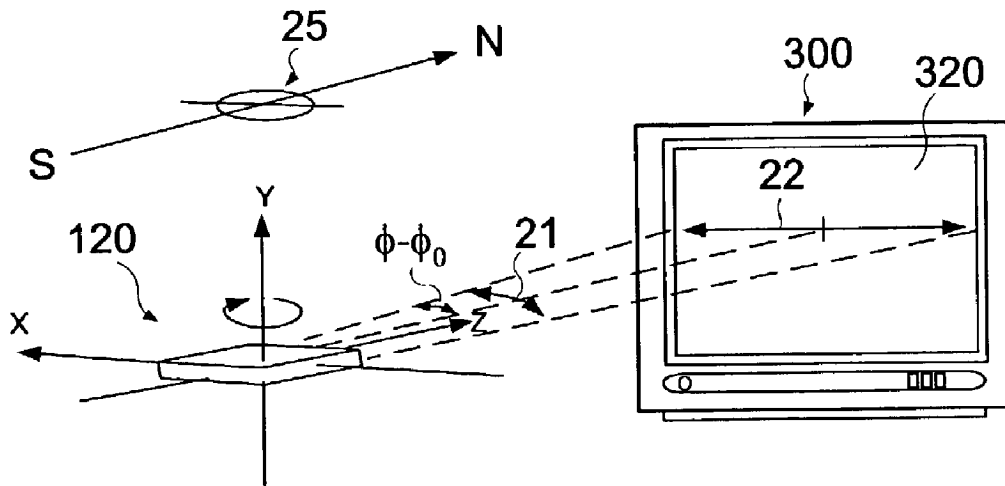


FIG. 4a

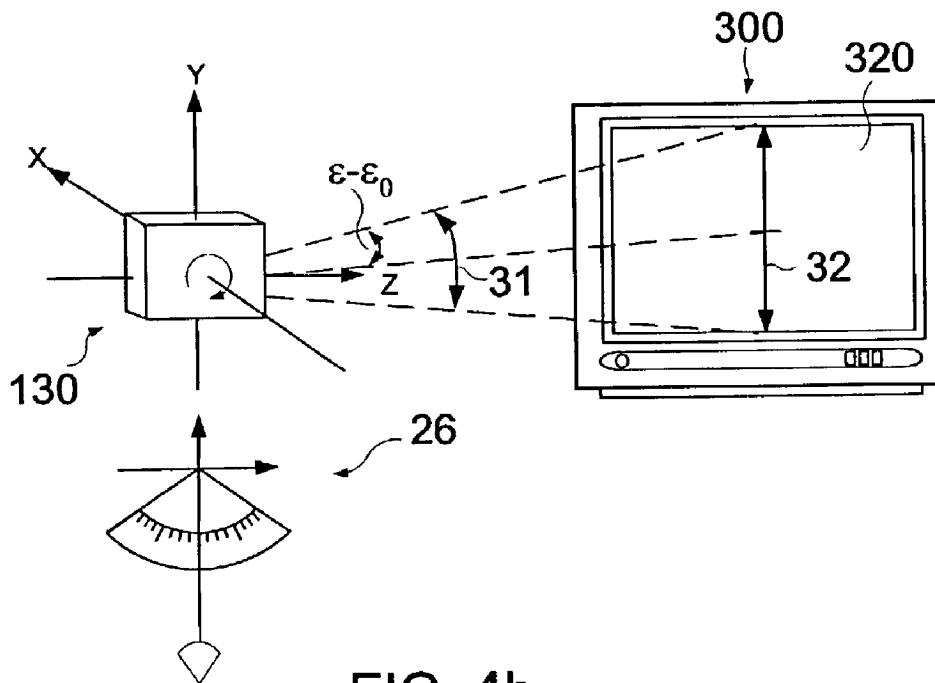


FIG. 4b

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