

ABSTRACT**A SYSTEM AND METHOD FOR USE IN DETERMINING A CURSOR POSITION**

A computer 1 generates a series of slide image signals which are passed to a projector 6. The projector projects images from the signals onto a screen but during its flyback period projects no image. A laser pointer 3 is directed by a user at the image on the screen, even during the flyback period. A camera 7 is directed at the screen and captures images during the flyback period, when only the spot from the laser pointer 3 is on the screen. The captured image is sent to a processor to determine the position at which the laser pointer is pointing. This data is provided to the computer (1). It updates the position of its cursor on the image, the signal for which it is sending to the projector, to be at that position. If the position of the spot is a highlight function area, that area is automatically highlighted.

Figure 1.



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