

[72] Inventors **Robert C. Edson Brielle; Doren Mitchell, Martinsville; George P. Reid, Holmdel, all of, N.J.**  
 [21] Appl. No. **820,131**  
 [22] Filed **Apr. 29, 1969**  
 [45] Patented **Aug. 24, 1971**  
 [73] Assignee **Bell Telephone Laboratories, Incorporated Murray Hill, N.J.**

3,369,073	2/1968	Scholz.....	178/5.6
3,419,674	12/1968	Burns et al.....	179/2
3,423,532	1/1969	Coel et al.....	179/1
3,492,419	1/1970	Bartonik.....	178/6.8
3,515,807	6/1970	Clark.....	179/1

*Primary Examiner*—Robert L. Richardson  
*Assistant Examiner*—P. M. Pecori  
*Attorneys*—R. J. Guenther and E. W. Adams, Jr.

[54] **VIDEO CONFERENCE SYSTEM USING VOICE-SWITCHED CAMERAS**  
**30 Claims, 13 Drawing Figs.**  
 [52] U.S. Cl. .... **178/5.6, 178/5.8, 178/DIG. 30, 179/1 CN, 179/2 TV**  
 [51] Int. Cl. .... **H04n 5/24**  
 [50] Field of Search..... **178/5.6, 5.8, 6 TM, 6 PD, 6, 6.8, 7.2 ST; 179/1 H, 1 CN, 2 TV; 235/51, 52**  
 [56] **References Cited**  
**UNITED STATES PATENTS**  
 3,050,584 8/1962 Miller..... 179/1  
 3,128,348 4/1964 Lummis..... 179/1

**ABSTRACT:** This disclosure relates to a video conference system for a plurality of groups of remotely located conferees. At each group location, a plurality of video cameras are used and the field of each is restricted to a small number of persons in the group. Voice voting and switching are used to determine the location of the person in the group who is talking and to "enable" the appropriate camera, in response thereto, so that the talker will be seen at the remote location. As different people in the group speak, the appropriate cameras covering the same are successively enabled so that the outgoing video signal matches the audio signal. Operational features include a graphic mode, for the remote display of written or graphic material, and a conference leader mode, in which the system is biased in favor of the leader so as to give him substantial control over the conference.

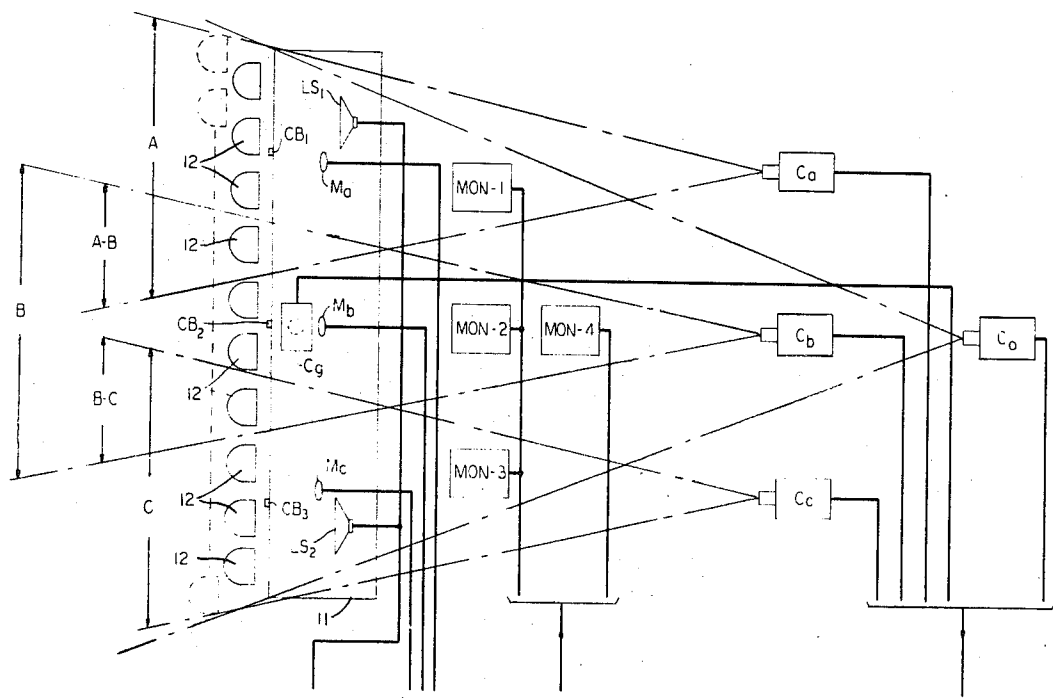
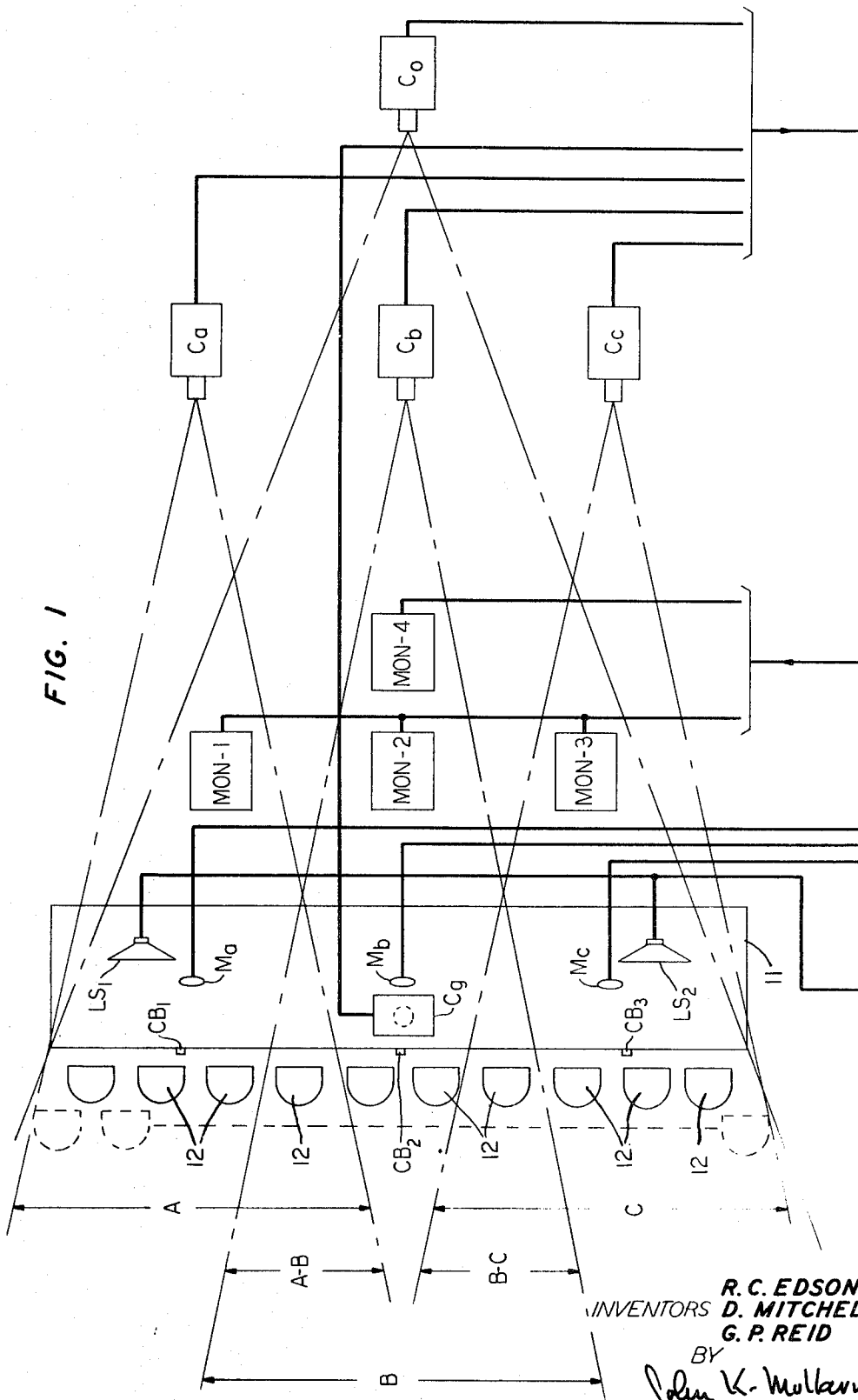


FIG. 1



R. C. EDSON  
D. MITCHELL  
G. P. REID  
INVENTORS

BY  
*John K. Mullaney*  
ATTORNEY

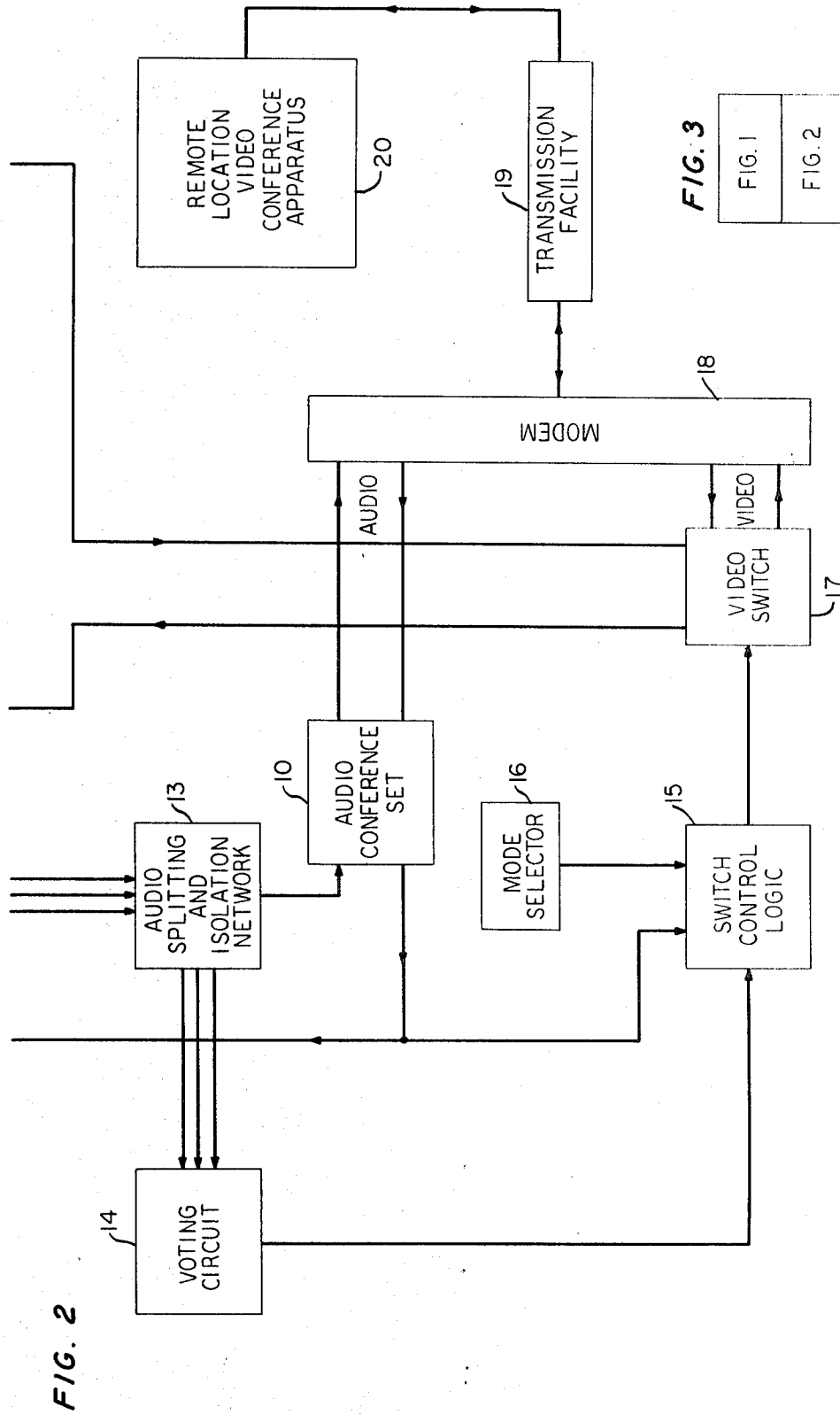
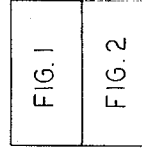


FIG. 3



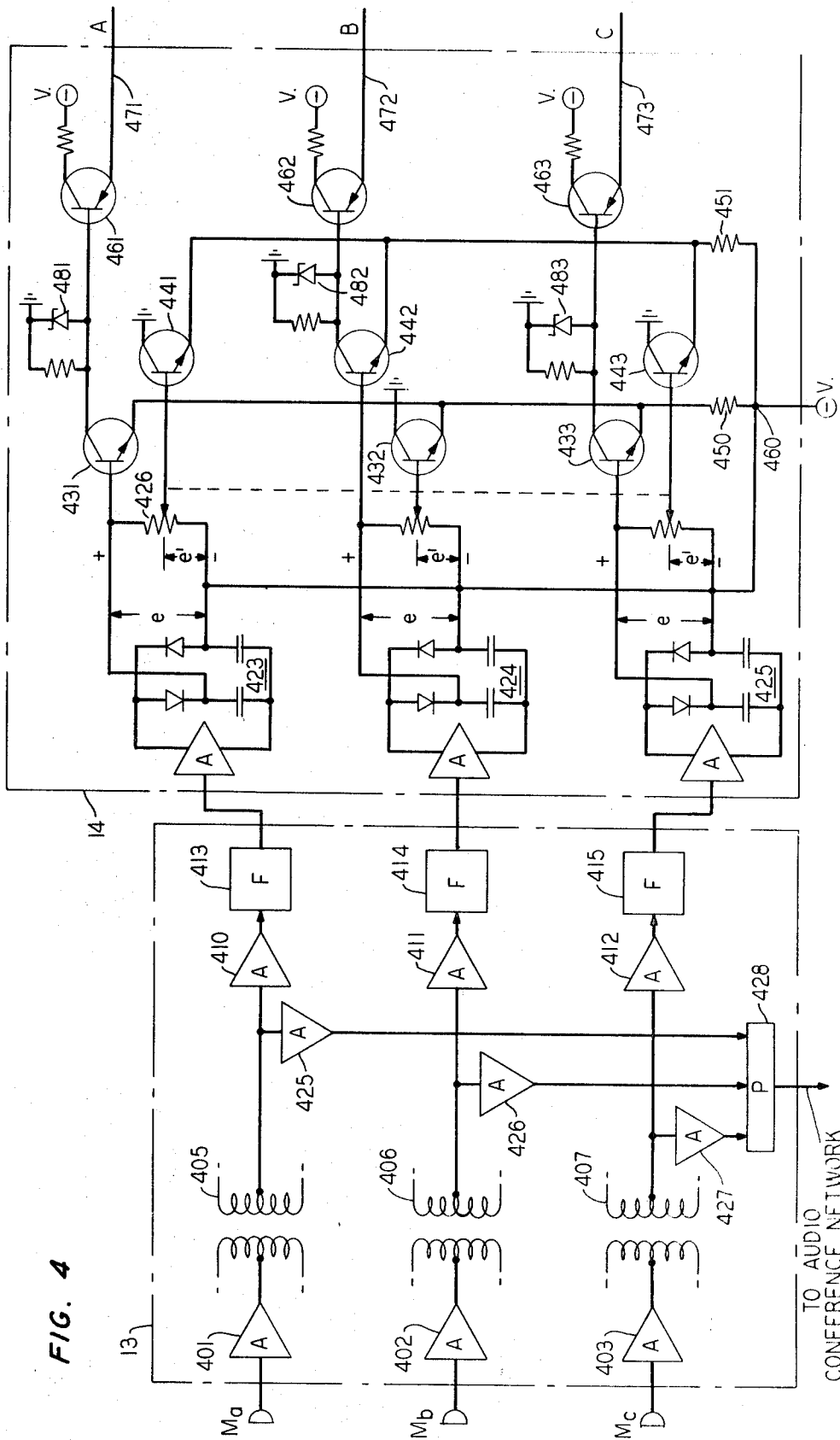
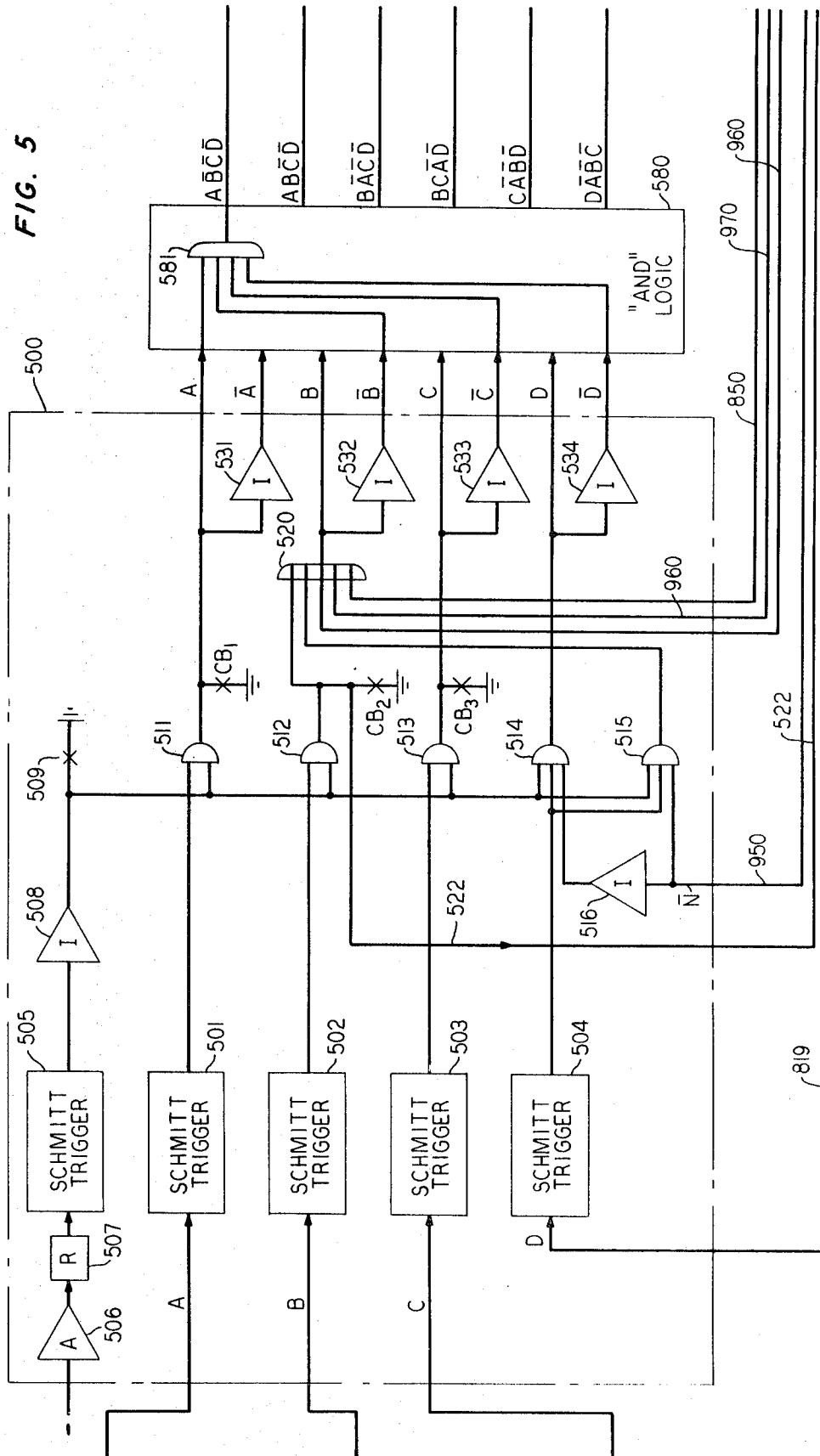


FIG. 4

FIG. 5



# 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.