

[54] PAY TELEVISION SYSTEMS

[75] Inventor: Irving Horowitz, Eatontown, N.J.

[73] Assignee: Telelobe 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 Ser. No. 227,582, Feb. 18, 1972, Pat. No. 3,824,332.

[52] U.S. Cl. 178/5.1; 178/DIG. 13

[51] Int. Cl.² H04N 1/44

[58] Field of Search 178/5.1, DIG. 13

[56] References Cited

UNITED STATES PATENTS

2,972,009 2/1961 Roschke 178/5.1

3,081,376 3/1963 Loughlin et al. 178/5.1
3,440,338 4/1969 Walker 178/5.1Primary 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

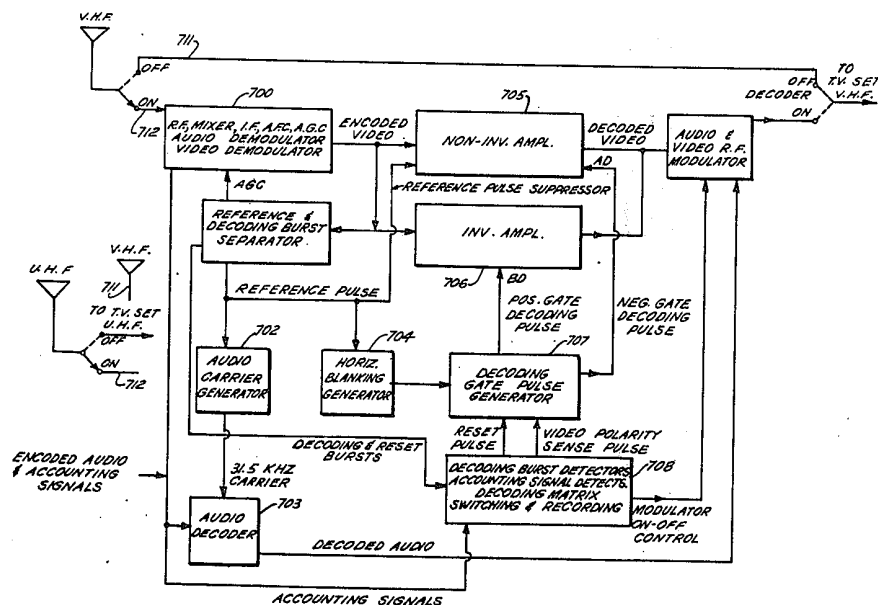


FIG. 1

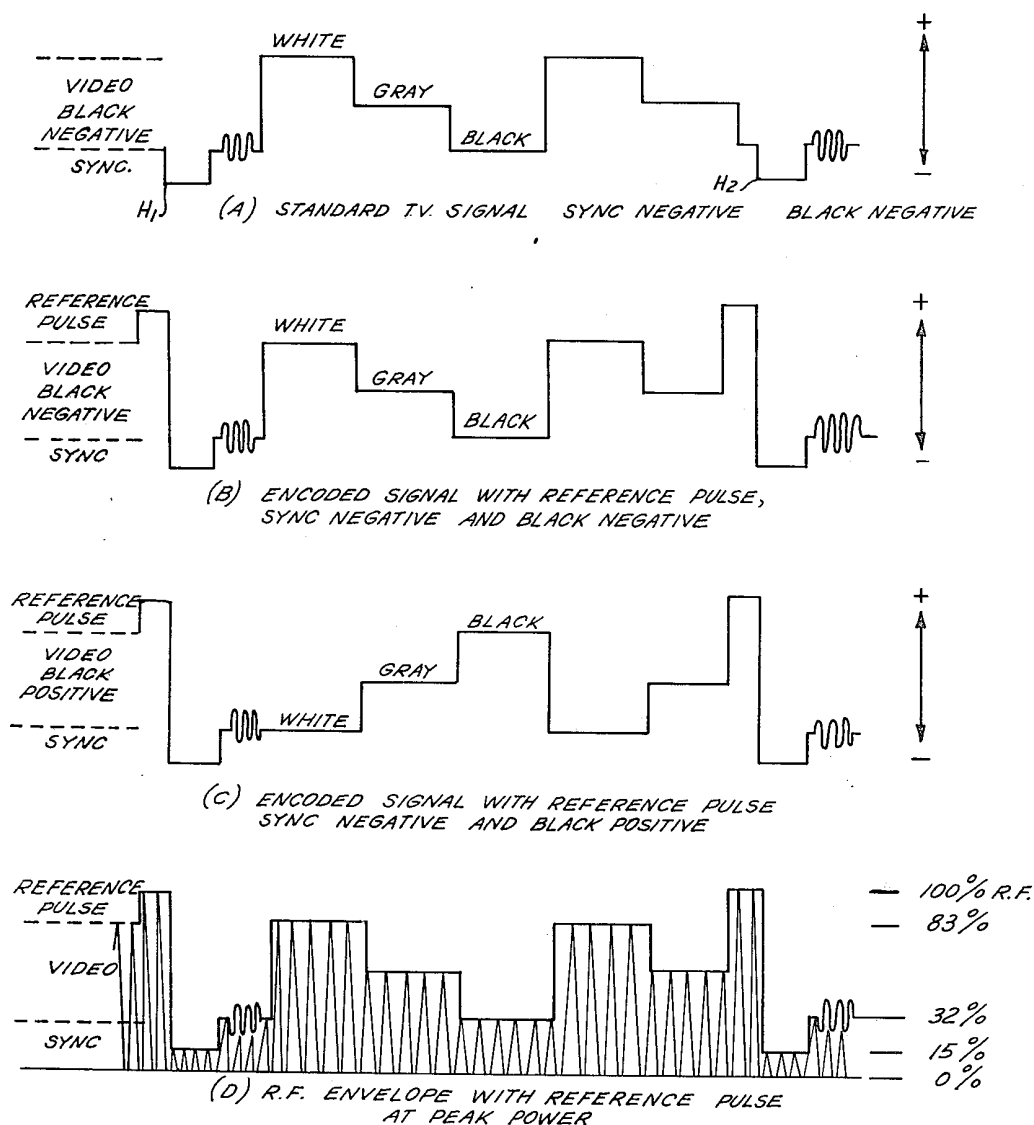


FIG. 3

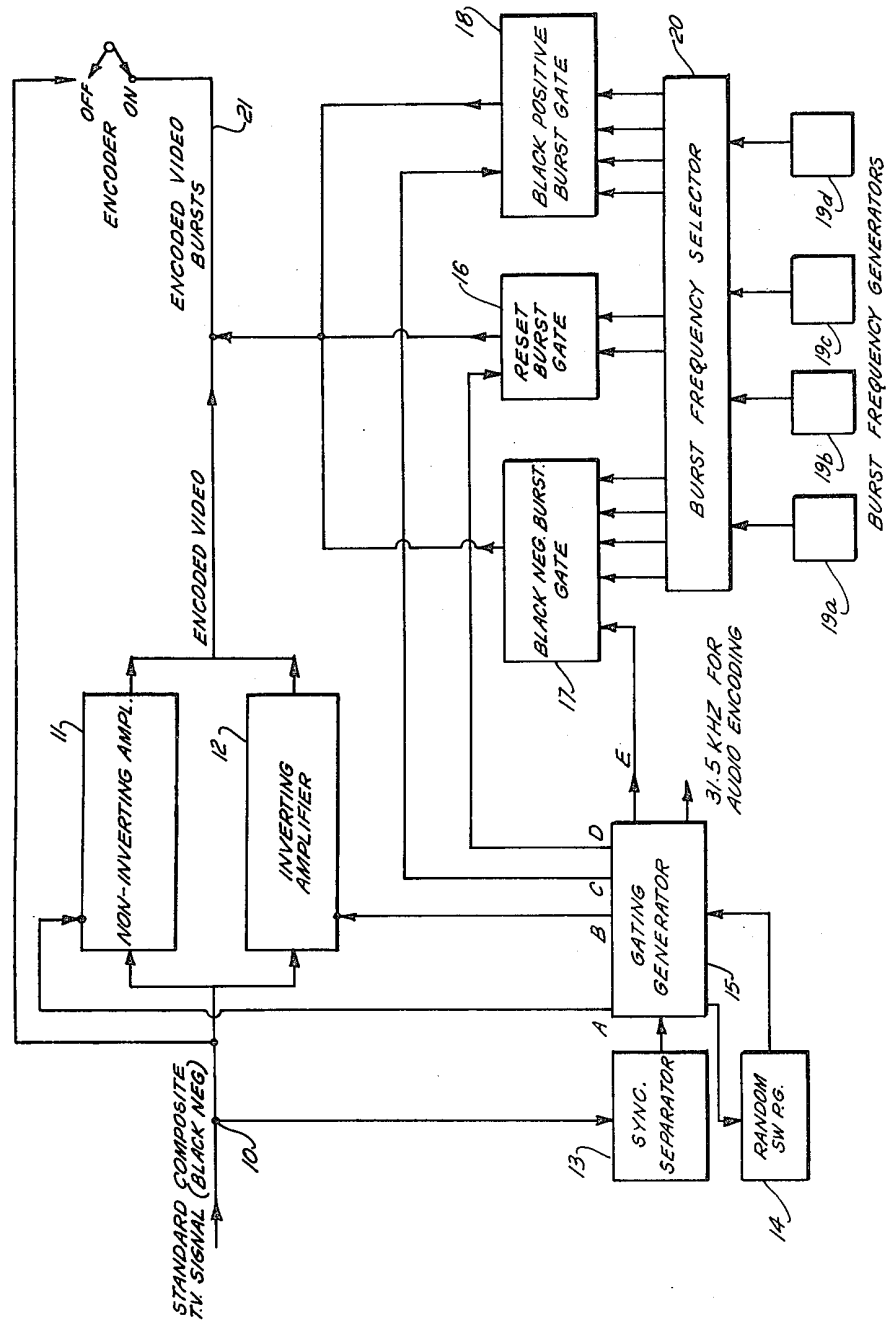
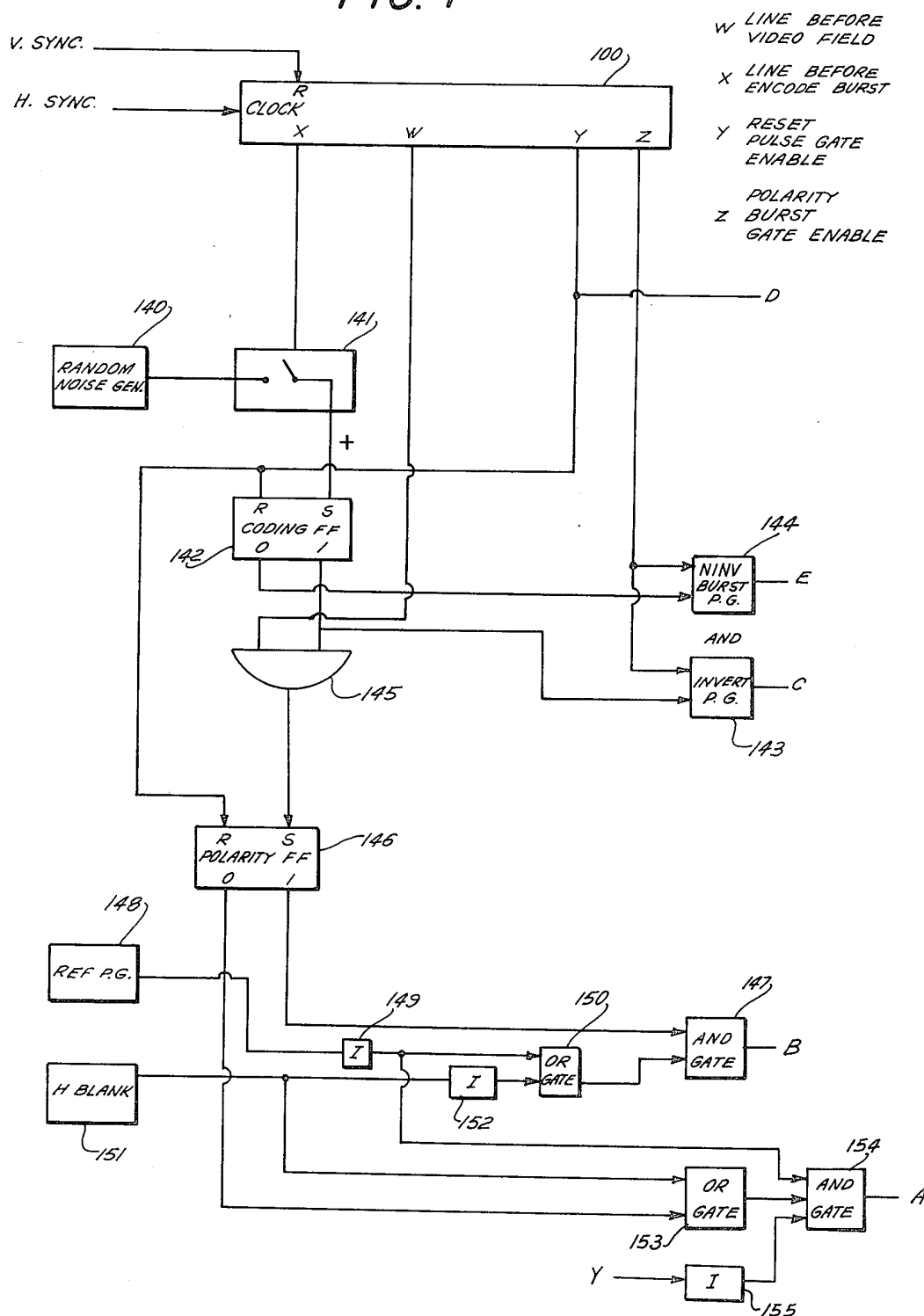


FIG. 4



Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.