Horowitz

[45] *Dec. 2, 1975

[54]	PAY TELEVISION SYSTEMS				
[75]	Inventor:	Irving Horowitz, Eatontown, N.J.			
[73]	Assignee:	Teleglobe Pay TV System Inc., Rego Park, New York, N.Y.			
[*]	Notice:	The portion of the term of this patent subsequent to July 16, 1991, has been disclaimed.			
[22]	Filed:	Dec. 28, 1973			
[21]	Appl. No.:	429,216			
Related U.S. Application Data					
[62]	Division of 3,824,332.	Ser. No. 227,582, Feb. 18, 1972, Pat. No.			
[52]	U.S. Cl	178/5.1; 178/DIG. 13			
[51]	Int. Cl. ²	H04N 1/44			
[58]	Field of Se	arch 178/5.1, DIG. 13			
[56] References Cited					
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Primary Examiner—Maynard R. Wilbur Assistant Examiner—S. C. Buczinski Attorney, Agent, or Firm—Michael S. Striker

[57] ABSTRACT

Reference pulses of opposite polarity to the horizontal sync pulses are added to the composite television signal just preceding each horizontal sync pulse. The video portion of the signal is inverted for randomly selected fields. Coding bursts are added to the composite signal to indicate whether subsequent field is inverted. Transmitter clamped to reference pulse level. Reference pulse used for AGC in decoder. Video portion of received signal inverted in accordance with coding bursts. Audio program signals encoded by modulation on suppressed carrier centered above audio range. Barker signals transmitted on normal audio frequencies.

6 Claims, 16 Drawing Figures

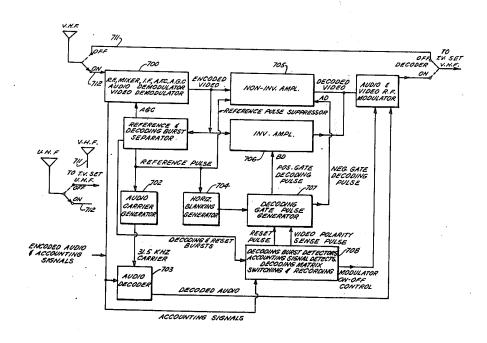
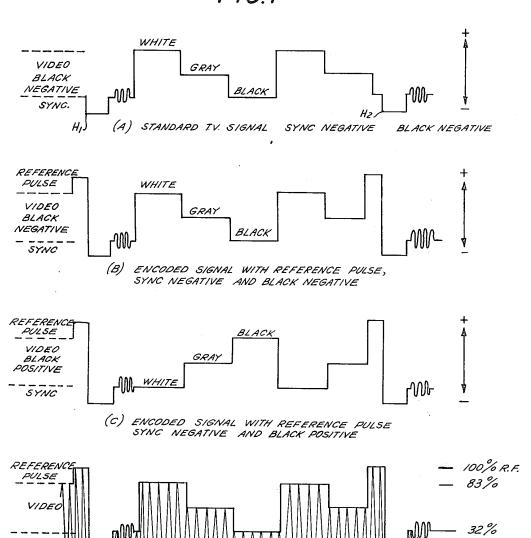


FIG. 1

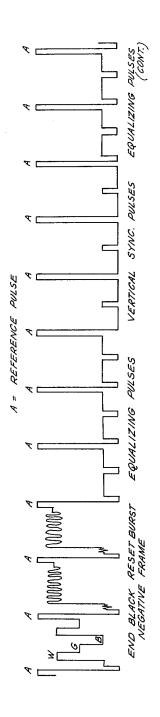


SYNC

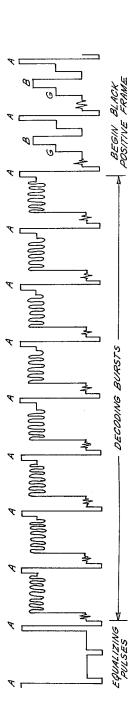
(D) R.F. ENVELOPE

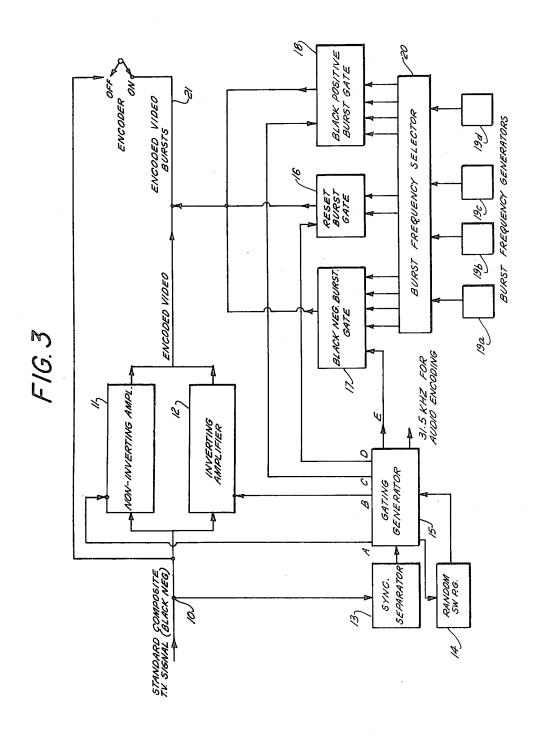
AT PEAK POWER

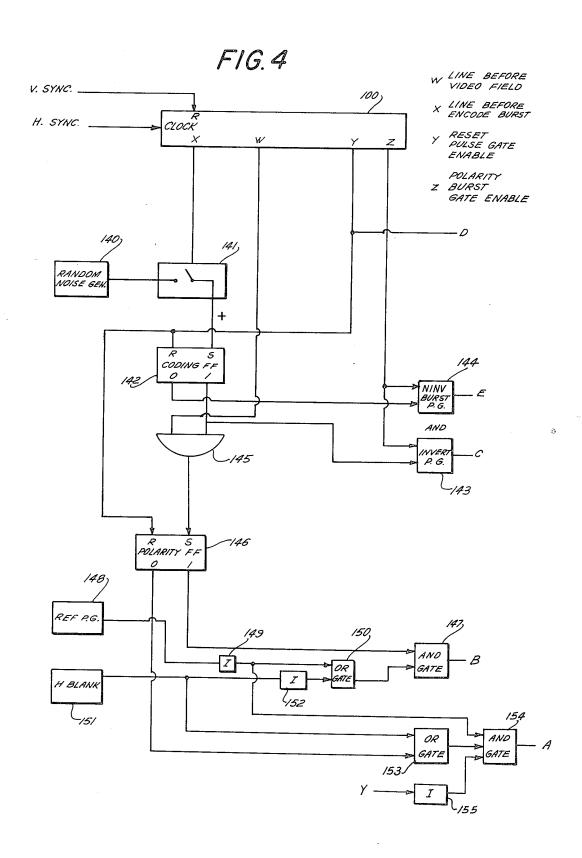
WITH REFERENCE PULSE



Dec. 2, 1975







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