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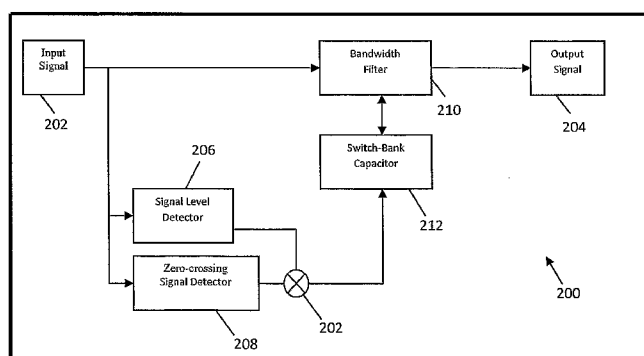
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(54) Title: SYSTEM AND METHOD FOR DYNAMIC BASS FREQUENCY CONTROL

Figure 2



(57) Abstract: A system and method for dynamic bass frequency control, the system comprising: a bandwidth filter coupled to a plurality of switchable electronic components for filtering a frequency range of an input signal; an amplifier coupled to the bandwidth filter and the plurality of switchable electronic components, the amplifier being configured for adjusting amplitude of the filtered frequency range of the input signal based on a configuration of the plurality of switchable electronic components; and a signal level detector coupled to the switchable electronic components for determining signal strength of the input signal, the signal level detector being configured to switch the plurality of switchable electronic components between more than one configuration based on the signal strength of the input signal, each configuration determining the frequency range of the input signal to be filtered by the bandwidth filter and the amplitude adjustment to be made to the filtered frequency range of the input signal by the amplifier.