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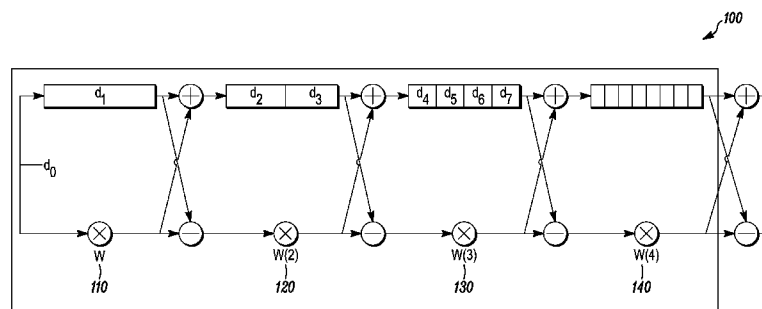


FIG. 1

(57) Abstract: An embodiment of the present invention provides an apparatus, comprising a transmitter operable to communicate in a wireless network and adapted to use an efficient Golay correlator running at 1.5 times a sampling rate.