

[54] **DIGITAL TELEVISION SYSTEM AND METHOD**
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 [73] Assignee: **Independent Broadcasting Authority**, London, England

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[30] **Foreign Application Priority Data**
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[51] Int. Cl.³ **H04N 5/79**
 [52] U.S. Cl. **360/10; 358/127; 360/33**
 [58] Field of Search 360/9, 10, 14, 32, 33, 360/38, 40; 358/4, 127, 8

[56] **References Cited**
U.S. PATENT DOCUMENTS
 3,541,244 11/1970 Law 360/9
 3,571,502 3/1971 Law 360/9
 4,016,361 4/1977 Pandey 360/9 X

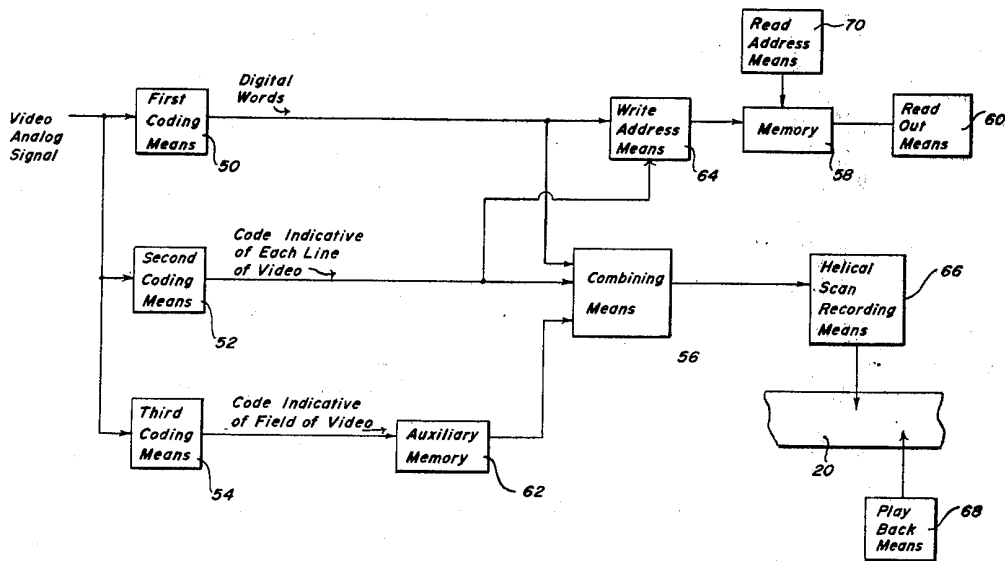
4,159,480 6/1979 Tachi 358/4 X

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[57] **ABSTRACT**

A method and apparatus are disclosed for assembling digital data representing a T. V. picture, including the steps of producing digital words representing a line of video, producing a digital code indicative of each line of video, producing a digital code indicative of the field containing the line, combining the digital codes and the digital words for each line of video, storing the digital words line-by-line until a number of lines in a field has been stored, and reading out the digital words. One advantage afforded by the invention is that for fast winding during editing, the stored field of video can be made up of lines derived from a number of different storage fields, thereby not only reducing the amount of storage required, but also speeding up the process.

16 Claims, 11 Drawing Figures



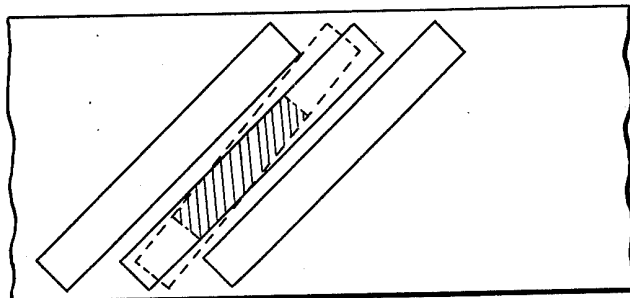


FIG. 1.

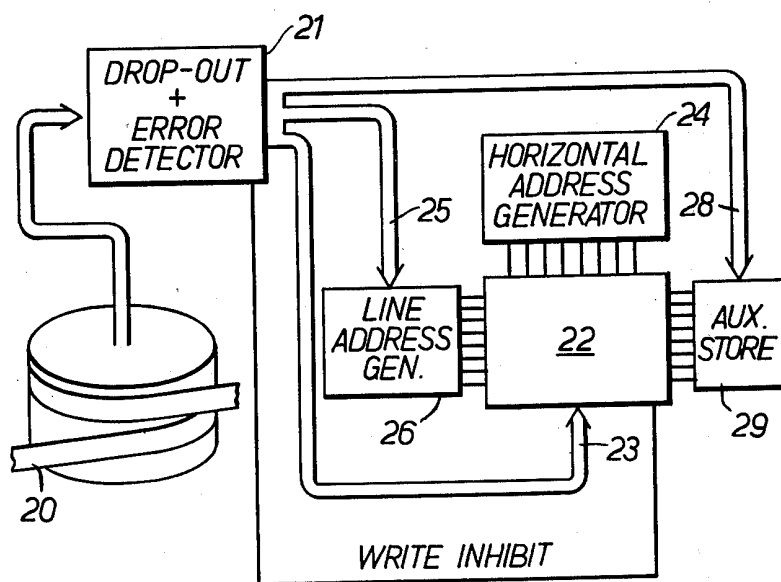


FIG. 2.

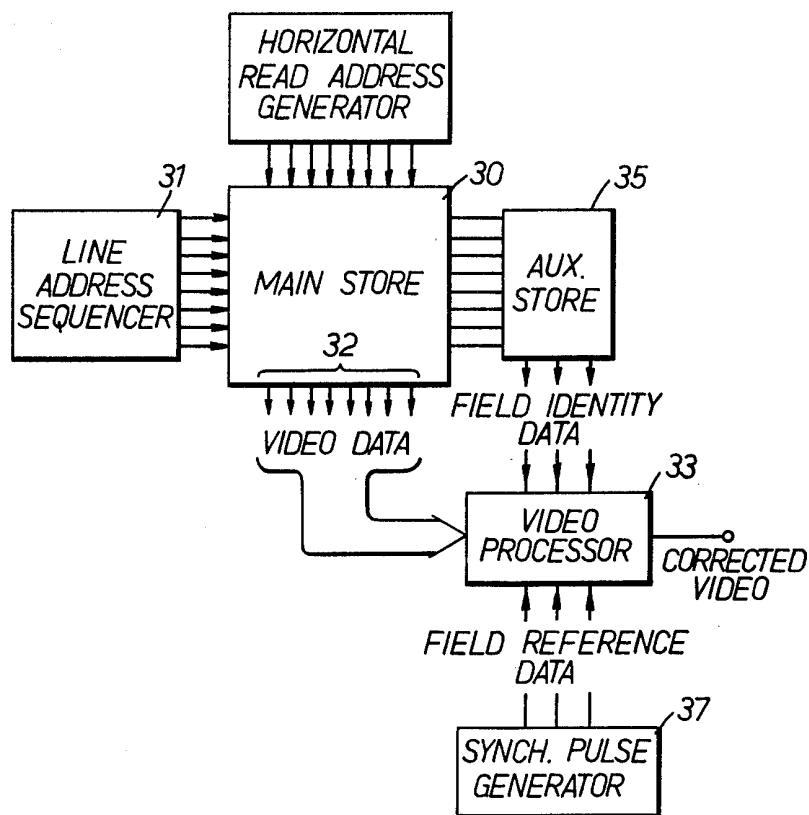
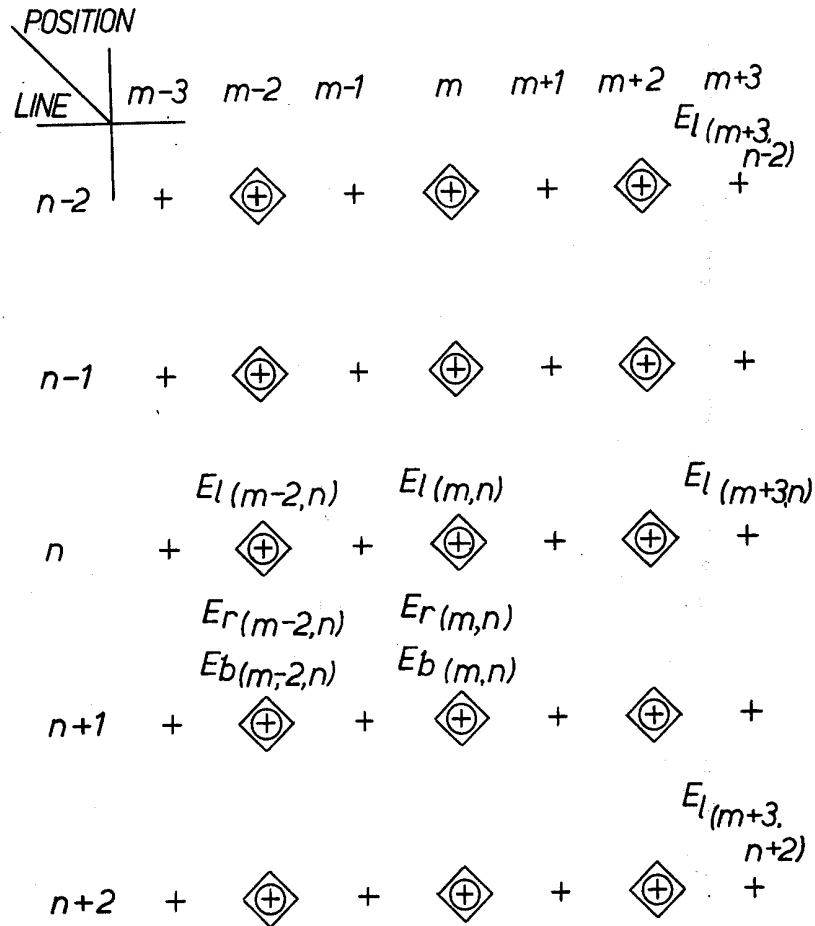


Fig. 3.



+ LUMINANCE SAMPLE POINT

○ CHROMINANCE SAMPLE POINT eg R-Y

◇ CHROMINANCE SAMPLE POINT eg B-Y

Fig.4.

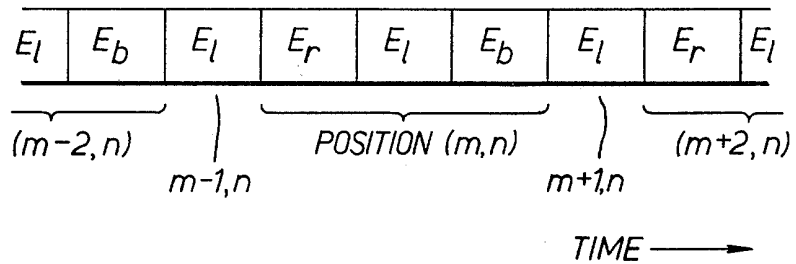


FIG. 5.

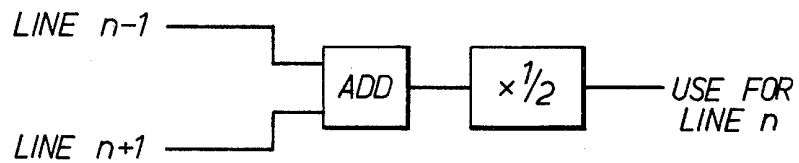


FIG. 6.

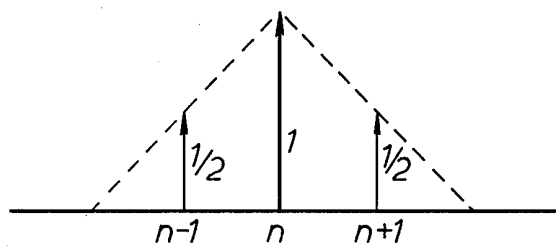


FIG. 7.

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