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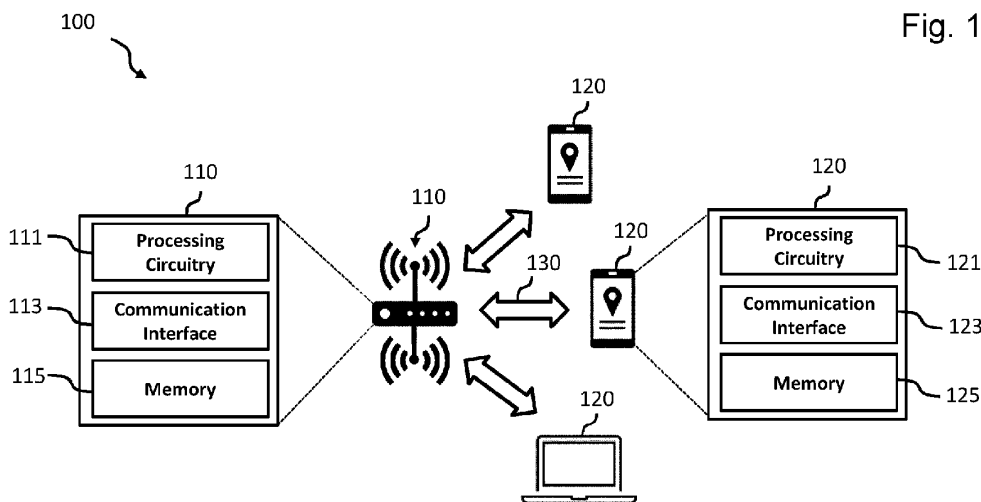


Fig. 1

(57) Abstract: A wireless transmitter station (110; 120) using a resource unit, RU, or multiple resource unit, MRU, of an Orthogonal Frequency Division Multiplexing, OFDM, or Orthogonal Frequency Division Multiple Access, OFDMA, communication is disclosed. The wireless transmitter station (110; 120) is configured to allocate a first subset of a plurality of tones of the RU or MRU as data tones for carrying modulated data based on the bit sequence and to allocate a second subset of the plurality of tones of the RU or MRU as interference mitigation, IM, pilot tones for carrying a plurality of predefined IM pilot symbols. Moreover, the wireless transmitter station (110; 120) is configured to permute the plurality of tones of the RU or MRU, including both the first subset comprising data tones and the second subset comprising IM pilot tones, for obtaining a plurality of permuted tones of the RU or MRU.

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