

United States

T 358/86

[11] 3,934,079

Barnhart

[45] Jan. 20, 1976

[54] BILATERAL COMMUNICATIONS SYSTEM FOR DISTRIBUTING COMMERCIAL AND PREMIUM VIDEO SIGNALING ON AN ACCOUNTABLE BASIS

3,777,053 12/1973 Wittig et al. 178/5.1
3,790,700 2/1974 Callais et al. 178/5.1

[75] Inventor: Andrew Wayne Barnhart, Dresher, Pa.

Primary Examiner—Maynard R. Wilbur
Assistant Examiner—S. C. Buczinski
Attorney, Agent, or Firm—John M. Calimafde

[73] Assignee: Jerrold Electronics Corporation, Horsham, Pa.

[57] ABSTRACT

[22] Filed: Oct. 26, 1973

A bilateral communications system, as for CATV application, distributes commercially available and premium video programming on a subscriber demand--directly accountable basis. At least the premium video programming is impressed on the cable in a frequency band and/or format not recoverable by a standard television receiver, absent receipt at a particular subscriber location of a reception-authorizing message from the system head end.

[21] Appl. No.: 409,820

A central processor at the system head end sequentially polls cable subscribers under stored program control, permitting bilateral digital communications between the subscriber and the head end.

[52] U.S. Cl. 178/5.1; 178/DIG. 13; 325/31; 325/308

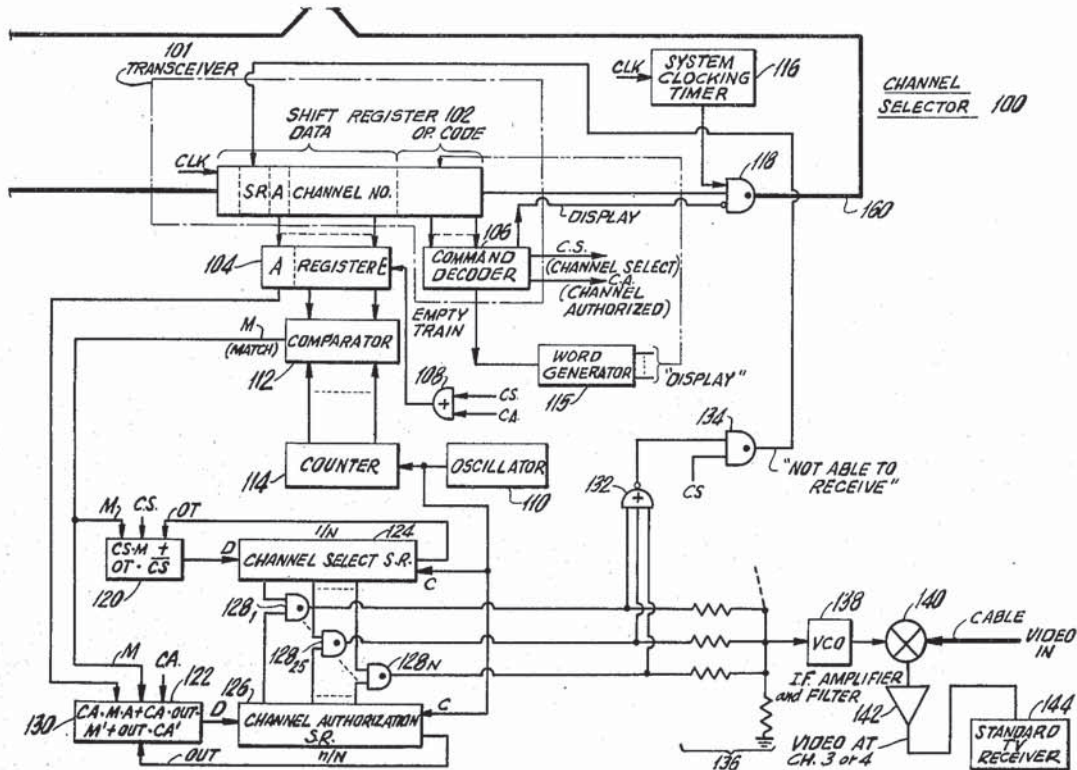
[51] Int. Cl.² H04N 1/44

[58] Field of Search 178/5.1, DIG. 13; 325/308, 325/31

[56] References Cited
UNITED STATES PATENTS

3,668,307	6/1972	Face et al.	178/5.1
3,733,430	5/1973	Thompson et al.	178/5.1
3,757,225	9/1973	Ulicki	178/5.1

29 Claims, 6 Drawing Figures



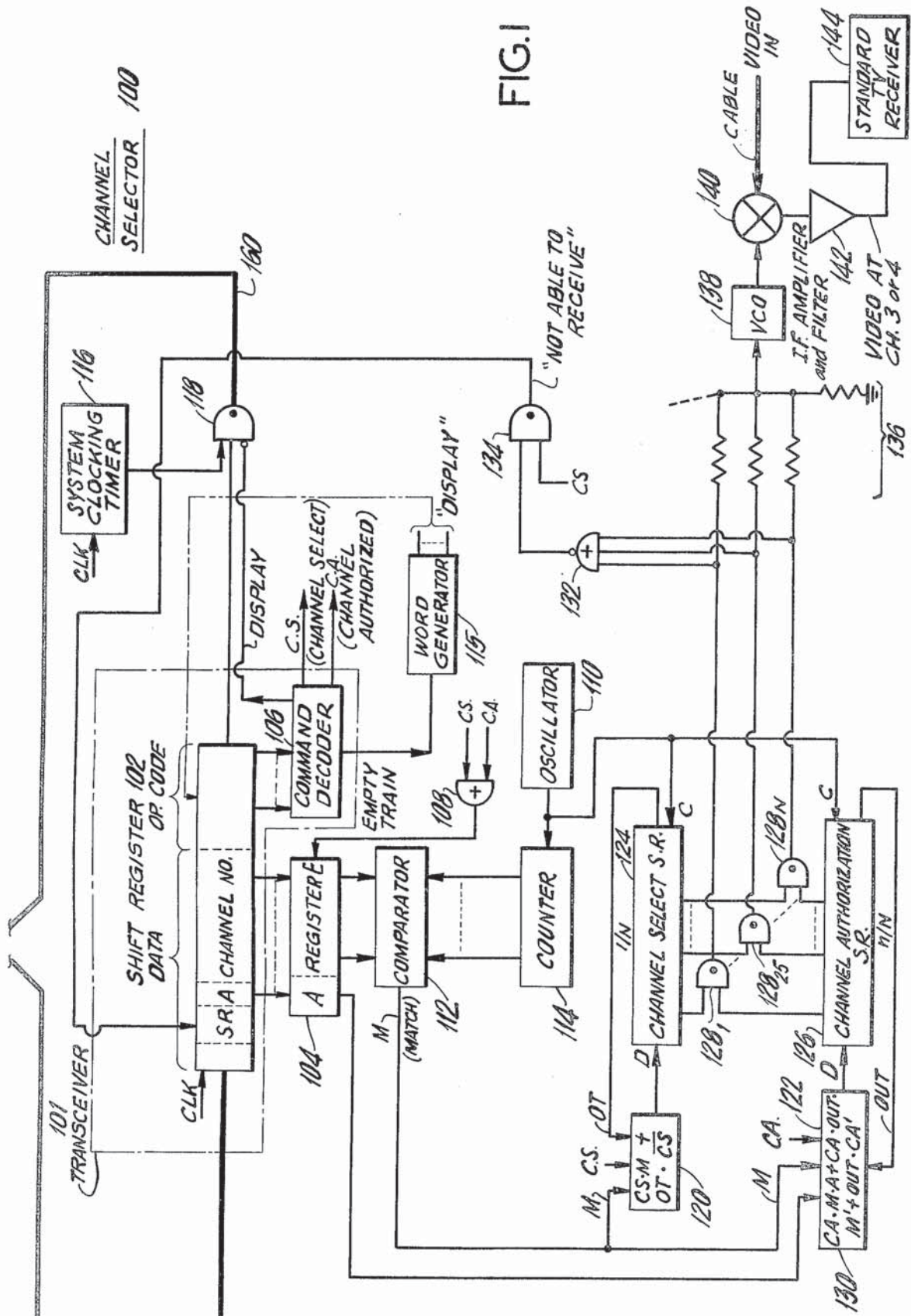


FIG. 1

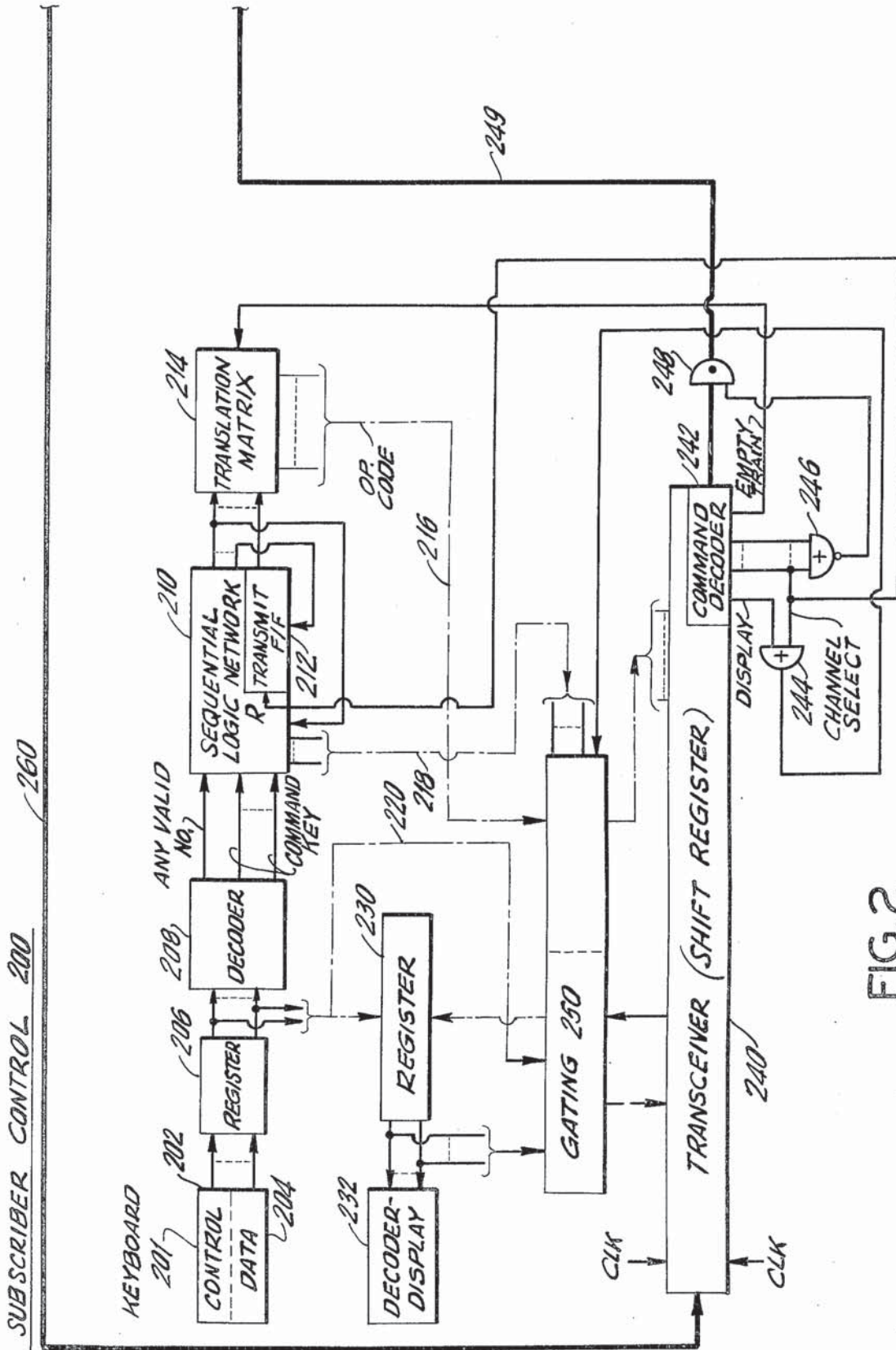


FIG. 2

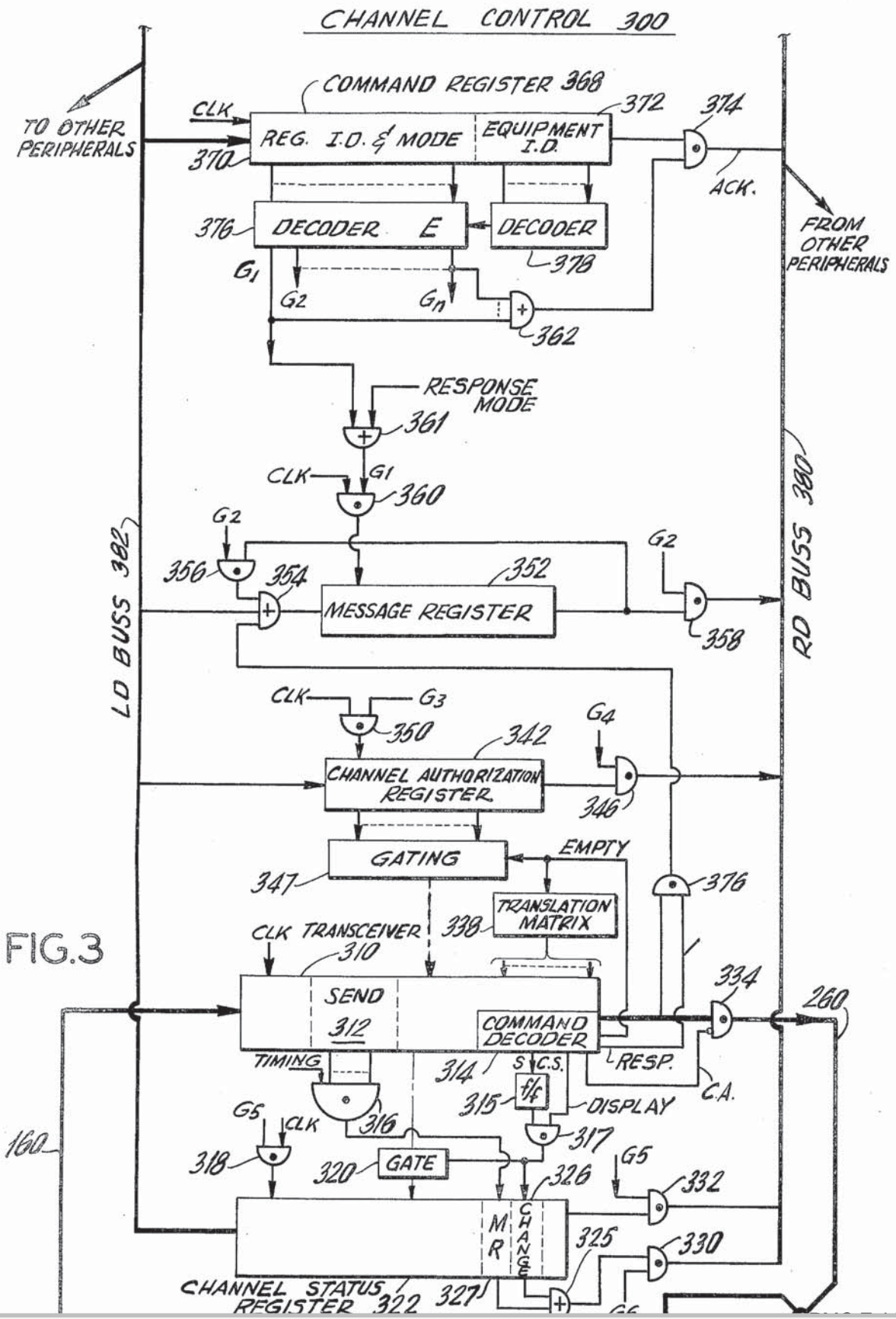


FIG. 3

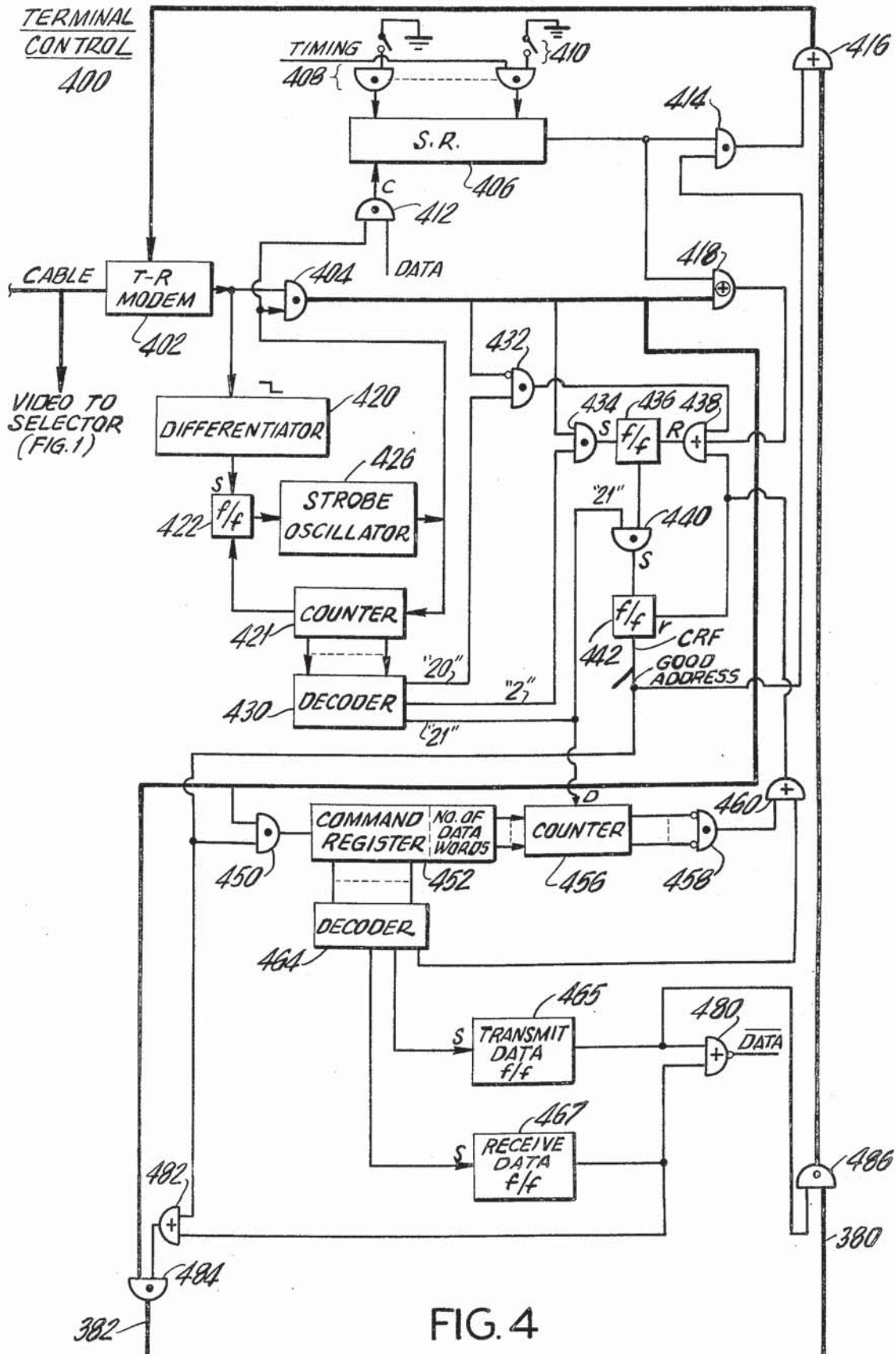


FIG. 4

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.