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ABSTRACT:

CD-I pointer device with 8 directions, 1 pixel/update.

A CD-I system comprises a display; a cursor control means coupled to the display for updating a position of a cursor; and a user-interface means being coupled to the cursor control means for user-manipulation of the cursor via the cursor control means, and being operative to specify respective displacements of the cursor in a
5 respective selected one of a given number, preferably 8, of different directions. The user-interface means is operative to specify each respective one of the displacements having a fixed length, preferably one pixel per update in a particular operating mode of the user-interface means. Advantages are that processing time is reduced, the user-interface means is simple, and that conventional joystick software can be used in CD-I
10 applications. .