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## Declarations under Rule 4.17:

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))

[Continued on next page]

## (54) Title: HANDLING VIDEO FRAMES COMPROMISED BY CAMERA MOTION

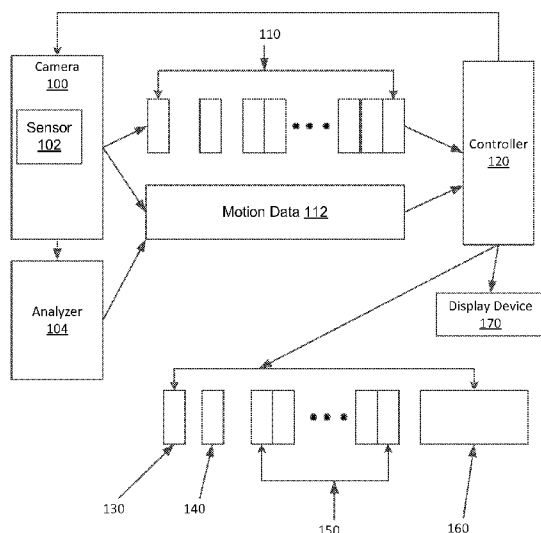


FIG. 2

(57) Abstract: Example embodiments concern reducing the negative impacts of camera motion during video capture. Processing, transmitting, or displaying motion compromised video data yields inefficient use of bandwidth, battery power, memory, and other resources. Watching video acquired from a moving video camera may induce motion sickness. Unlike conventional systems that attempt to address motion by increasing frame capture rates to produce better individual frames, example embodiments identify frames that are compromised by motion data and do not provide or present them for viewing. Compromised frames may be logically or physically deleted from a video stream or memory. Motion may be detected by physical apparatus (e.g., accelerometer) or through image processing (e.g., motion artifacts, low correlation between frames, low signal-to-noise ratio). A display device may be controlled to operate in a video display mode or a still frame mode depending on motion detected in captured video frames.

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