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(54) **METHODS, SYSTEMS AND DEVICES FOR DETERMINING THE LOCATION OF A MOBILE DEVICE BASED ON SIMULCAST COMMUNICATION SIGNALS**

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(57) **ABSTRACT**

A method for determining a position of a mobile device may include receiving a communication signal at the mobile device simulcast from a plurality of transmitters. One of the plurality of transmitters is identified based on information obtained from the received simulcast communication signal, and an identifiable signal associated with the identified one of the plurality of transmitters is received at the mobile device. A range of the identified one of the plurality of transmitters from the mobile device is determined based on the received identifiable signal.
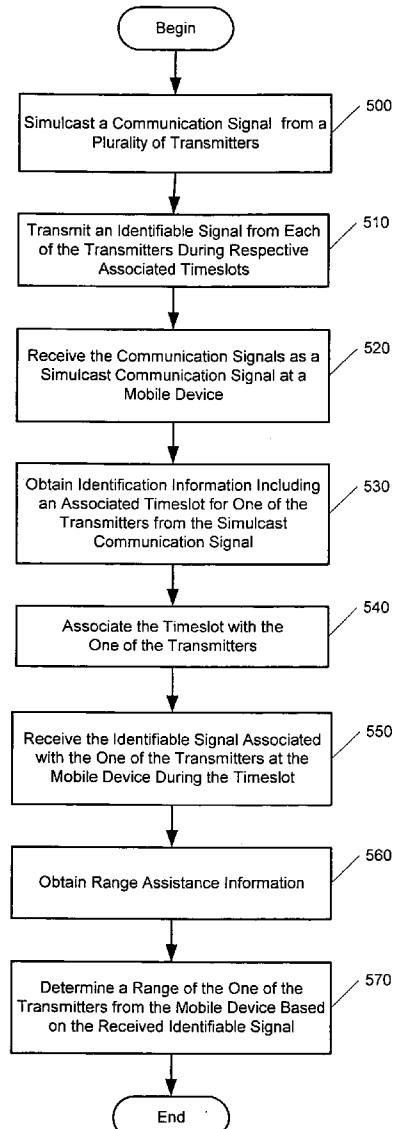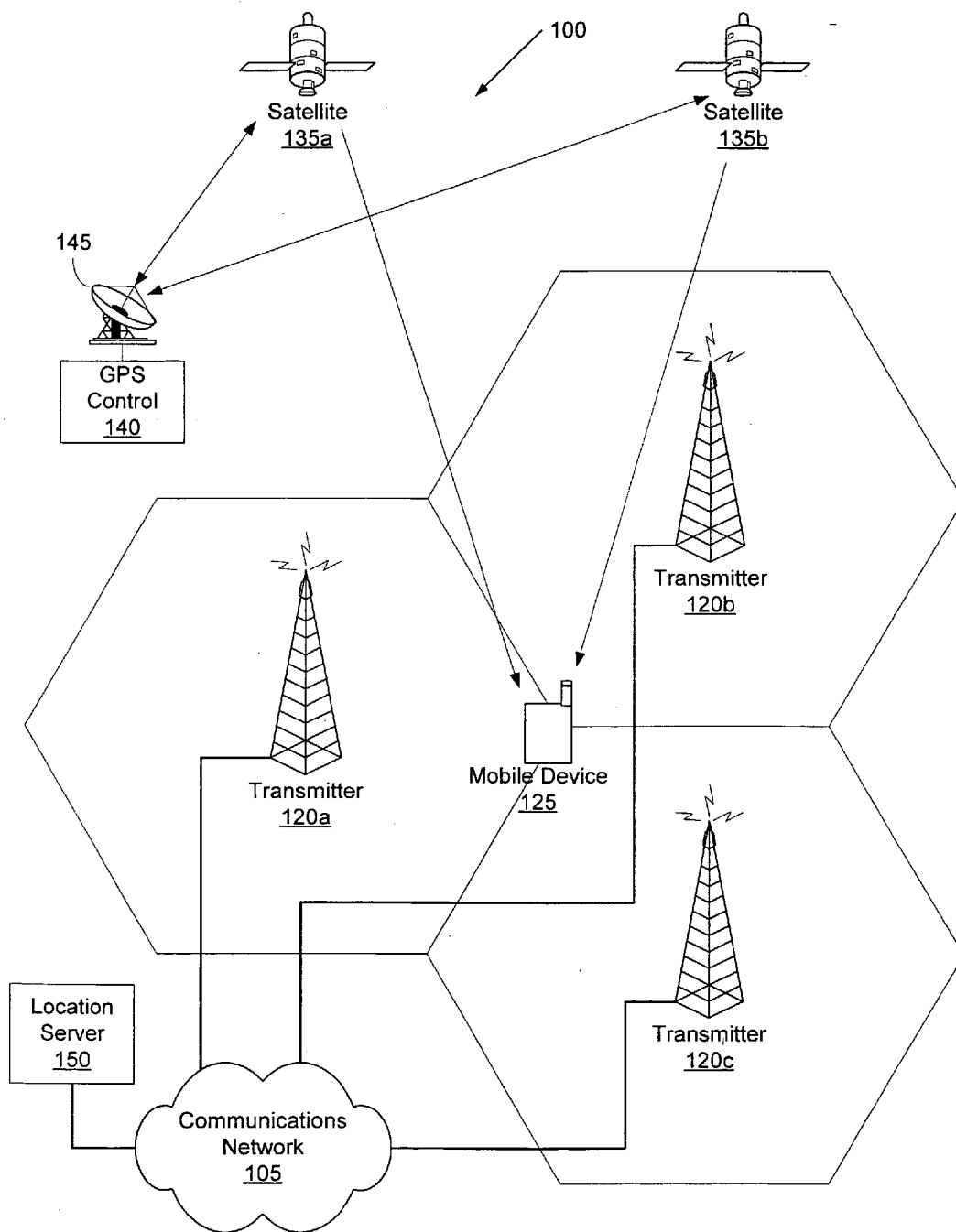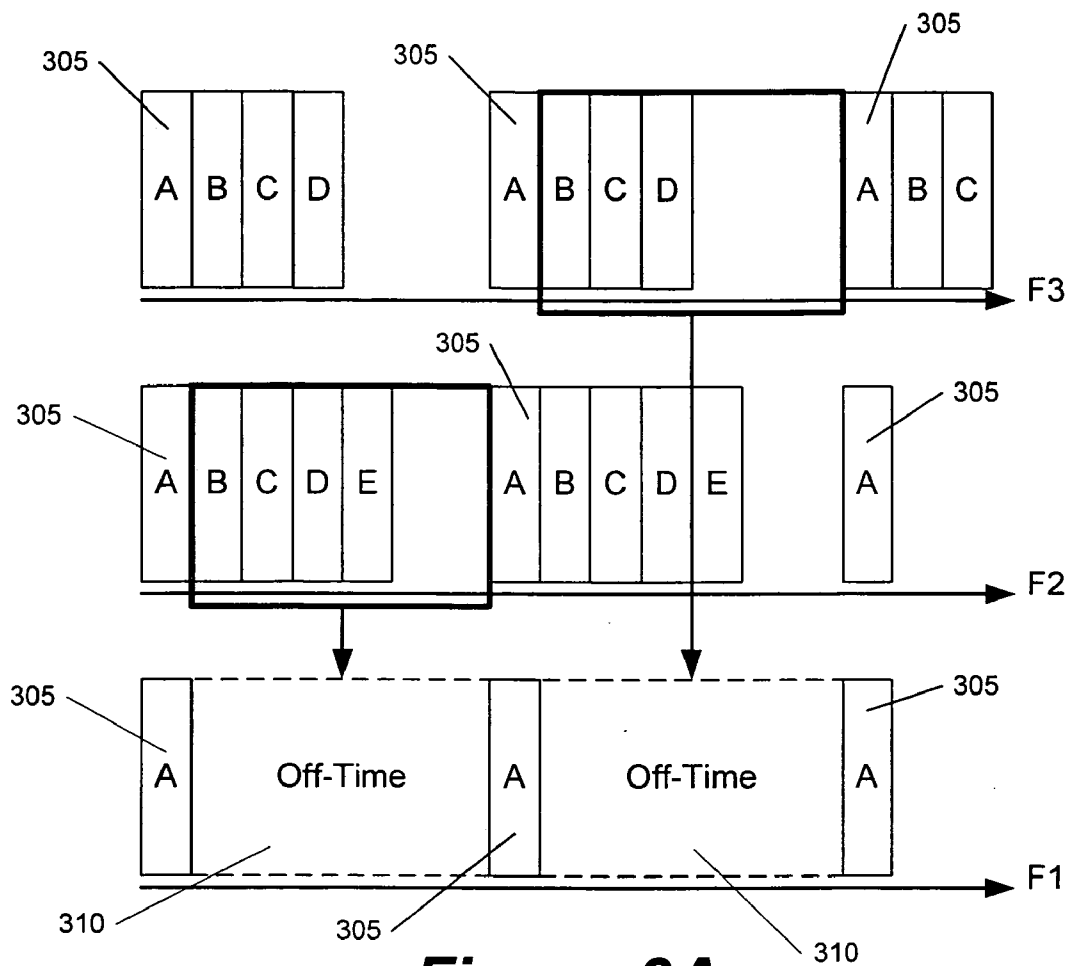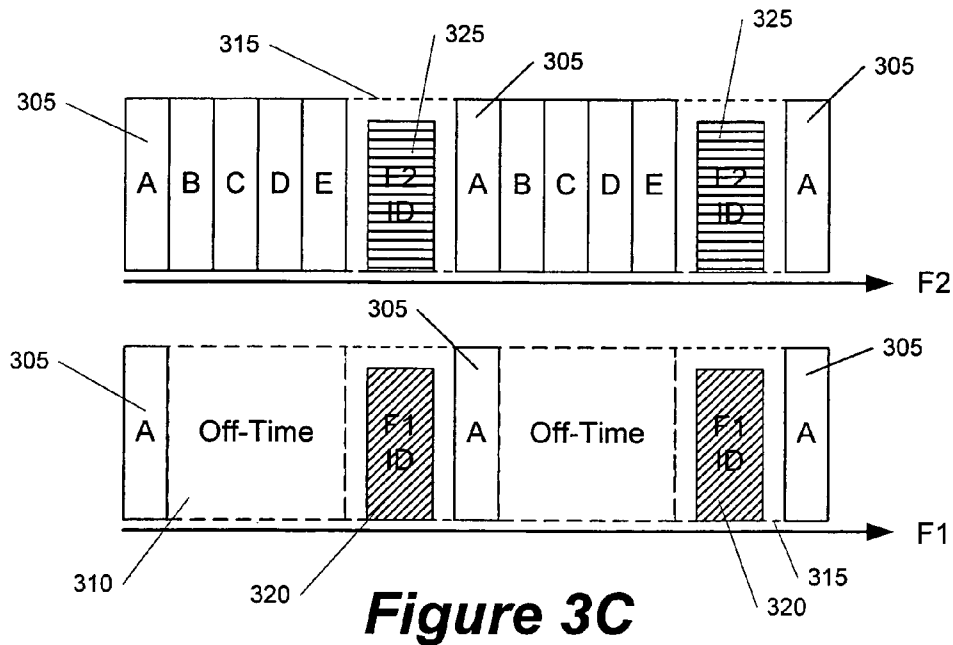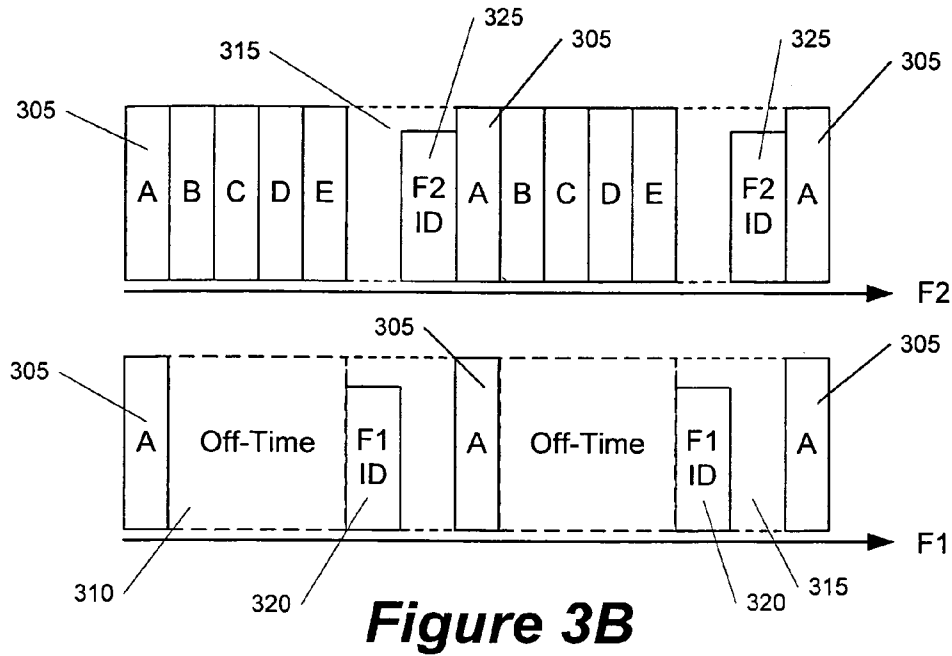
Figure 1

Figure 2

Figure 3A
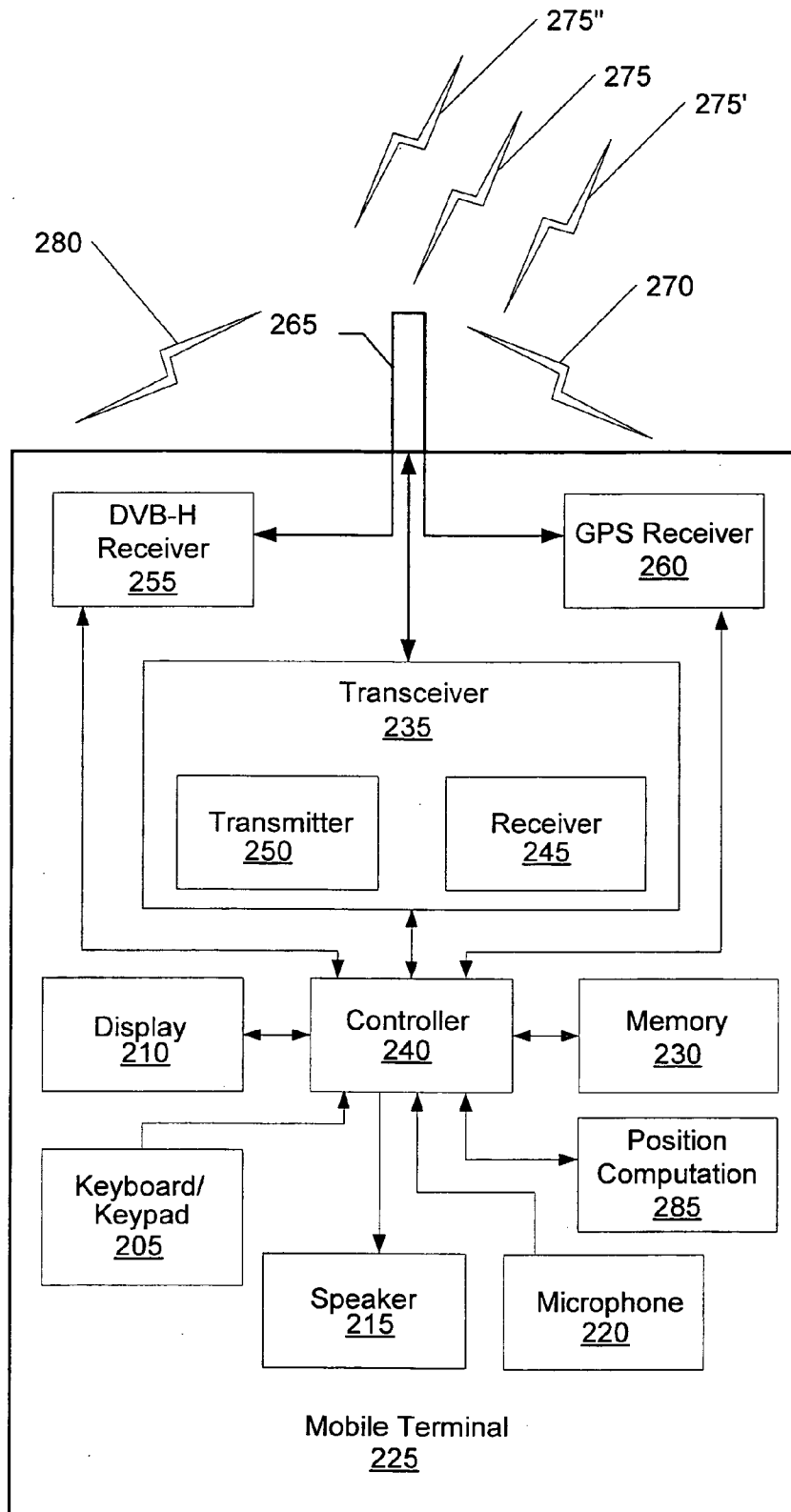
Figure 3B

Figure 3C

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