United States Patent [19]

Su et al.

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[54] **WIRELESS COMMUNICATION SYSTEM**

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[51] Int. Cl.⁵ H04K 1/00

[51] Int. Cl.^{5} H04K 1/00

[52] U.S. Cl. 375/1

[58] Field of Search 375/1; 380/34

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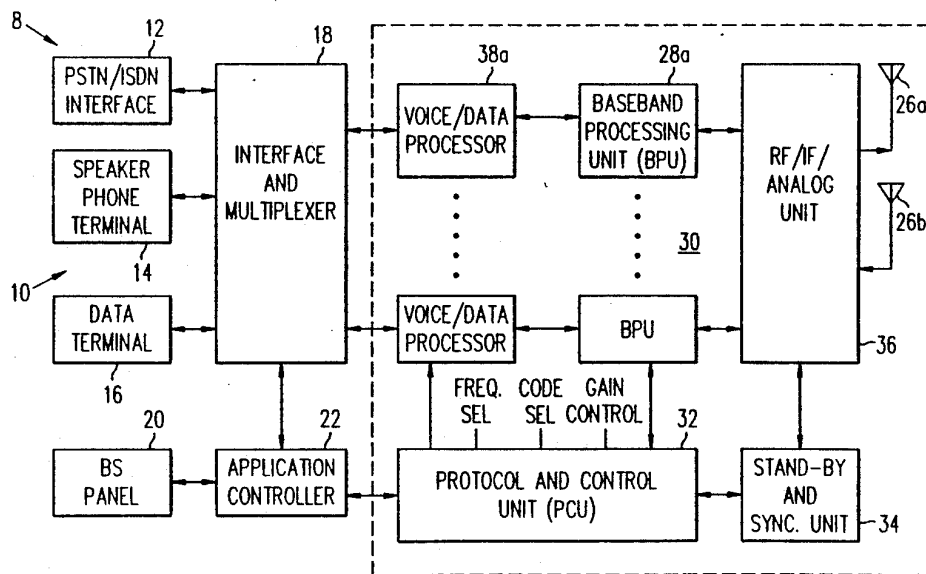|			
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Attorney, Agent, or Firm—Limbach & Limbach

[57] **ABSTRACT**

In the present invention a wireless communication system is disclosed. A base unit communicates with a remote unit. The system comprises means for transmitting, using CDMA, between the base unit and the remote unit, in one of a plurality of frequencies channels selected. In one period of time, the base unit transmits and in another period of time, different from the one period, the remote unit transmits. Further, the system comprises means for changing the one frequency channel selected to another frequency channel, different from the one frequency channel, in response to interference in the one frequency channel. Thus, communication between the base unit and the remote unit is then affected over the another frequency channel.
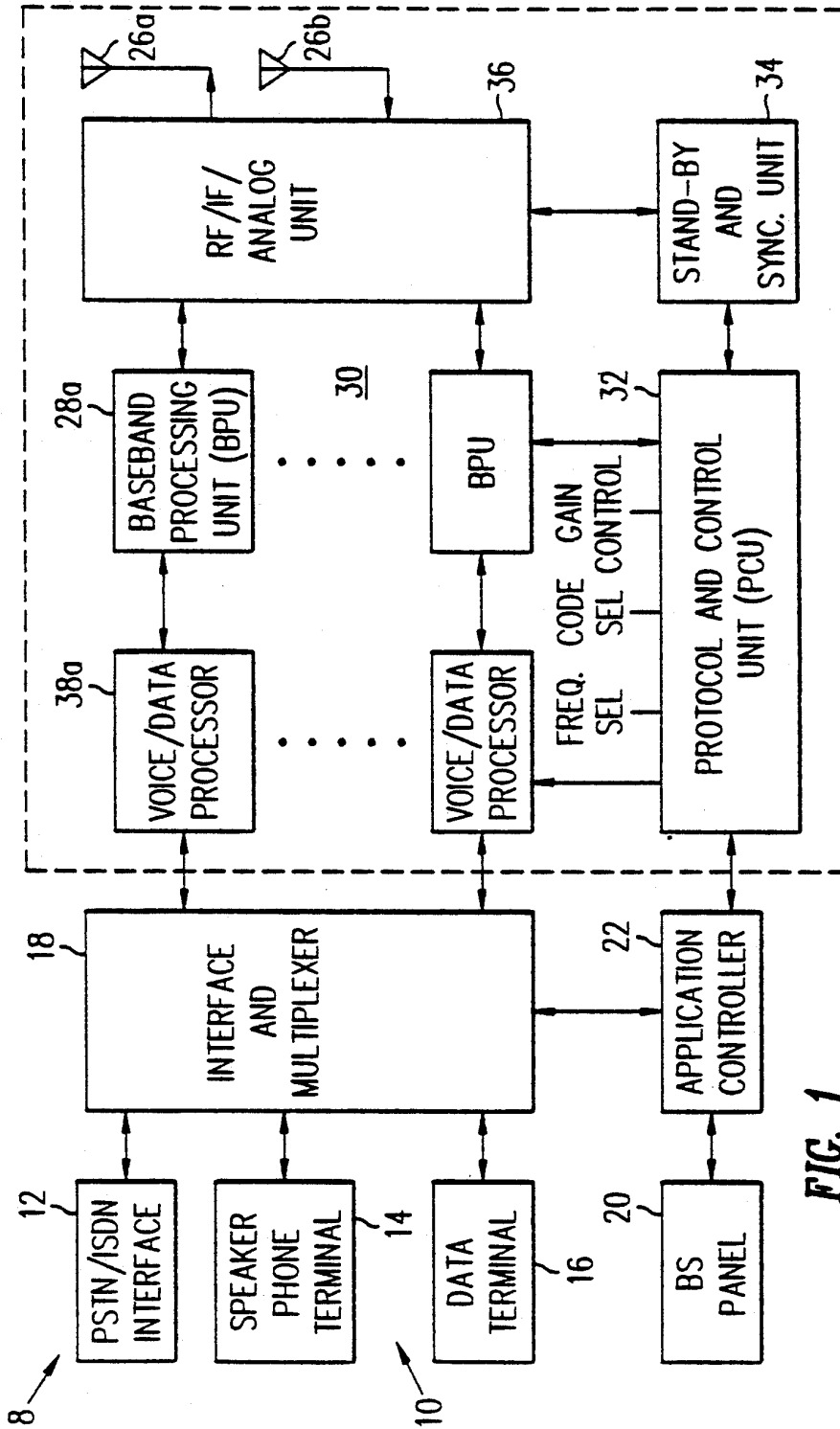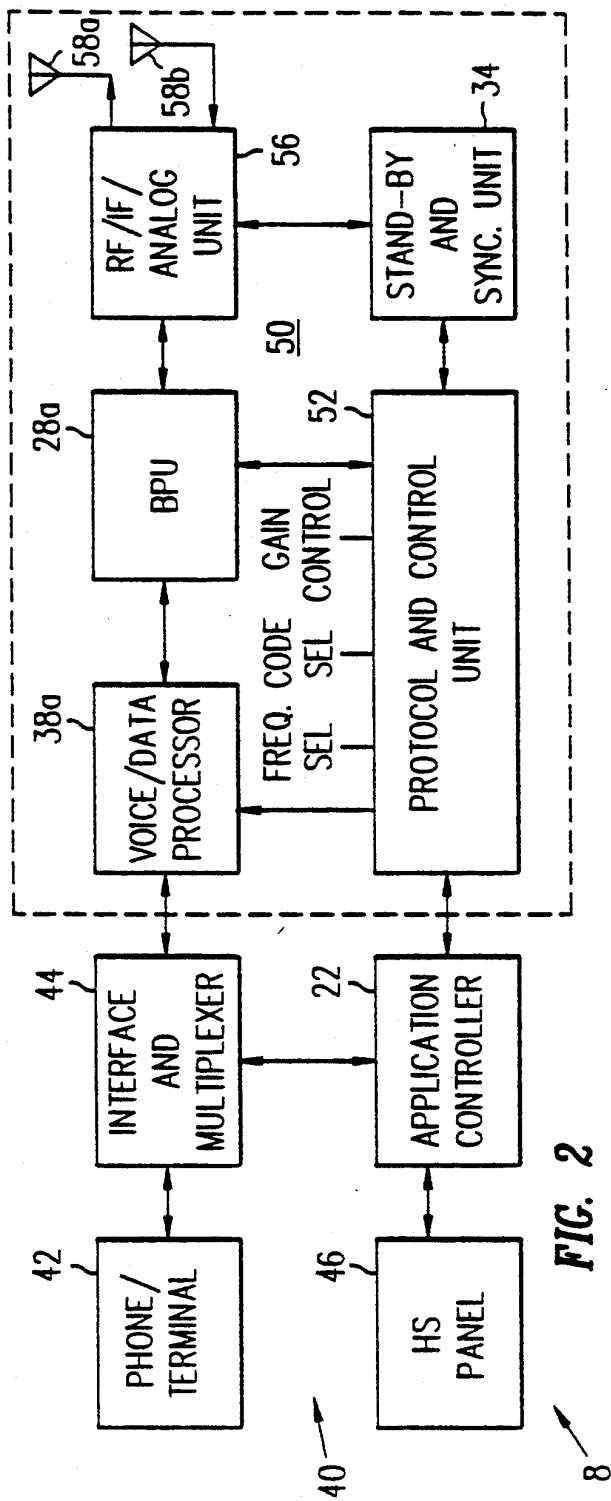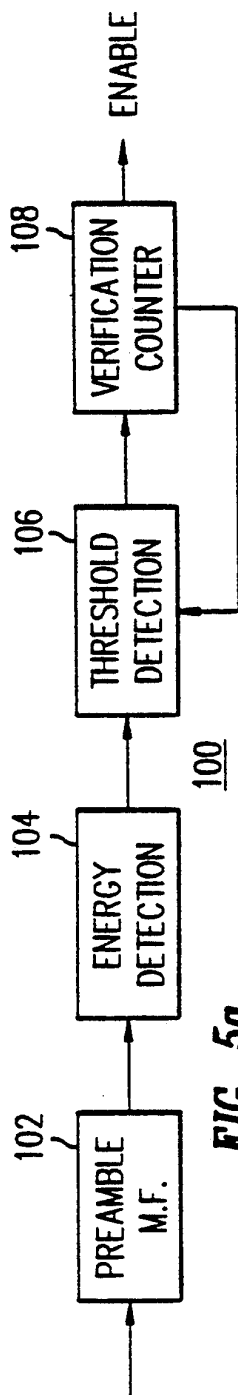
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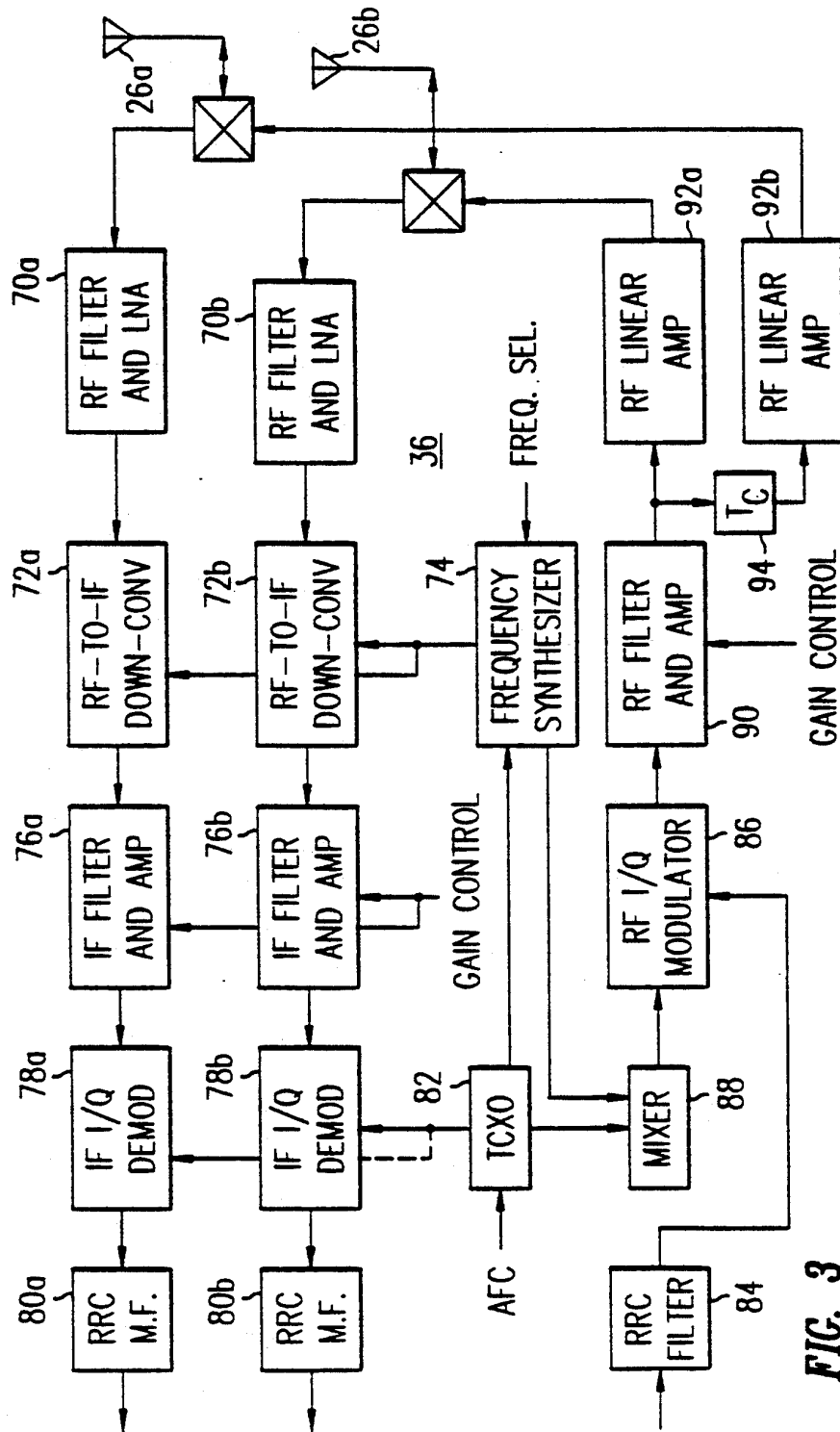
FIG. 1

FIG. 2

FIG. 5a

FIG. 3

FIG. 4

DOCKET ALARM
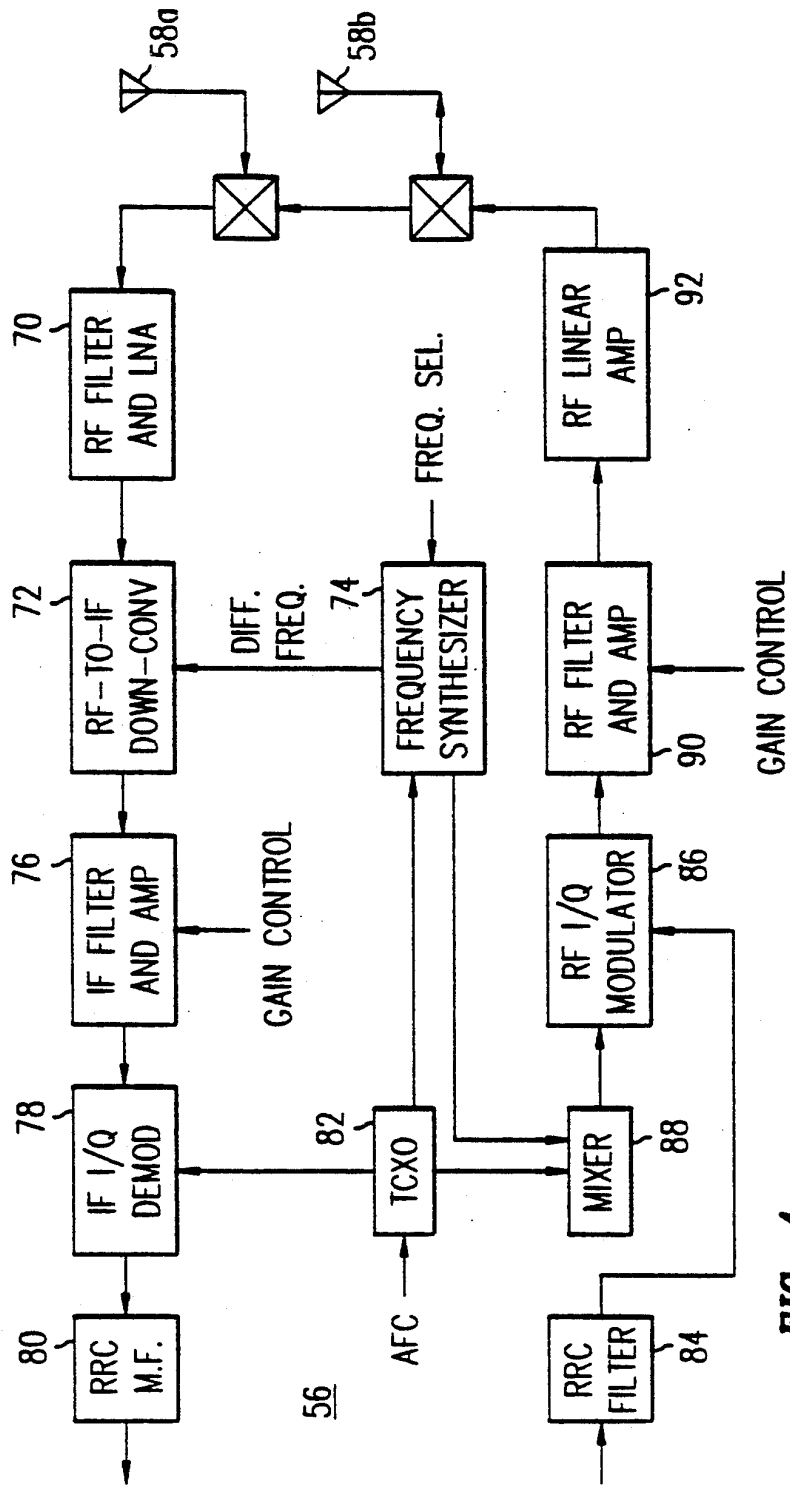
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