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Maeda

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[54] DIGITAL VIDEO CAMERA

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[58] Field of Search 358/41, 43, 44, 27, 358/290, 909, 906, 213.25, 162, 228, 160, 140; 348/207, 220, 221, 222, 230, 231, 234, 237, 345, 362, 363, 252, 241; H04N 9/07, 9/077, 9/04

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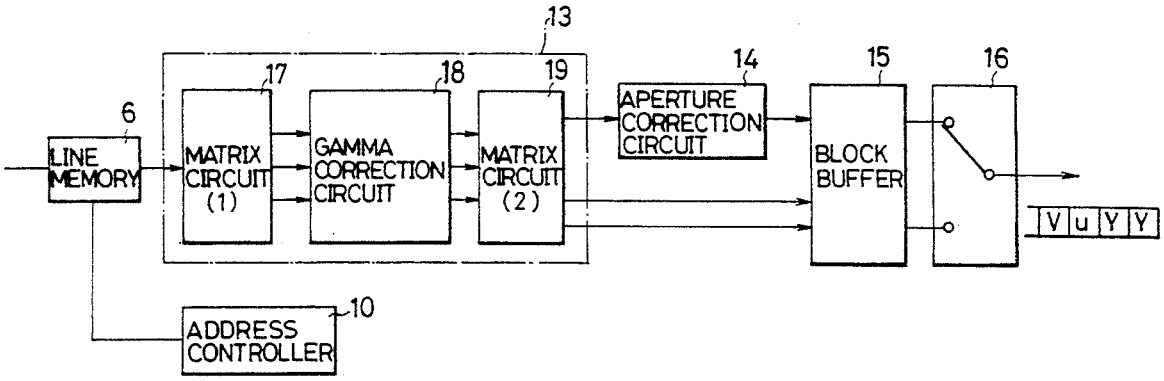
[57] ABSTRACT

A digital video camera including an image sensor, comprises a line memory, unit for storing a plurality of digitized raster scanning data transferred from the image sensor, and a processing unit for reading out a plurality of data in the form of block or matrix from the line memory means and converting the data into luminance data and color-difference data every block or matrix.

14 Claims, 17 Drawing Sheets