

[54] **DIGITAL TRANSMISSION SYSTEM FOR TELEVISION VIDEO SIGNALS**

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 Dec. 20, 1977 [JP] Japan ..... 52-153932  
 Mar. 28, 1978 [JP] Japan ..... 53-36335

[51] **Int. Cl.<sup>2</sup>** ..... H04N 7/08

[52] **U.S. Cl.** ..... 358/146

[58] **Field of Search** ..... 358/141, 142, 146

[56] **References Cited**

**U.S. PATENT DOCUMENTS**

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*Attorney, Agent, or Firm*—Sughrue, Rothwell, Mion, Zinn and Macpeak

[57] **ABSTRACT**

A digital transmission system for television video signals of the type which comprises a transmitter and a receiver, the transmitter having a plurality of input terminals for receiving respective television video signals to be transmitted, a plurality of encoding units for encoding the respective video signals into digitized video signals, and a multiplexers for multiplexing the respective digitized video signals in a time division manner, and the receiver having a demultiplexer for receiving the multiplexed video signal from the multiplexer and for separating the same into said digitized video signals, and a plurality of decoding units for decoding the digitized video signals into said respective television video signals, is disclosed.

**11 Claims, 54 Drawing Figures**

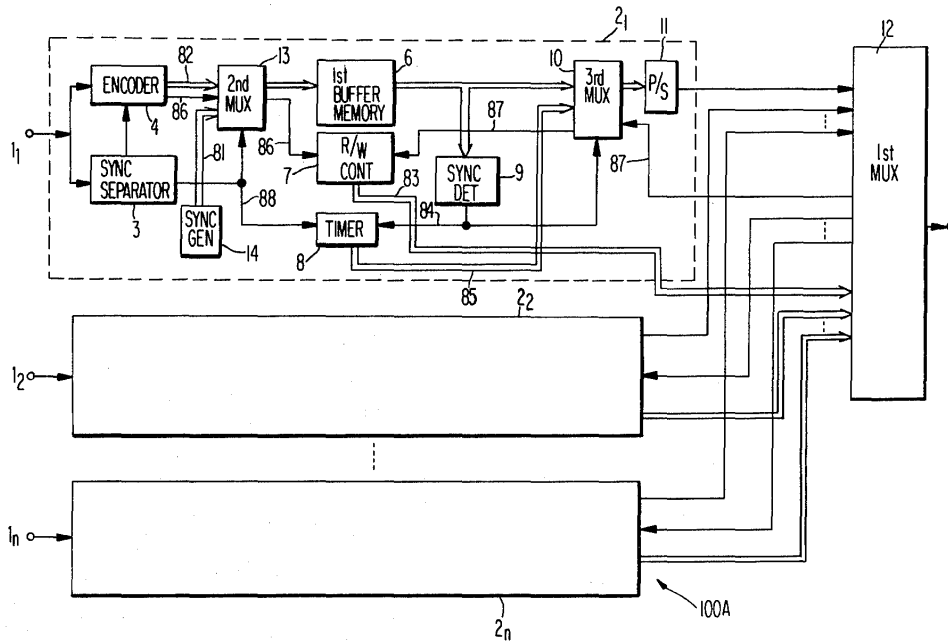


FIG 1

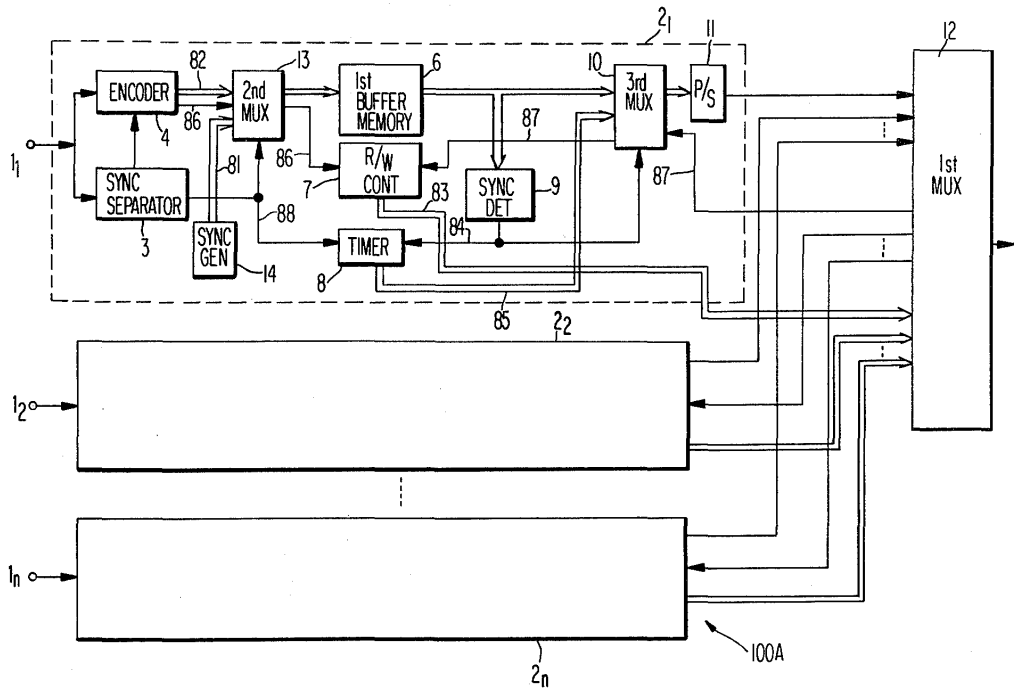
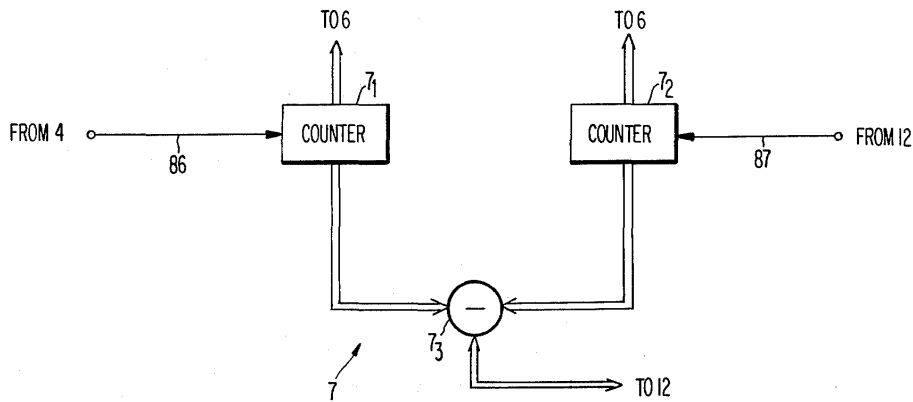
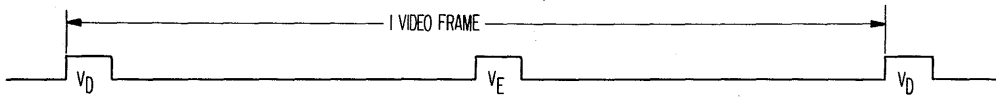


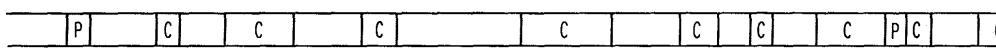
FIG 2



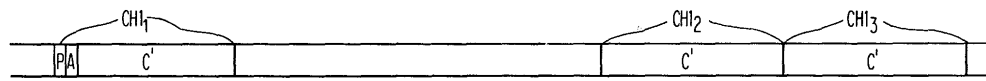
**FIG 3(a)**



**FIG 3(b)**



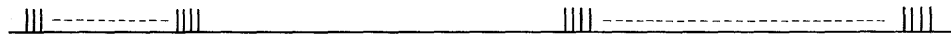
**FIG 4(a)**

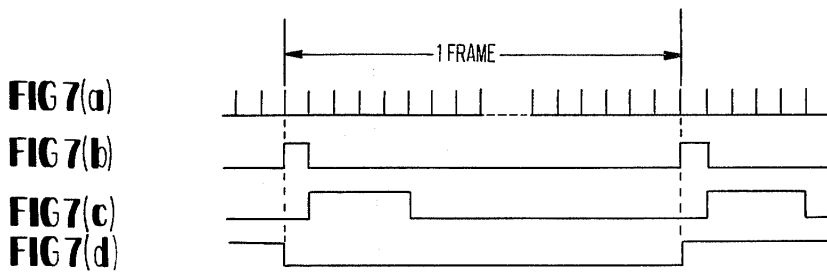
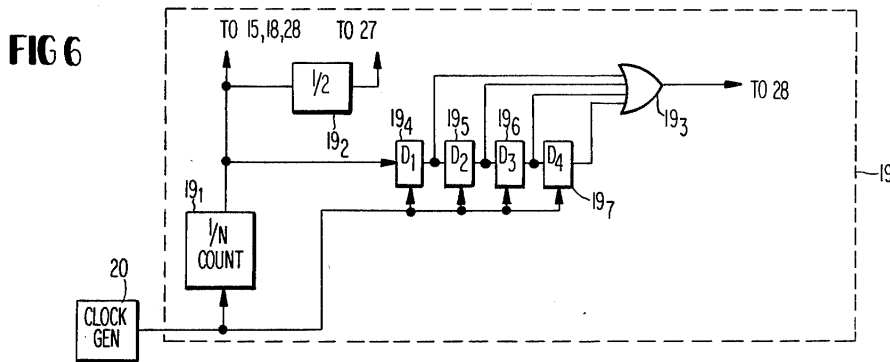
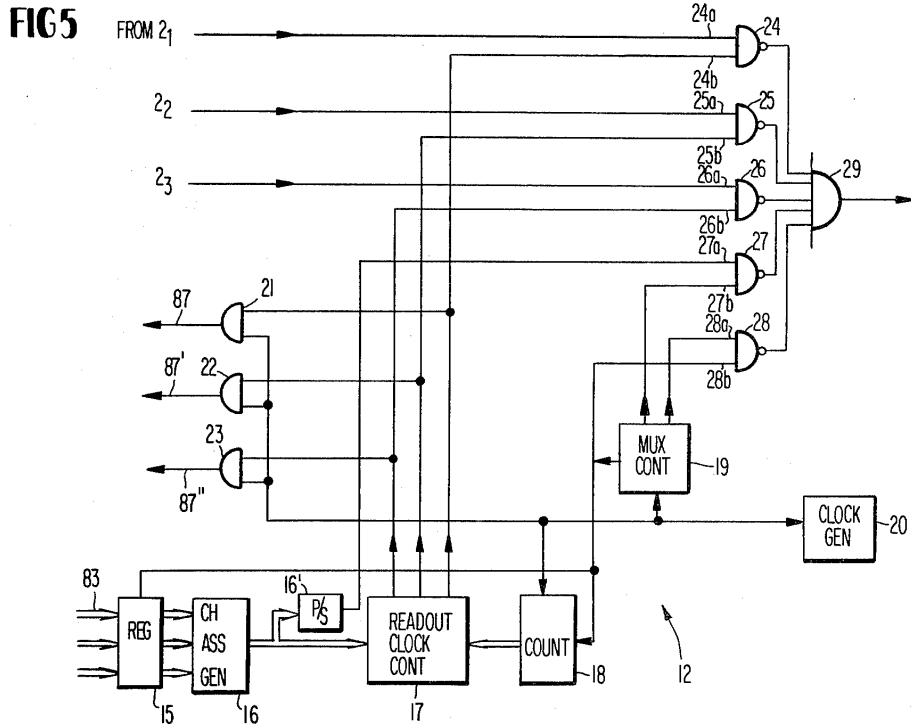


**FIG 4(b)**

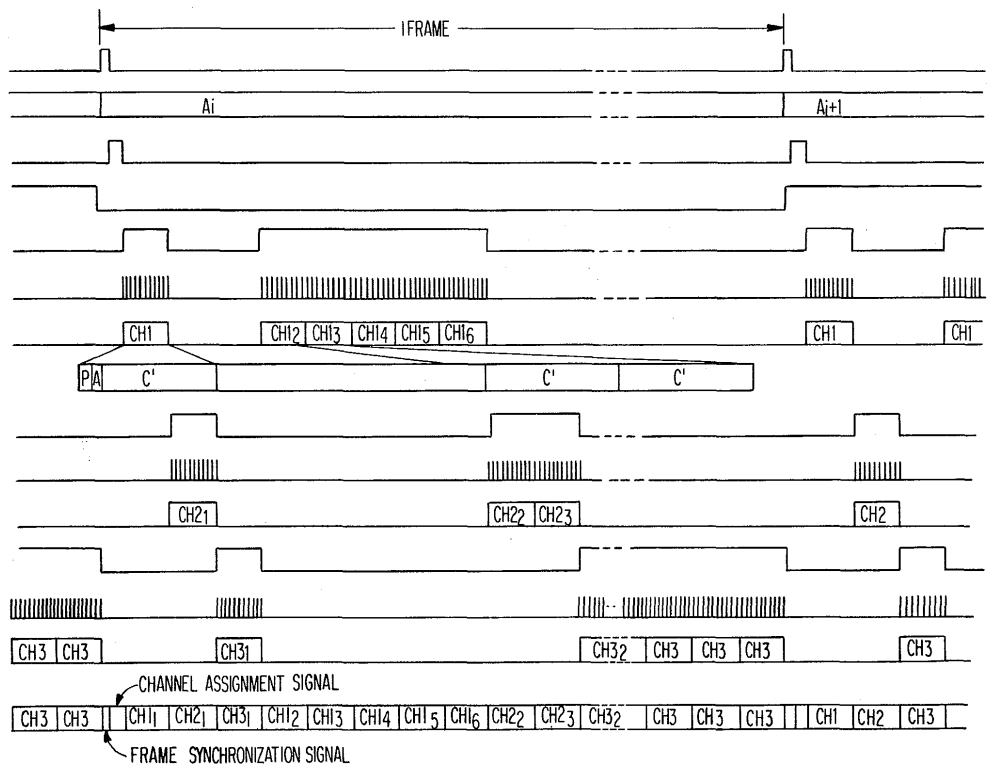


**FIG 4(c)**





**FIG 8(a)**  
**FIG 8(b)**  
**FIG 8(c)**  
**FIG 8(d)**  
**FIG 8(e)**  
**FIG 8(f)**  
**FIG 8(g)**  
**FIG 8(h)**  
**FIG 8(i)**  
**FIG 8(j)**  
**FIG 8(k)**  
**FIG 8(l)**  
**FIG 8(m)**  
**FIG 8(n)**



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