

- [54] **TRAFFIC CONDITION INFORMATION SYSTEM**
- [76] Inventor: **Byron L. Hanchett**, 7112D Calabria Ct., San Diego, Calif. 92122
- [21] Appl. No.: **906,827**
- [22] Filed: **Jun. 30, 1992**
- [51] Int. Cl.<sup>6</sup> ..... **G08G 1/01; G08G 1/052**
- [52] U.S. Cl. .... **364/436; 364/438; 348/149; 340/910; 340/937**
- [58] **Field of Search** ..... **364/436, 437, 438, 444, 364/449, 460, 462; 340/990, 993, 937, 910; 342/454, 456, 463; 358/103, 108, 109, 139**

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Primary Examiner—Michael Zanelli  
 Attorney, Agent, or Firm—Joseph F. McLellan

[57] **ABSTRACT**

A series of image sensors is spaced along a roadway at particular intervals to provide images of the traffic and an identification signal associating those images with the location of the particular sensor providing the images. A main station receives the images from all cameras and broadcasts an information signal comprising segments of those images and the identifications in a particular sequence in accordance with the predominant direction of travel on the roadway. User units include a receiver which displays the images so that the user may preview the roadway ahead to make route choices. In systems covering multiple roadways, the user may select images of the particular roadway to view. The receiver is also responsive to a local broadcast of the camera's identification signal to thereby determine the geographical location of the user and alert the user when particularly pertinent images are being displayed and when decision points are reached where the user must make a route change choice. In another aspect, speed data is also provided by each camera station along the roadway.

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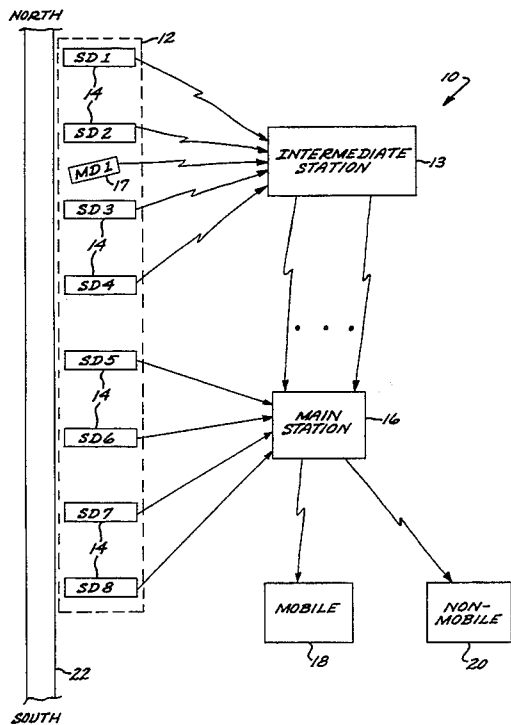
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**24 Claims, 5 Drawing Sheets**



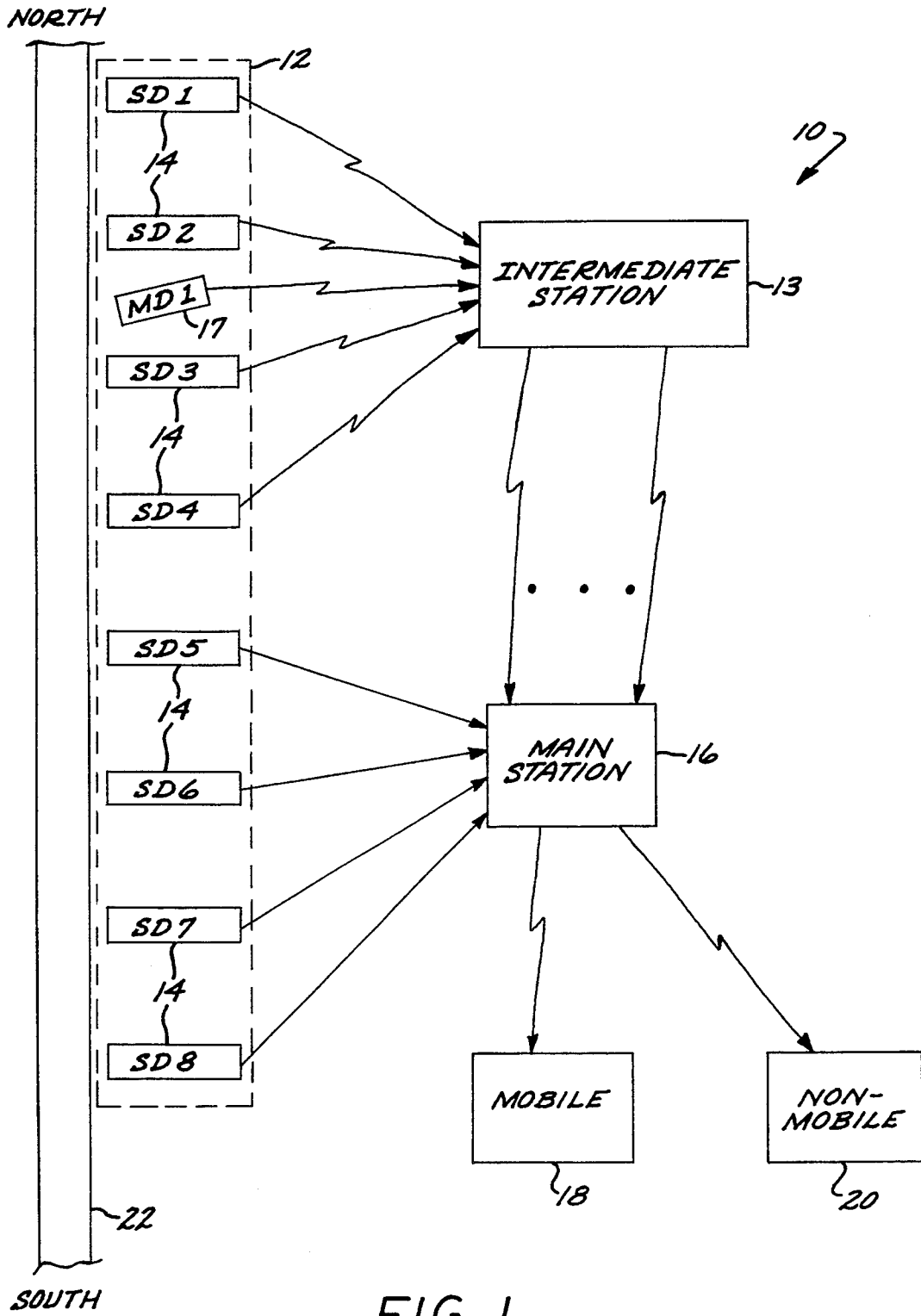


FIG. 1

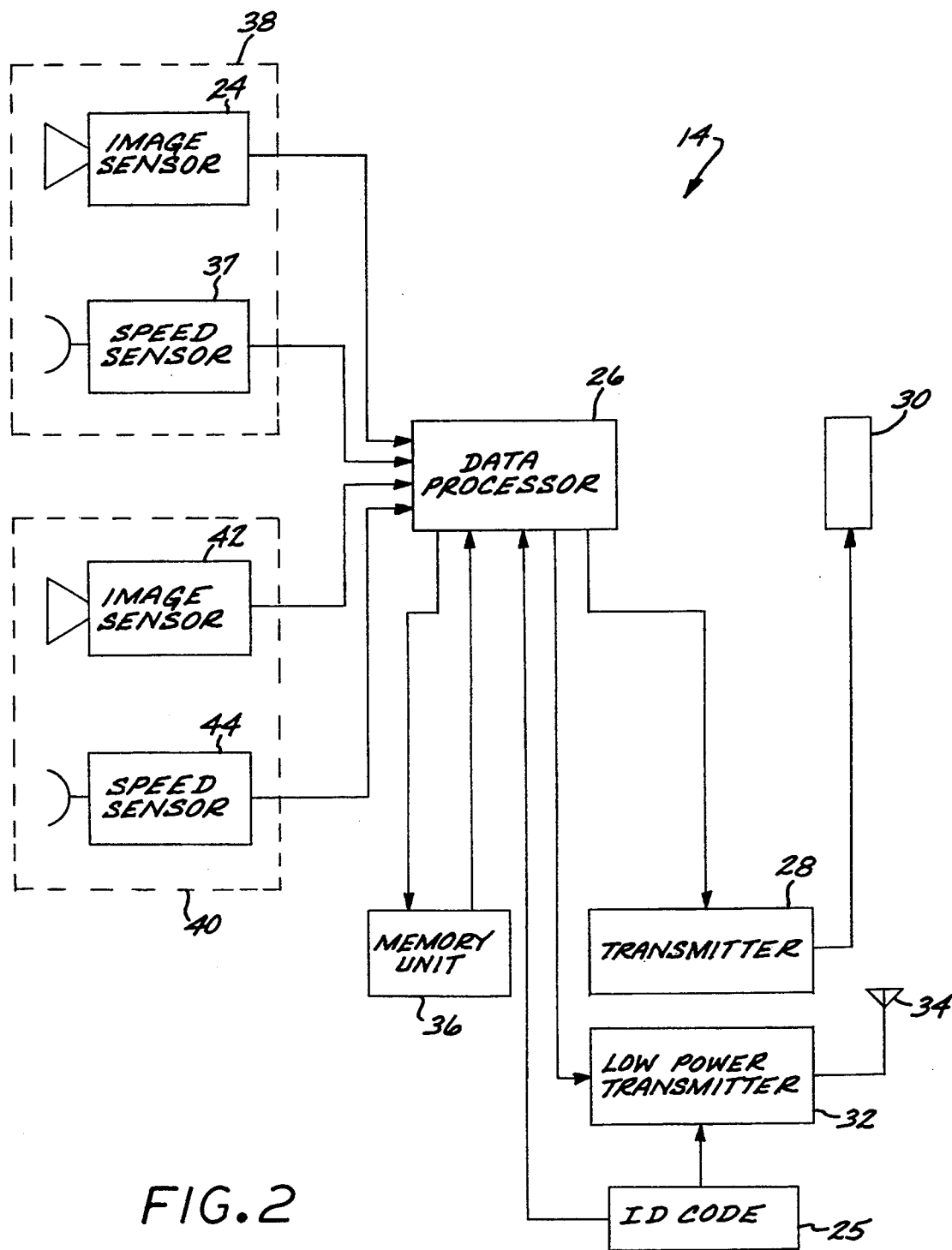
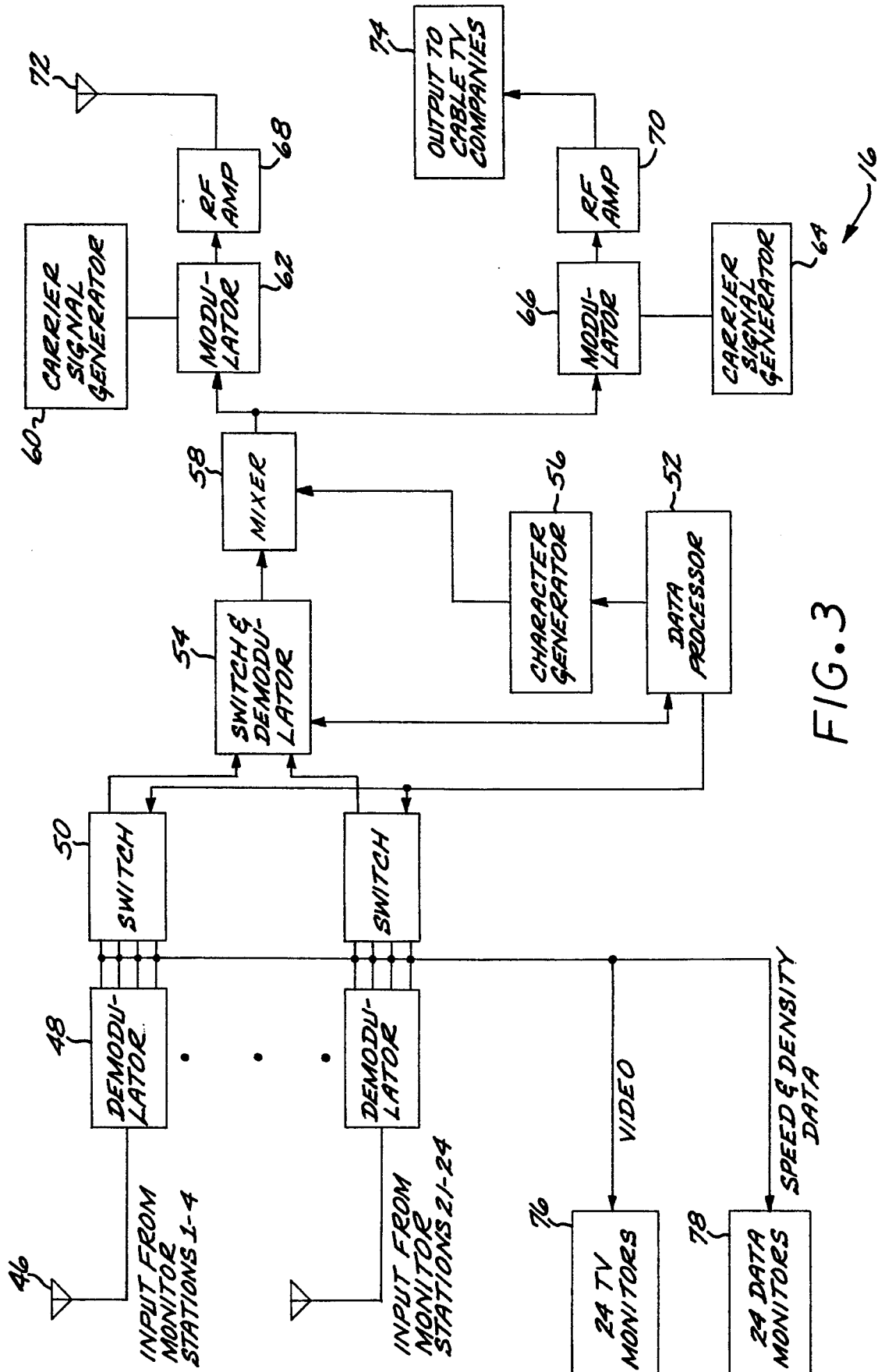


FIG. 2



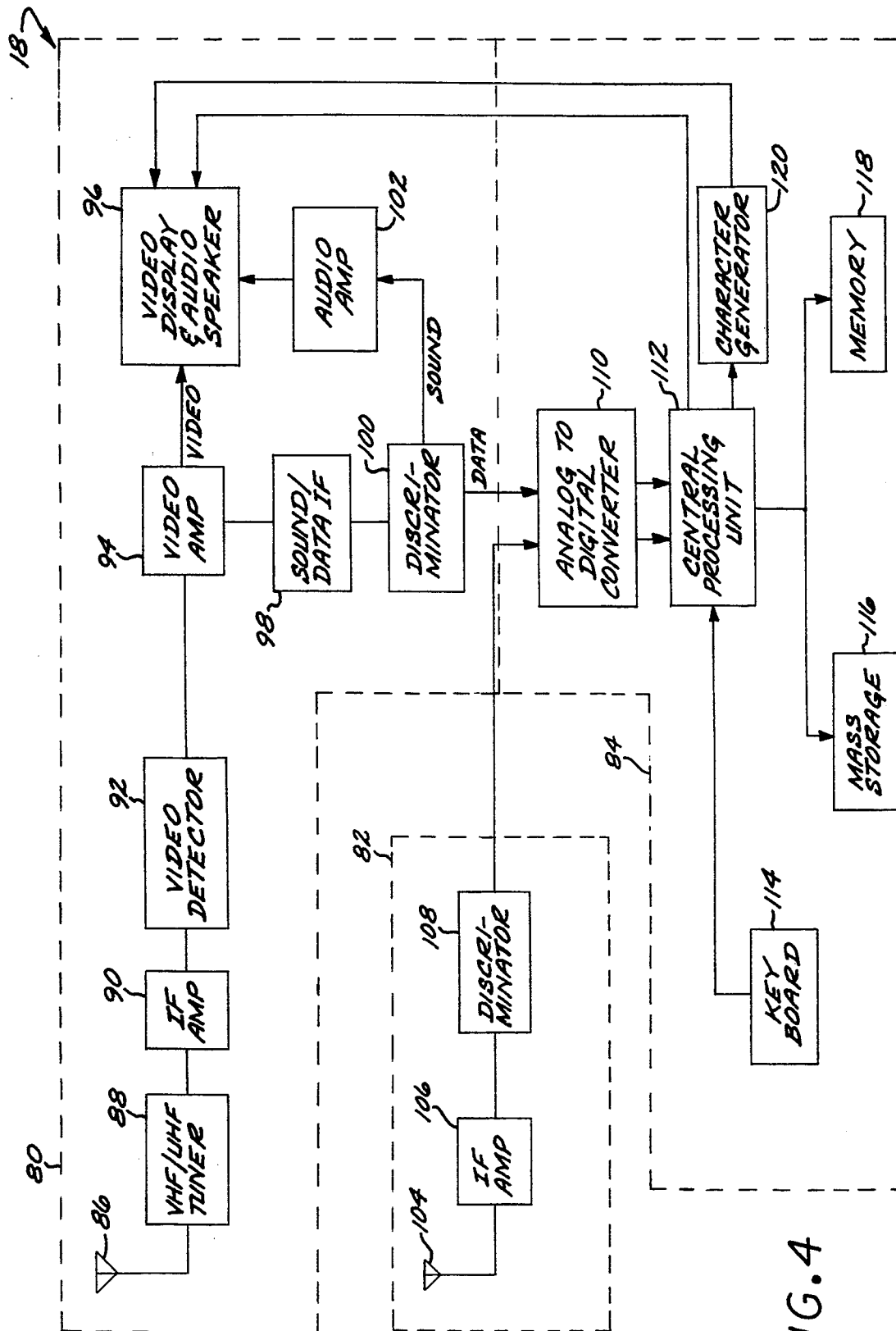


FIG. 4

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