

- [54] **HIGH DATA RATE SIMULCAST COMMUNICATION SYSTEM**
- [75] Inventors: **Leon Jasinski**, Ft. Lauderdale; **Francis R. Steel**, deceased, late of Parkland; **Lynne A. Steel**, legal representative, Highland Beach, all of Fla.
- [73] Assignee: **Motorola, Inc.**, Schaumburg, Ill.
- [21] Appl. No.: **425,662**
- [22] Filed: **Oct. 23, 1989**

4,816,820 3/1989 Davis 340/825.44
 4,851,820 7/1989 Fernandez 340/825.44
 4,881,073 11/1989 Andros et al. 340/825.44

Primary Examiner—Donald J. Yusko
Assistant Examiner—Eric O. Pudup
Attorney, Agent, or Firm—Philip P. Macnak; Vincent B. Ingrassia

[57] **ABSTRACT**

A system for transmitting long text messages includes a plurality of transmission cells defining different geographical areas, each having a transmitter for simulcast address transmission at a first data bit rate and for transmitting the address and a message at a second data bit rate higher than the first data bit rate. A paging transceiver generates and transmits an acknowledgment signal in response to receiving a transmitted address at the first data bit rate. Receivers located within each of the transmission cells receive the transmitted acknowledgment signal. An apparatus responsive to the received acknowledgment signal identifies the transmission cell in which the paging transceiver is located effecting the selection of the transmitter in the transmission cell in which the paging transceiver is located to transmit the address and message at the second data bit rate higher than the first data bit rate.

Related U.S. Application Data

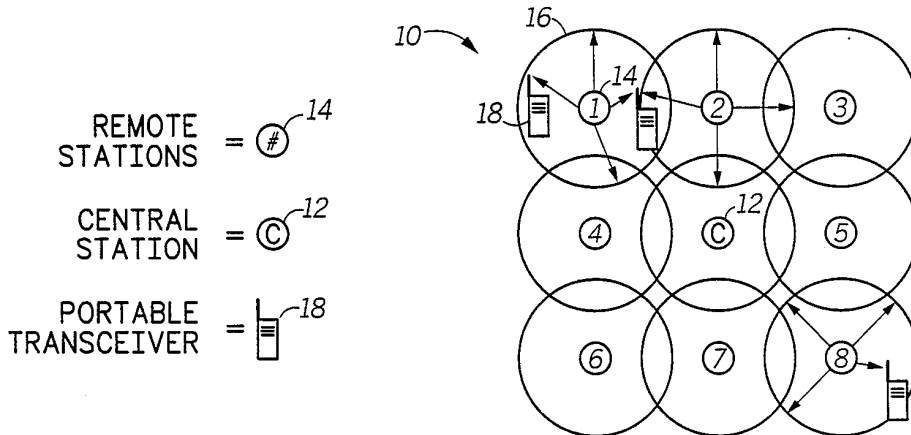
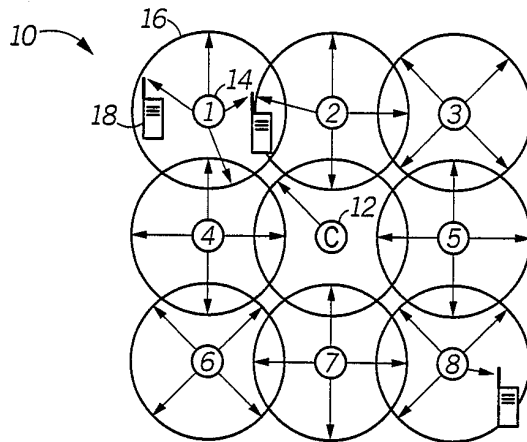
- [62] Division of Ser. No. 257,904, Oct. 13, 1988, Pat. No. 4,918,437.
- [51] Int. Cl.⁵ **H04Q 7/00**
- [52] U.S. Cl. **340/825.44; 379/59; 379/60; 455/33**
- [58] Field of Search 340/311.1, 825.44, 825.47, 340/825.49, 825.52; 379/56, 57, 58, 69, 60; 455/33, 34, 31; 370/79, 84

References Cited

U.S. PATENT DOCUMENTS

- 4,618,860 10/1986 Mori 379/57
- 4,642,632 2/1987 Ohyagi et al. 340/825.44
- 4,811,376 3/1989 Davis et al. 340/825.44

9 Claims, 16 Drawing Sheets



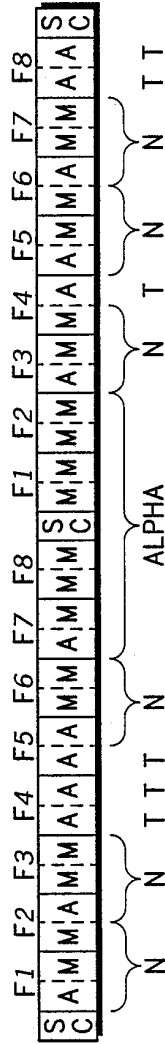


FIG. 1
-PRIOR ART-

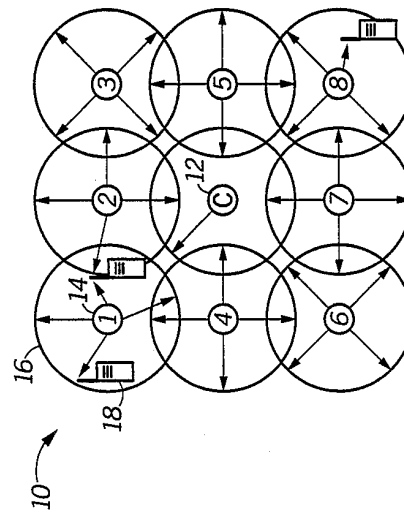


FIG. 2A

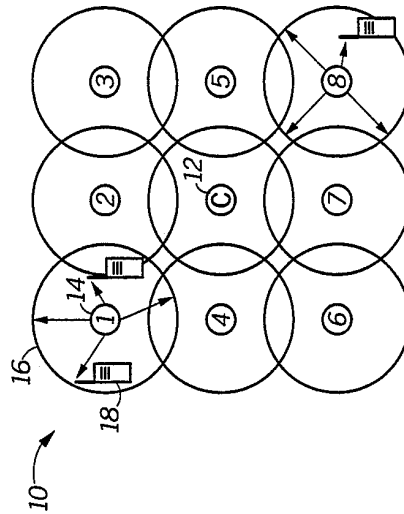


FIG. 2B

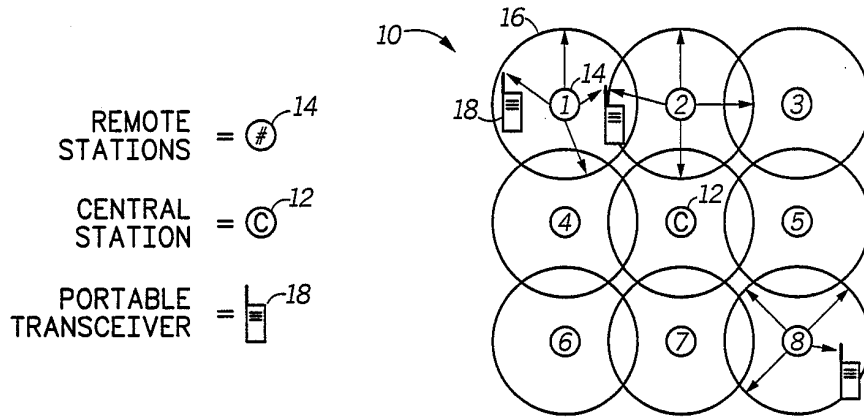


FIG. 2C

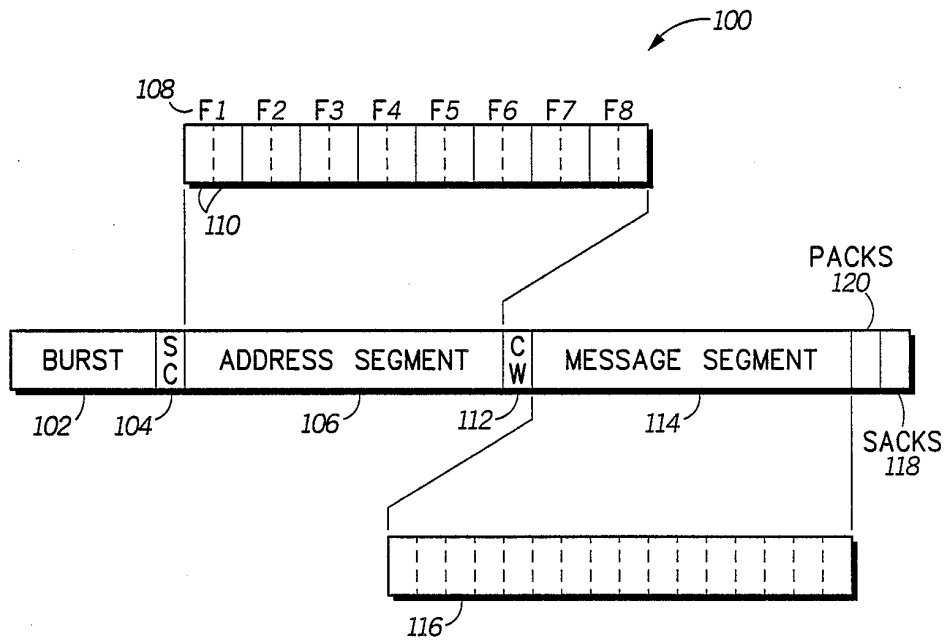
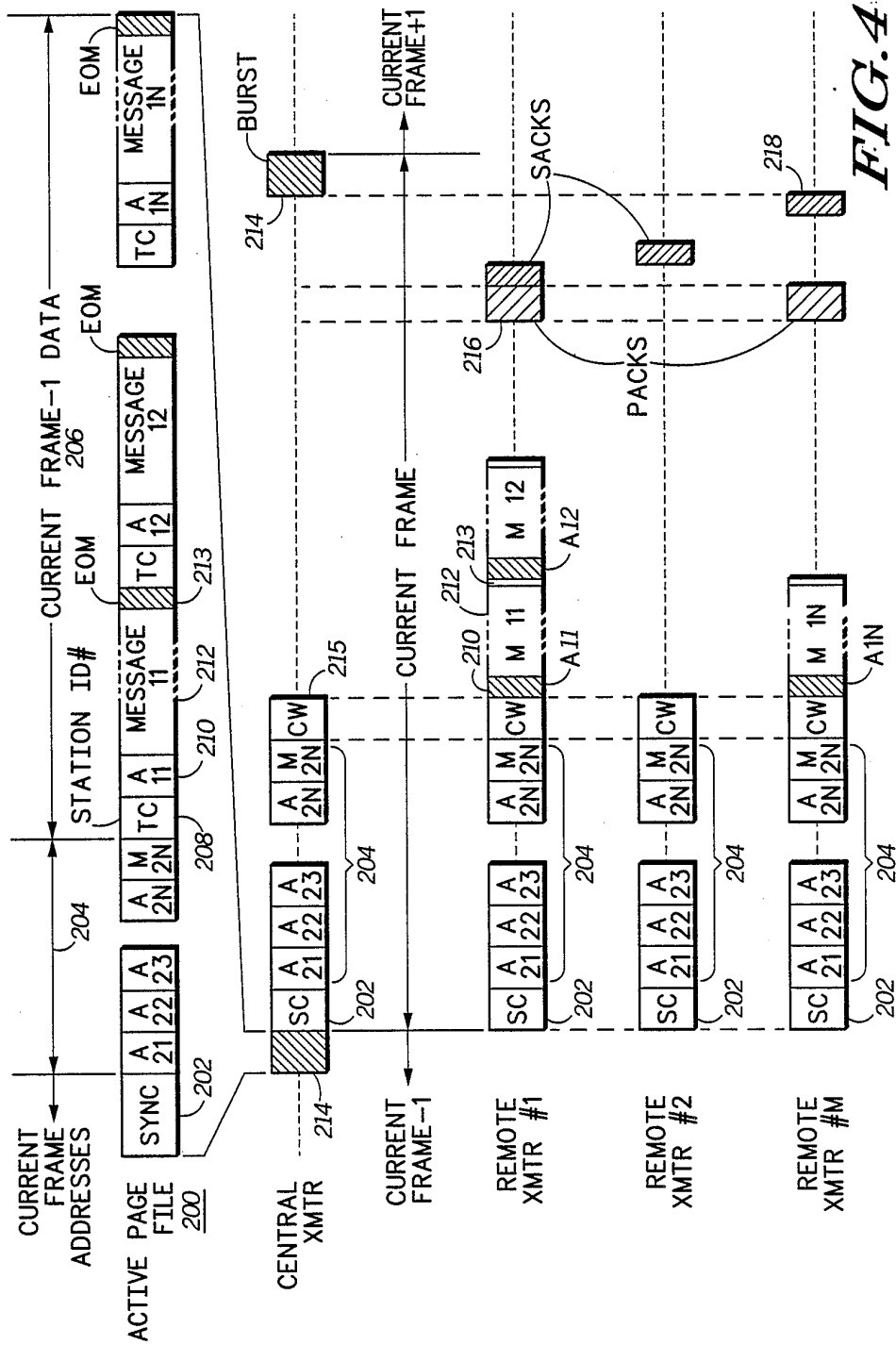


FIG. 3



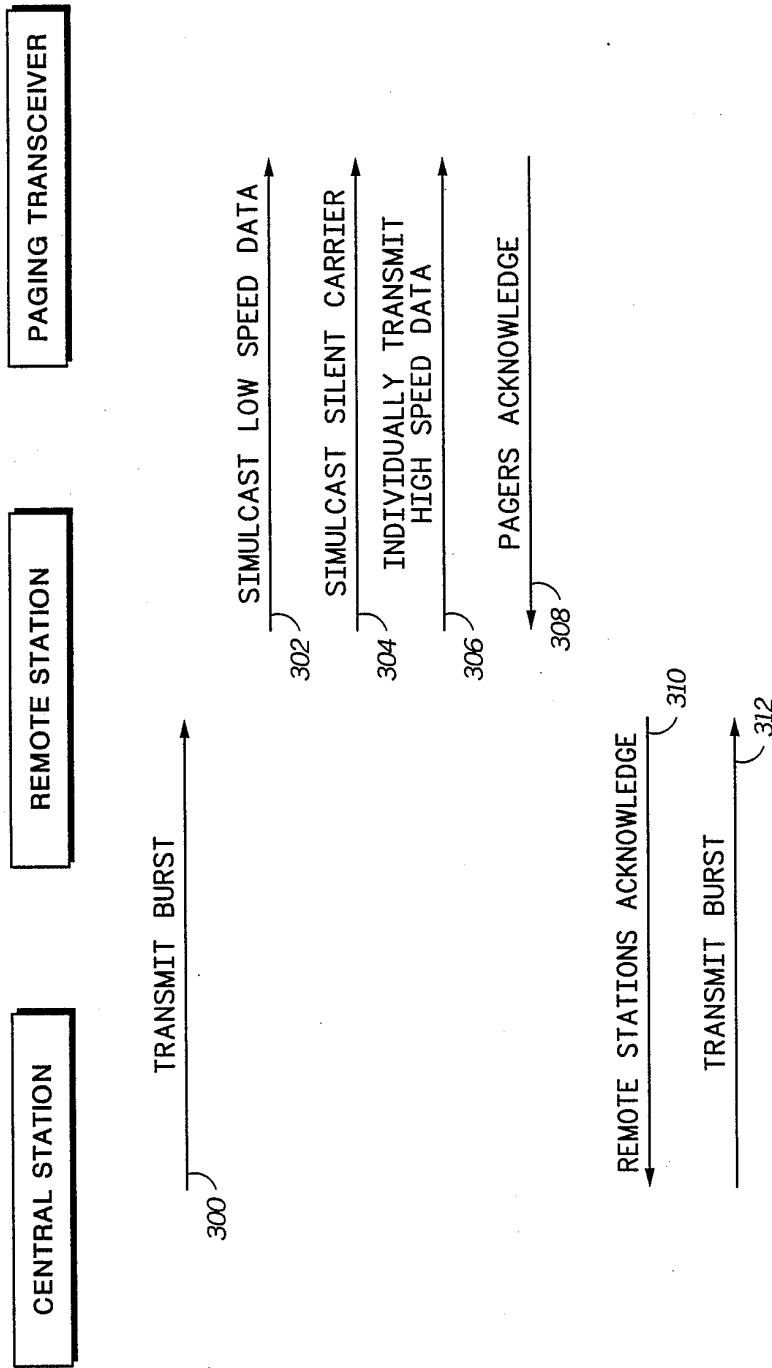


FIG. 5

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.