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Noreen et al.

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[54] **INTEGRATED RADIO SATELLITE RESPONSE SYSTEM AND METHOD**

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[73] Assignee: **Radio Satellite Corporation, La Canada Flintridge, Calif.**

[21] Appl. No.: **683,962**

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Related U.S. Application Data

[63] Continuation-in-part of Ser. No. 607,877, Nov. 6, 1990, abandoned.

[51] Int. Cl.⁵ **H04H 1/00**

[52] U.S. Cl. **455/3.2; 455/12.1; 455/54.2; 455/89**

[58] Field of Search **455/3.1, 3.2, 5.1, 6.3, 455/12.1, 15, 54.1, 54.2, 88, 180.1, 188, 13.1, 89, 2; 358/84, 86**

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Primary Examiner—Reinhard J. Eisenzopf

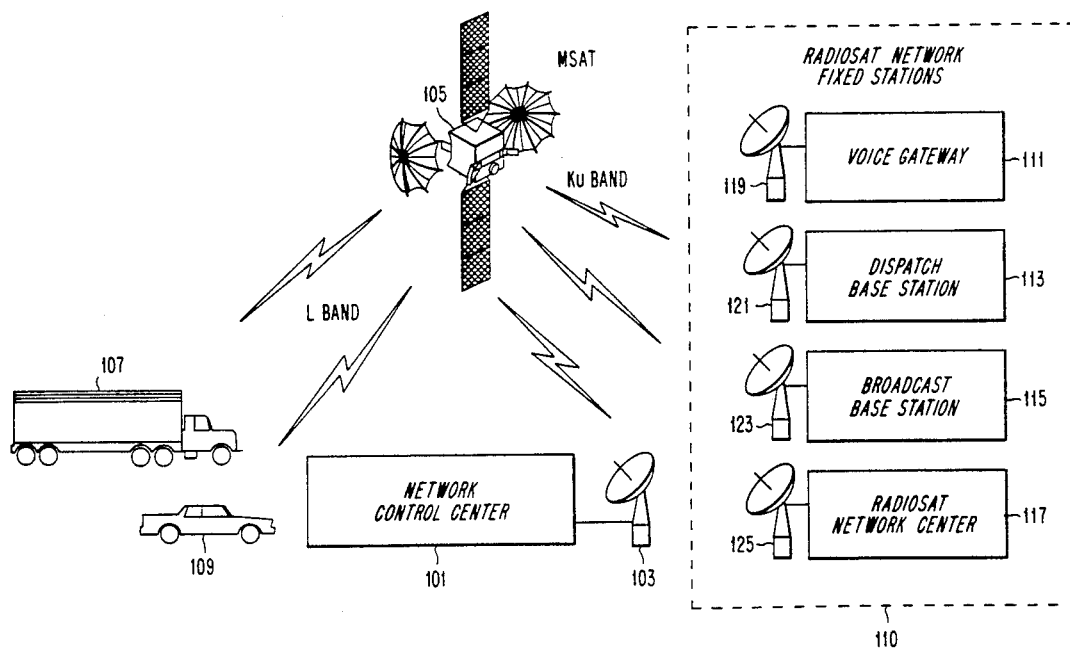
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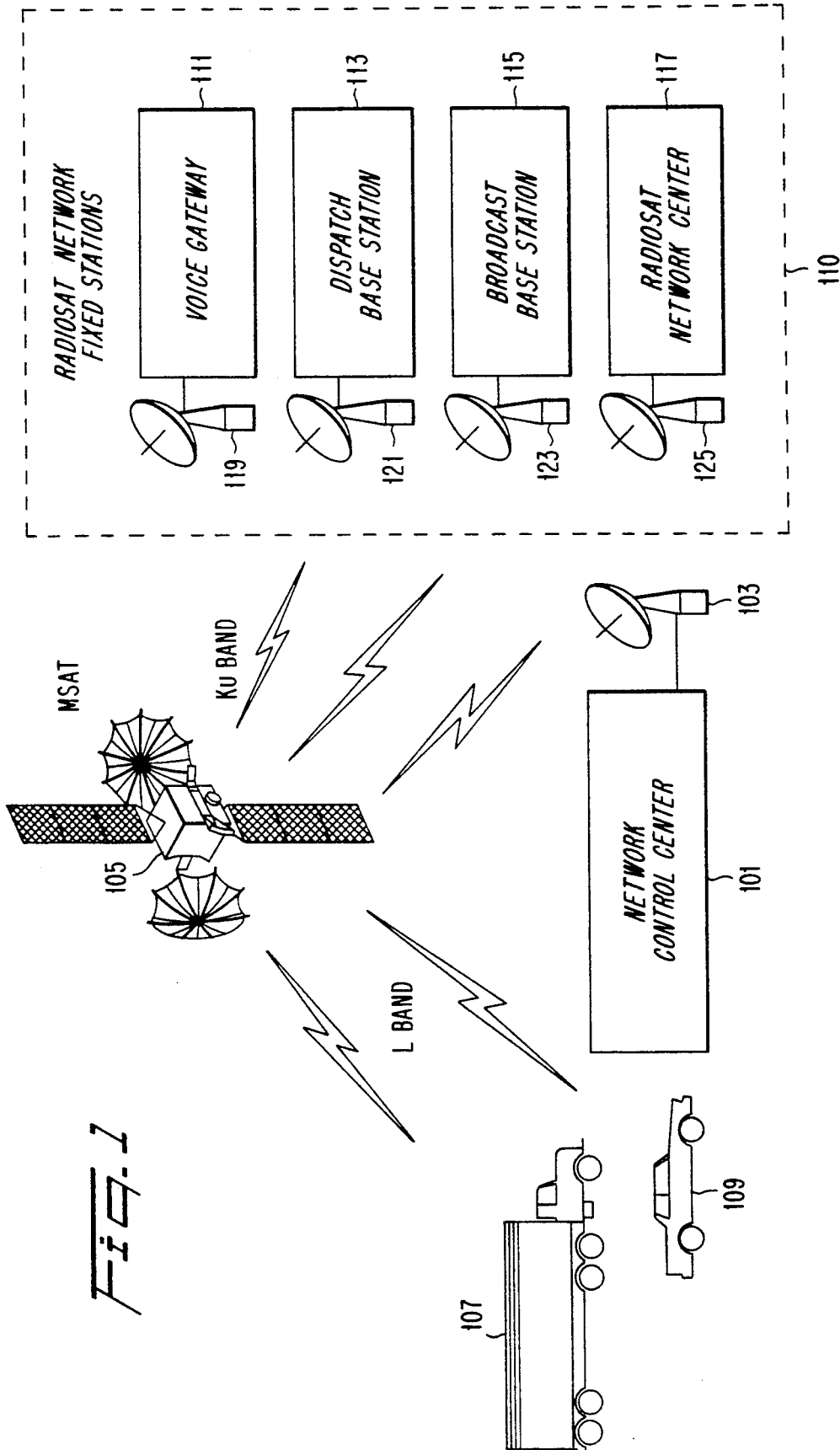
Attorney, Agent, or Firm—David Newman & Associates

[57] ABSTRACT

A radio response system including a broadcast station, a satellite relay, a processing center, and a plurality of user terminals. Each user terminal has a broadcast receiver, a communications interface device, a controller and a data transmitter. The broadcast station broadcasts a program signal. The broadcast receiver receives the program signal. The communications interface device communicates the program signal to a user. The controller generates a user-data signal from identification information transmitted in connection with the program signal and/or timing, location and frequency information needed for identifying the program signal, and a user-input signal generated in response to the program signal. The data transmitter transmits the user-data signal at a carrier frequency as a transmitted-data signal. The satellite relays the user-data signal to the processing center.

14 Claims, 8 Drawing Sheets





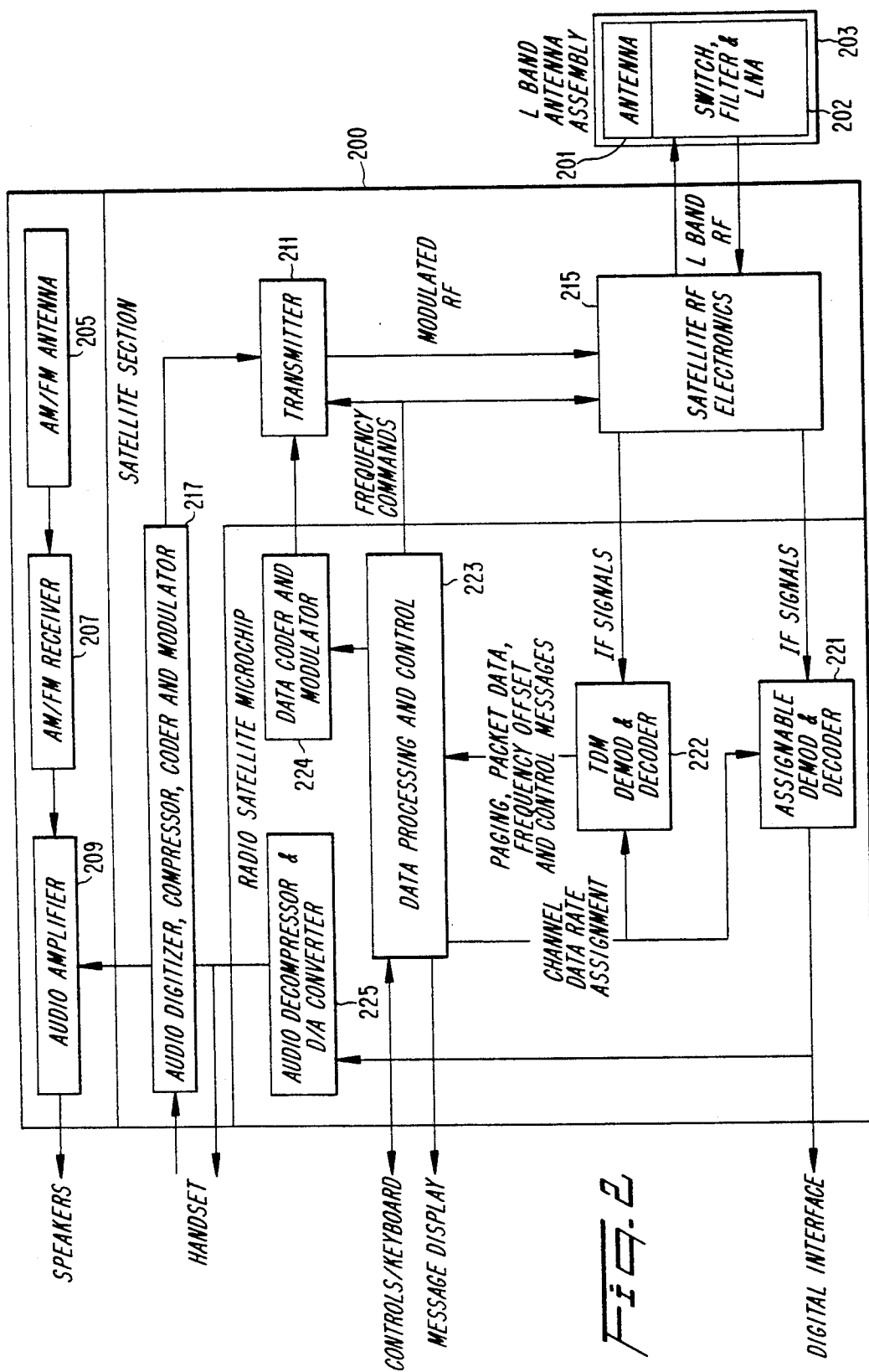
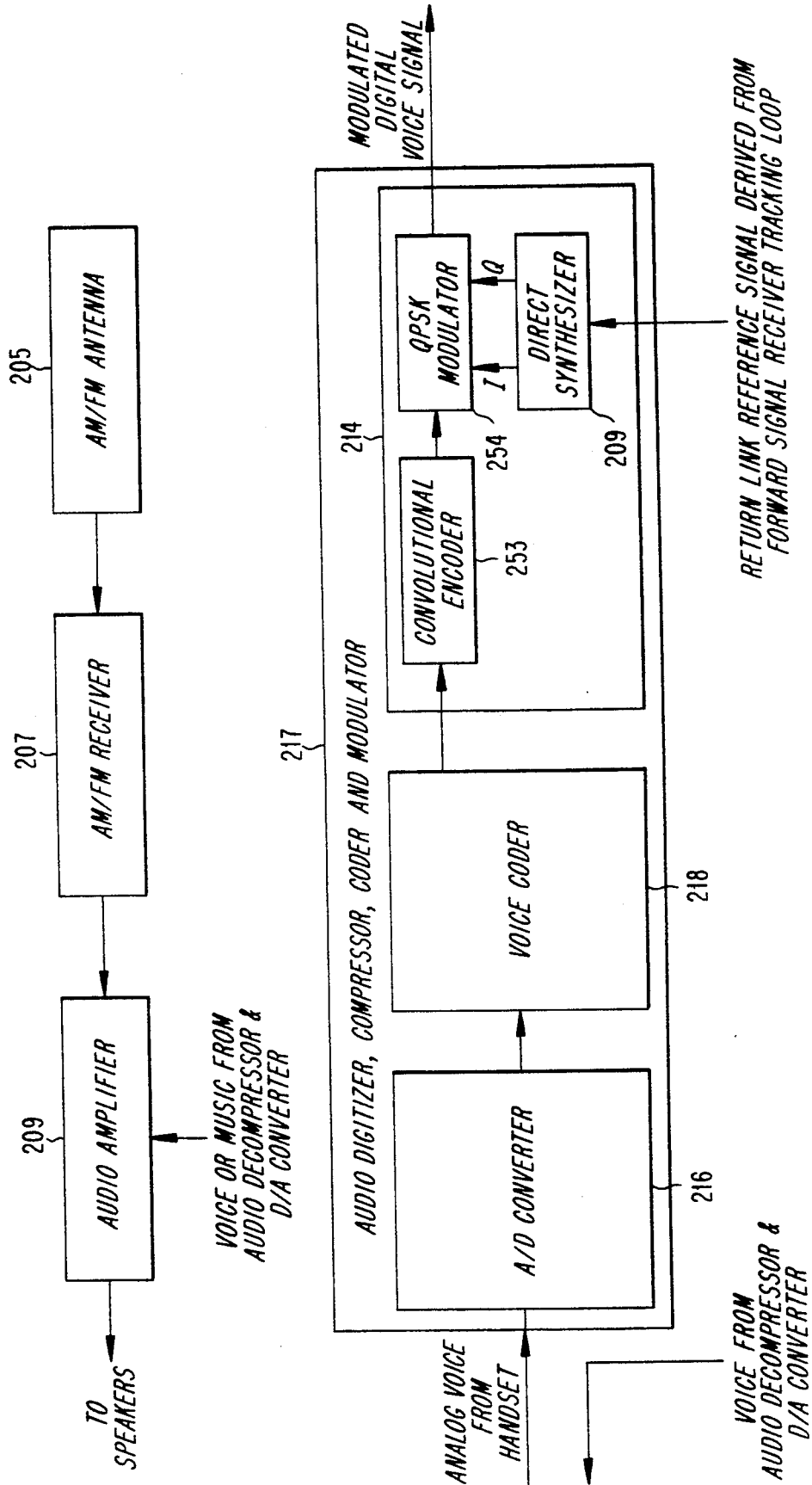


FIG. 2

FIG. 3A



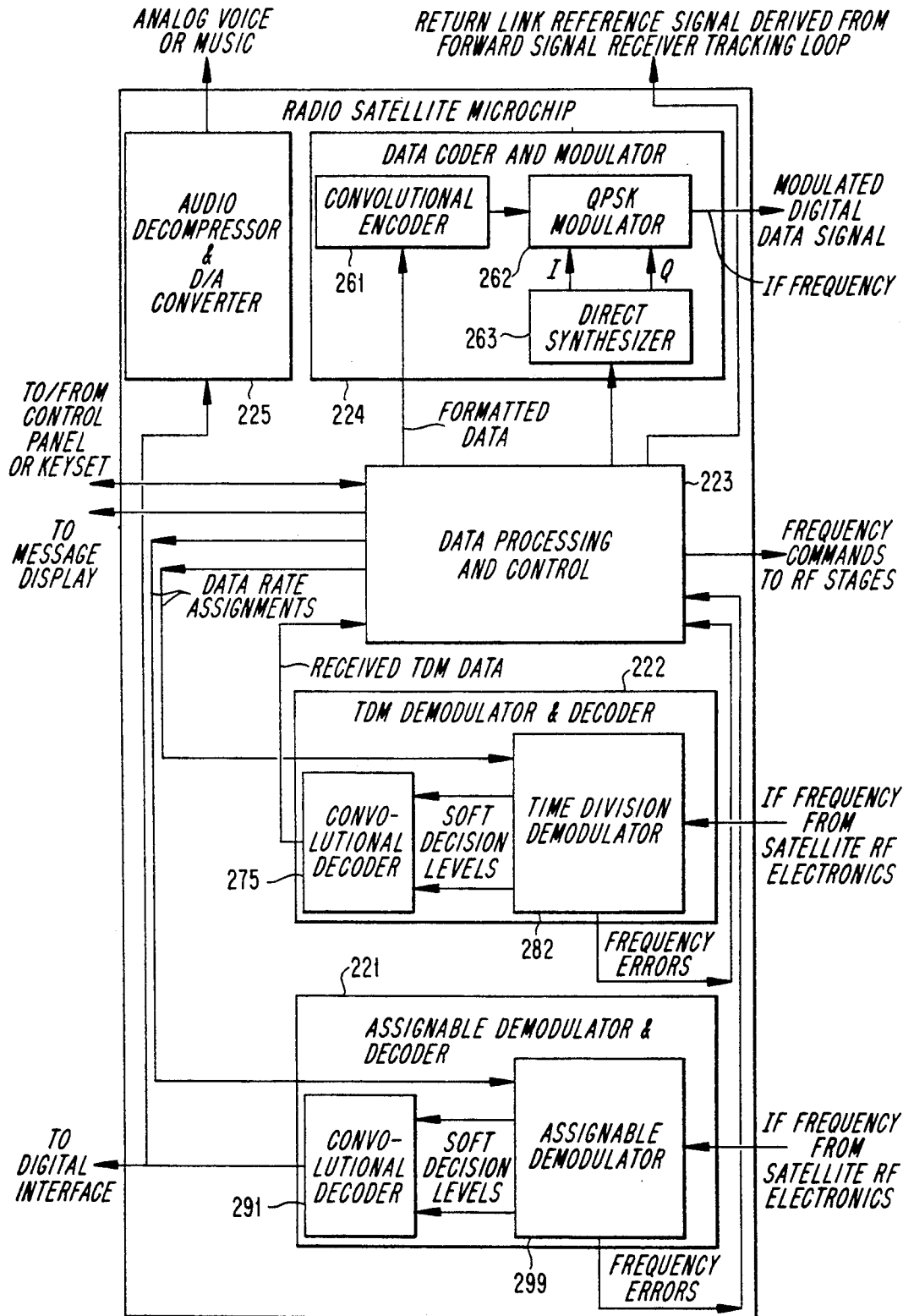


Fig. 3B

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