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(54) **Title:** METHOD FOR PROVIDING A REAL TIME INTERACTIVE AUGMENTED REALITY (AR) INFOTAINMENT SYSTEM

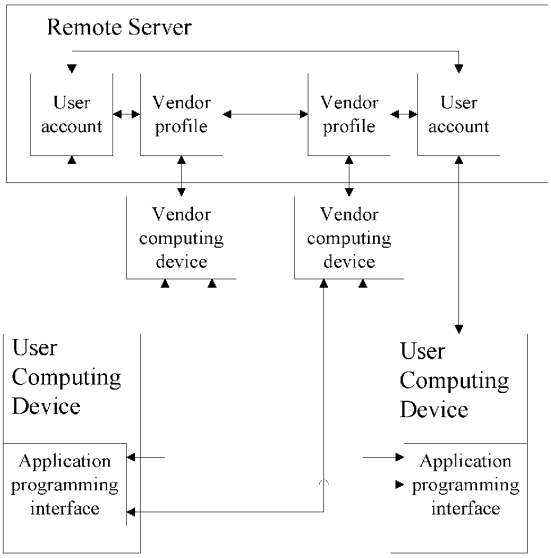

FIG. 1

(57) **Abstract:** A method for providing a real-time interactive augmented reality (AR) infotainment system has a set of AR service processes, a set of AR execution processes, an AR environment, and a user account managed by a remote server. The service processes are subprocesses that enable the user to perform specific processes such as navigation, summoning a digital assistant, or purchasing items. The execution processes enable the user to enter specific commands within the AR environment. The AR environment includes a secondary coordinate space that is a digital record of all the features and content intended to be rendered by a user's computing device. the user is prompted to select a desired service process with the user computing device. Raw environmental data is continuously gathered with the user computing device and a primary coordinate space is generated. The secondary coordinate space is mapped onto the primary space and presented to the user.

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