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(54) Title: A FRONT-END TRANSCEIVER

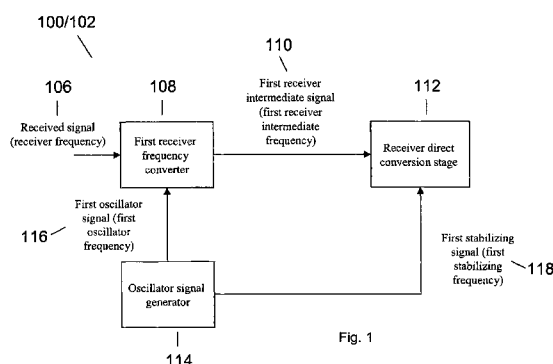


Fig. 1

(57) Abstract: In an embodiment, a front-end transceiver may be provided. The front-end transceiver may include a receiver path, including a first receiver frequency converter configured to convert a received signal with a receiver frequency into a first receiver intermediate signal with a first receiver intermediate frequency; and a receiver direct conversion stage coupled to the first receiver frequency converter so as to receive the first receiver intermediate signal. The front-end transceiver may further include an oscillator signal generator respectively coupled to the first receiver frequency converter and to the receiver direct conversion stage so as to provide a first oscillator signal with a first oscillator frequency to the first receiver frequency converter and a first stabilizing signal with a first stabilizing frequency to the receiver direct conversion stage; wherein the oscillator signal generator may be configured so that the first oscillator frequency of the first oscillator signal may be selected such that any integer multiple of the first oscillator frequency of the first oscillator signal may be different from any integer multiple of the receiver frequency of the received signal. The front-end transceiver may also include a transmitter path.