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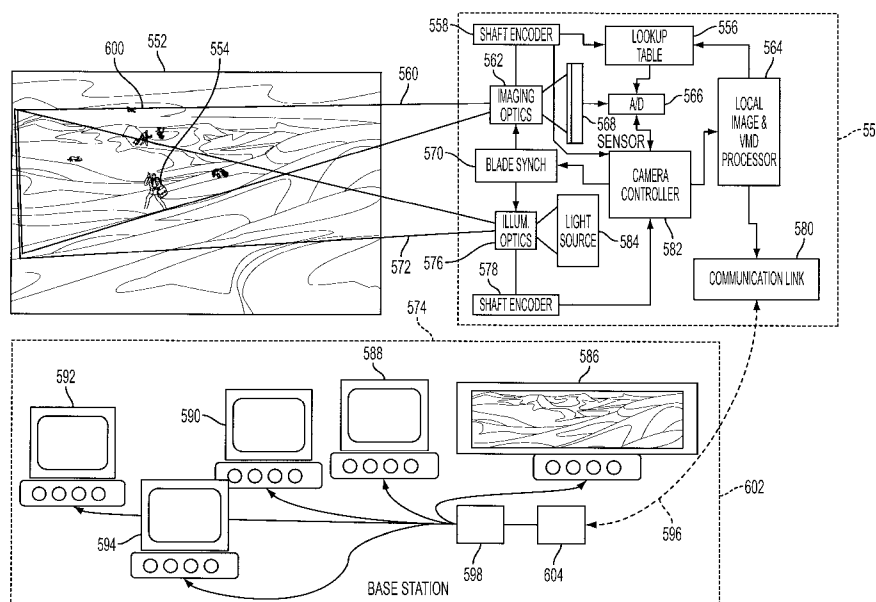
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(54) Title: IMPROVED DIGITAL CAMERA WITH NON-UNIFORM IMAGE RESOLUTION



(57) Abstract: A digital camera includes a sensor adapted to provide a digital representation of a portion of a field of view and an optical system that causes a plurality of locations within the field of view to become incident on the sensor. A pixel correction module adds a bias value to any pixel within the digital representation of a portion of a field of view and multiplies it by a gain factor. A region-of-interest lookup table stores sets of values, each set related to a rectangular region of interest within the field of view. The stored values include bias and gain factors.

WO 2008/085553 A1