



[54] METHOD TO ALLOW A RADIO TRANSCEIVER TO AUTOMATICALLY SELECT FROM AMONGST MULTIPLE RADIO SYSTEMS

[75] Inventor: Carl B. Olson, San Carlos, Calif.

[73] Assignee: Motorola, Inc., Schaumburg, Ill.

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OTHER PUBLICATIONS

Motorola® Systems Saber® FM Portable Radio Jan. 1, 1990.

Primary Examiner—Jin F. Ng
Assistant Examiner—Philip J. Sobutka
Attorney, Agent, or Firm—Steven G. Parmelee

[57] ABSTRACT

A method and means of automatically accessing several types of radio systems is described. The present invention allows a subscriber unit, which is normally operative in a operator selected radio system, to establish communication with an alternate system if a operator selected system cannot be found. The alternate system may be a conventional single channel mobile relay system or trunked radio system in which the subscriber is authorized to operate. Once communications are established with an alternate communication system, the present invention will periodically attempt to establish communication with the operator selected system while simultaneously attempting to be assigned a higher priority channel in the alternate communication systems according to a priority scan list. Further, the present invention will automatically ignore certain channels which are dedicated for car-to-car use.

Related U.S. Application Data

[63] Continuation-in-part of Ser. No. 687,104, Dec. 28, 1984, abandoned.

[51] Int. Cl.5 H04Q 7/00

[52] U.S. Cl. 455/34.1; 455/54.2; 455/56.1; 455/166.2; 379/58

[58] Field of Search 455/32.1, 33.1, 33.2, 455/33.4, 34.1, 17, 54.1, 54.2, 56.1, 76, 77, 166.2; 379/58

References Cited

U.S. PATENT DOCUMENTS

Table with 4 columns: Patent No., Date, Inventor, and Class No.
4,360,927 11/1982 Bowen et al. 455/54.1
4,534,061 8/1985 Ulug 455/17
4,553,262 11/1985 Coe 455/34.1
4,672,601 6/1987 Ablay 455/54.2

5 Claims, 6 Drawing Sheets

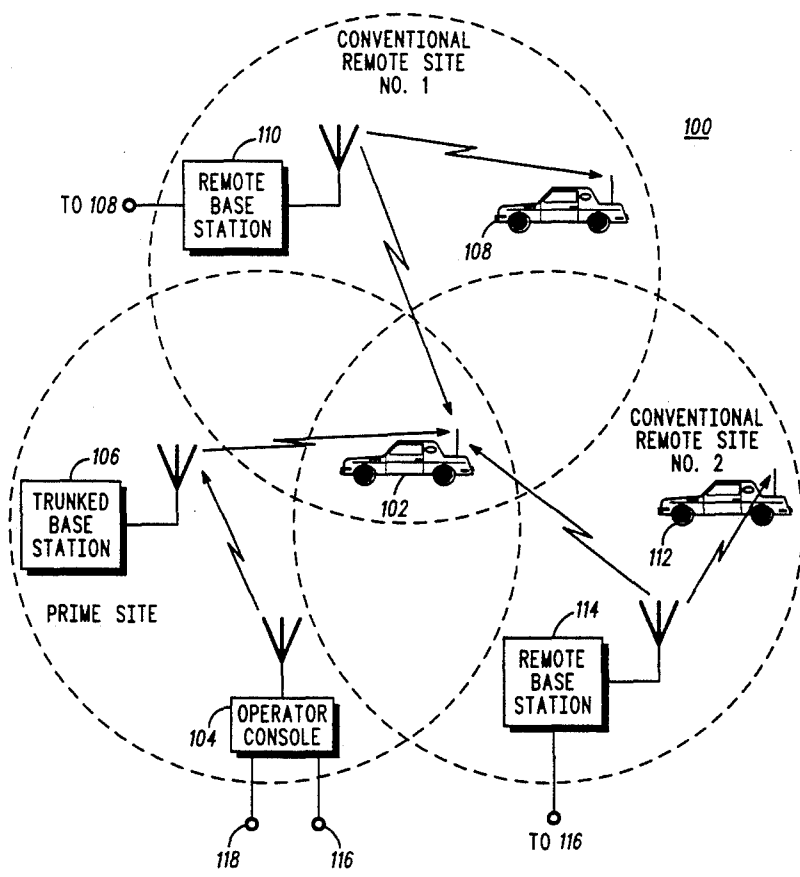


FIG. 1A

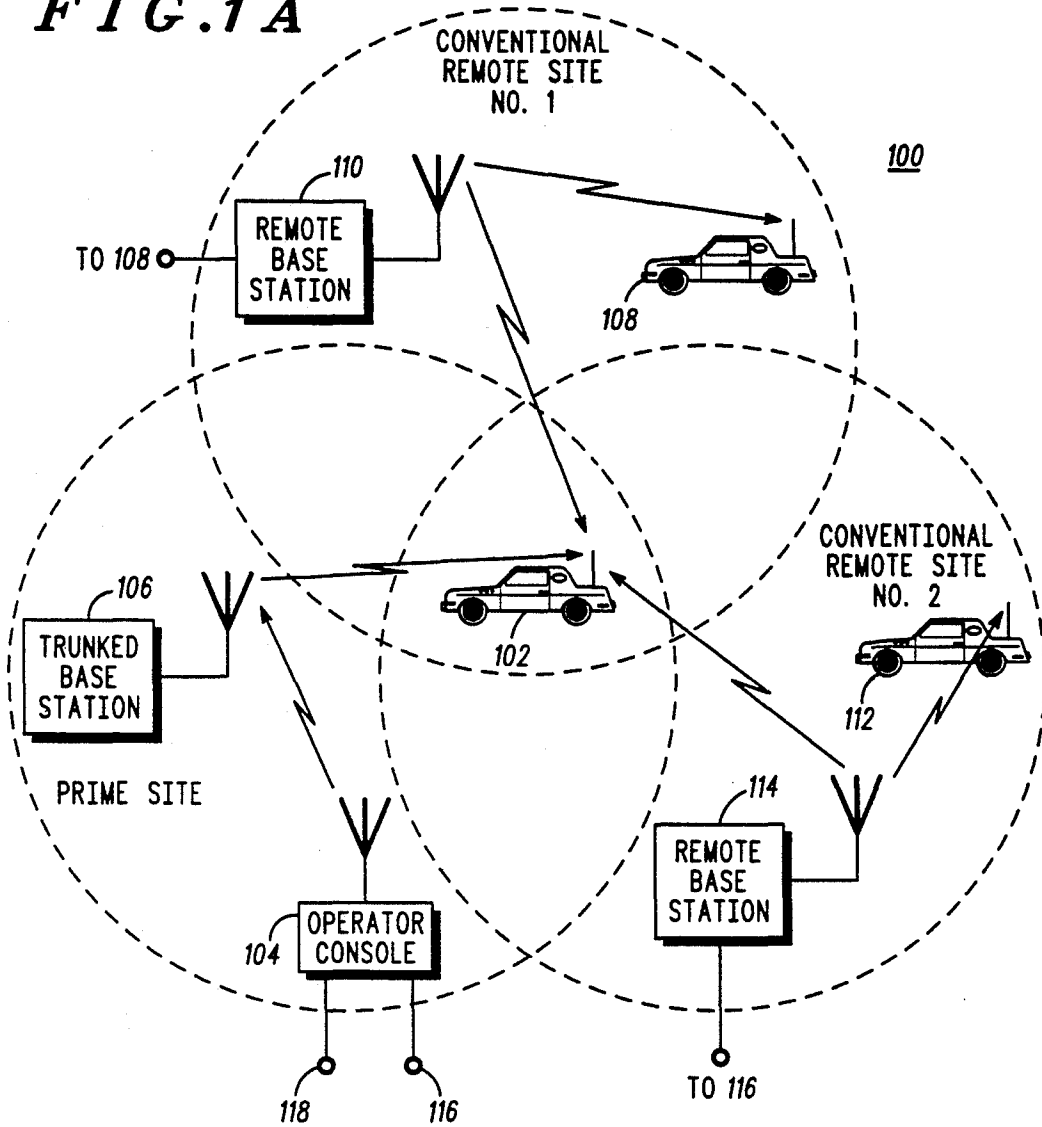
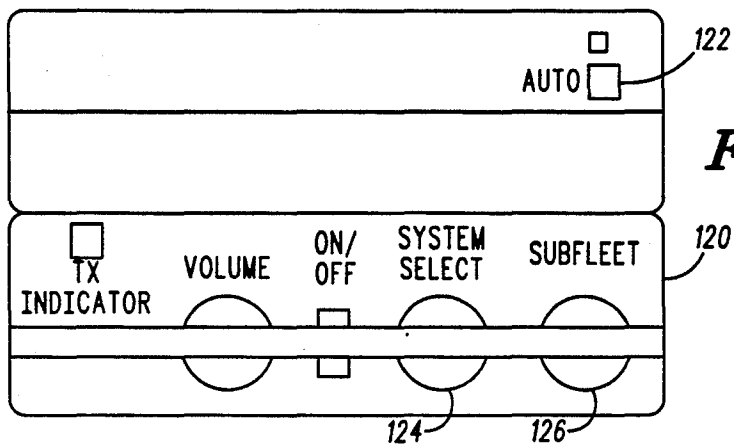


FIG. 1B



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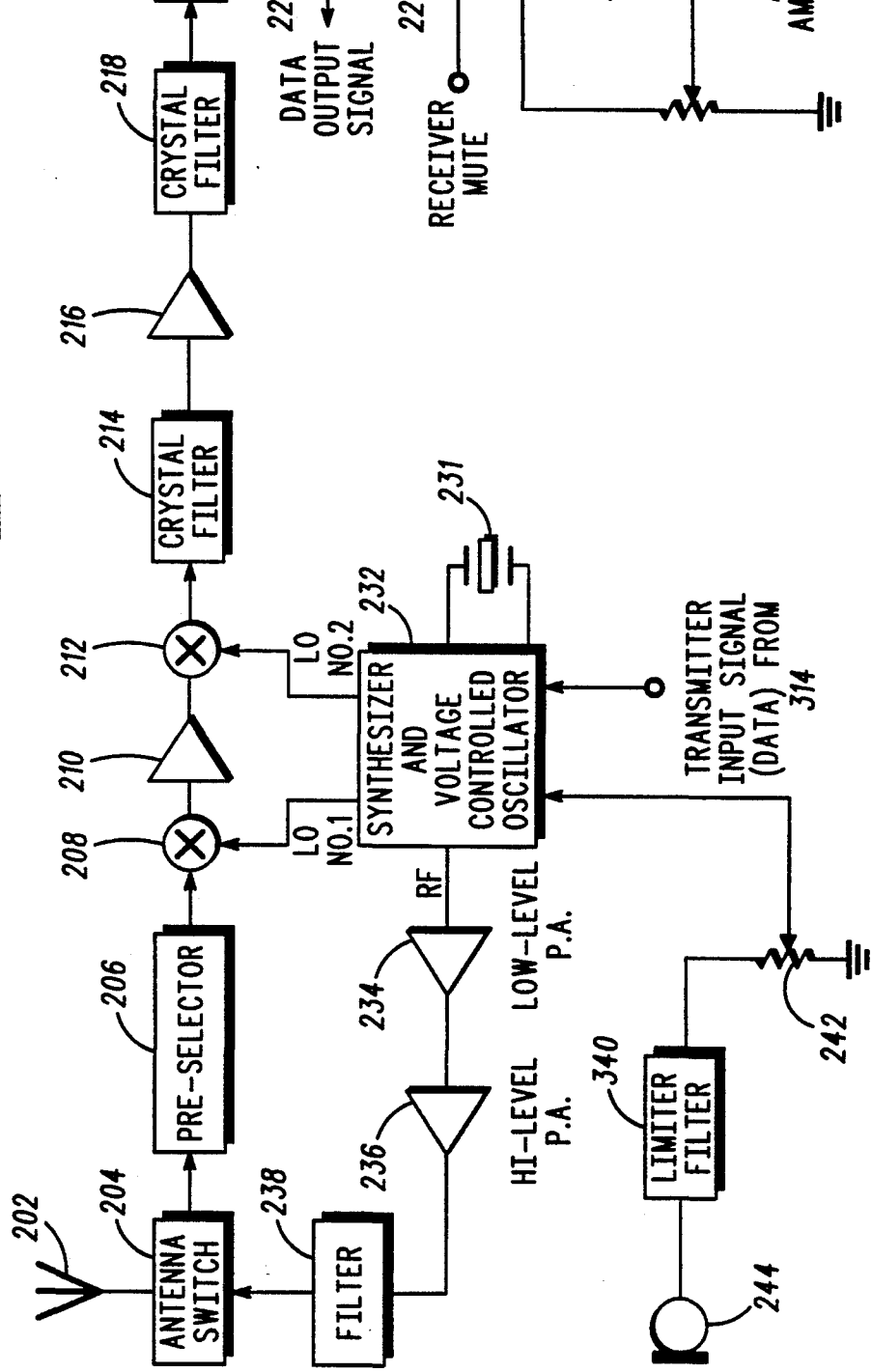
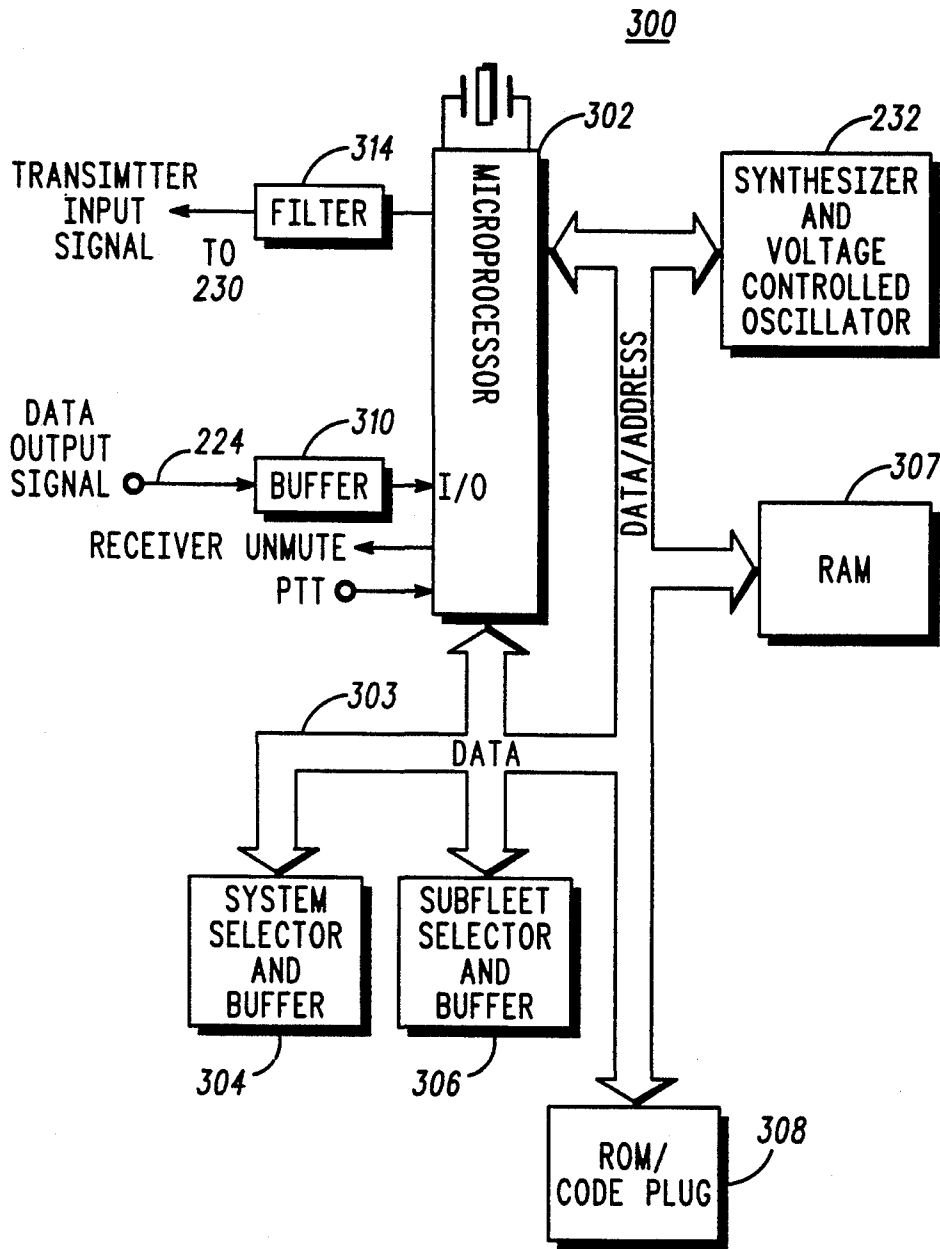
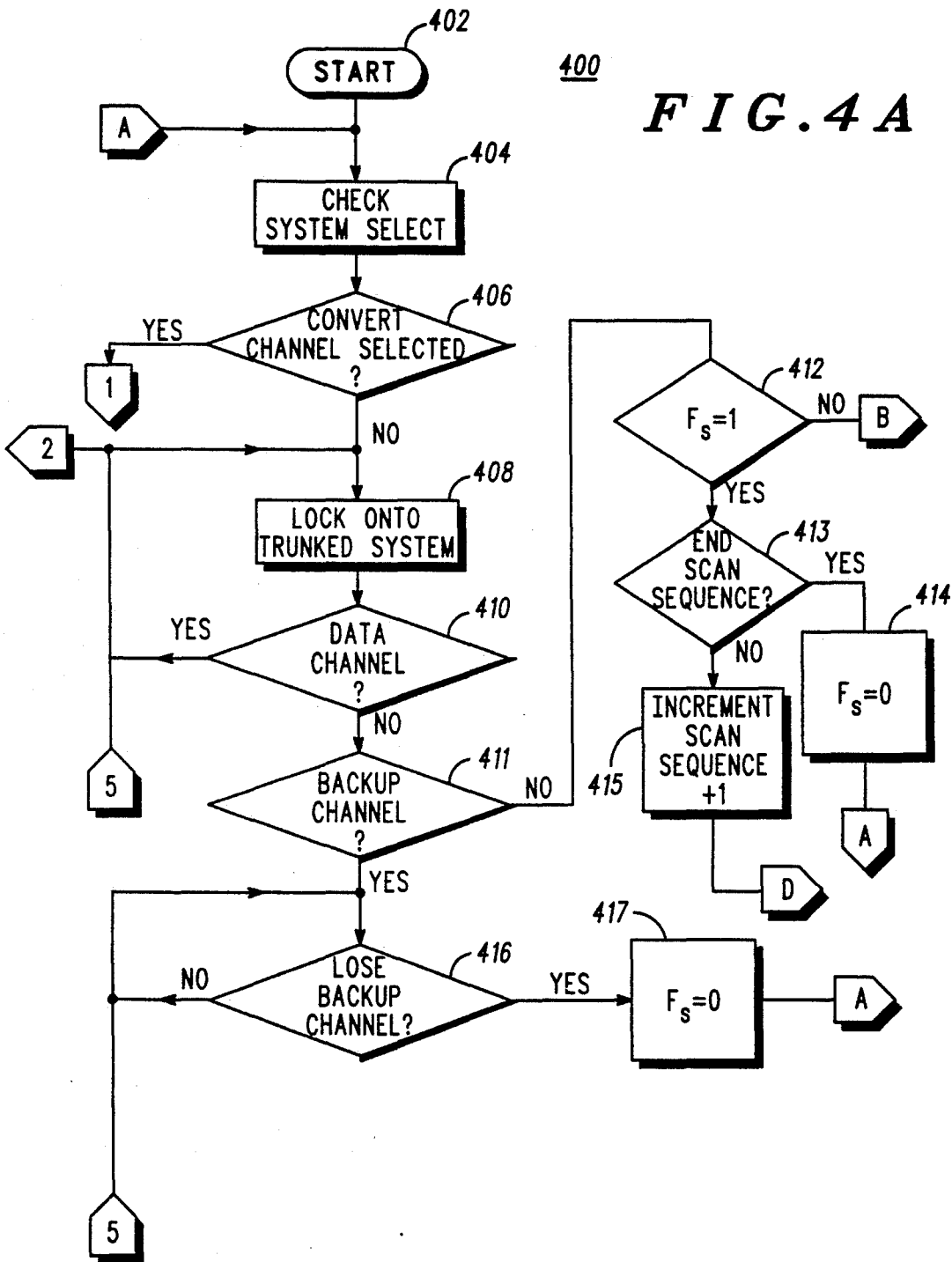


FIG. 2

FIG. 3





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