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(12) **United States Patent**  
**Juen**

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(54) **ELECTRONIC CAMERA THAT DISPLAY INFORMATION REPRESENTATIVE OF ITS SELECTED MODE**

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(\* ) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

(21) Appl. No.: **11/075,333**

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(65) **Prior Publication Data**

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**Related U.S. Application Data**

(63) Continuation of application No. 09/951,417, filed on Sep. 14, 2001, now abandoned, which is a continuation of application No. 08/937,805, filed on Sep. 25, 1997, now abandoned.

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(30) **Foreign Application Priority Data**

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(51) **Int. Cl.**  
**H04N 5/222** (2006.01)

(52) **U.S. Cl.** ..... **348/333.01**; 348/333.02

(58) **Field of Classification Search** ..... 348/220.1, 348/229.1, 333.01, 333.02

See application file for complete search history.

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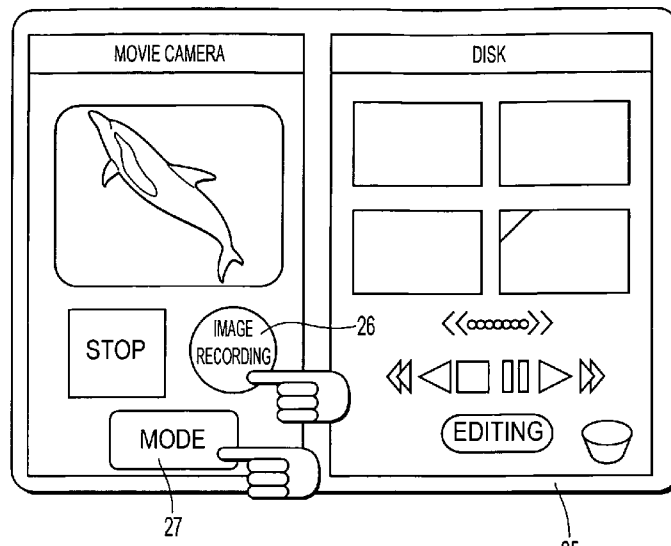
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(57) **ABSTRACT**

An electronic camera is used with a display screen and includes an imaging device, a pixel density converter, a moving image recording device and a still image recording device. The imaging device images an object and converts the imaged object to image information. The pixel density converter converts the image information converted by the imaging device to a pixel density suitable for a scan format of the display screen. The moving image recording device successively retrieves the image information from the pixel density converter and records the image information in the recording medium as a series of moving images. The still image recording device retrieves the image information converted by the imaging device and records the image information in the recording medium as a still image.

**8 Claims, 17 Drawing Sheets**



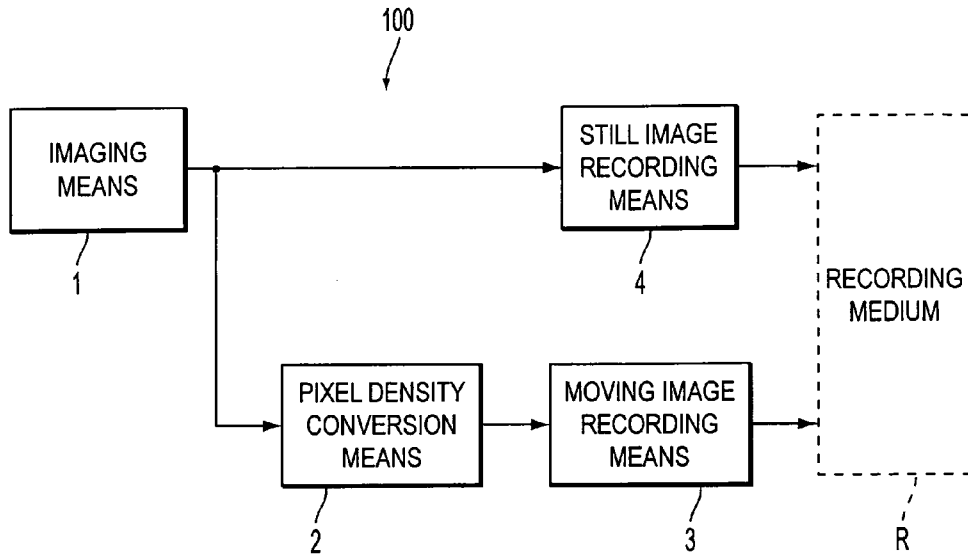


FIG. 1

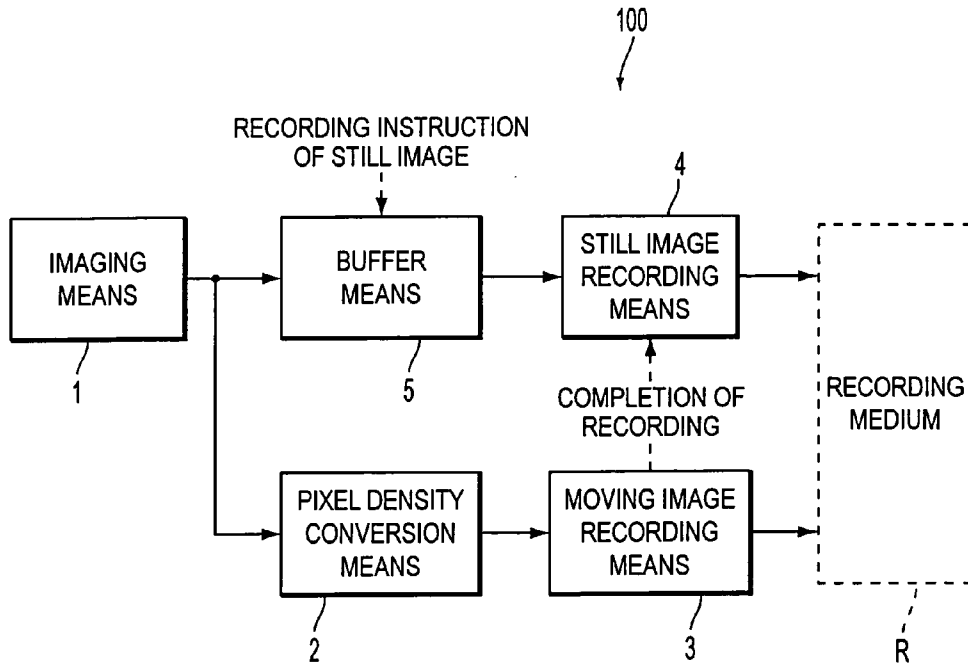


FIG. 2

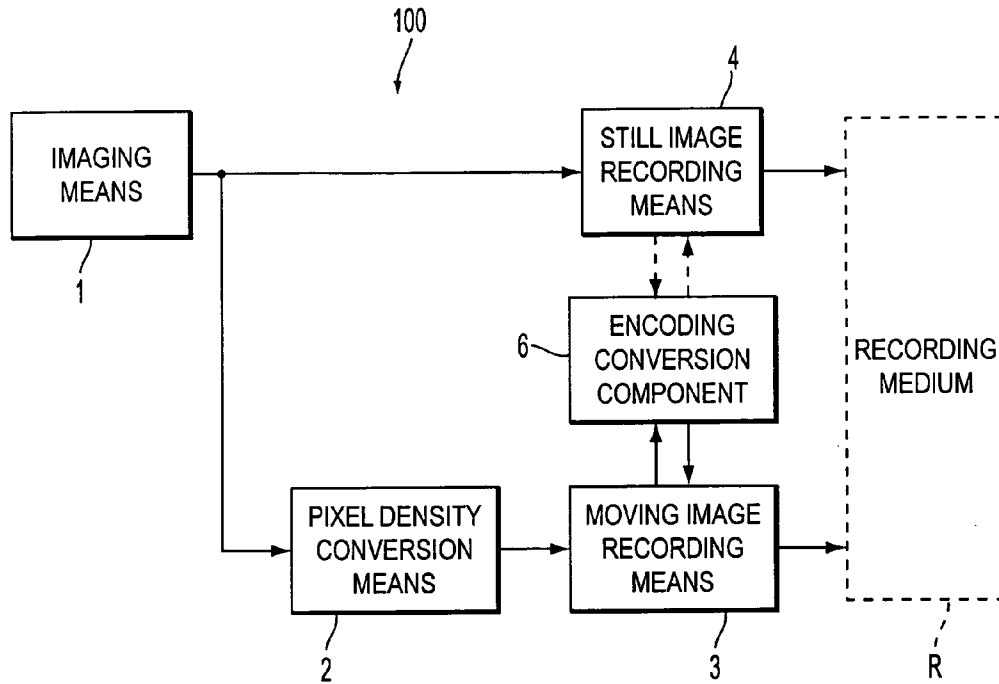


FIG. 3

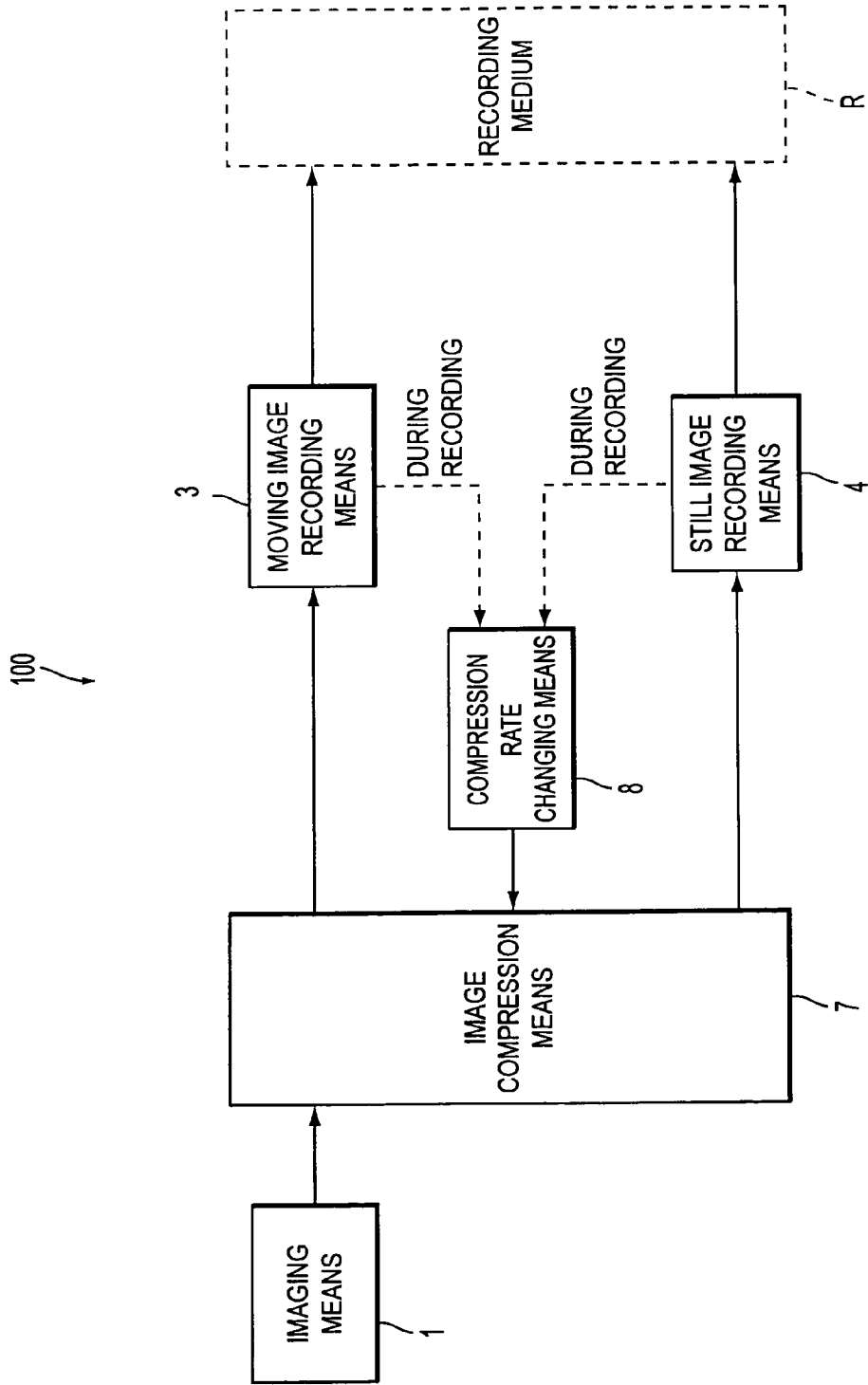


FIG. 4

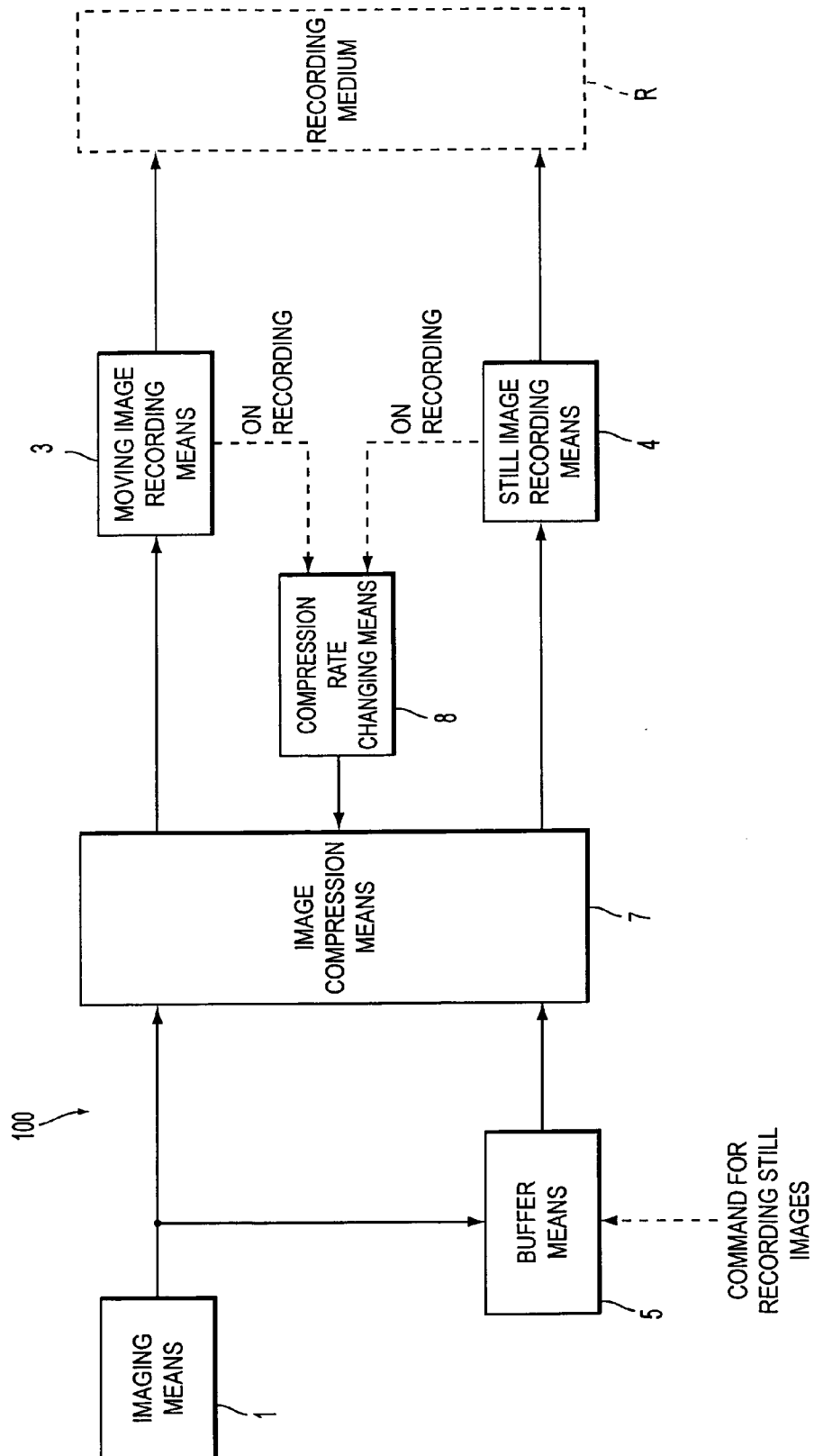


FIG. 5

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