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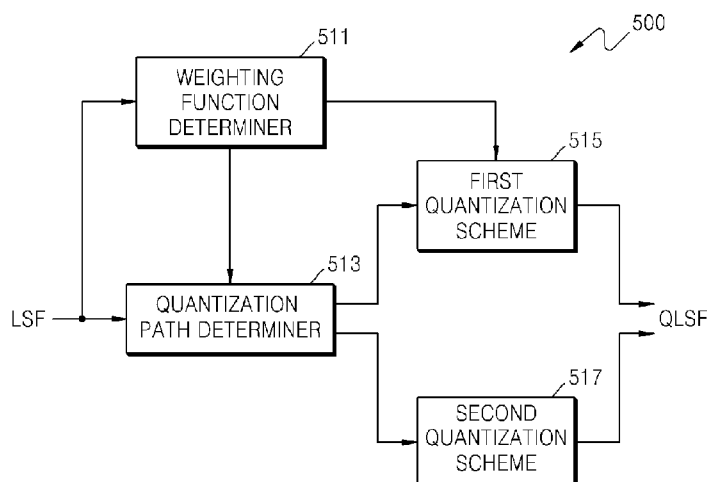
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(54) **Title:** APPARATUS FOR QUANTIZING LINEAR PREDICTIVE CODING COEFFICIENTS, SOUND ENCODING APPARATUS, APPARATUS FOR DE-QUANTIZING LINEAR PREDICTIVE CODING COEFFICIENTS, SOUND DECODING APPARATUS, AND ELECTRONIC DEVICE THEREFOR

[Fig. 5]



(57) **Abstract:** A quantizing apparatus is provided that includes a quantization path determiner that determines a path from a first path not using inter-frame prediction and a second path using the inter-frame prediction, as a quantization path of an input signal, based on a criterion before quantization of the input signal; a first quantizer that quantizes the input signal, if the first path is determined as the quantization path of the input signal; and a second quantizer that quantizes the input signal, if the second path is determined as the quantization path of the input signal.