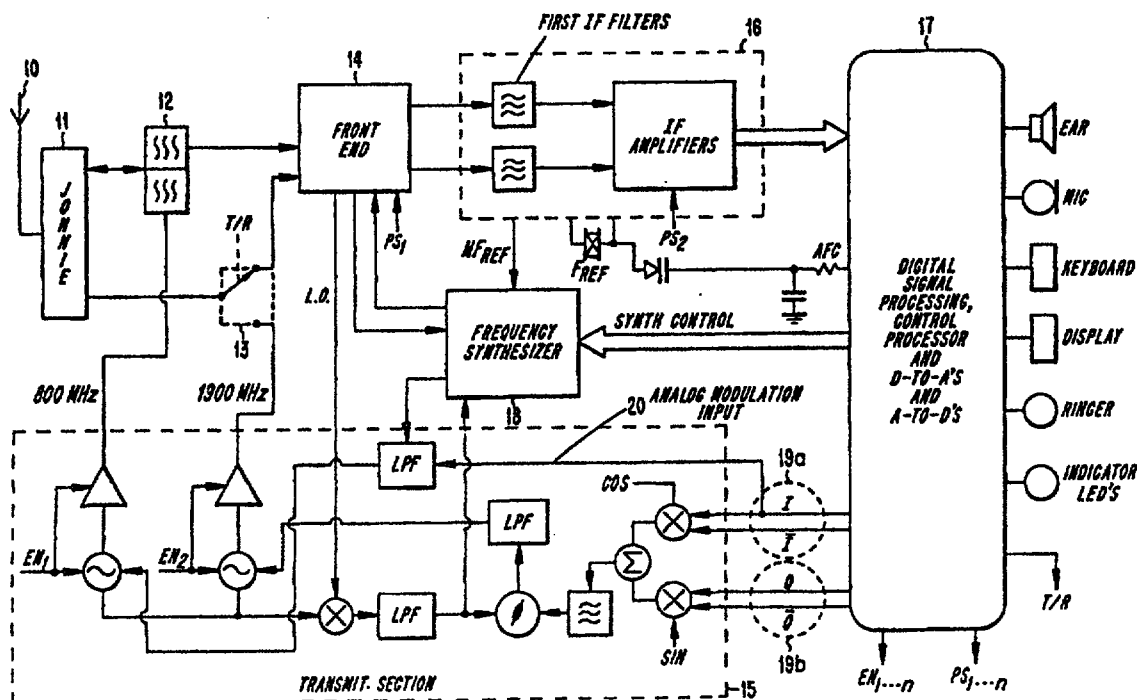




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(54) Title: DUAL-MODE RADIOTELEPHONE APPARATUS FOR DIGITAL OR ANALOG MODULATION



(57) Abstract

A dual-mode radiotelephone capable of operation in analog or digital modes. According to exemplary embodiments, a digital signal processor receives a speech signal to be transmitted in the digital or analog mode and generates In-phase (I) and Quadrature (Q) modulating signals. The I and Q signals are supplied to a quadrature modulator for generating a digitally modulated signal and are supplied to an analog modulator for generating an analog modulated signal.