

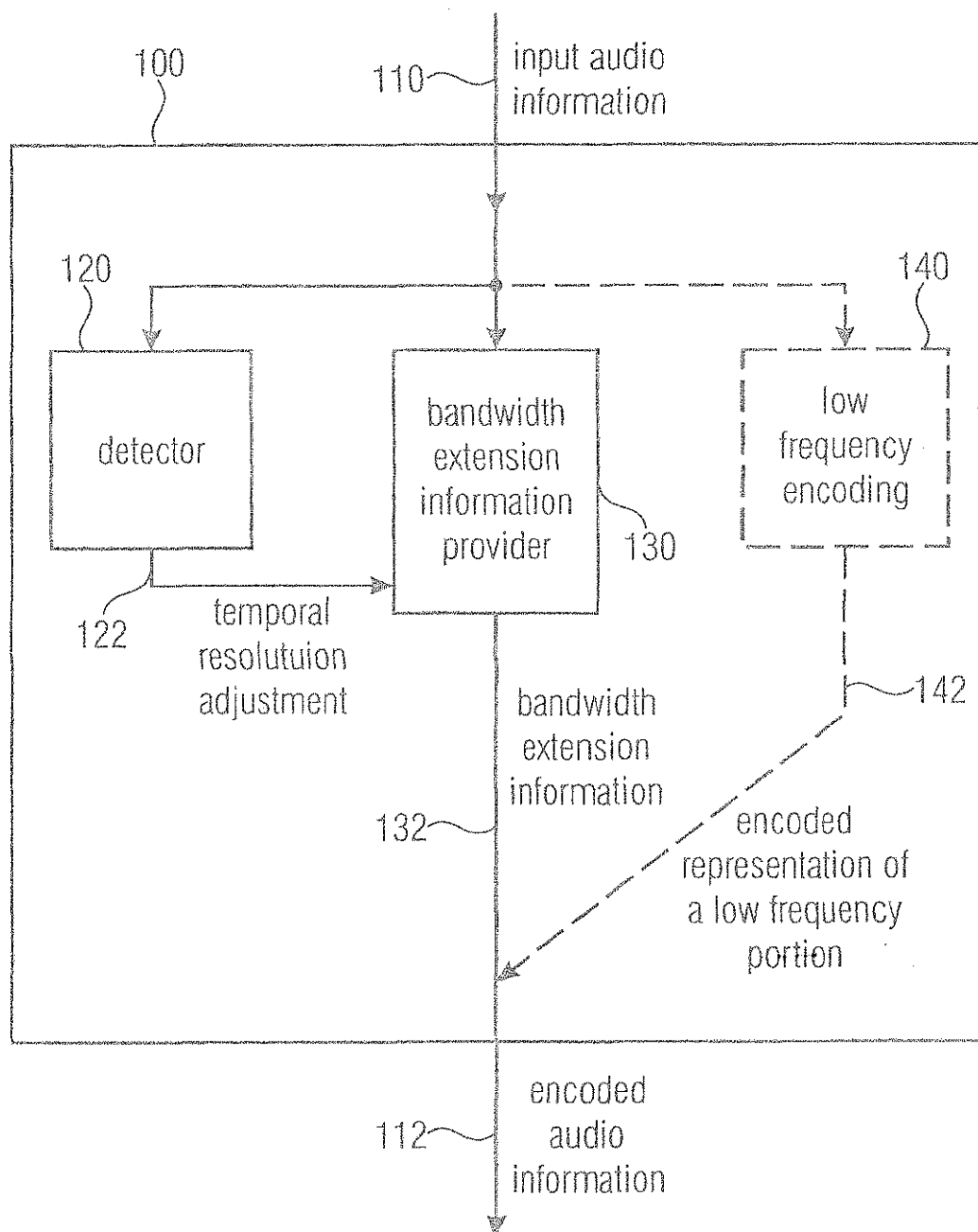


FIGURE 1

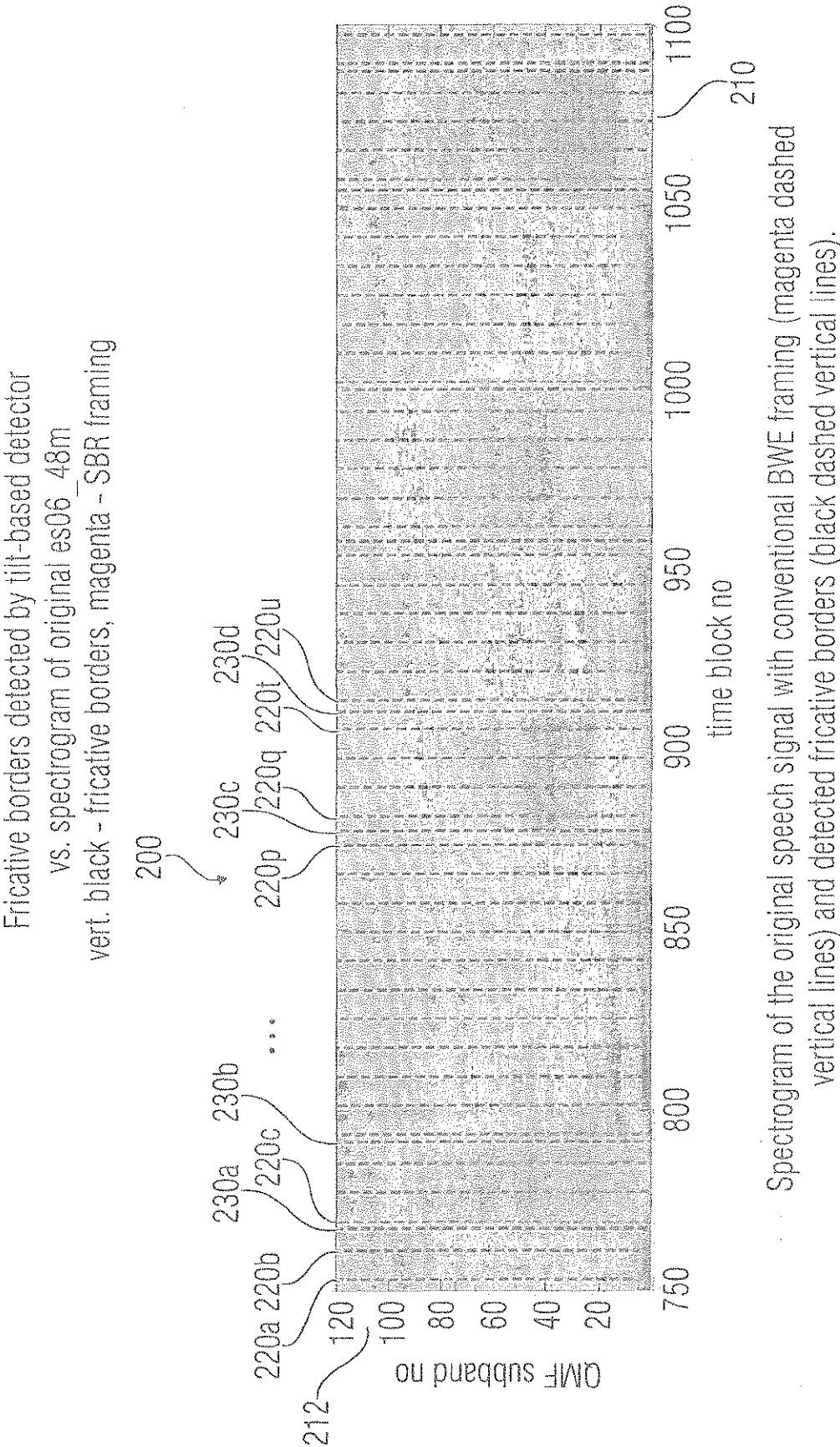


FIGURE 2

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

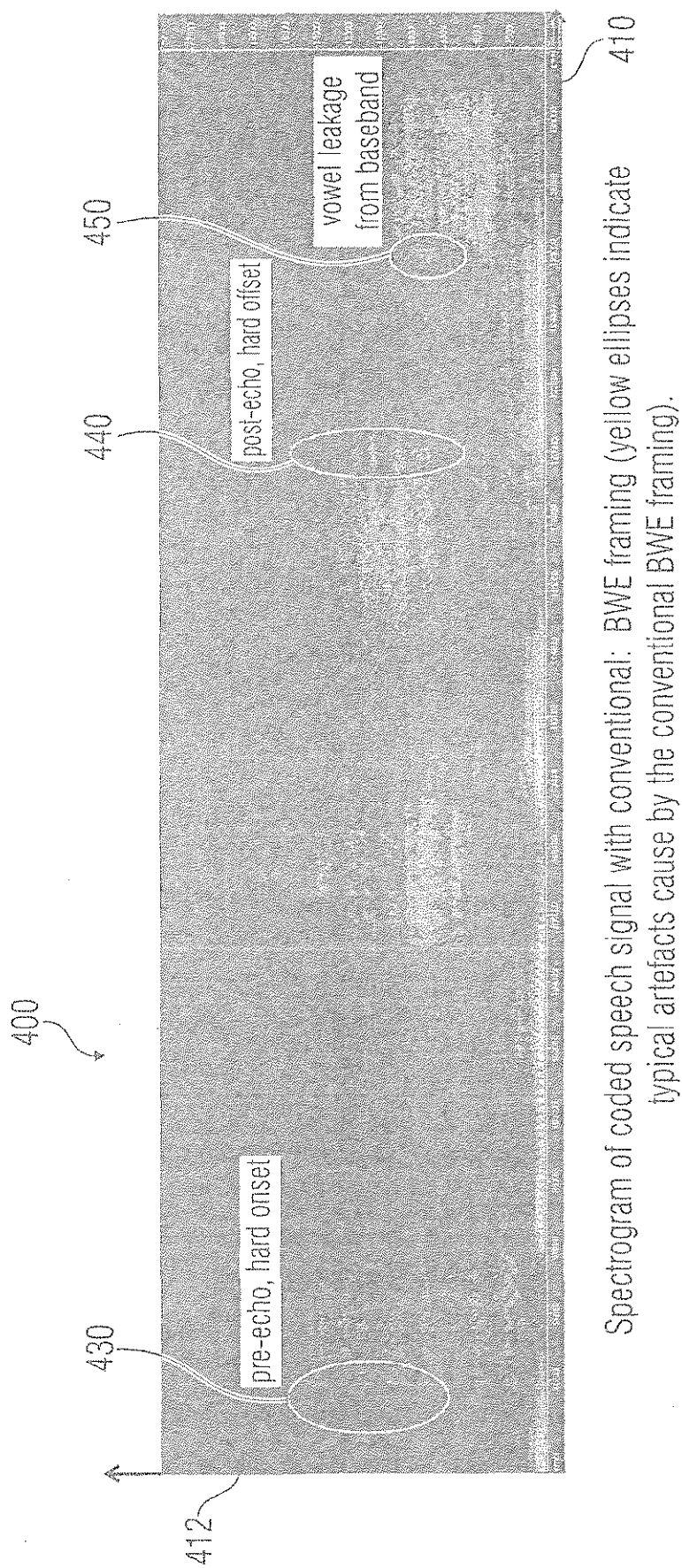
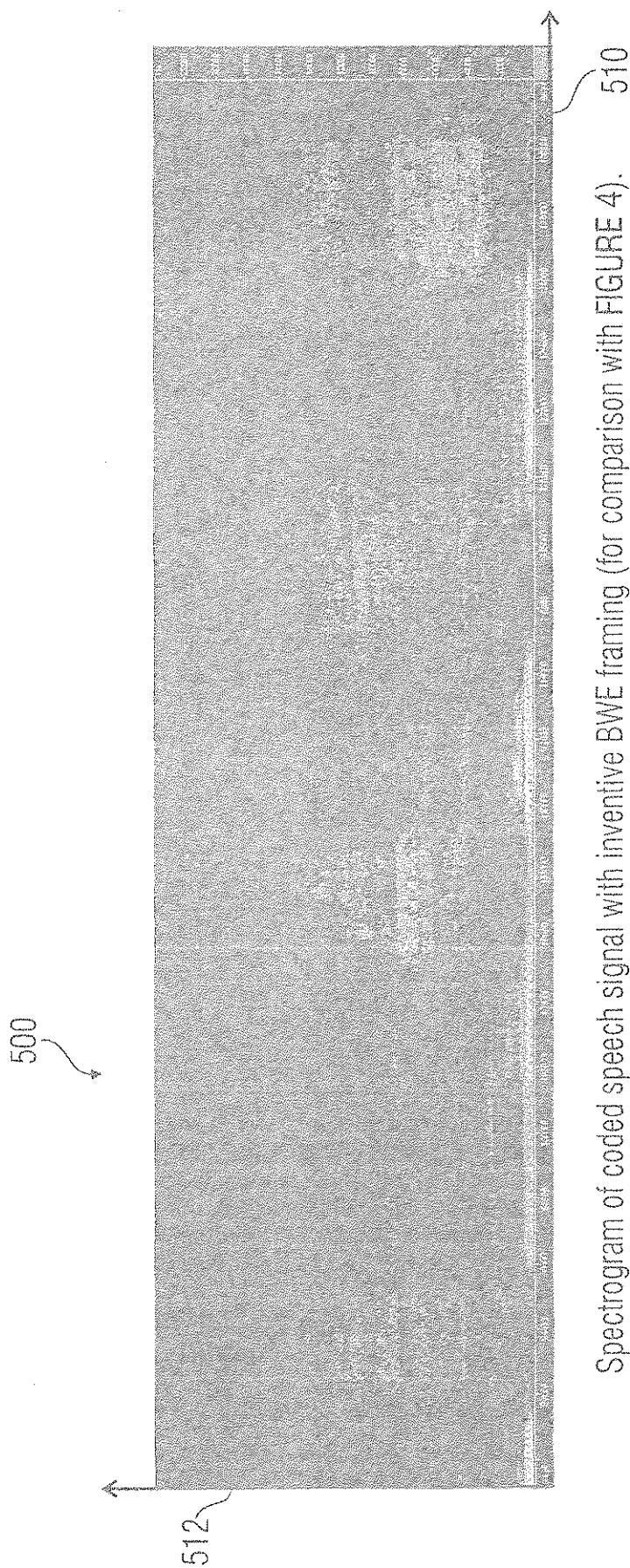


FIGURE 4



Spectrogram of coded speech signal with inventive BWE framing (for comparison with FIGURE 4).
The problematic areas as indicated in FIGURE 4 are substantially improved.

FIGURE 5

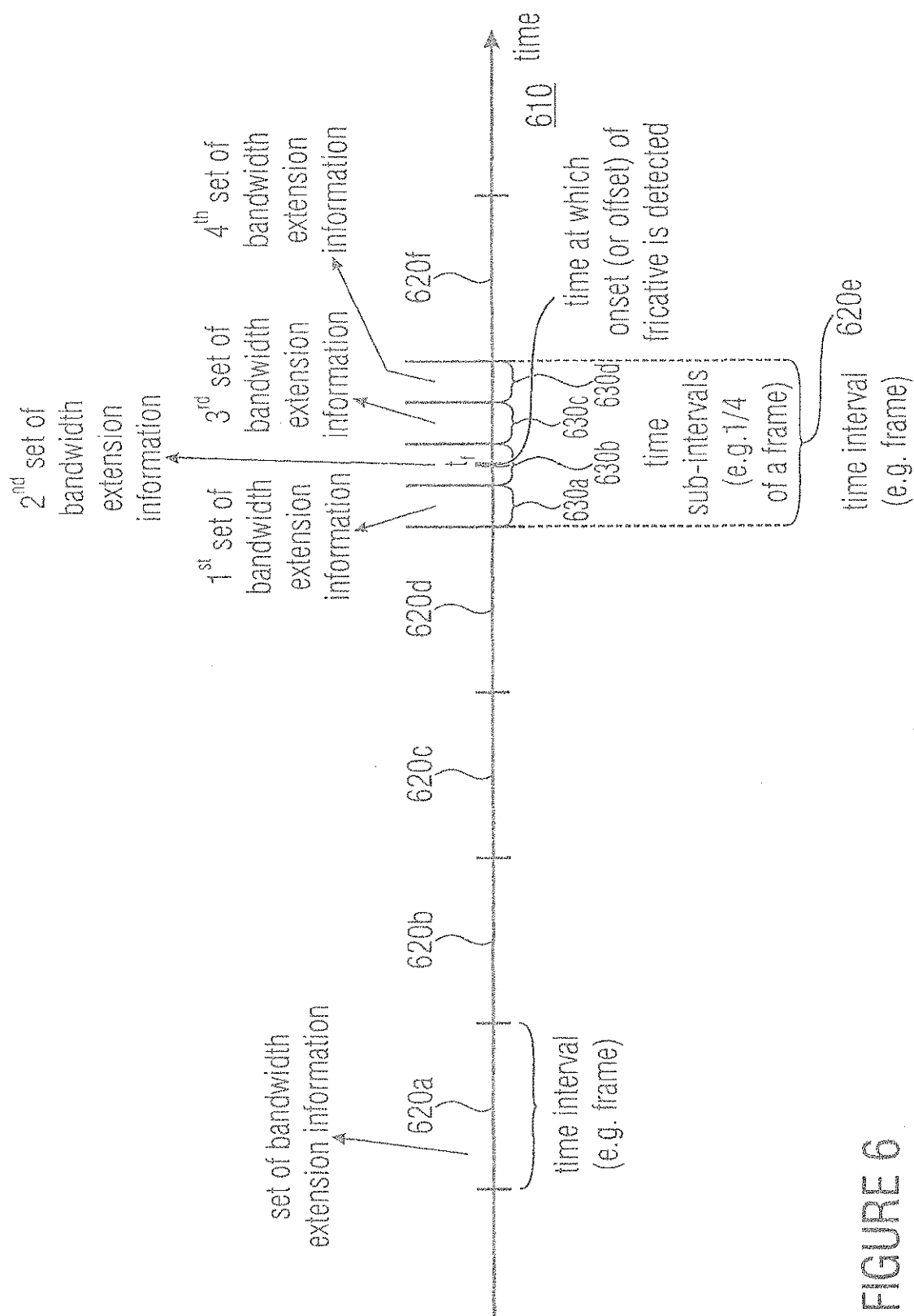
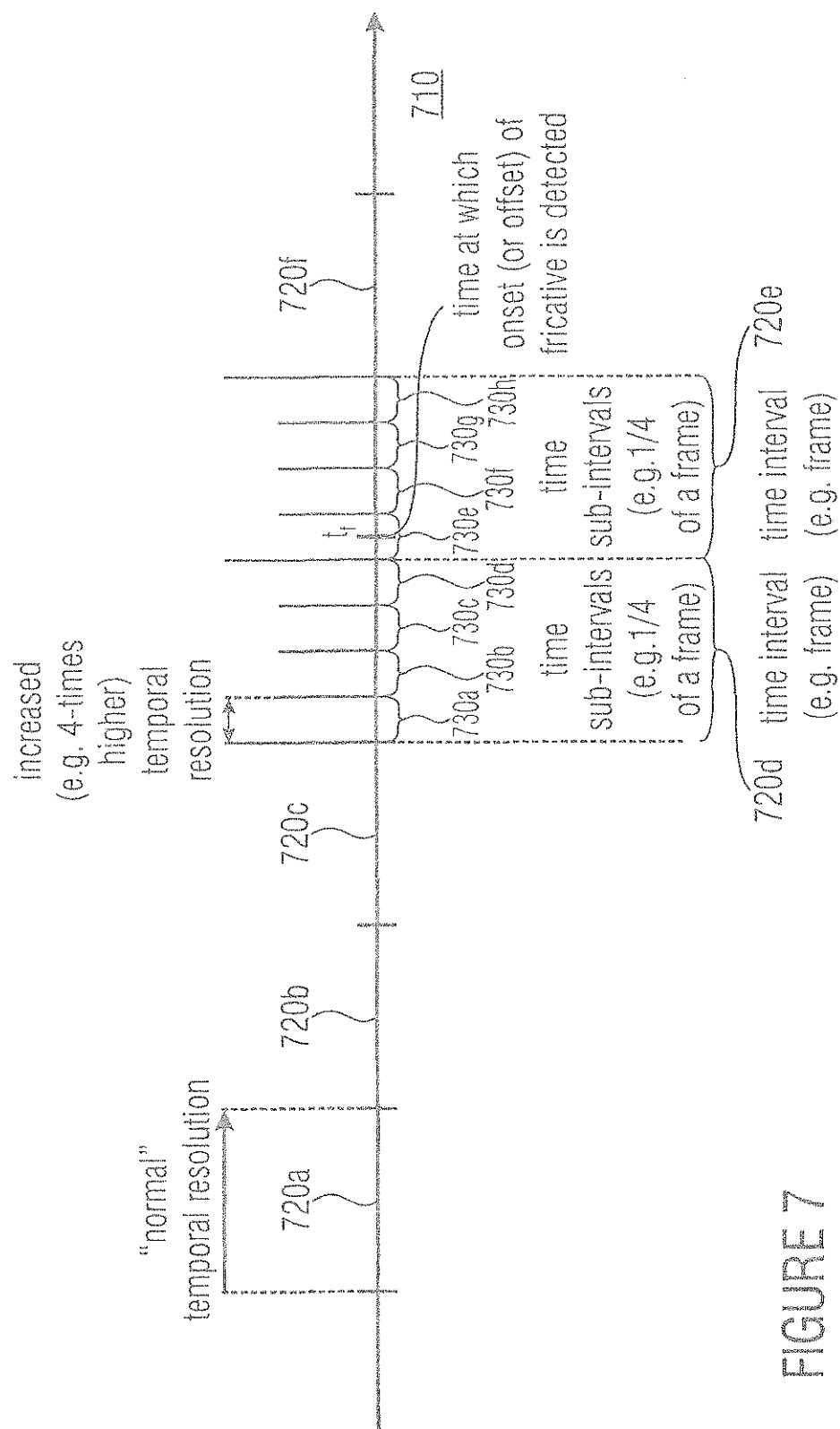


FIGURE 6



W
E
B
S
T
E
R

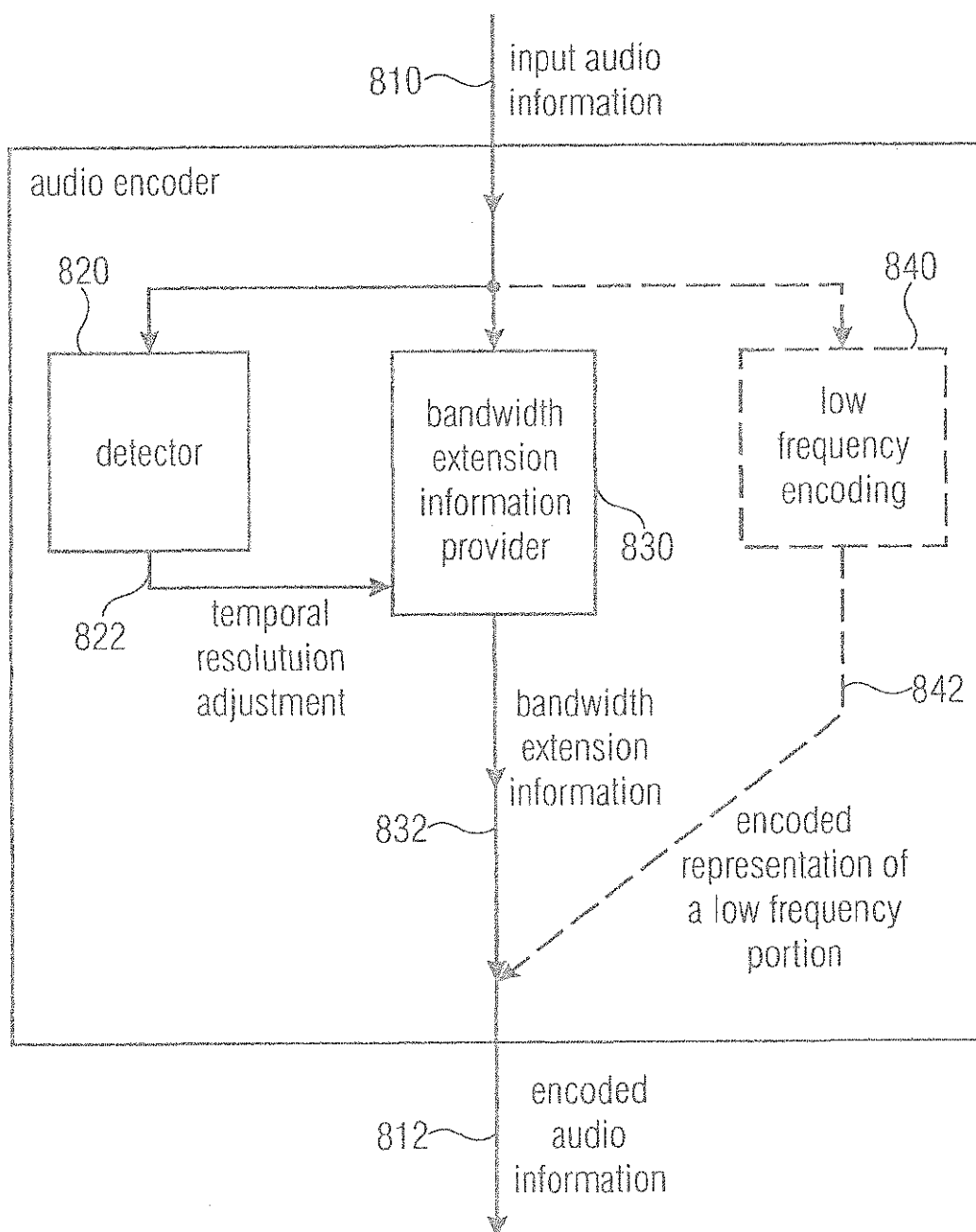


FIGURE 8

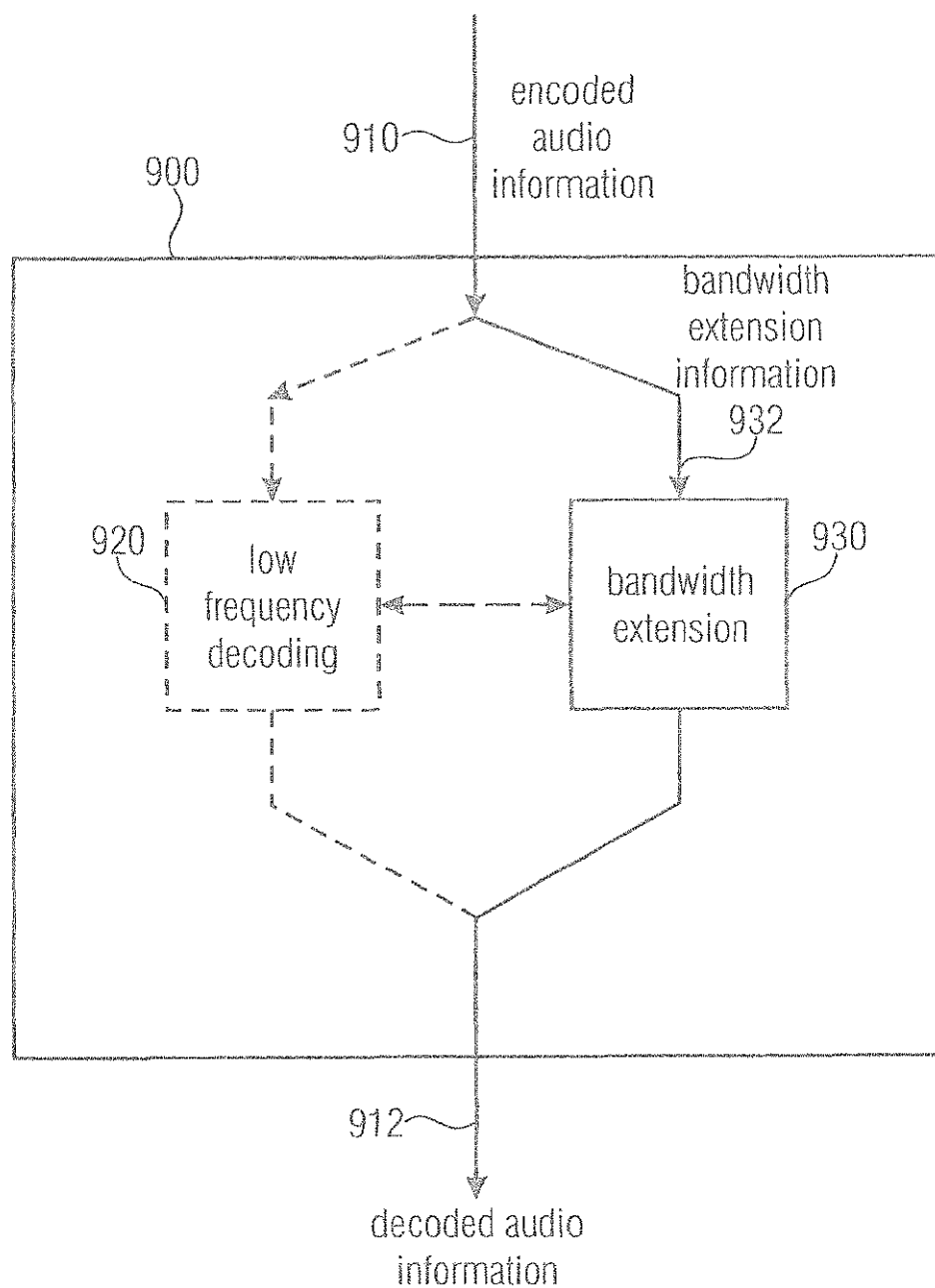


FIGURE 9

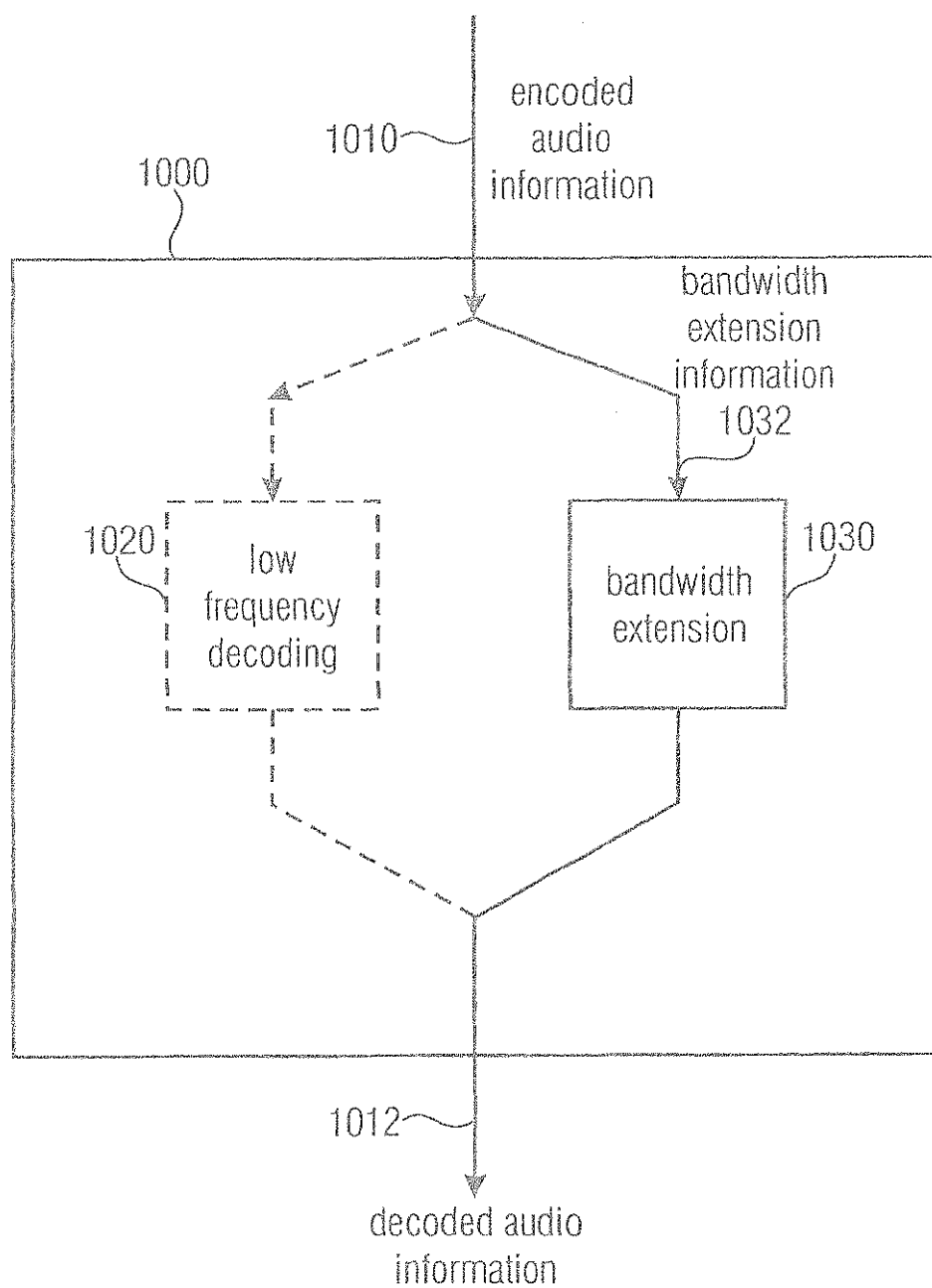


FIGURE 10

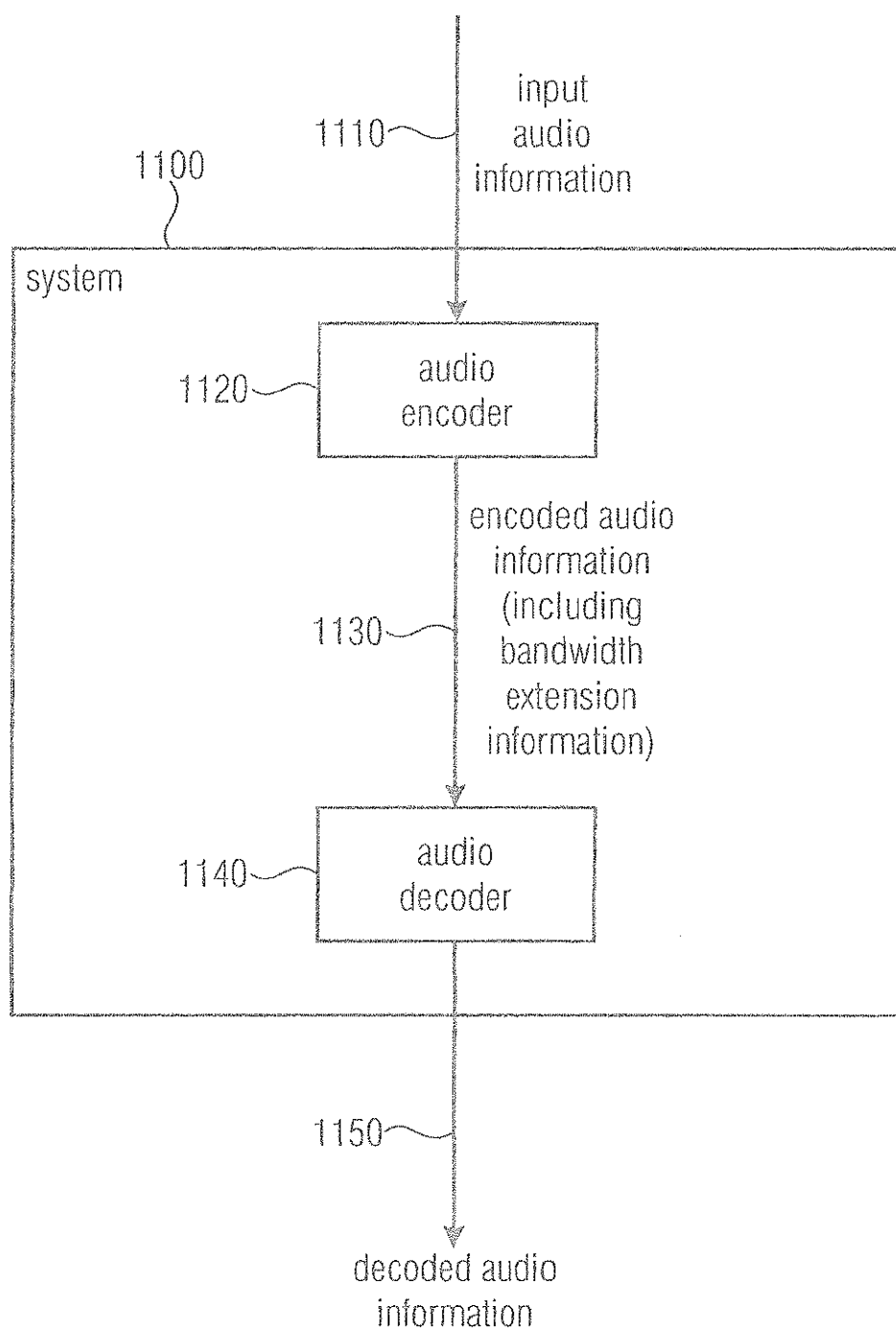


FIGURE 11

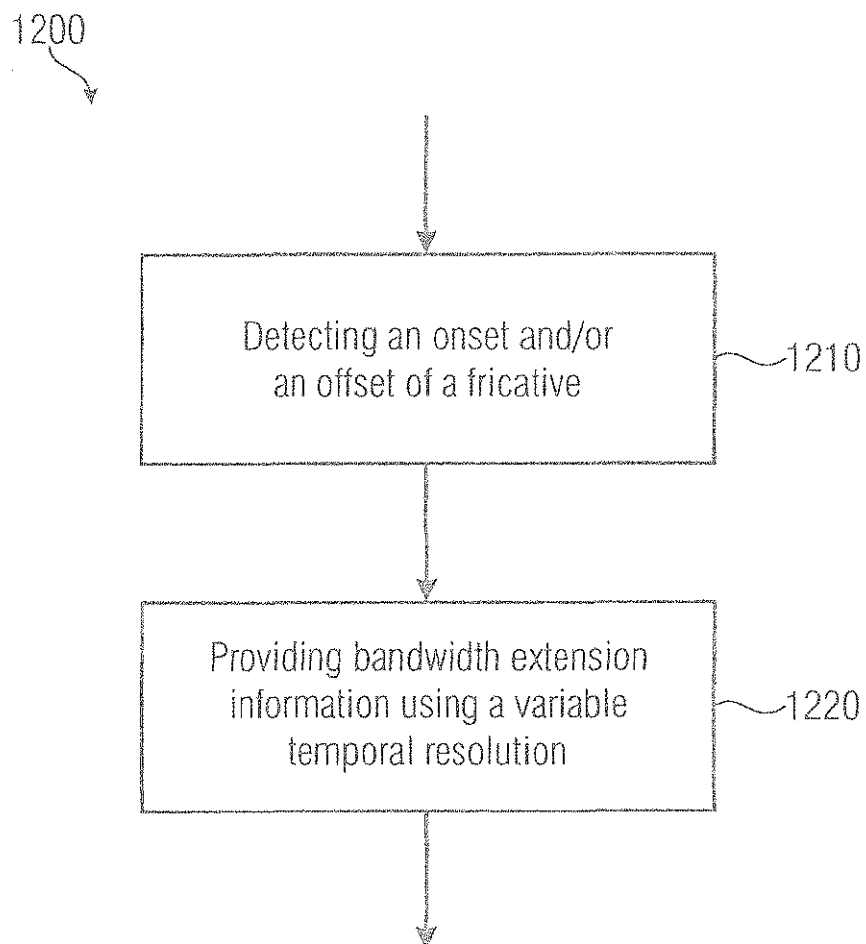


FIGURE 12

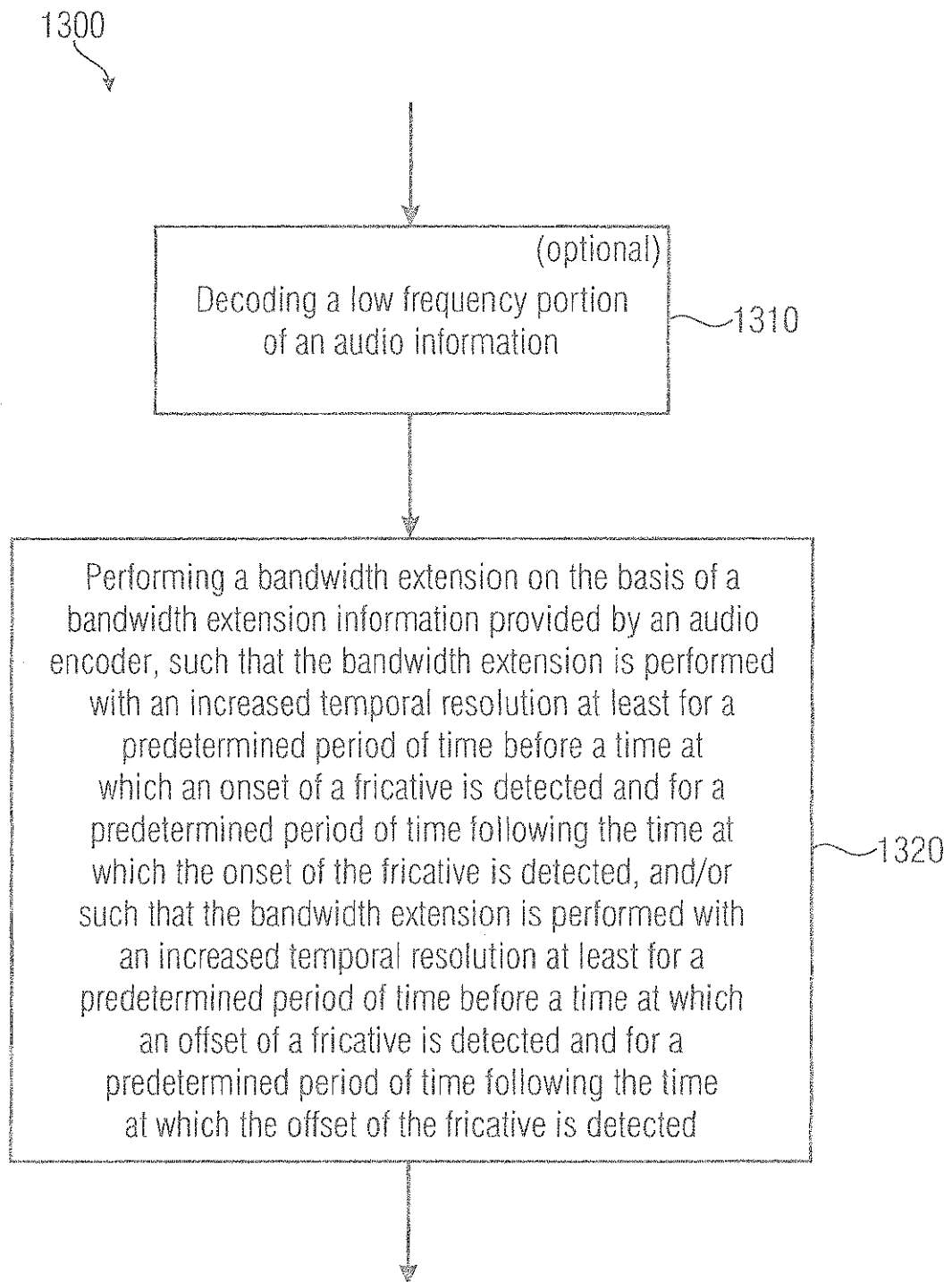


FIGURE 13