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(54) **Title**: SYSTEM AND METHOD FOR VIDEO COMPRESSION USING FEEDBACK INCLUDING DATA RELATED TO THE SUCCESSFUL RECEIPT OF VIDEO CONTENT

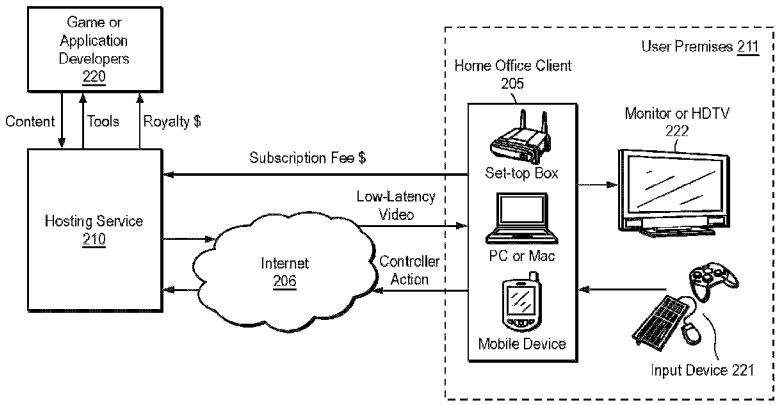


FIG. 2a

(57) **Abstract**: A computer-implemented system and method for performing video compression is described. A method according to one embodiment includes encoding a first plurality of video frames or portions thereof, wherein each encoded video frame or portion is dependent on a previously-encoded video frame or portion thereof. The method further includes transmitting the first plurality of encoded video frames or portions to a client device and receiving feedback information from the client device, the feedback information usable to determine whether data contained in the video frames or portions has not been successfully received and/or decoded; in response to detecting that a video frame has not been successfully received and/or decoded, encoding a current video frame or portion thereof to be dependent on a previously-encoded video frame or portion thereof known to have been successfully received and/or decoded; and transmitting the current video frame or portion thereof to the client device.

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