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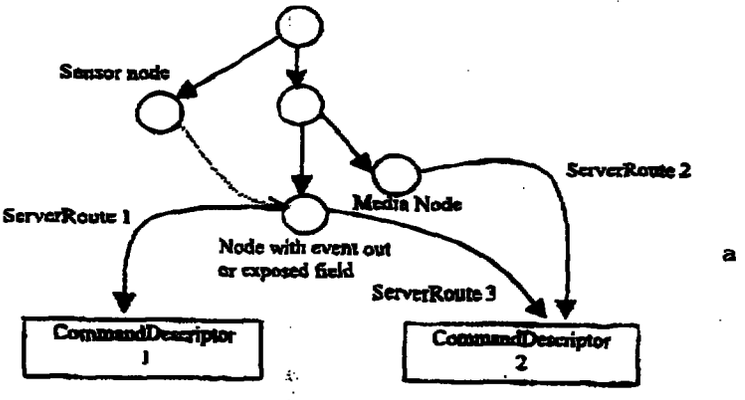
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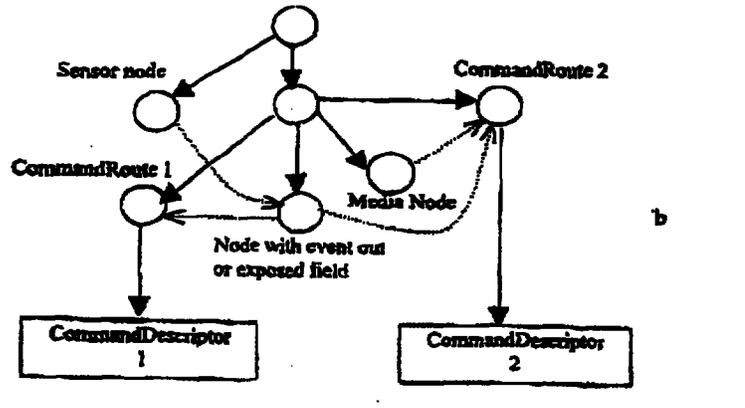
(54) Title: METHOD AND SYSTEM FOR CLIENT–SERVER INTERACTION IN INTERACTIVE COMMUNICATIONS

(57) Abstract

In an interactive communication system based on MPEG–4, Command descriptors along with Command Route nodes or Server Routes in the scene description can be used to support application–specific interactivity. Content selection can be supported by specifying the presentation in command parameters, with the command ID indicating that the command is a content selection command. An initial scene can be created with several images and with text that describes a presentation associated with an image. Associated with each image and the corresponding text is a content selection descriptor. When a user clicks on an image, the client transmits the command containing the selected presentation and the server starts a new presentation. The technique can be used in any application context, as generally as HTTP and CGI can be used to implement any server–based application functionality.



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