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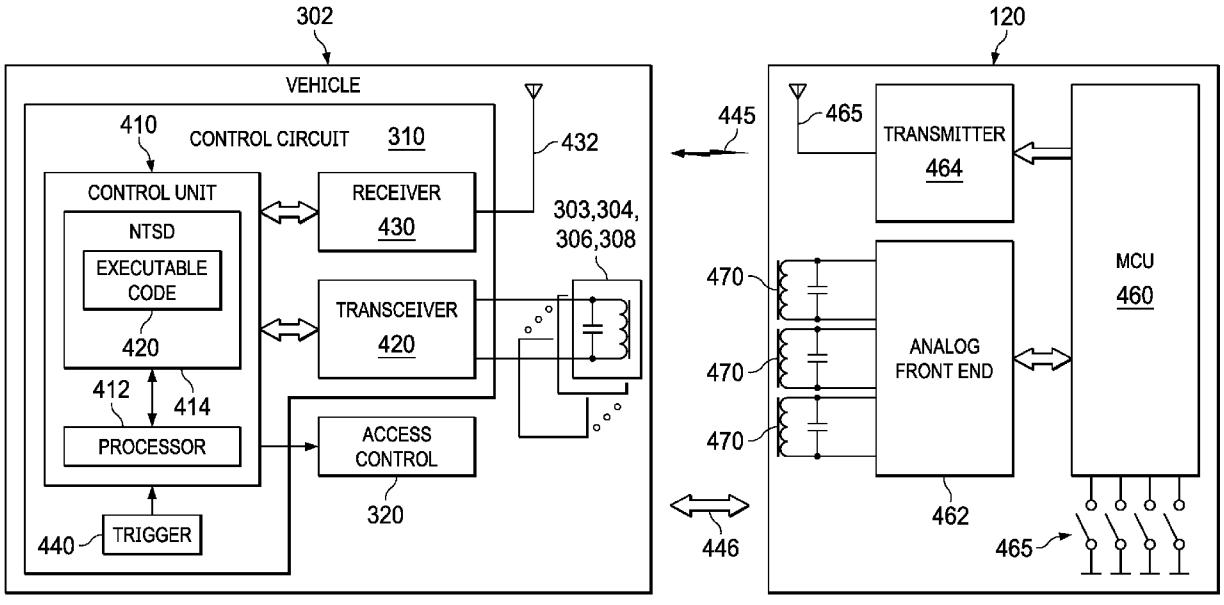


FIG. 4

(57) Abstract: A system includes a plurality of antennas (303, 304, 306, 308), an access control mechanism (320), and a computing resource (412). The computing resource (412) is configured to initiate each of multiple antennas (303, 304, 306, 308) to transmit a wireless signal and receive values indicative of signal strength of the wireless signals from the multiple antennas (303, 304, 306, 308). The computing resource (412) also is configured to calculate a position of a wireless electrical device (120) based on the received values and calculate an error value of the calculated position of the wireless electrical device (120). Further, the computing resource (412) is configured to determine that the error value is greater than an error threshold and to disable the access control mechanism (320).

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