



[54] METHOD AND APPARATUS FOR PROCESSING DIGITAL VIDEO CAMERA SIGNALS

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[57] ABSTRACT

[21] Appl. No.: 520,611

A system and method for processing video signals. According to a preferred embodiment, a plurality of video signals is captured with a camera in response to an image. The plurality of video signals is converted with the camera to a plurality of raw digital signals. The plurality of raw digital signals is converted into a plurality of usable digital video signals with a computer, and the plurality of raw digital signals is transmitted to the computer with a bus. The computer processes successive pluralities of raw digital signals at a predetermined frame rate. The bus has a communications bandwidth sufficient to transmit successive pluralities of raw digital signals in accordance with the predetermined frame rate.

[22] Filed: Aug. 30, 1995

[51] Int. Cl. H04N 5/228

[52] U.S. Cl. 348/222; 348/552; 348/231

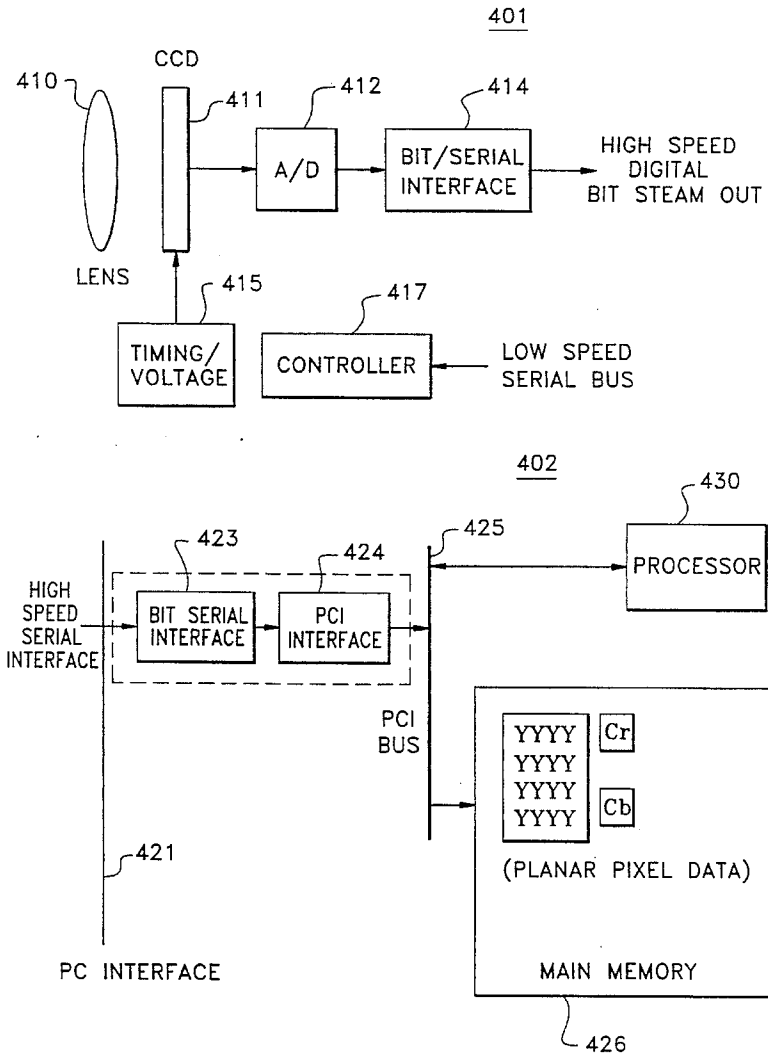
[58] Field of Search 348/222, 231, 348/207, 552, 659, 660, 661; H04N 5/228, 5/76, 7/00

[56] References Cited

U.S. PATENT DOCUMENTS

Table with 4 columns: Patent No., Date, Inventor, and Patent No.
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45 Claims, 4 Drawing Sheets



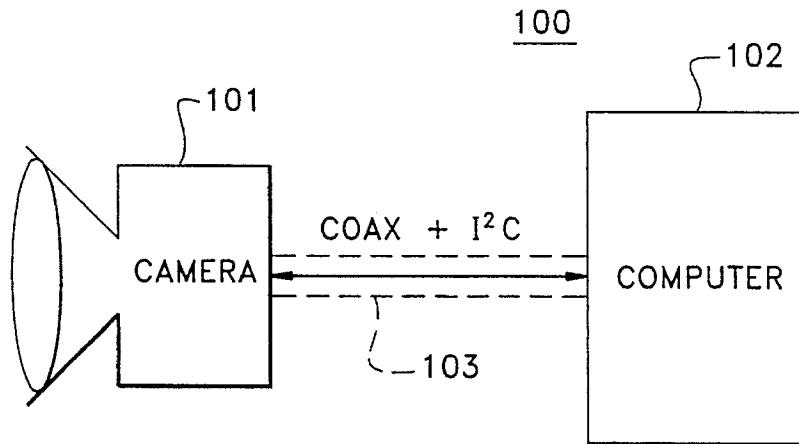


FIG. 1
PRIOR ART

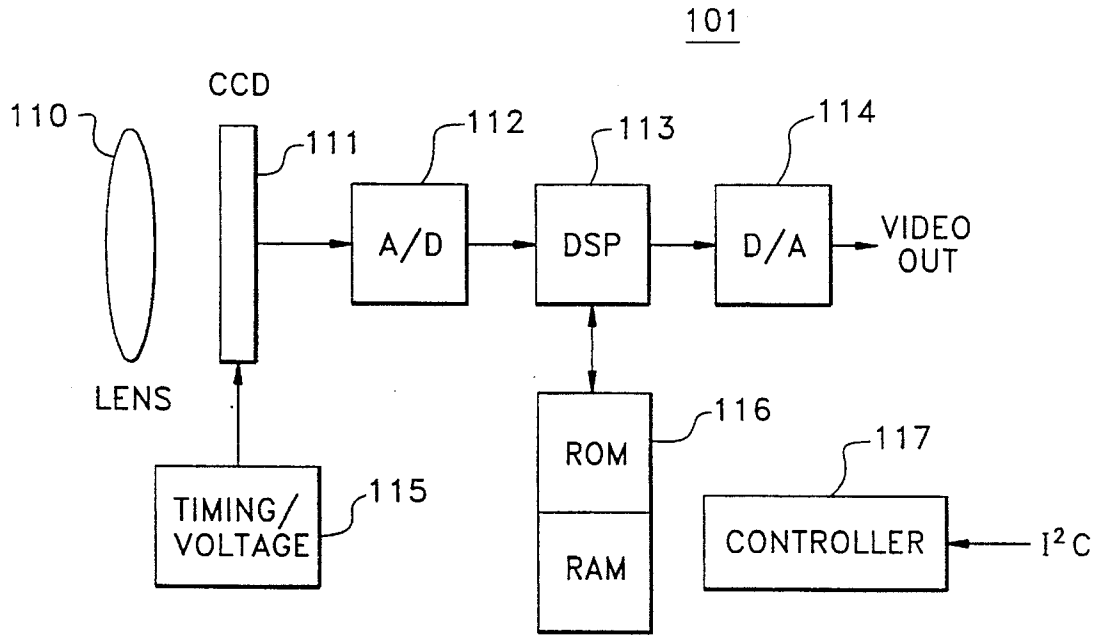


FIG. 2
PRIOR ART

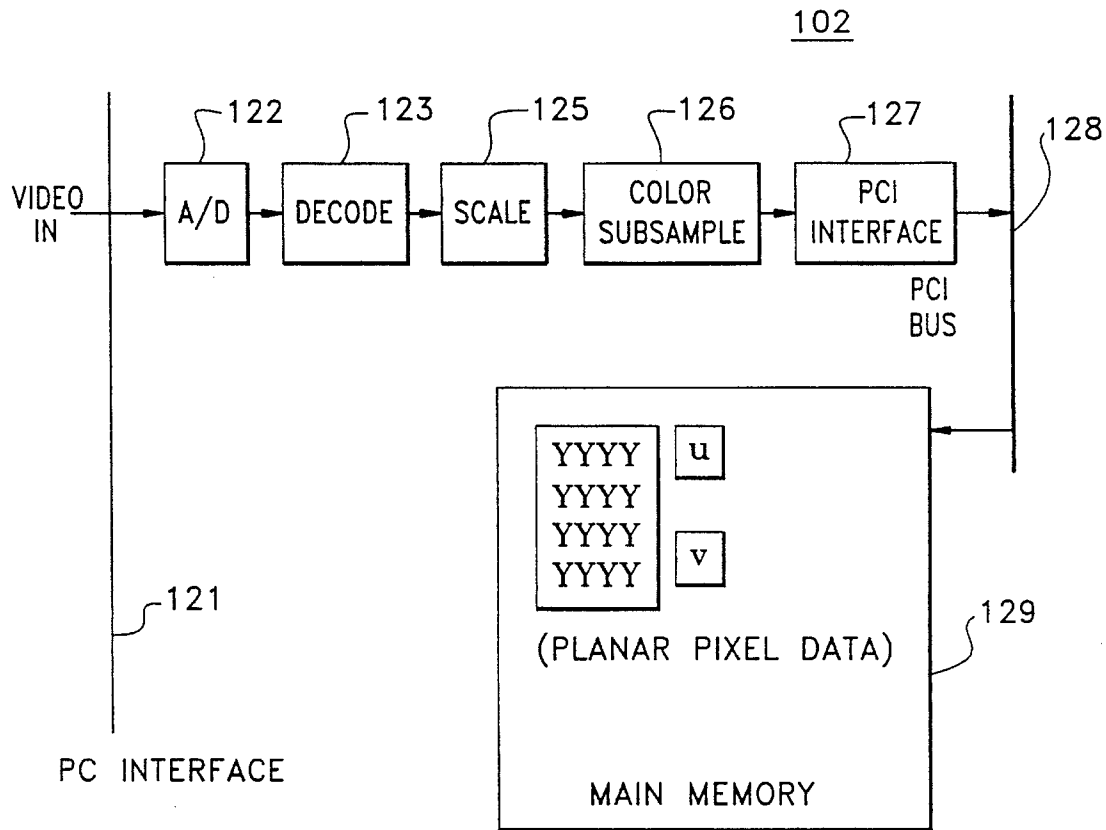


FIG. 3
PRIOR ART

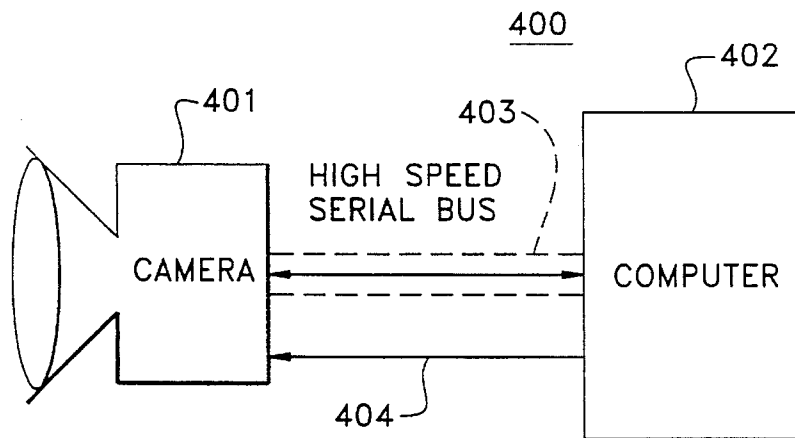


FIG. 4

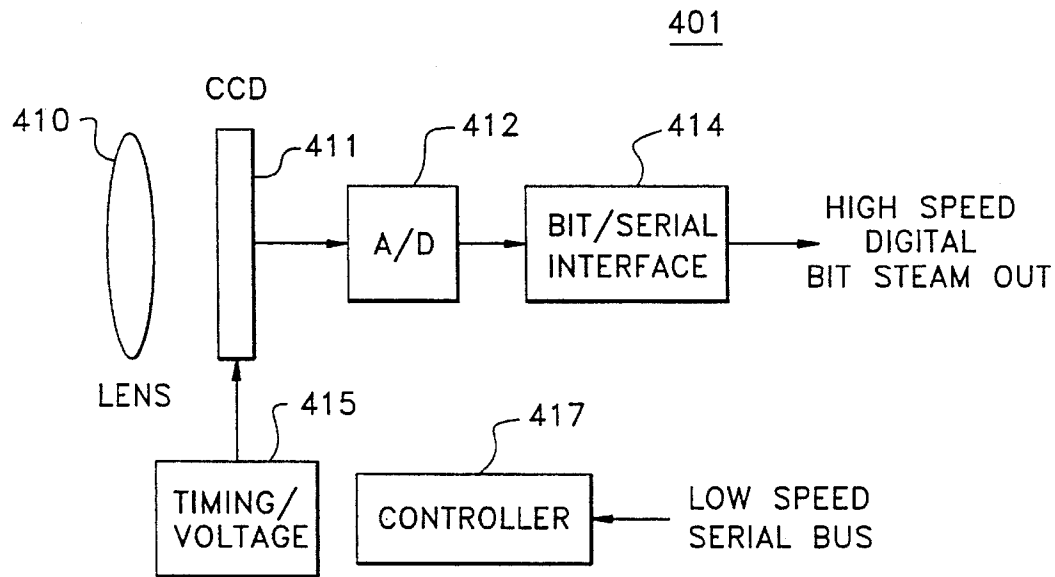


FIG. 5

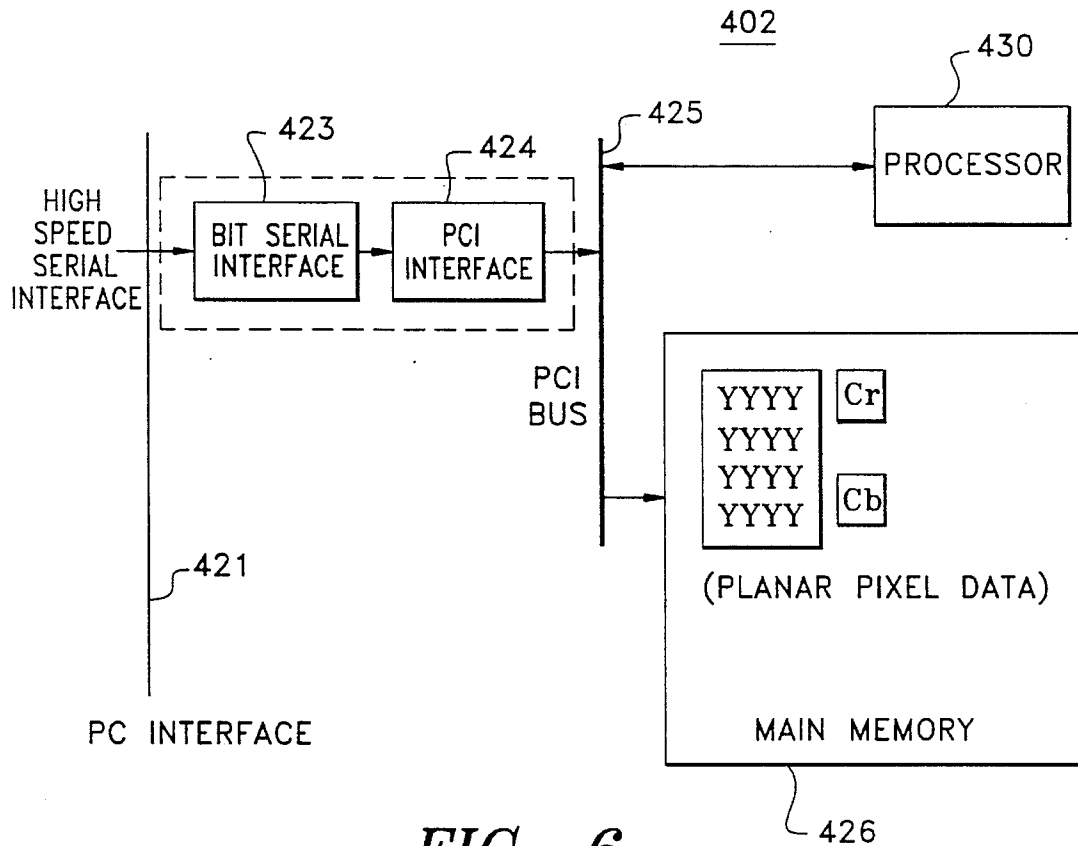


FIG. 6

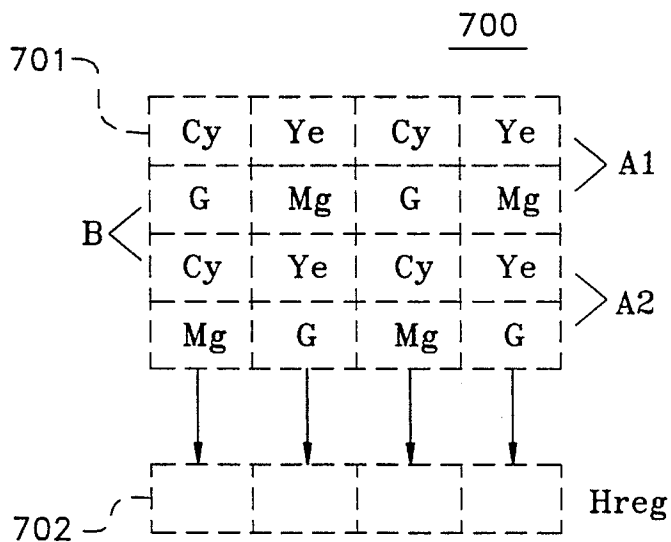


FIG. 7

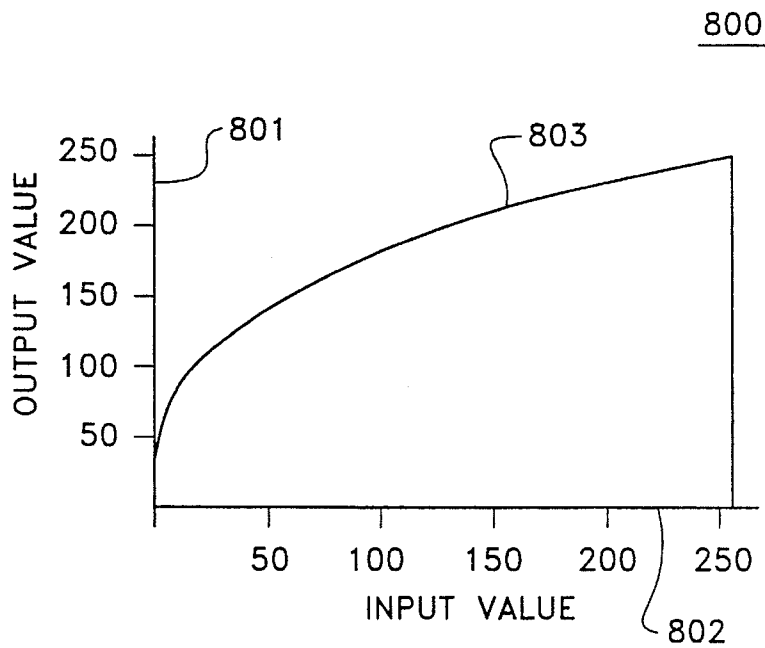


FIG. 8

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