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Abstract

INPUTTING INFORMATION TO SYSTEMS INCLUDING A DISPLAY DEVICE

5 A pointing device includes a sensor which is sensitive to a spot of light which is scanned over the display area of a display device. The sensor generates a signal when that spot of light encounters the sensor. The time at which the sensor senses the spot of light is thus indicative of the position of the device. The spot of light may comprise light in the visible frequency range. Indeed, in certain embodiments it is light produced by the display device to display the

10 image in the display area. Alternatively, the spot of light may be invisible light (e.g. infrared light) unrelated to the displayed image. Note that the term "light" is used in this document to include electromagnetic radiation in all frequency ranges, but most particularly infrared and visible light.

15 [Fig. 1]