

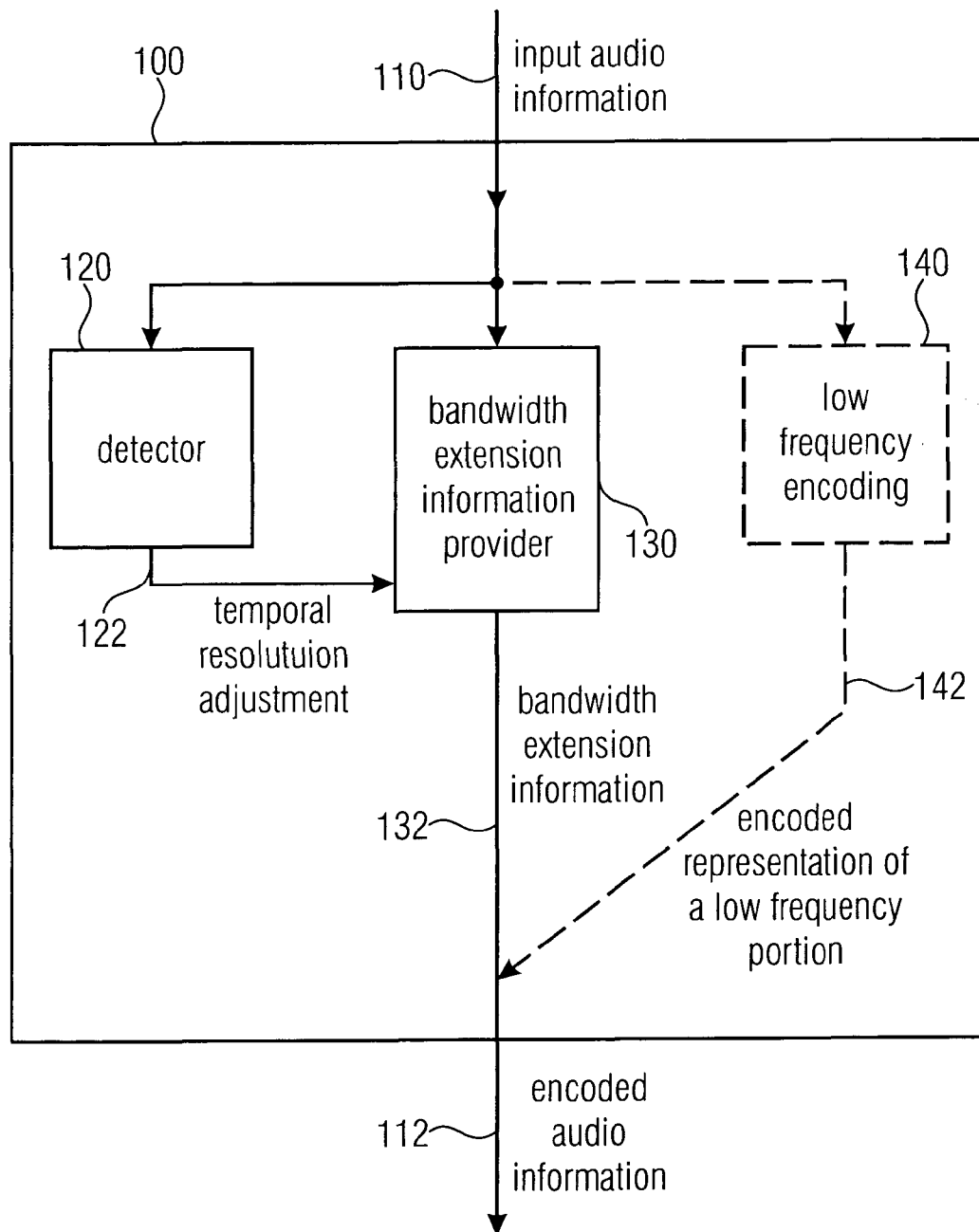


FIGURE 1

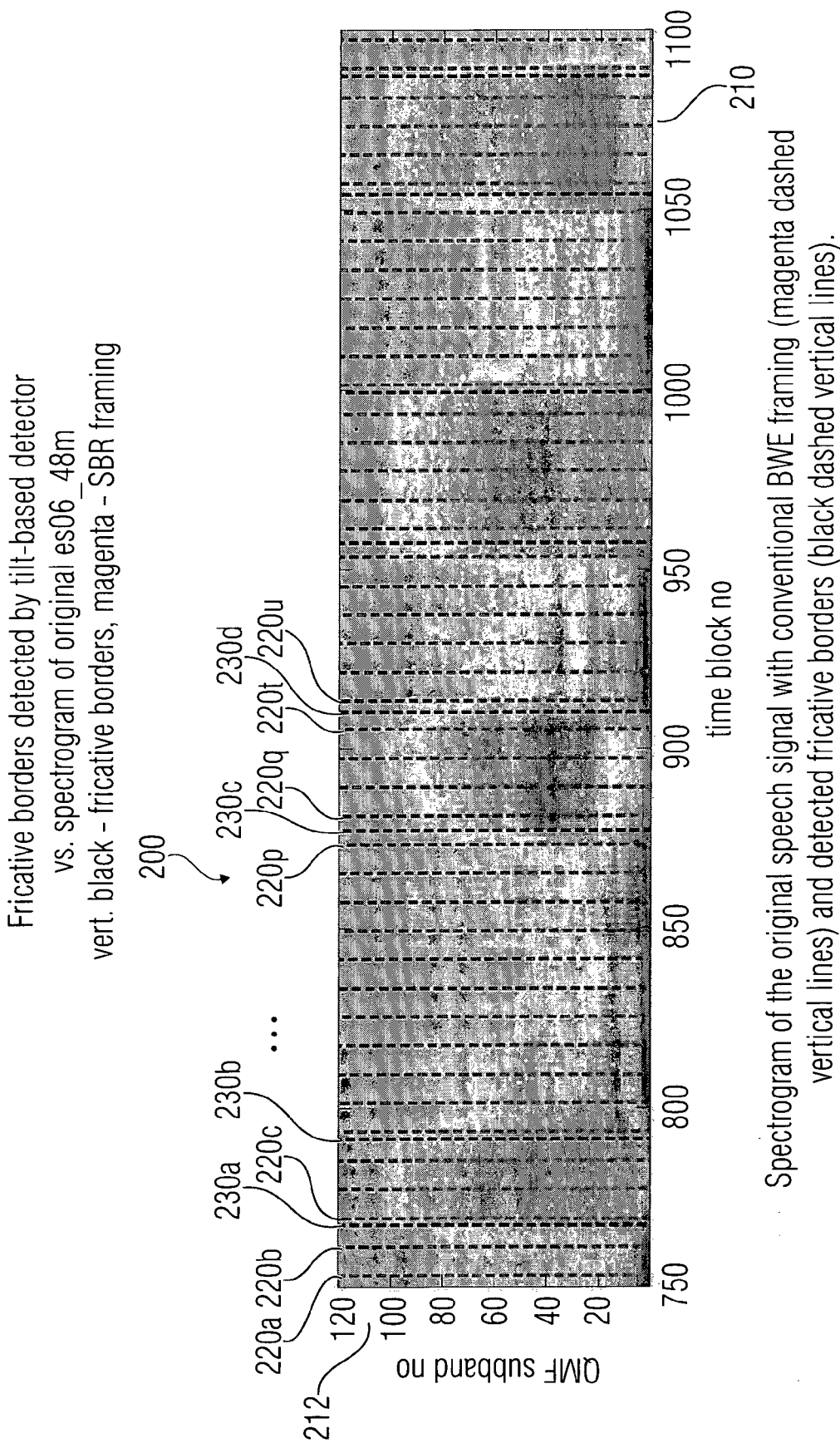
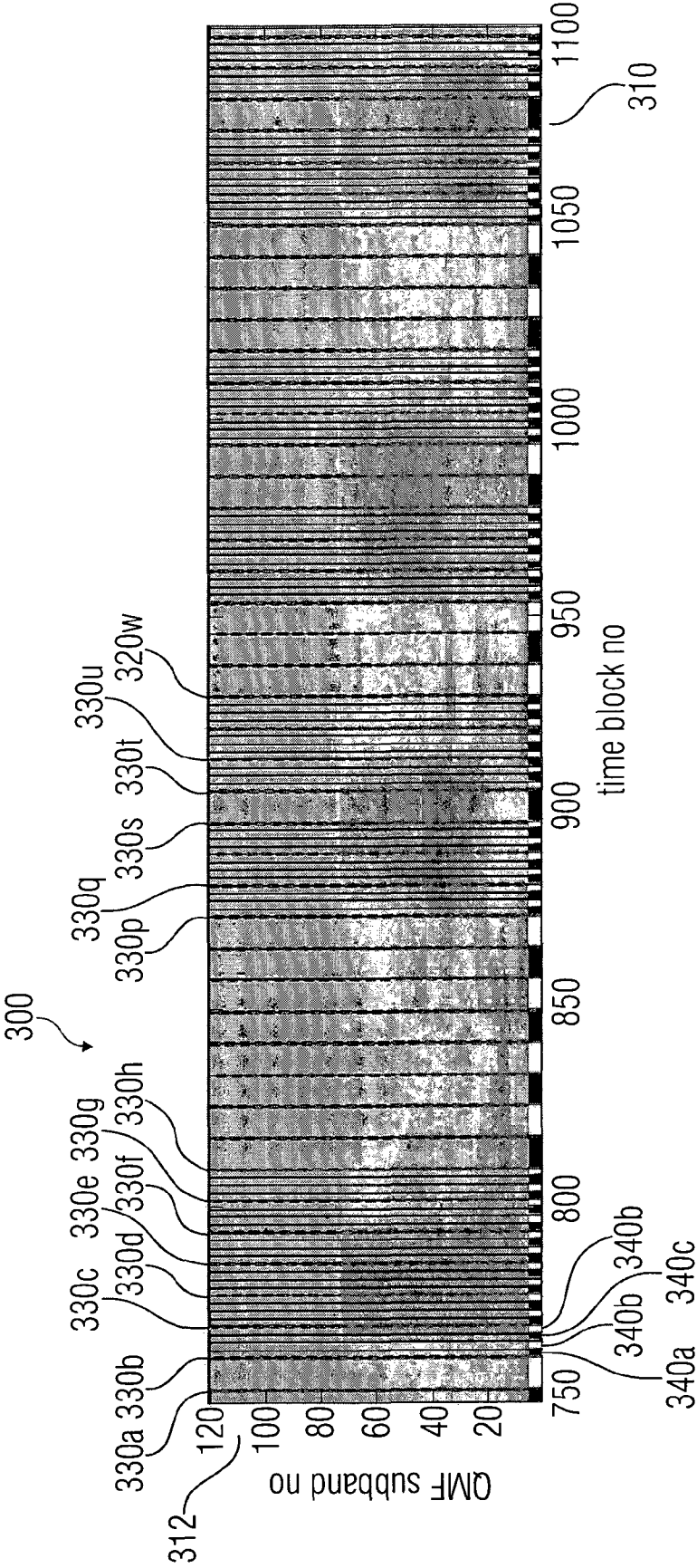


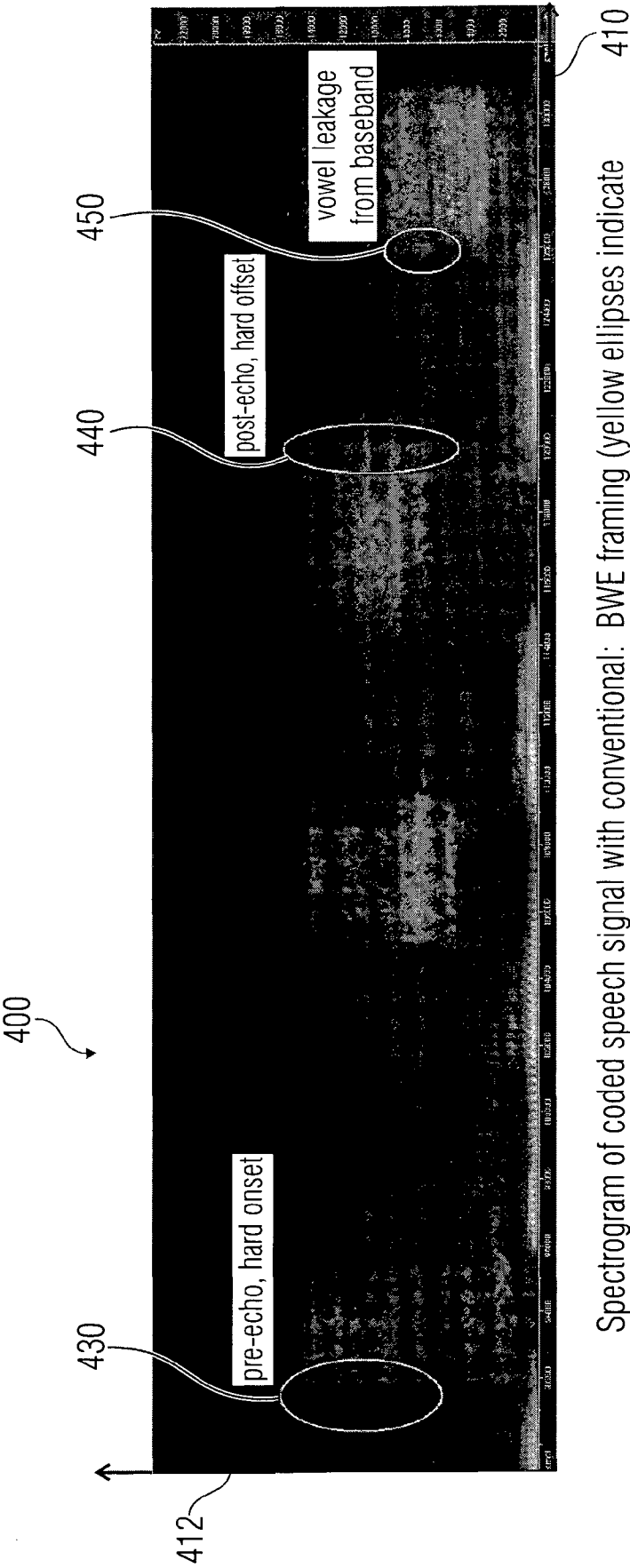
FIGURE 2

Parameter envelopes generated by SBR encoder
vs. spectrogram of USAC2 es06_48m_autoSibs4
Black/white alternating - normal envelopes, green - transient aligned envelopes
vert. black - envelope borders, magenta - SBR framing



Spectrogram of the original speech signal with inventive BWE framing (black solid vertical lines).

FIGURE 3



Spectrogram of coded speech signal with conventional: BWE framing (yellow ellipses indicate typical artefacts cause by the conventional BWE framing).

FIGURE 4

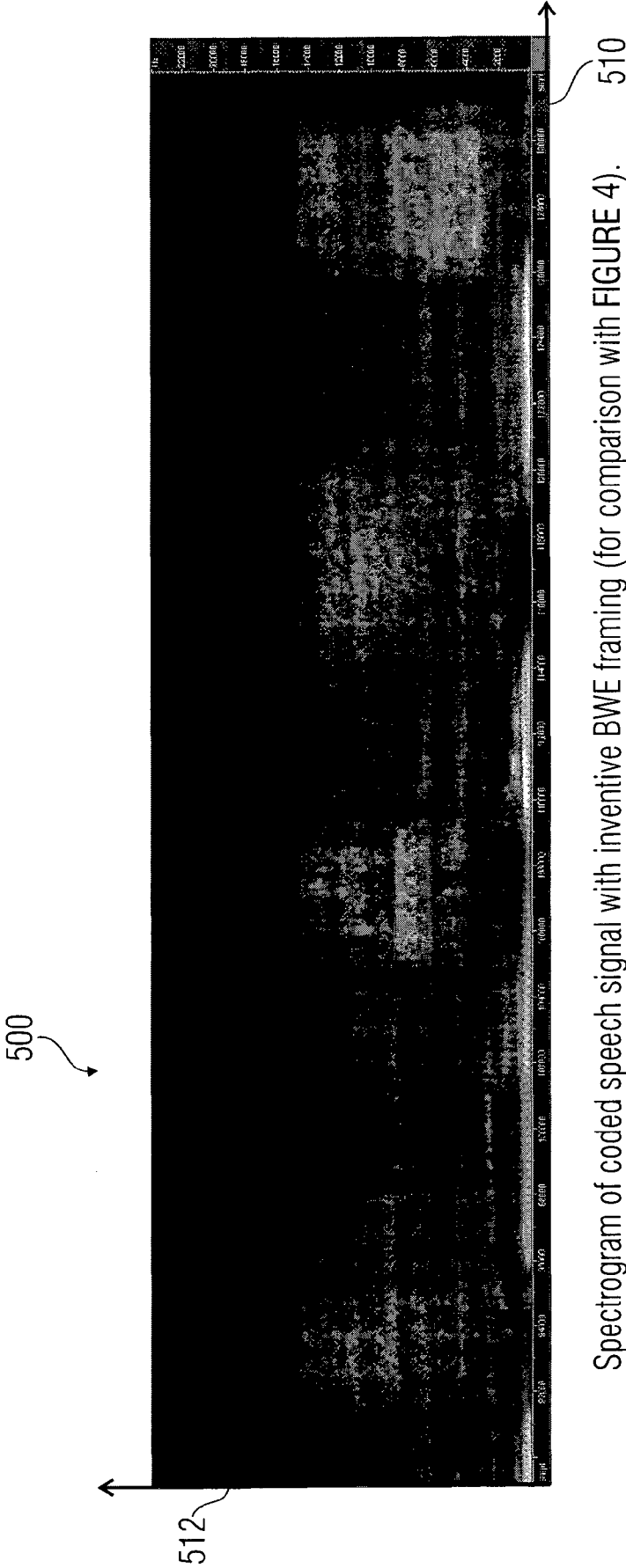


FIGURE 5

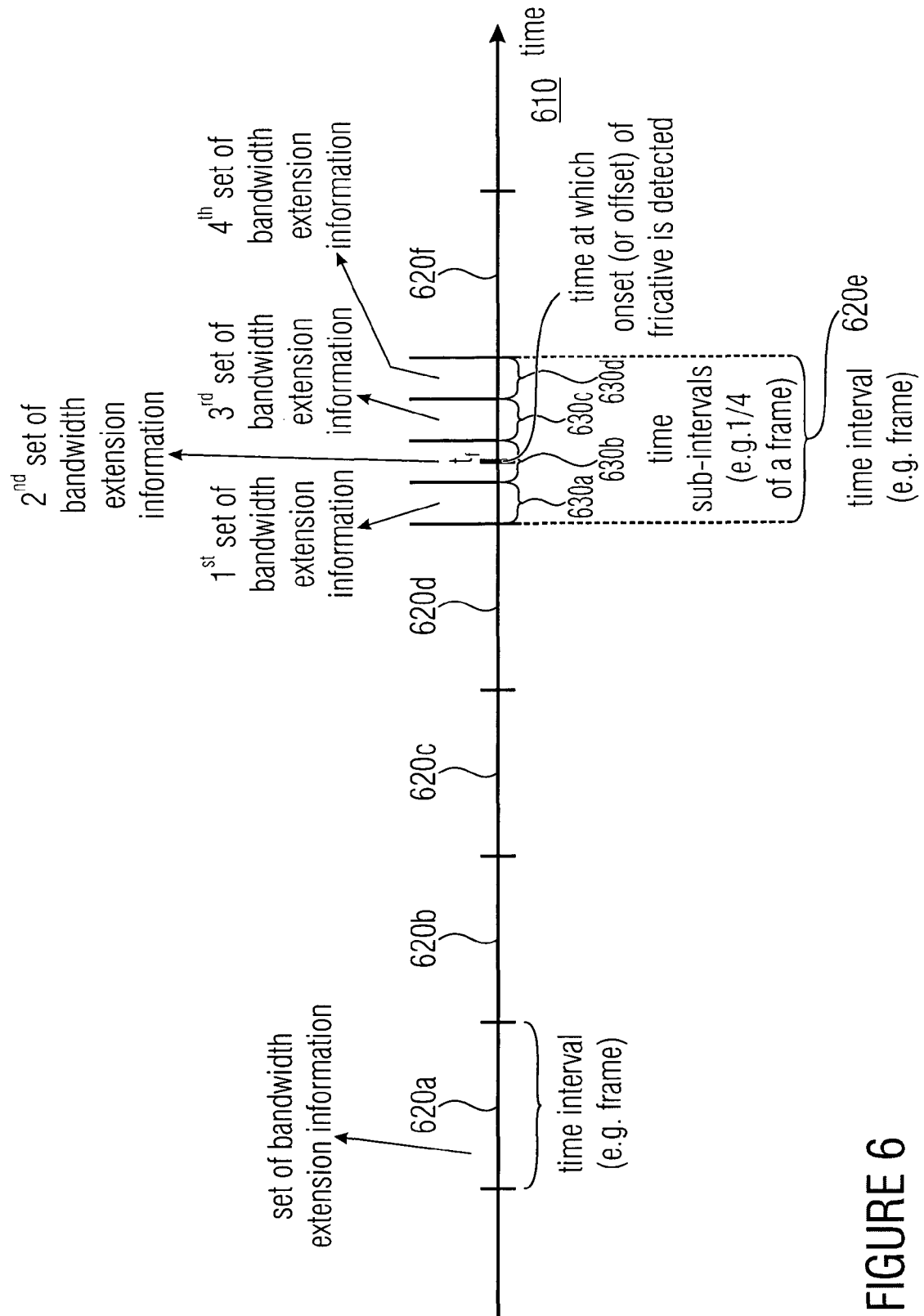


FIGURE 6

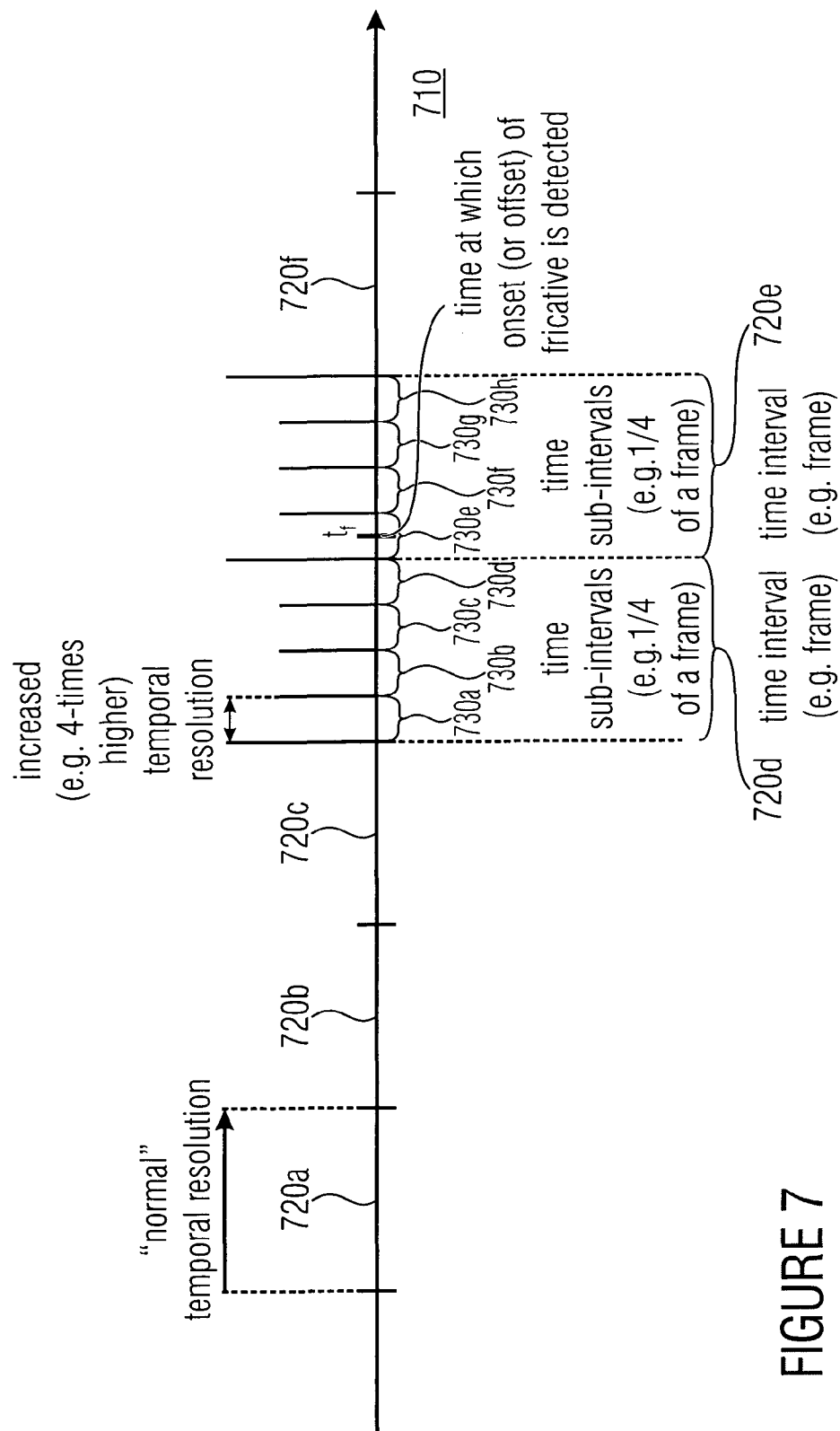


FIGURE 7

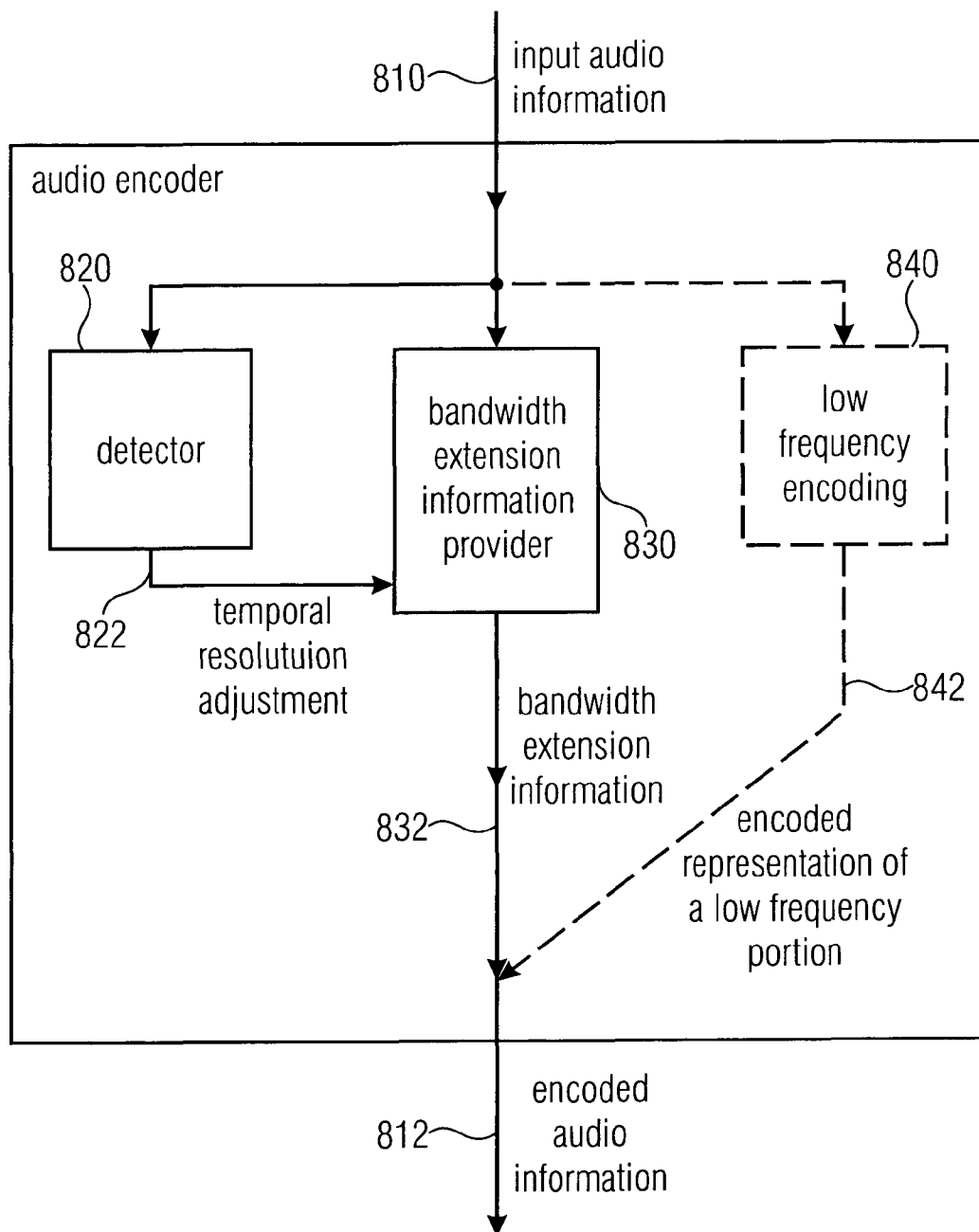


FIGURE 8

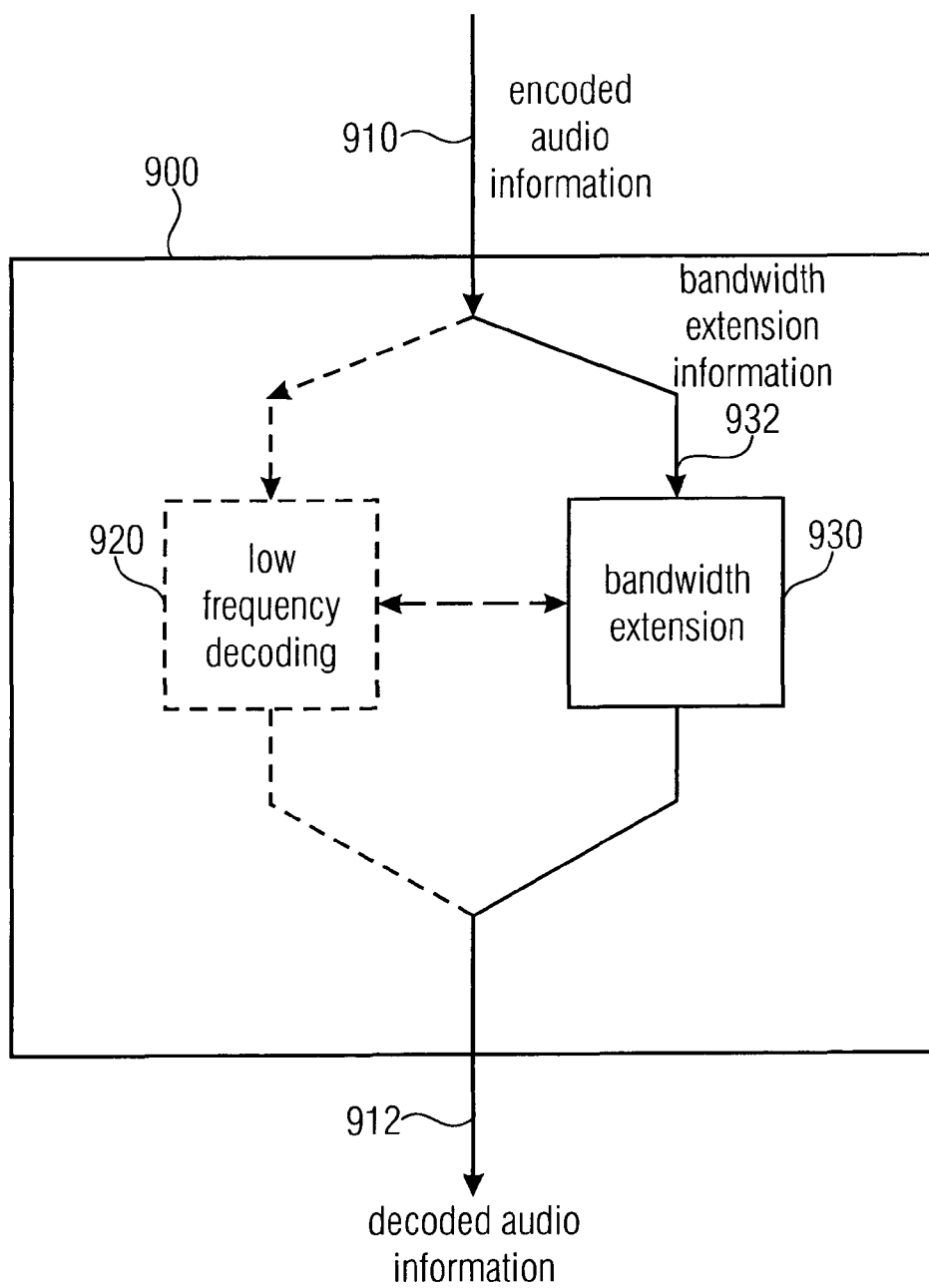


FIGURE 9

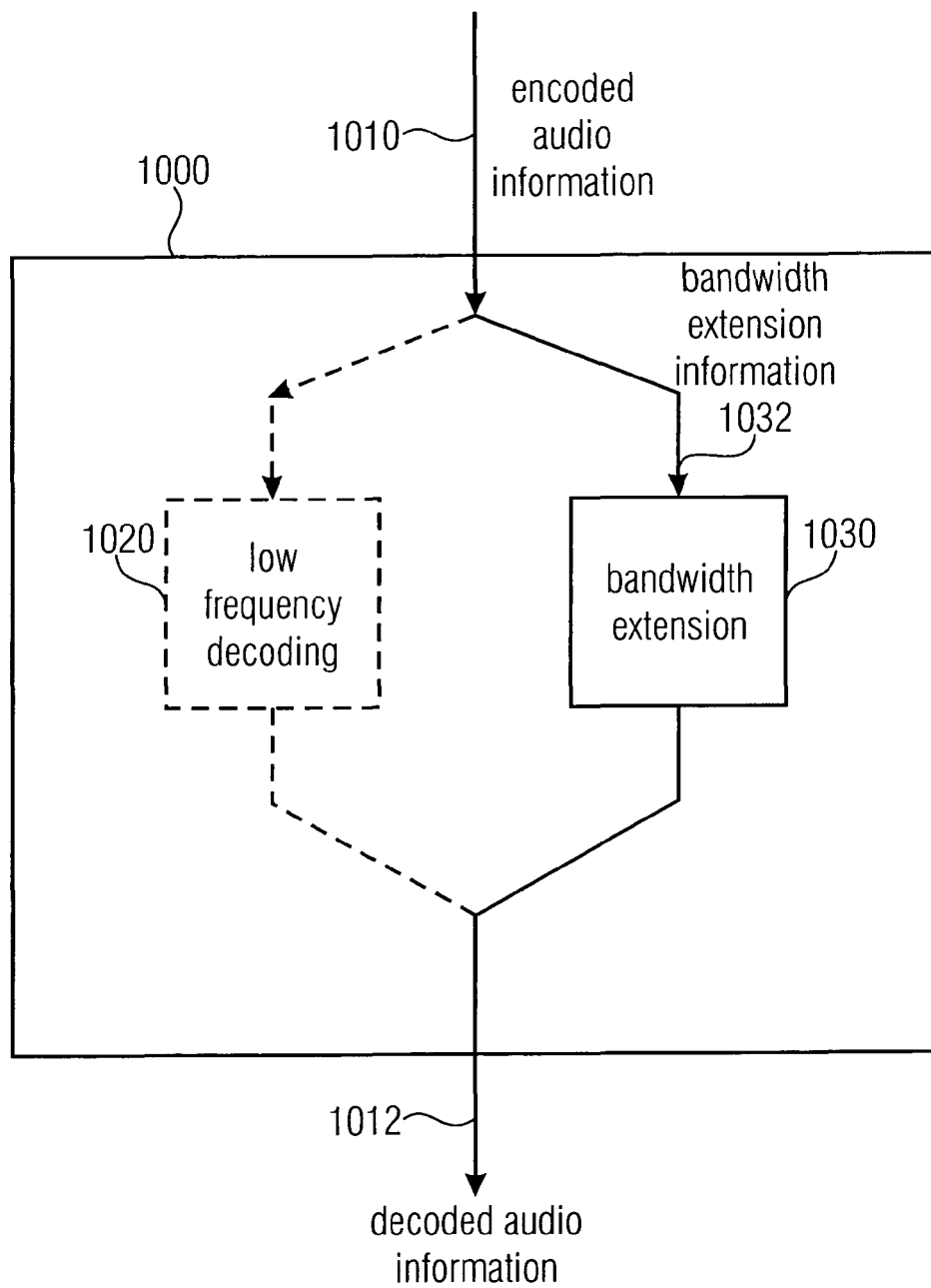


FIGURE 10

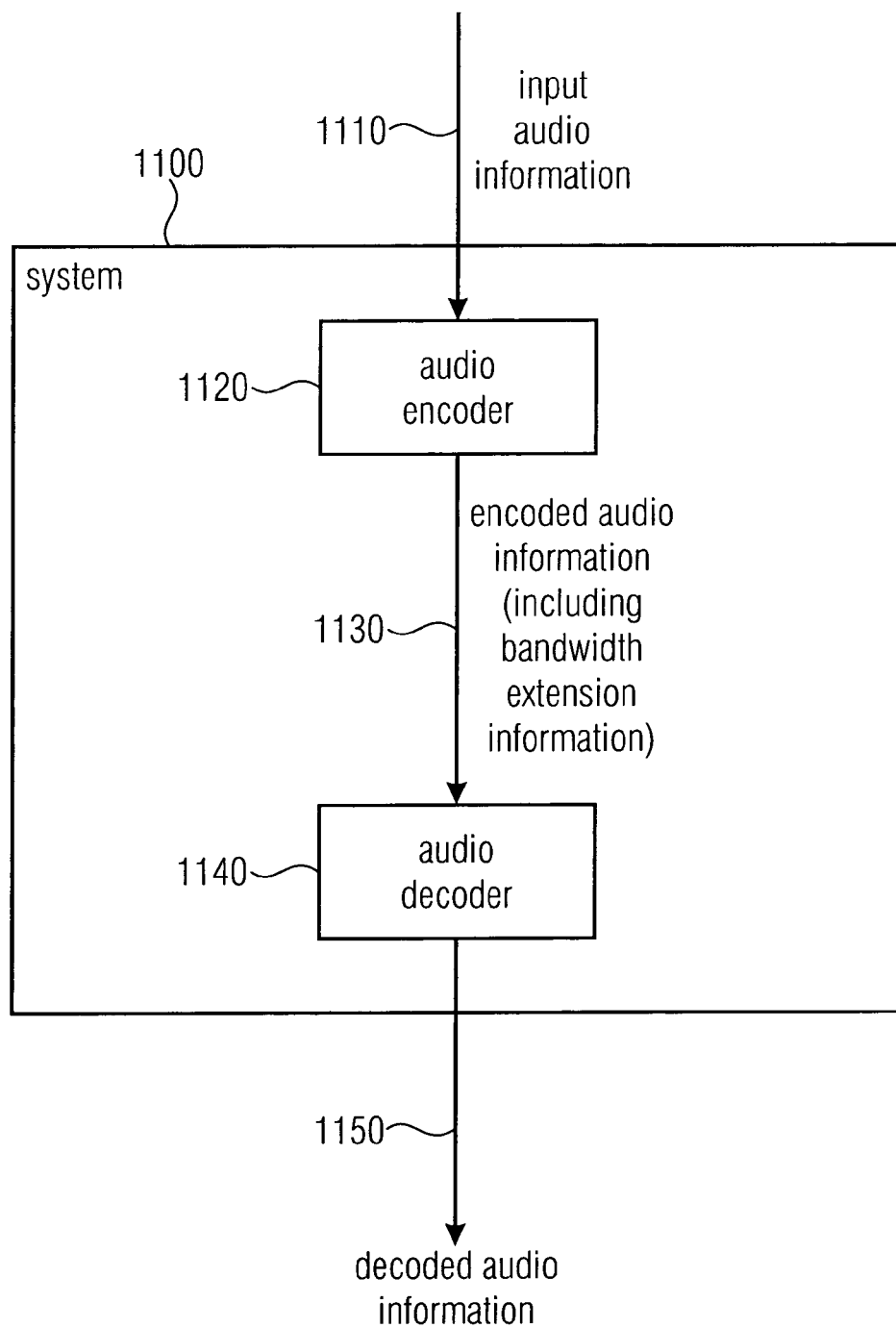


FIGURE 11

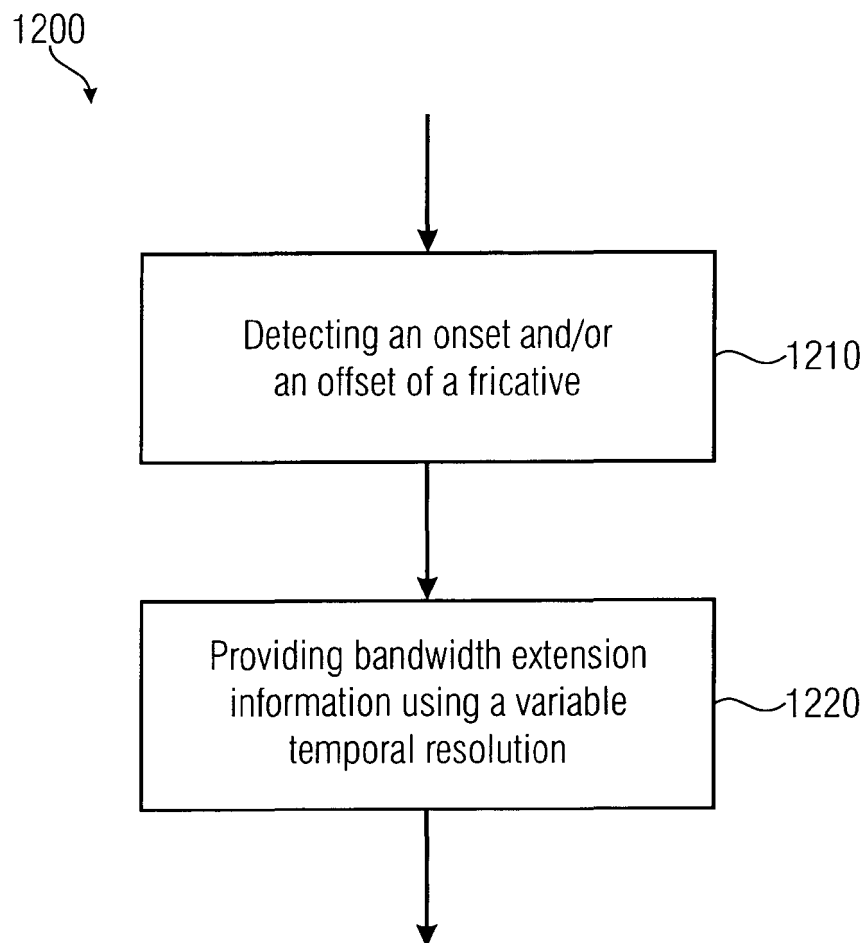


FIGURE 12

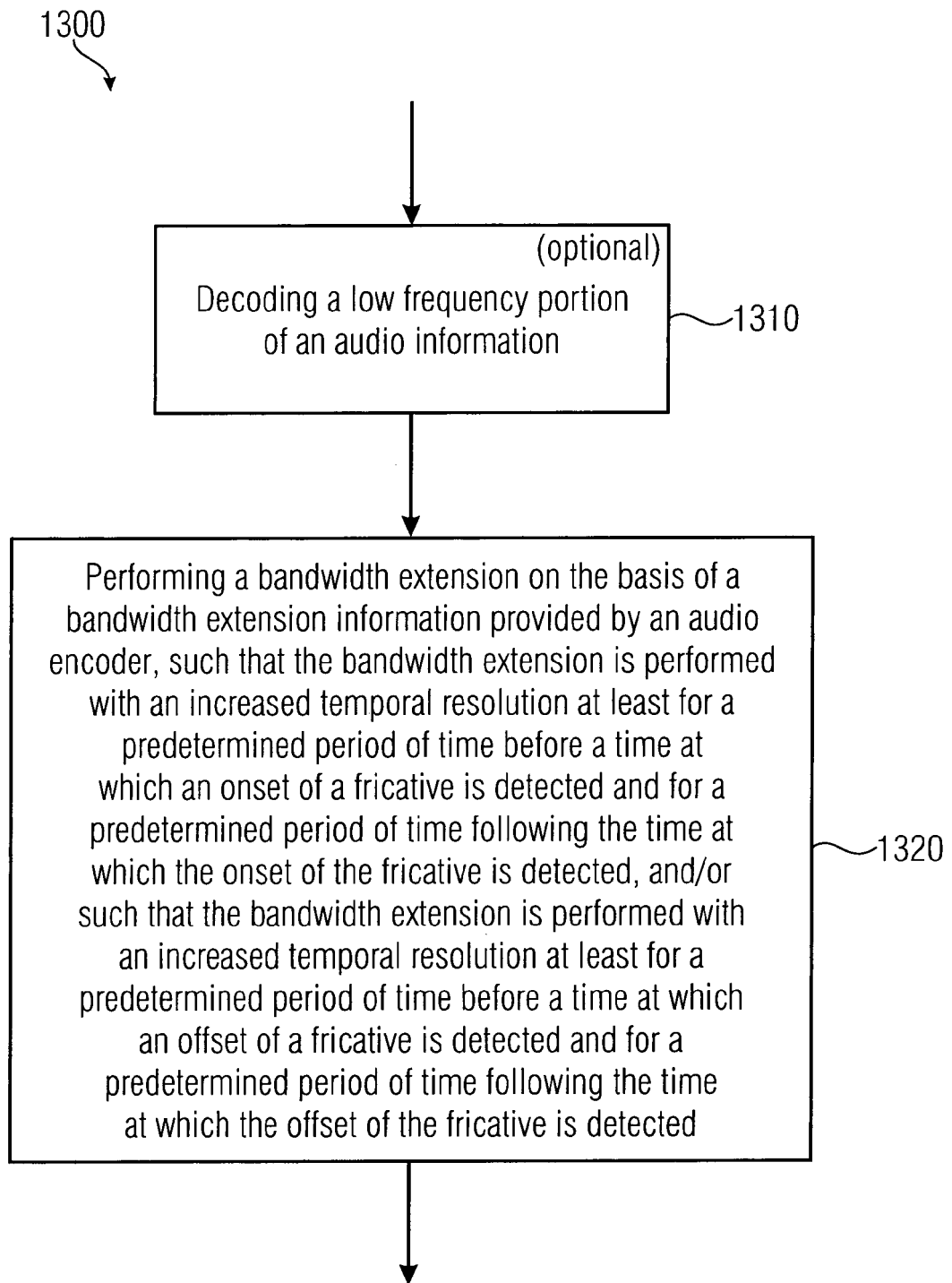


FIGURE 13