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(54) Title: INTER-CHANNEL BANDWIDTH EXTENSION SPECTRAL MAPPING AND ADJUSTMENT

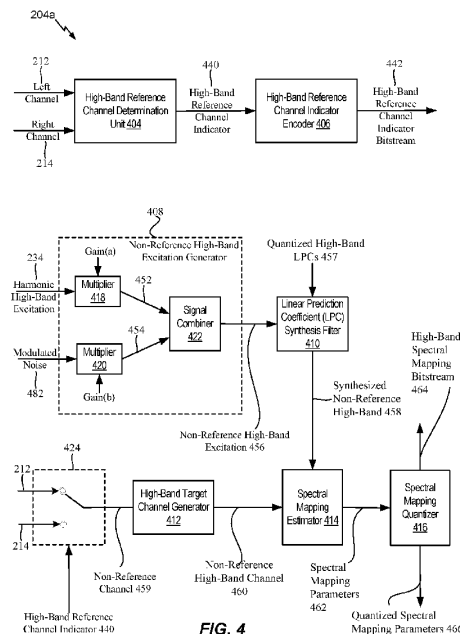


FIG. 4

(57) Abstract: A method includes selecting, at an encoder of a first device, a left channel or a right channel as a non-reference target channel based on a high-band reference channel indicator. The method also includes generating a synthesized non-reference high-band channel based on a non-reference high-band excitation corresponding to the non-reference target channel. The method also includes generating a high-band portion of the non-reference target channel. The method further includes estimating one or more spectral mapping parameters based on the synthesized non-reference high-band channel and the high-band portion of the non-reference target channel. The method also includes applying the one or more spectral mapping parameters to the synthesized non-reference high-band channel to generate a spectrally shaped synthesized non-reference high-band channel. The method further includes generating an encoded bitstream based on the one or more spectral mapping parameters and the spectrally shaped synthesized non-reference high-band channel.

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