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(54) Title: SYSTEMS AND METHODS FOR MEDIATED AUGMENTED PHYSICAL INTERACTION

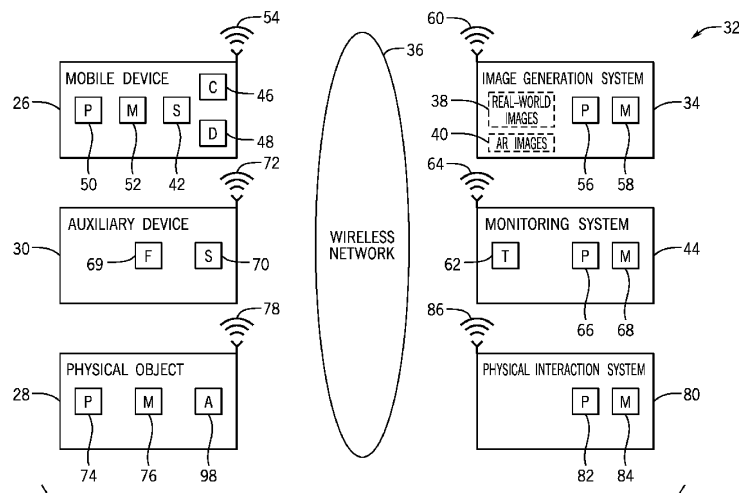


FIG. 2

(57) Abstract: A system (32) includes an image generation system (34) for generating streaming media of a real-world environment based at least in part on image data (38) captured via a camera (46) of a mobile device (26), to generate one or more augmentations (40) superimposed on the streaming media of the real-world environment based at least in part on data relating to user interaction with the mobile device (26), and to transmit the streaming media of the real-world environment along with the one or more augmentations (40) to be displayed on a display (48) of the mobile device (26). The system (32) also includes a physical interaction system (80) for determining one or more physical effects (96) to be implemented for a physical object (28) in the real-world environment based at least in part on the data relating to the user interaction with the mobile device (26), and to transmit a signal to the physical object (28) to implement the determined one or more physical effects (96).

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