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(54) Title: TRANSMISSION OF INFORMATION IN A WIRELESS COMMUNICATION SYSTEM

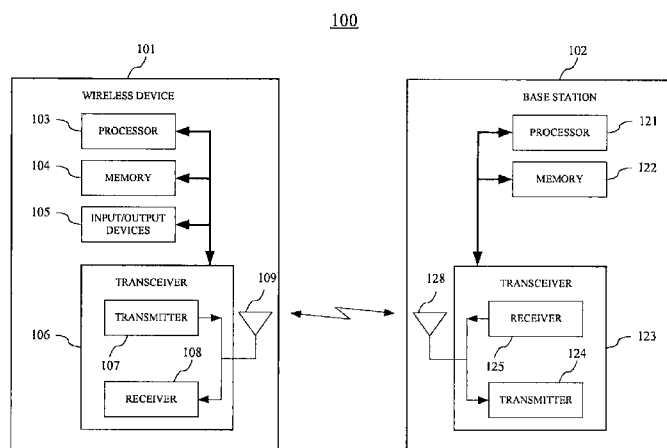


FIG. 1 (PRIOR ART)

(57) Abstract: Methods, devices, and systems for the transmission of information in a wireless communication system are disclosed. In one embodiment, a method of transmission in a wireless communication system comprises determining by a wireless device (201) a configuration of a plurality of power amplifiers (207) to achieve a single antenna transmission mode; amplifying a signal by said wireless device (201) using the configuration of the plurality of power amplifiers (207) to form a plurality of amplified signals; simultaneously transmitting at or about the same time by the wireless device (201) to a base station (202) the plurality of amplified signals from a plurality of physical antennas (212), wherein the plurality of physical antennas (212) are coupled to the configuration of the plurality of power amplifiers (207); and wherein the measured transmit power from the totality of the plurality of physical antennas (212) is about the same as the required transmit power using the single antenna transmission mode.