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(54) Title: SYSTEMS AND METHODS FOR REDUCTION OF TRIPLE TRANSIT EFFECTS IN TRANSCIEVER COMMUNICATIONS

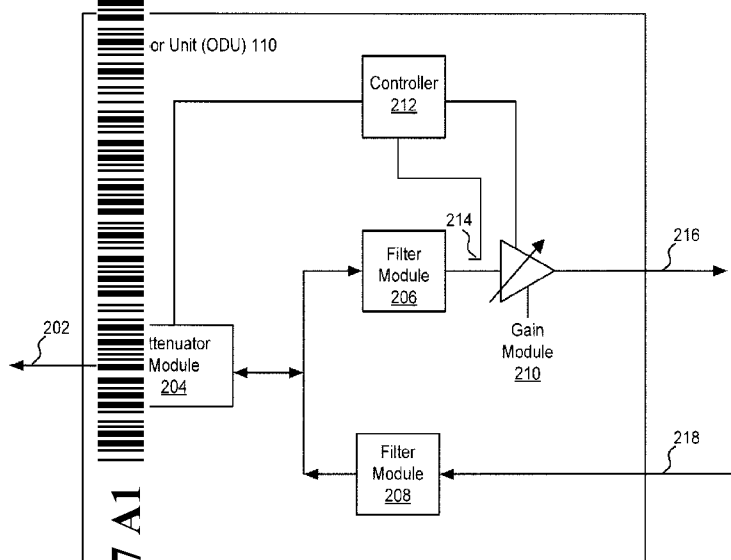


FIG. 2

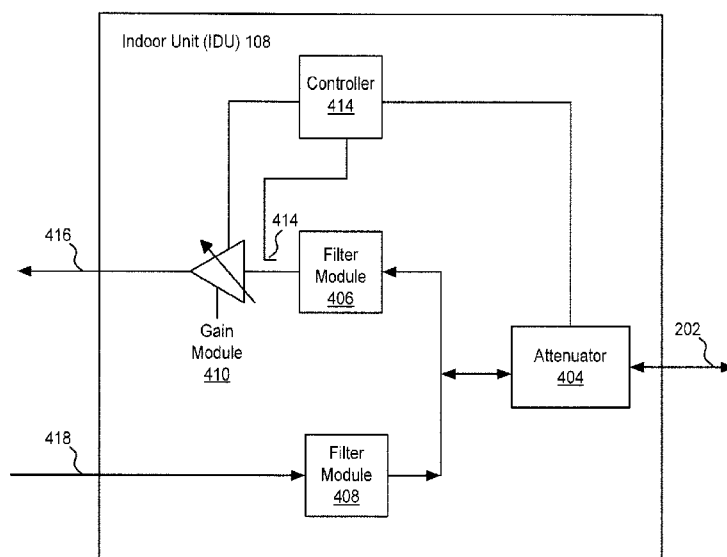


FIG. 4

(57) Abstract: Systems and methods for transceiver communication are discussed herein. An exemplary system comprises a first transceiver unit comprising a first attenuator, a filter module, a gain module, and an antenna. The first attenuator may be configured to attenuate a transmission signal from a second transceiver module over a coaxial cable. The transmission signal may comprise a primary component and a triple transit component. The first attenuator may further be configured to attenuate and provide a reflection signal over the coaxial cable to the second

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transceiver module. The reflection signal may be based on a reflection of at least a portion of the transmission signal. The filter module configured to filter the transmission signal. The gain module may be configured to increase the gain of the transmission signal. The antenna may be configured to transmit the transmission signal.