

[0024] Figures 2 and 3 are block diagrams of communications devices according to the teachings of the present invention.

[0025] Figures 4 and 5 are schematic diagrams of two embodiments of components of a communications device according to the teachings of the present invention.

[0026] Figures 6 is a perspective view and Figure 7 is a cross-sectional view of a handset communications device.

[0027] Figure 8 is a schematic illustration of an antenna according to one embodiment of the present invention.

[0028] Figure 9 is a schematic illustration of parasitic capacitances of the antenna of Figure 7.

[0029] Figure 10 is a schematic illustration of an antenna according to another embodiment of the present invention.

[0030] Figures 11-18 are block diagram illustrations of apparatuses for controlling one or more antennas according to the teachings of the present invention.

[0031] Figures ~~19 and 21~~<sup>19-21</sup> are block diagram illustrations of various antenna control techniques according to the teachings of the present invention.

[0032] Figure 22 is a block diagram illustration of a communications device comprising a controllable high band and low band antenna.

[0033] Figure 23 is a perspective view of a front end module constructed according to the teachings of the present invention.

[0034] Figure 24 is a schematic illustration of an antenna having feed points at spaced apart terminal ends according to the teachings of the present invention.

[0035] Figure 25 is a block diagram illustration of a transmit signal path according to the teachings of the present invention.

[0036] Figure 26 is a block diagram of an antenna system and associated components for receiving and transmitting a communications signal.

[0037] Figures 27-30 are block diagrams of various communications apparatuses for sending and receiving radio frequency signals according to different embodiments of the present inventions.