

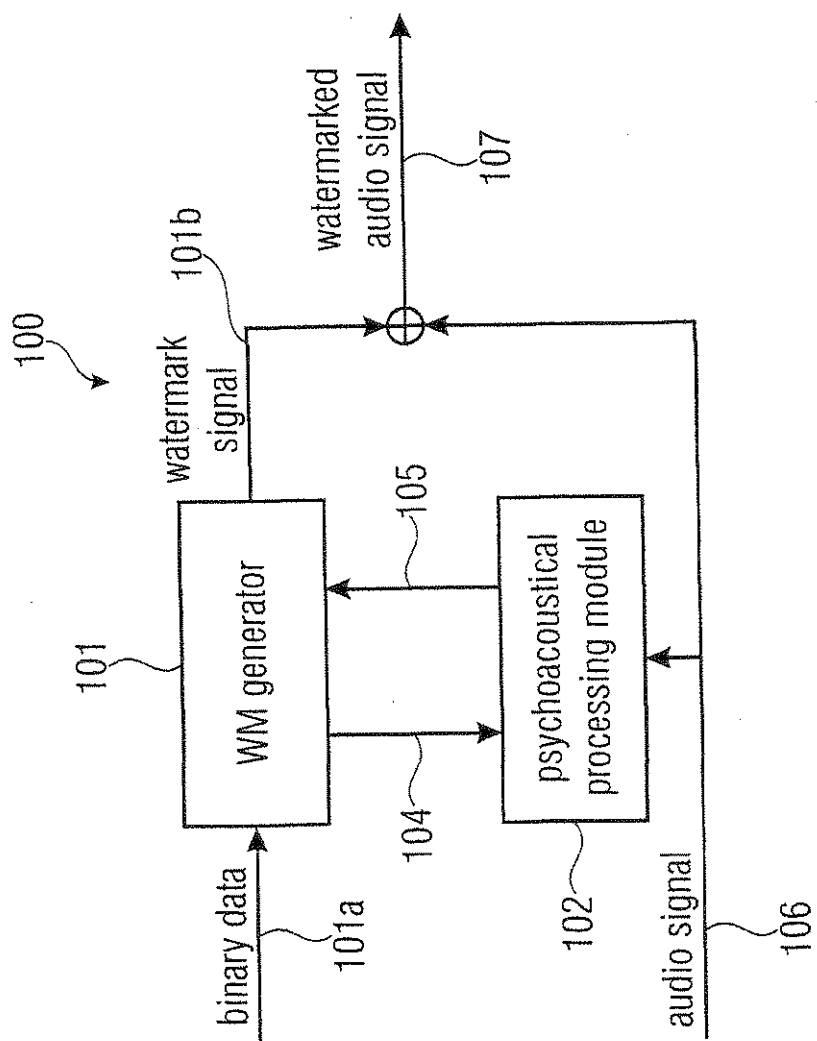


FIGURE 1

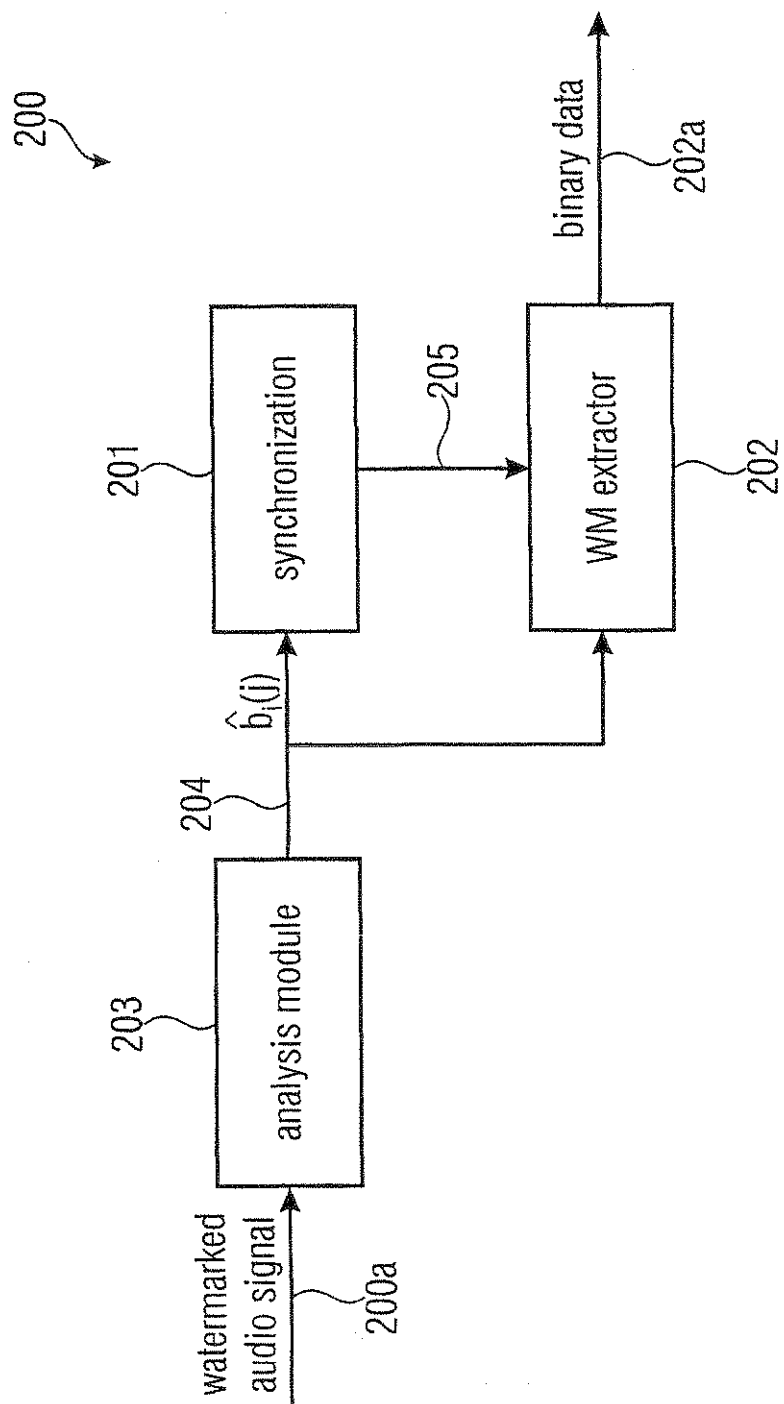


FIGURE 2

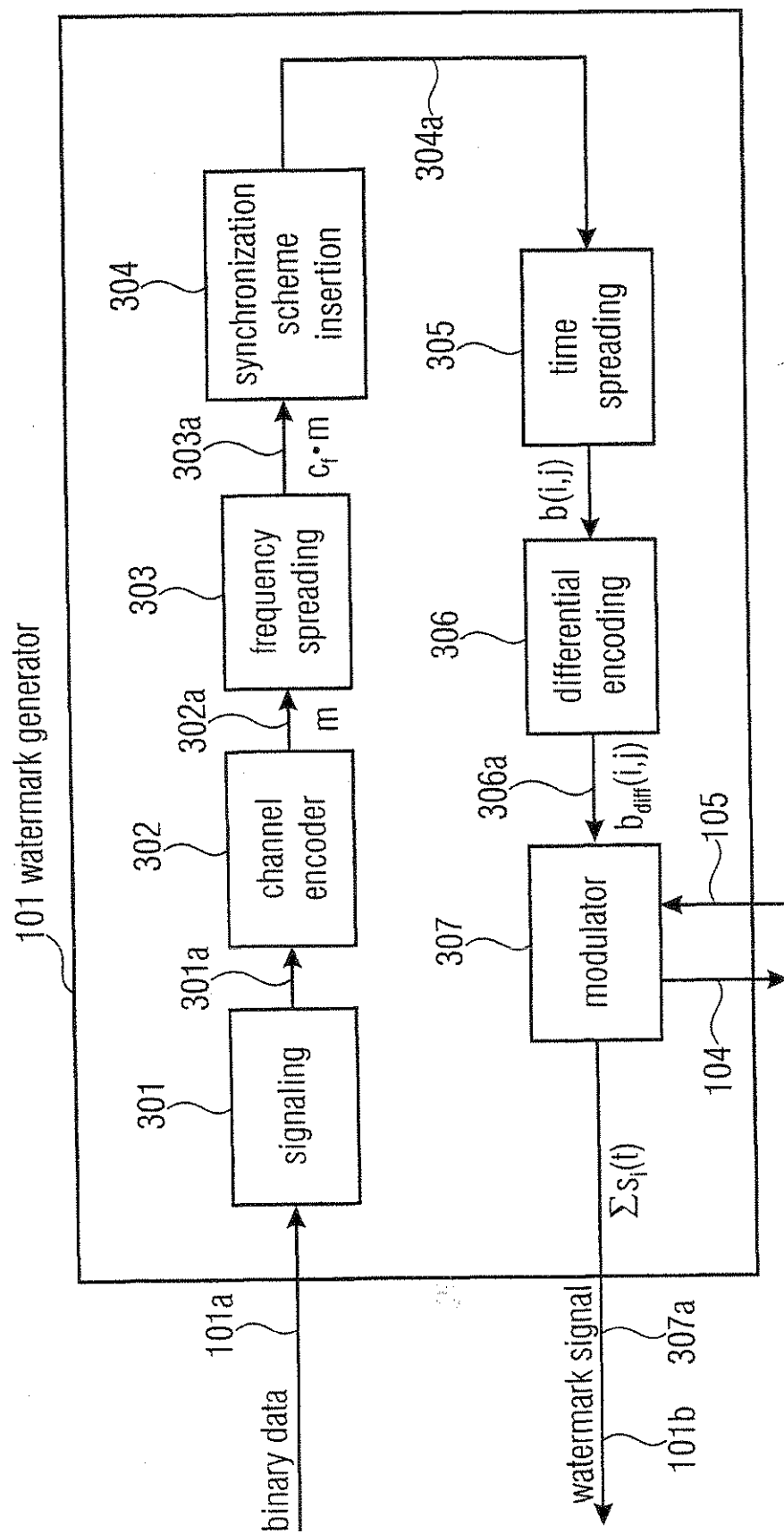


FIGURE 3

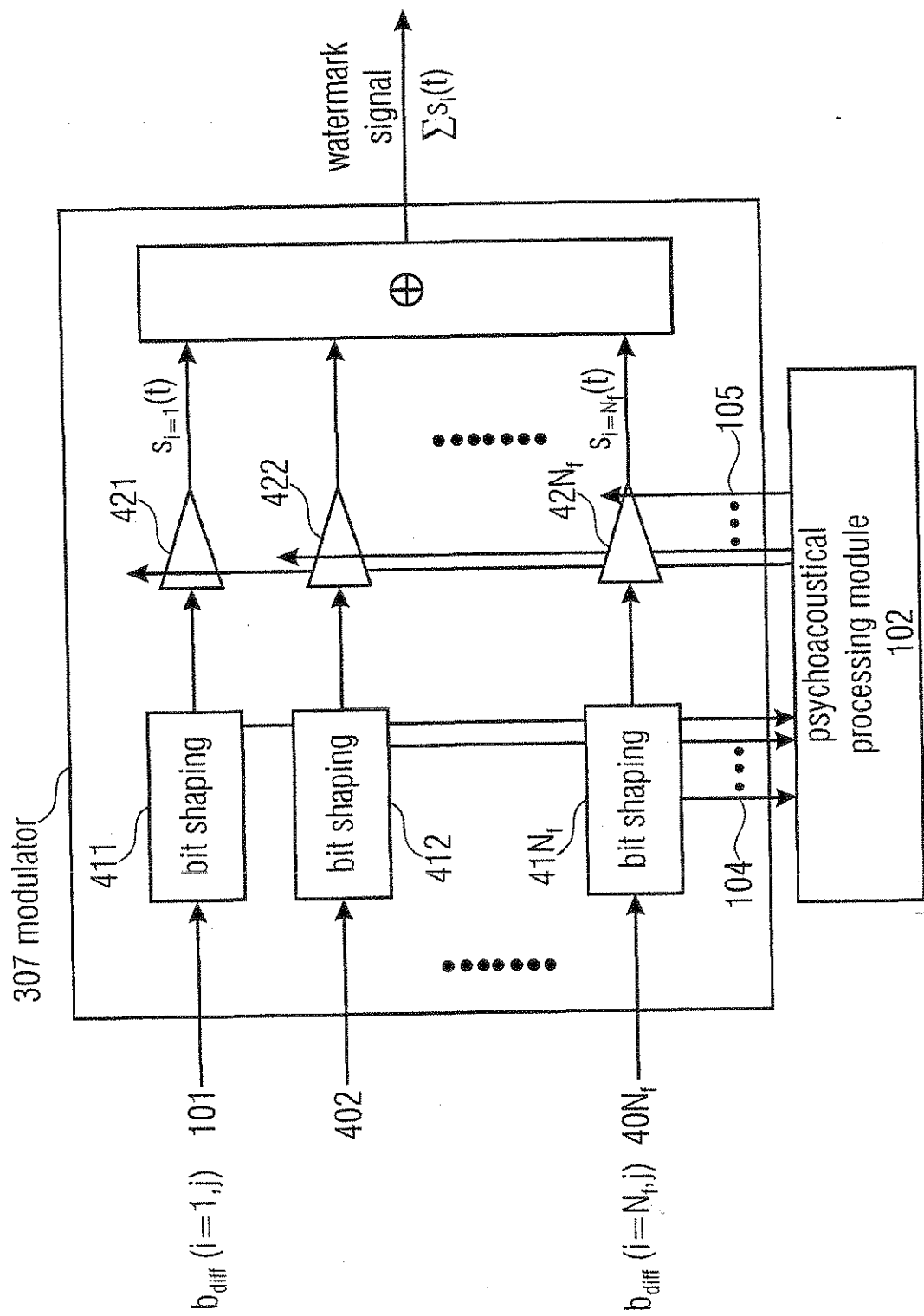


FIGURE 4

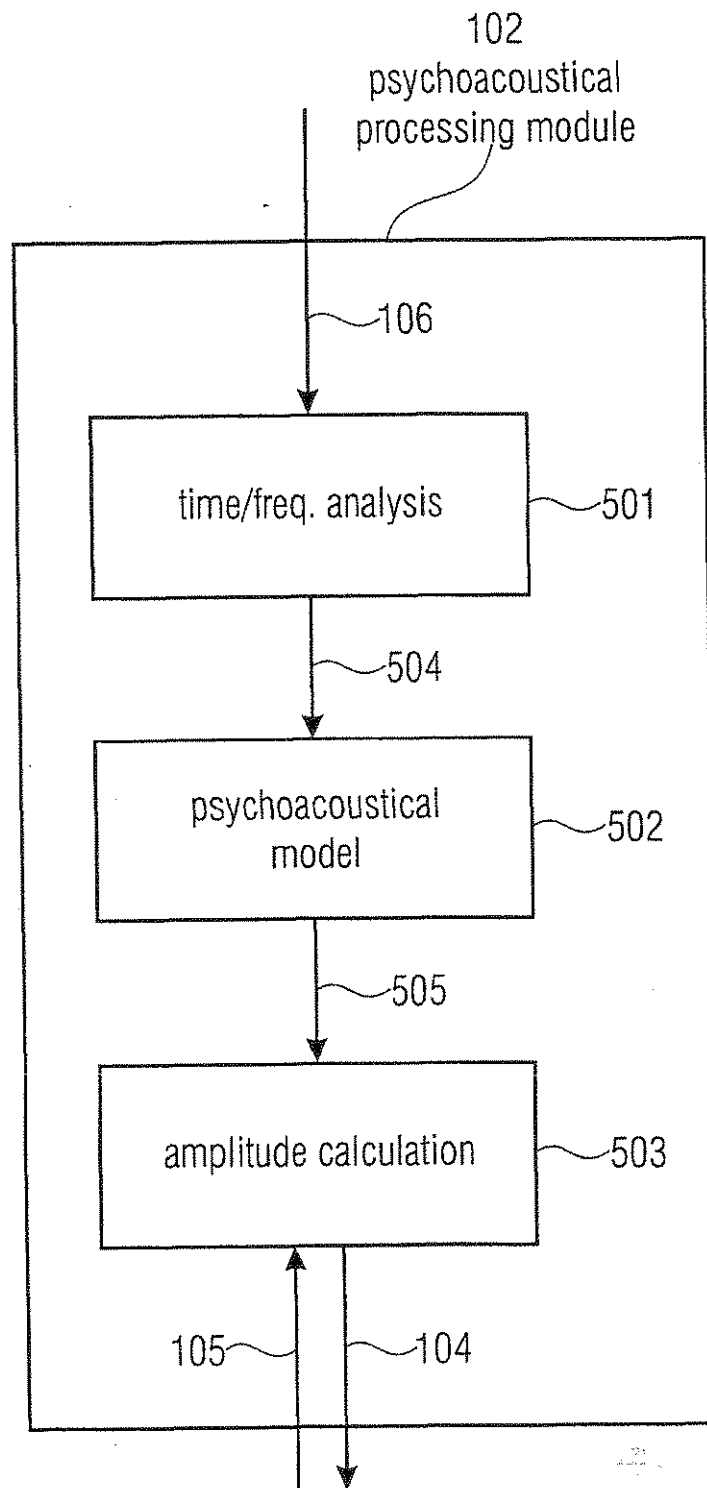


FIGURE 5

6/39

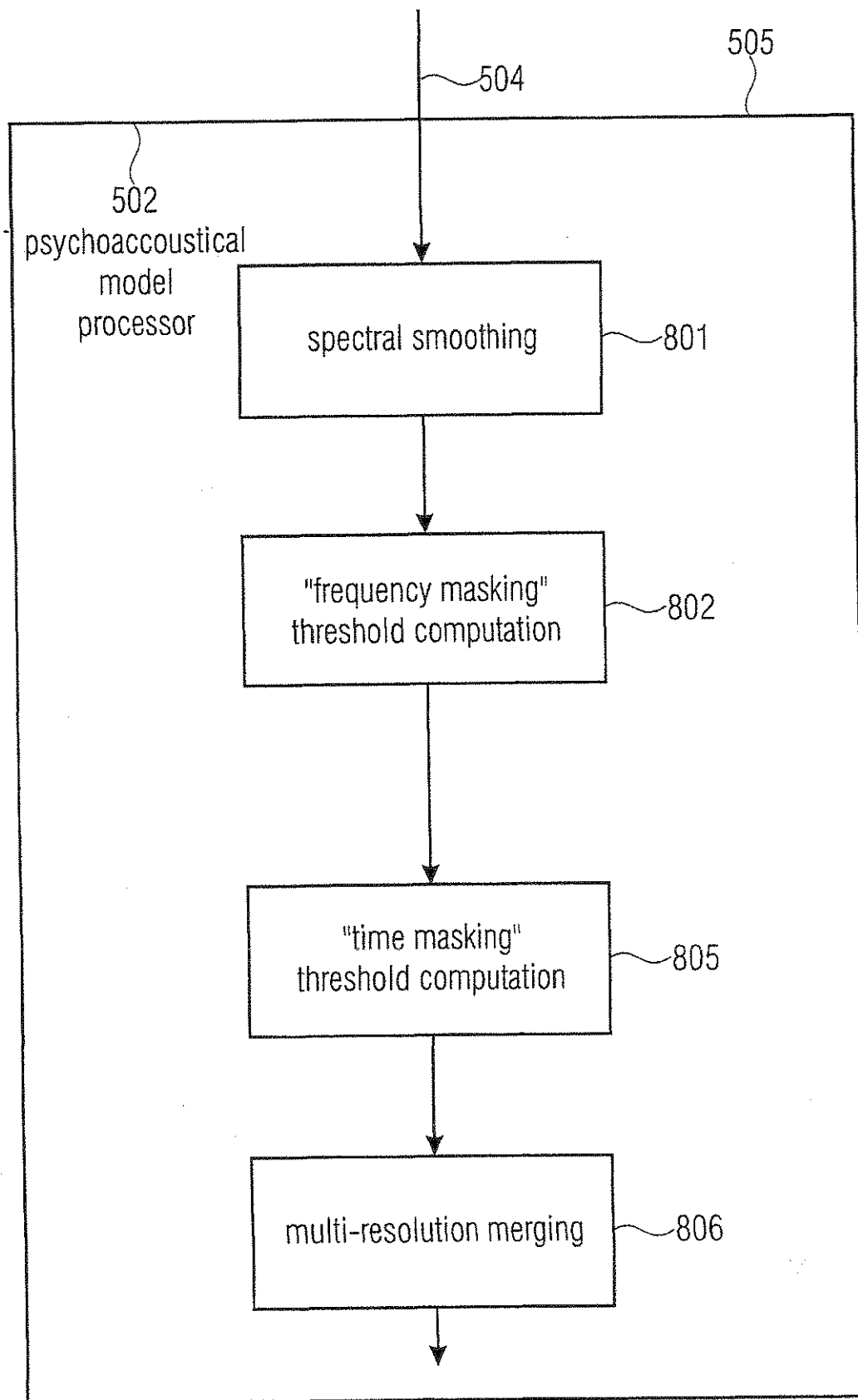


FIGURE 6

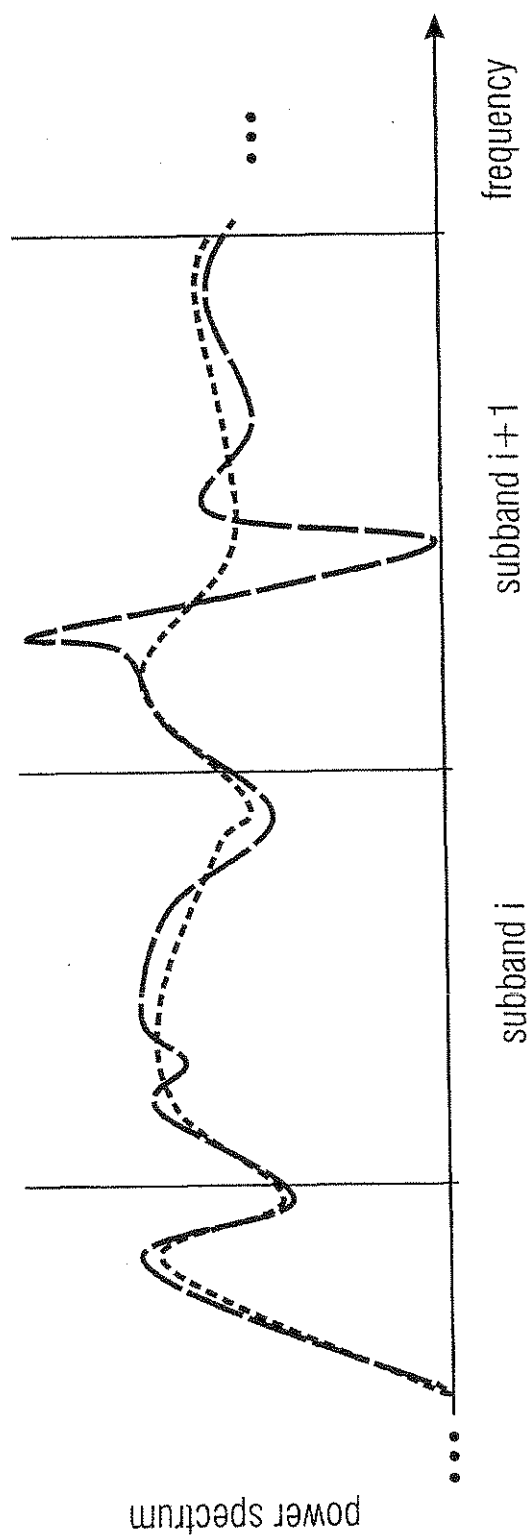


FIGURE 7

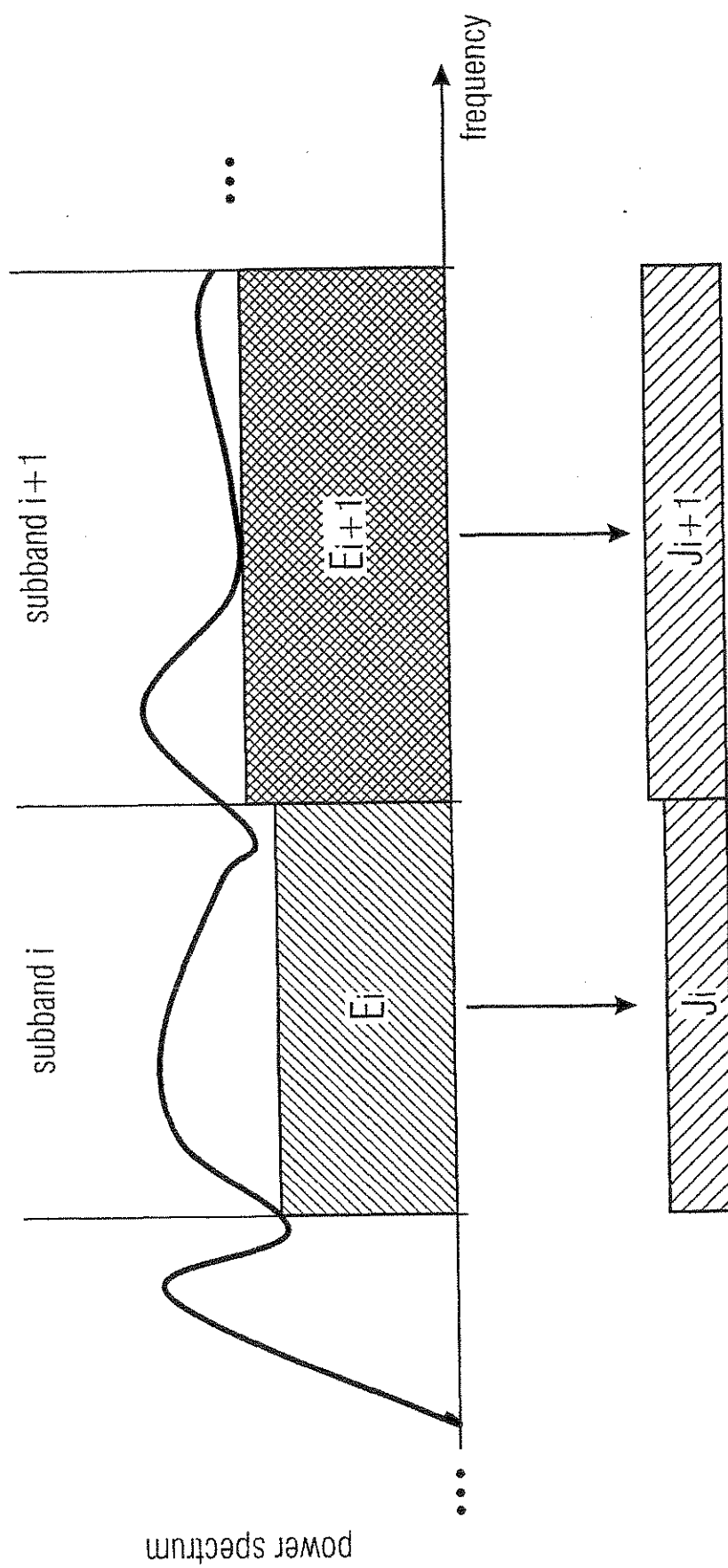


FIGURE 8

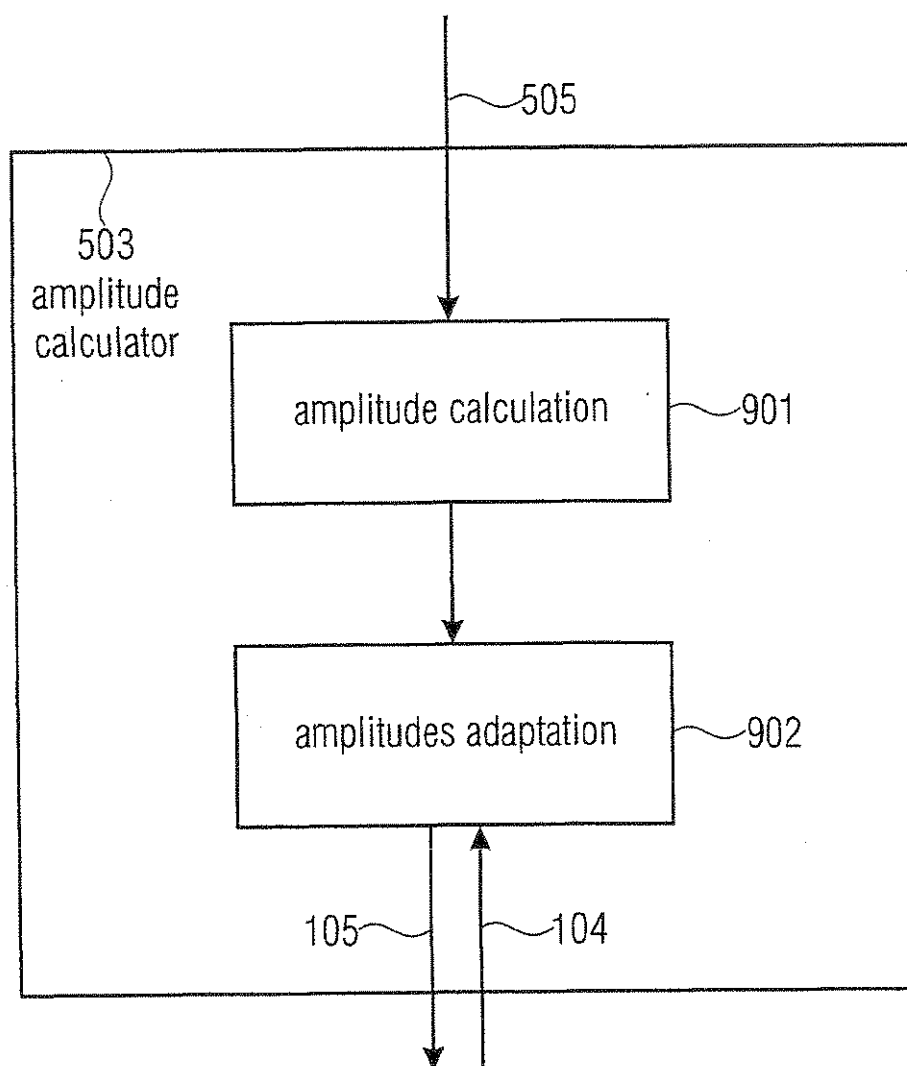


FIGURE 9

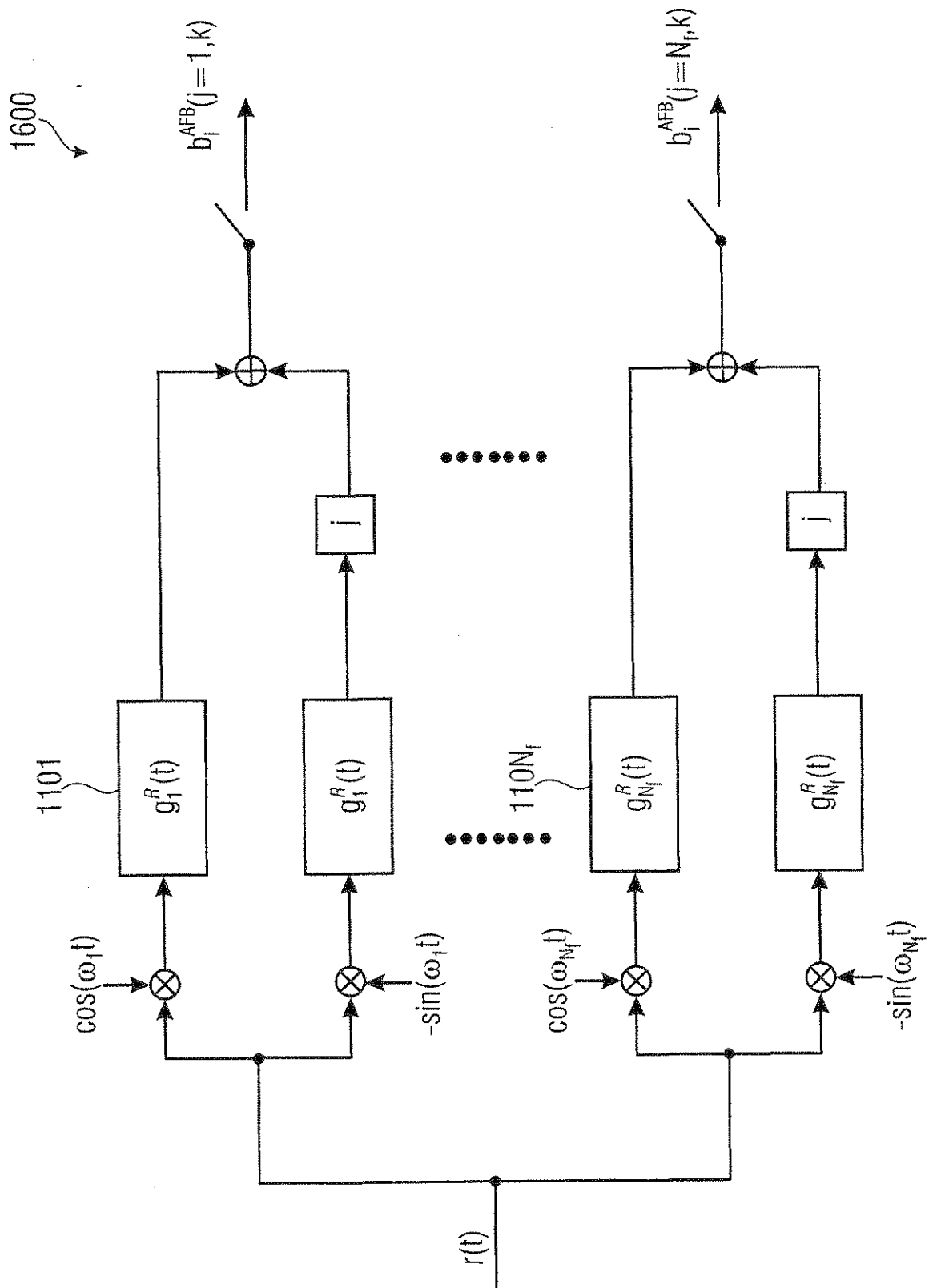


FIGURE 10A

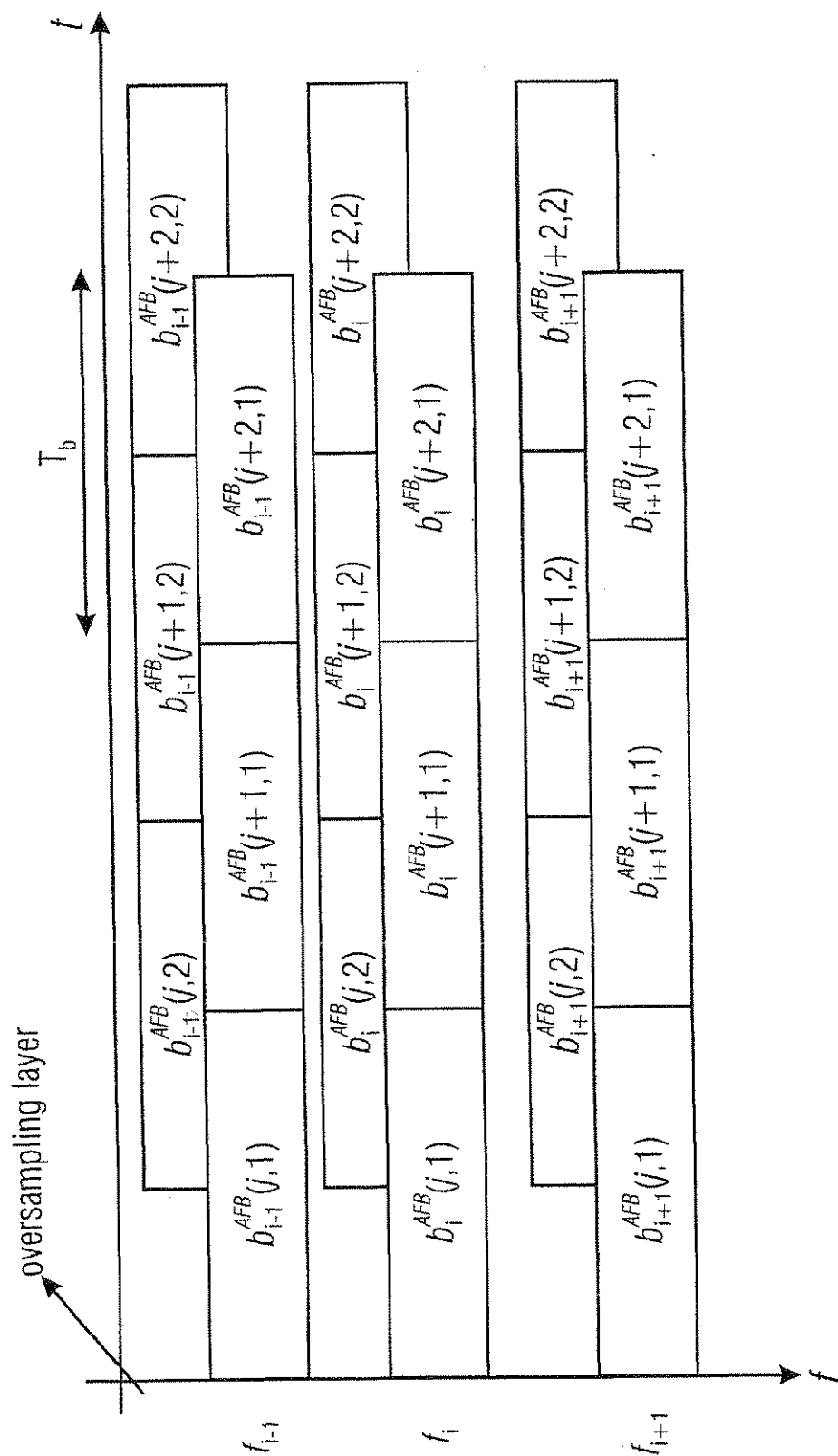


FIGURE 10B

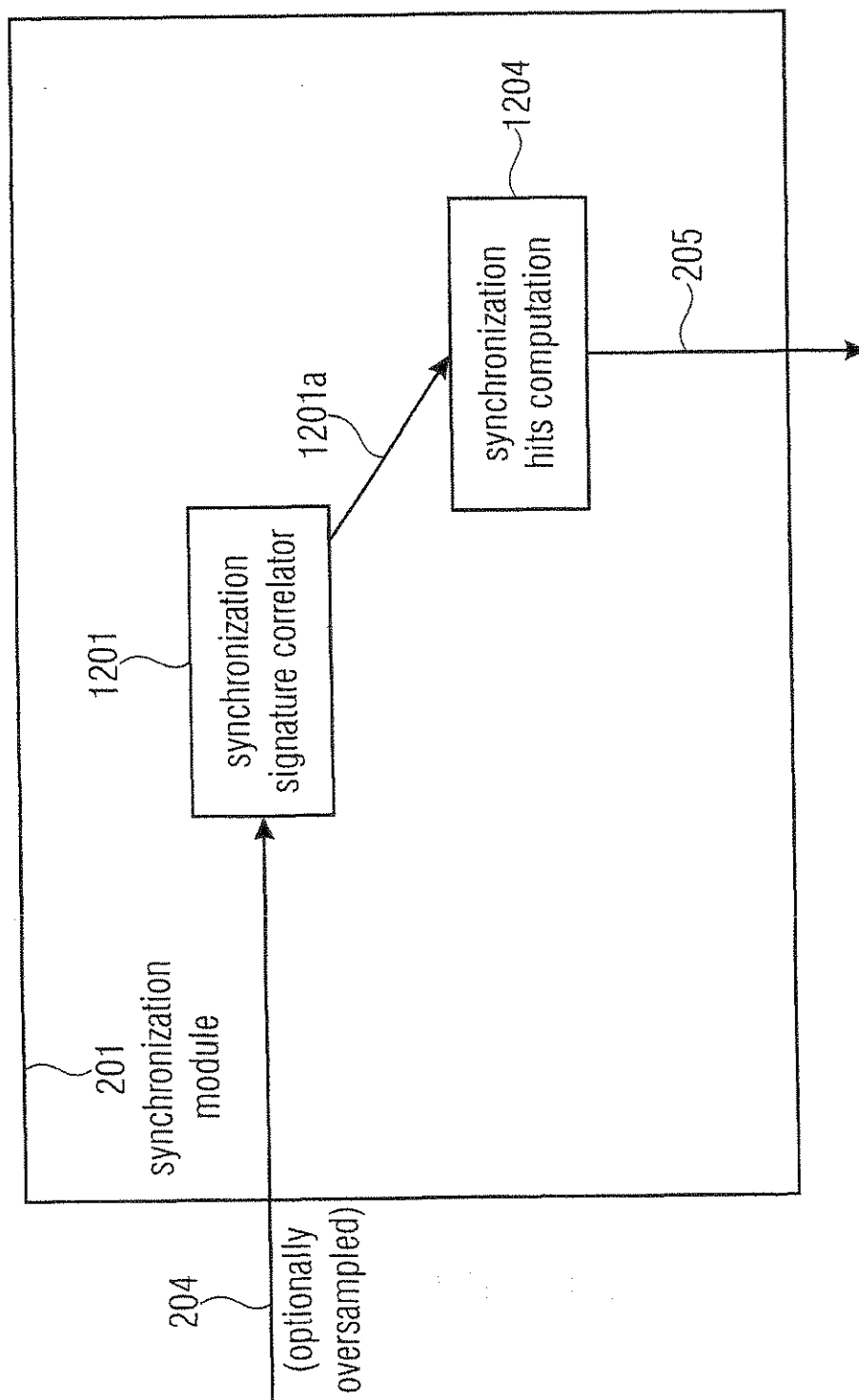


FIGURE 11A

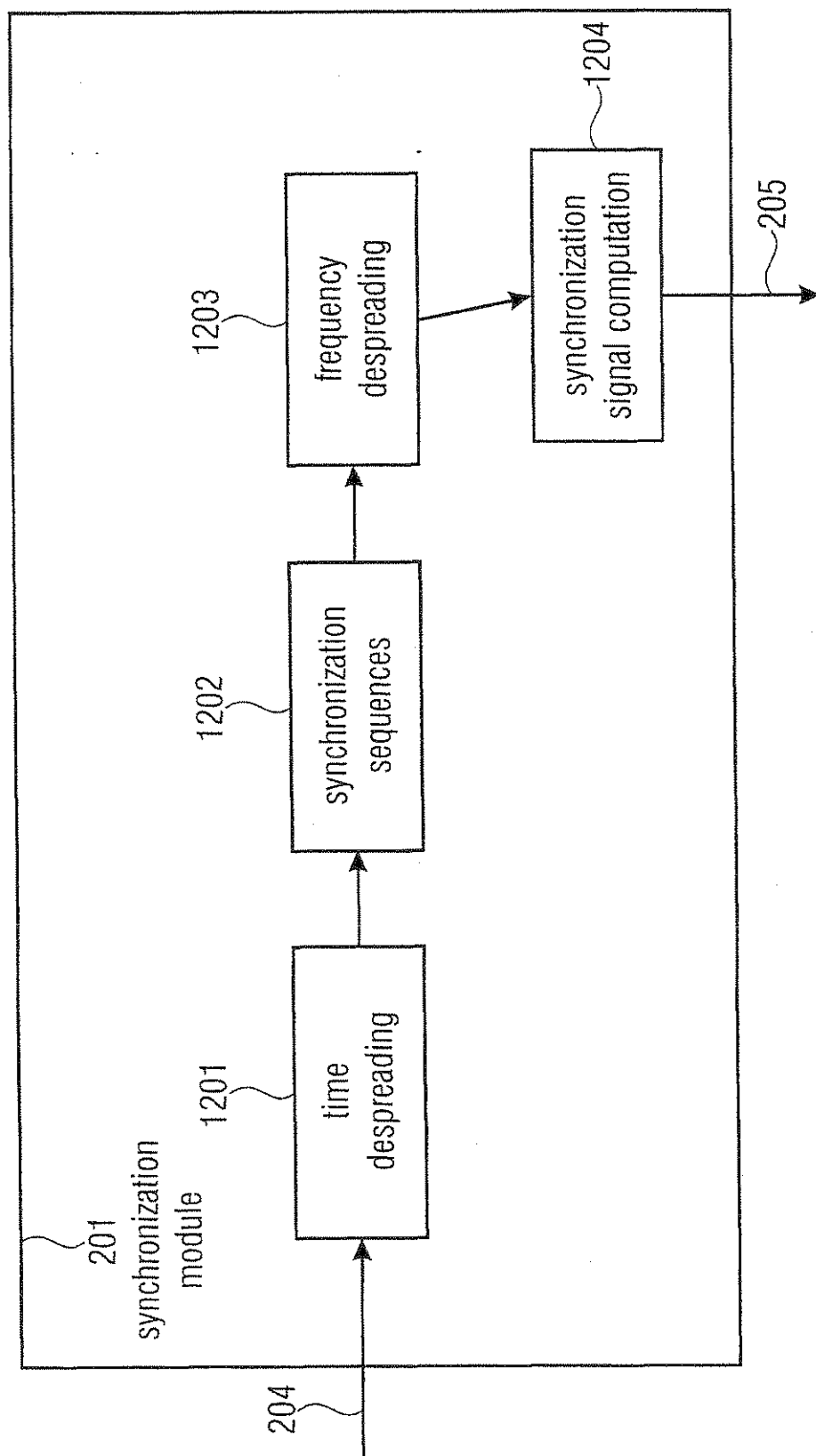


FIGURE 11B

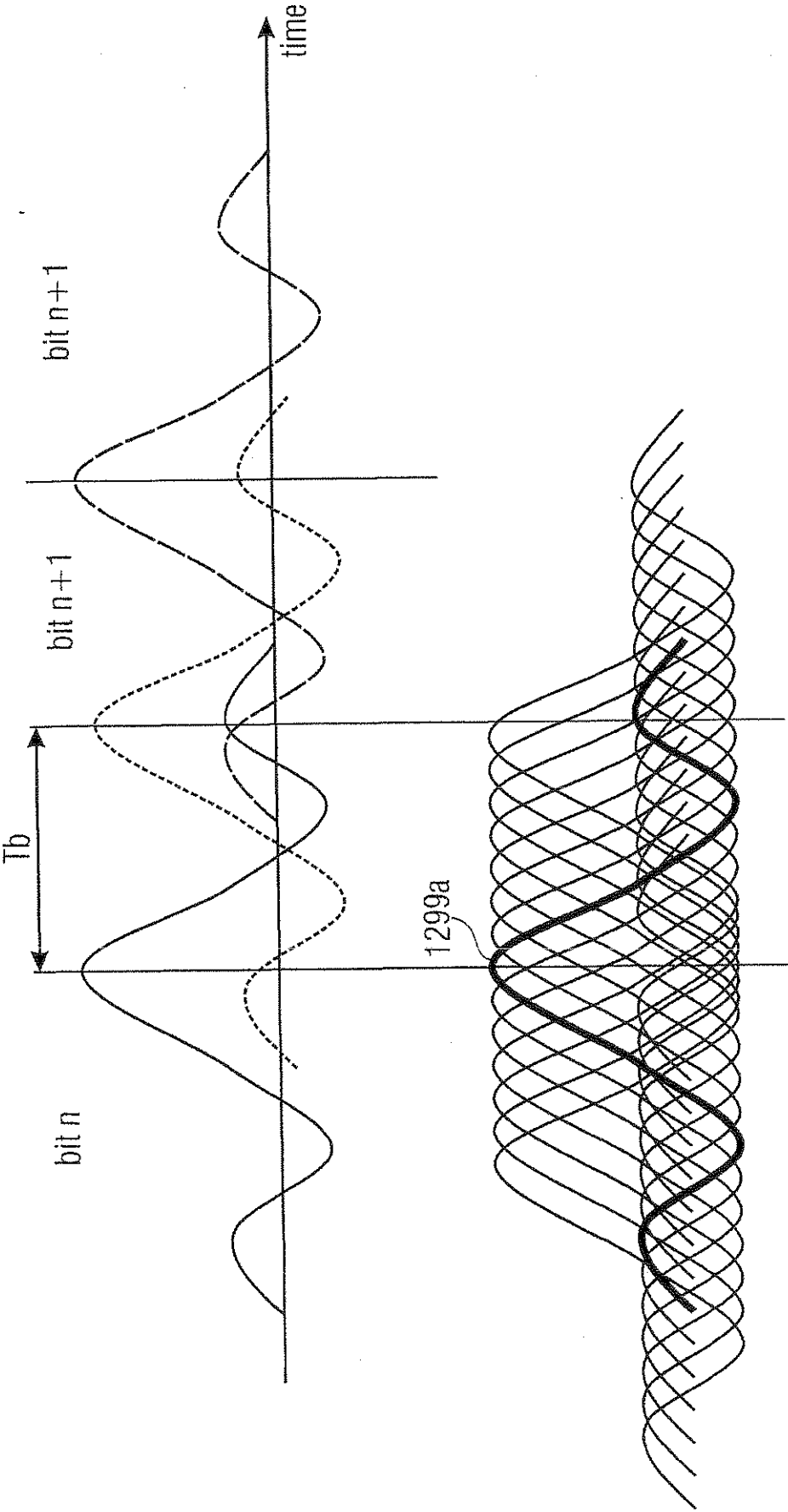


FIGURE 12A

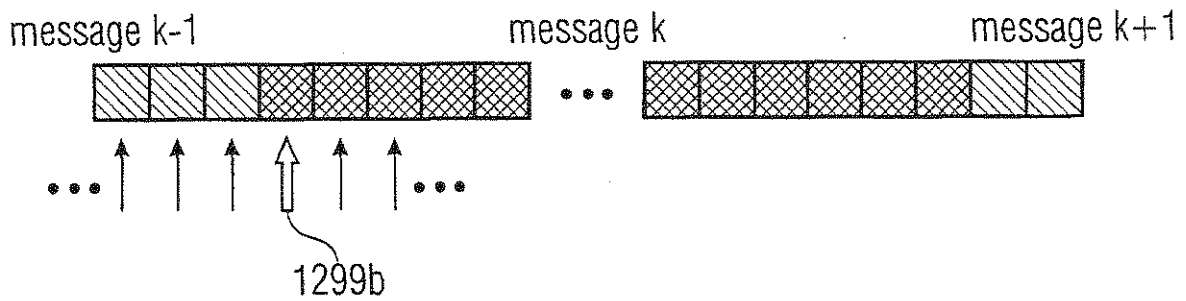


FIGURE 12B

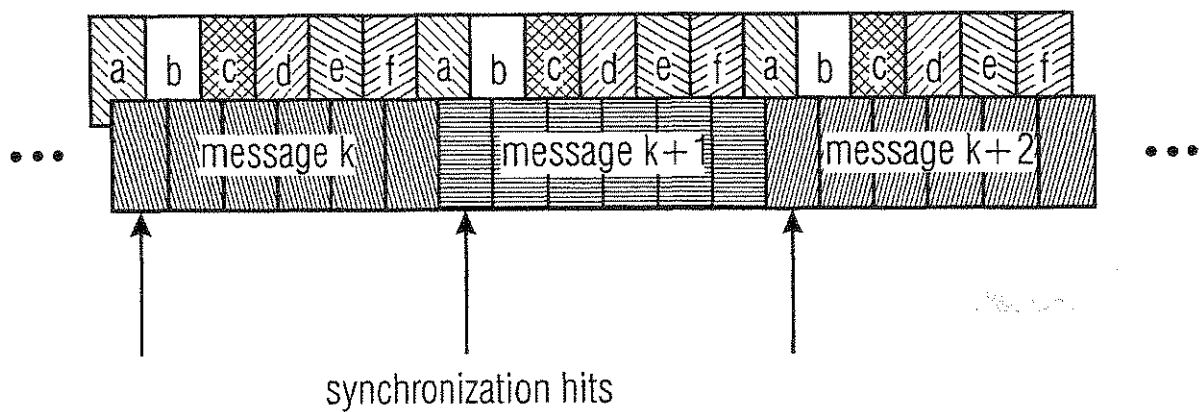
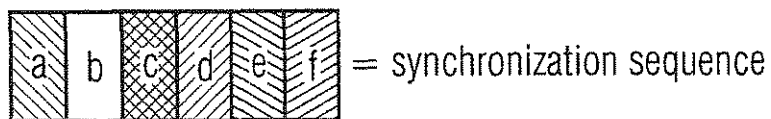


FIGURE 12C

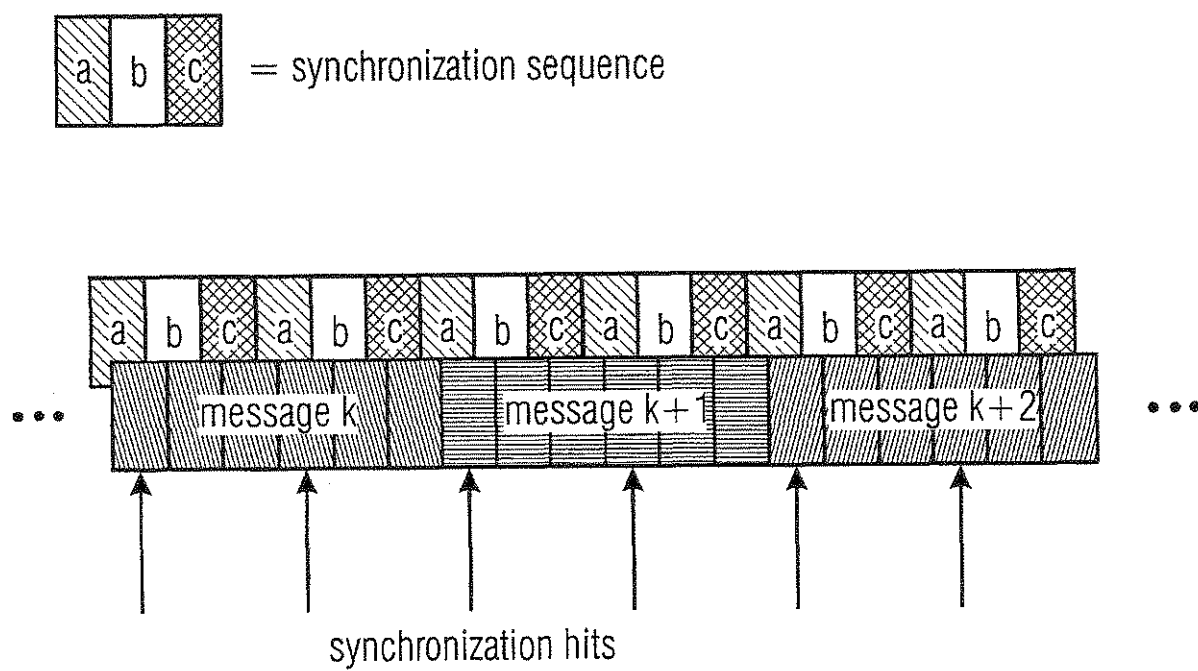


FIGURE 12D

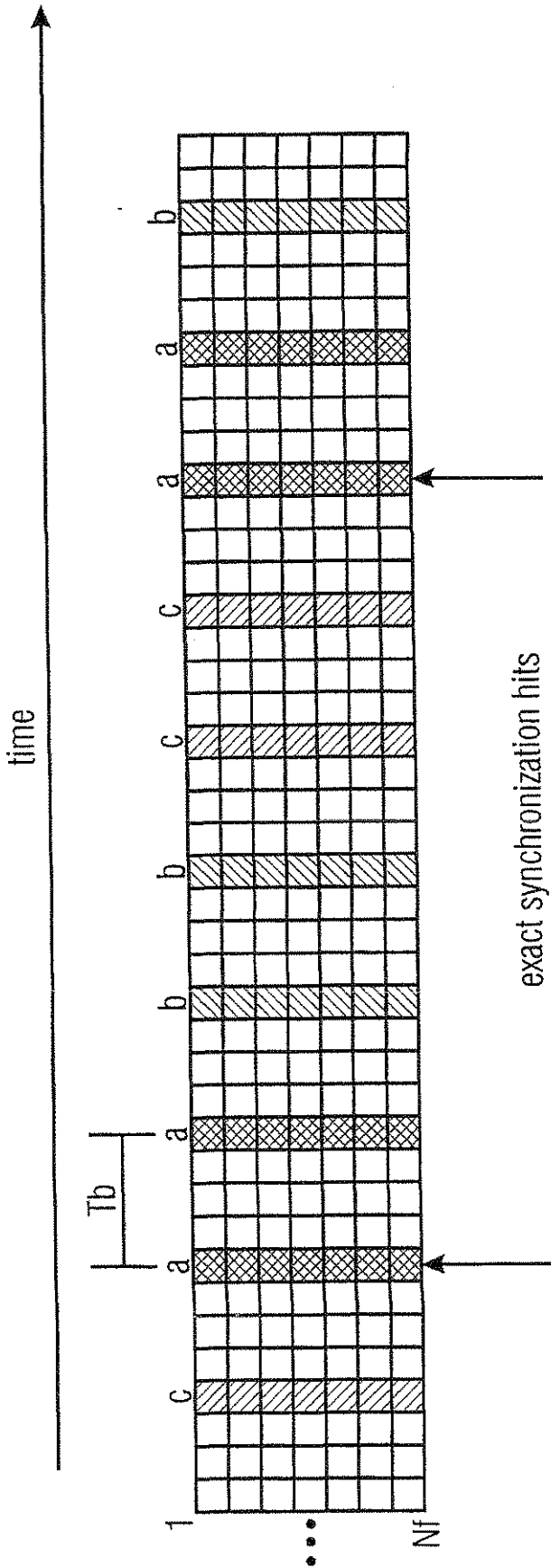


FIGURE 12E

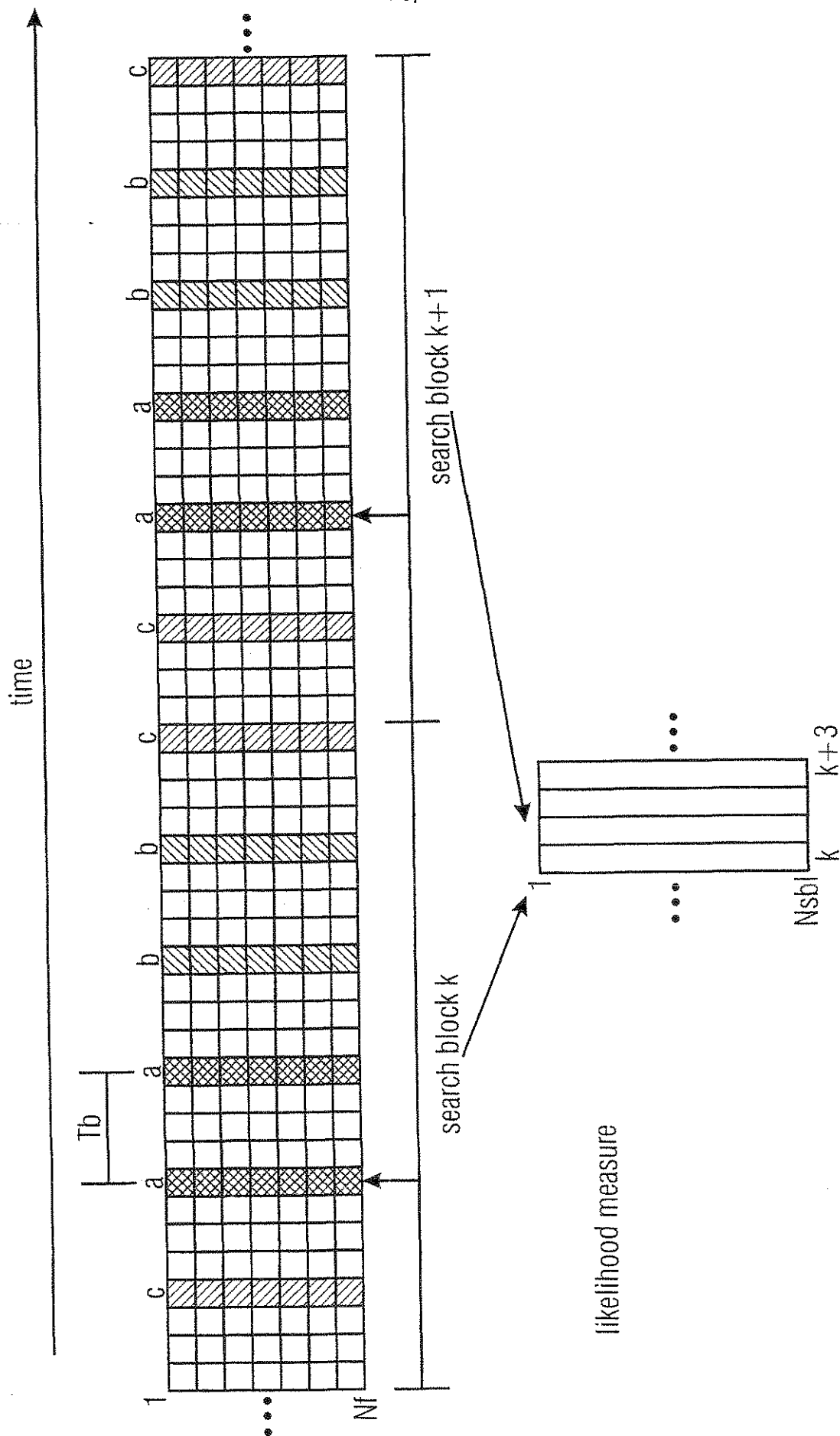


FIGURE 12F

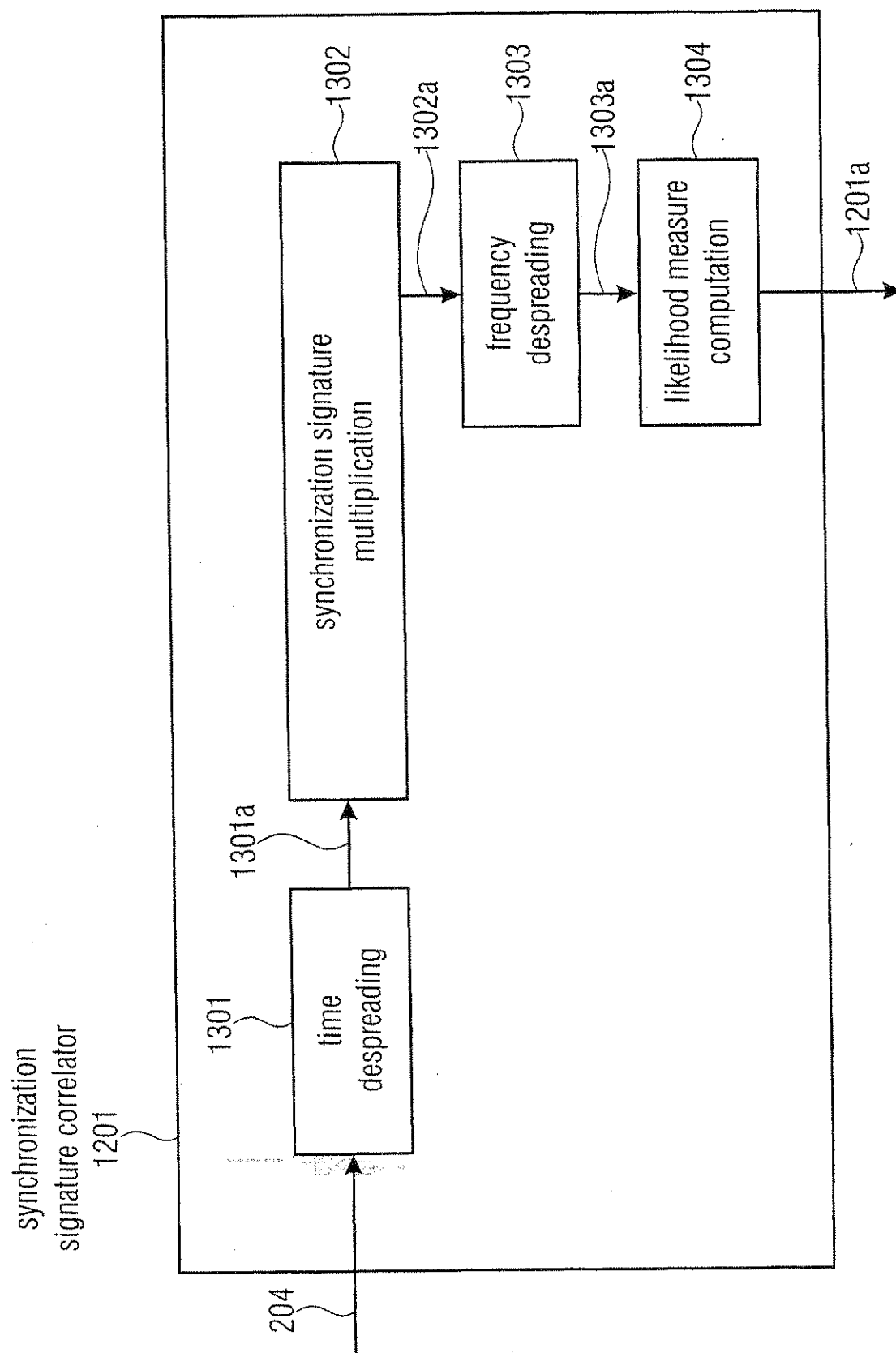


FIGURE 12G

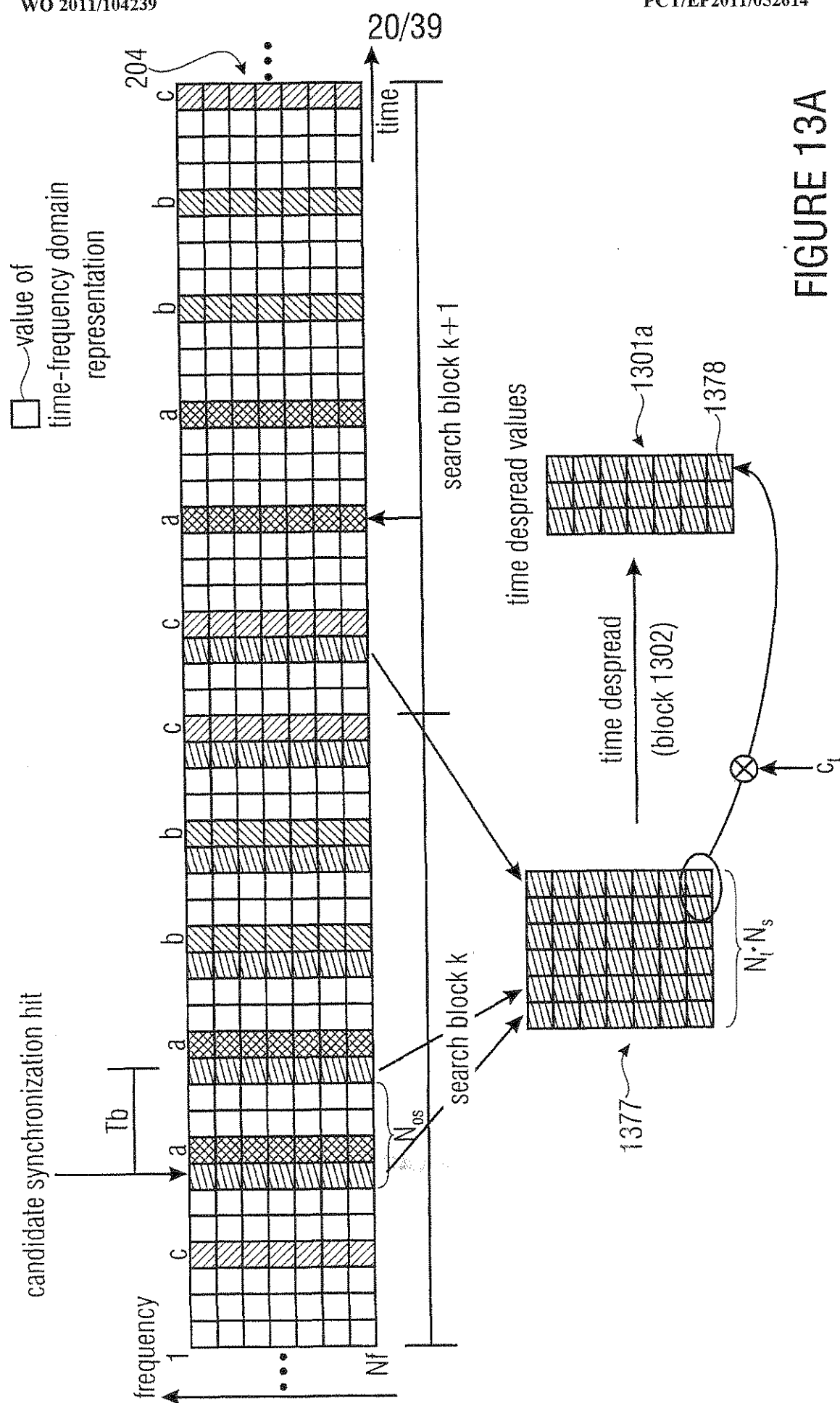


FIGURE 13A

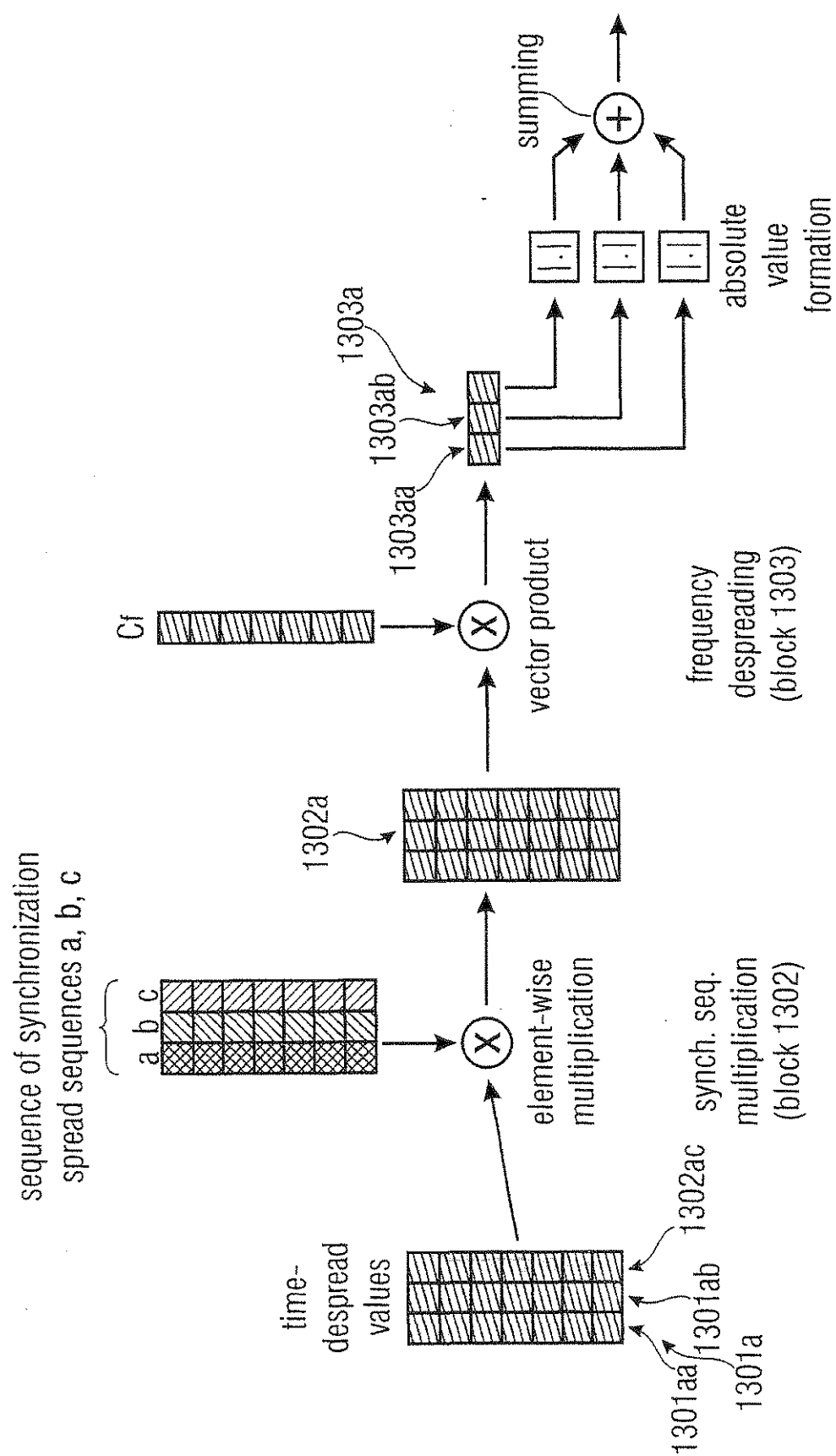


FIGURE 13B

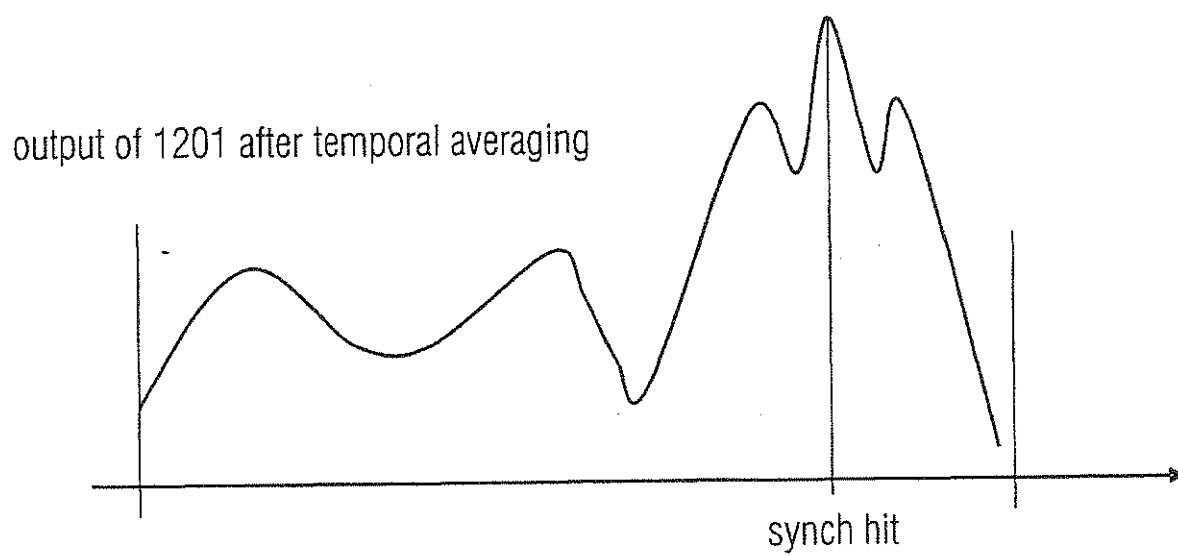


FIGURE 13C

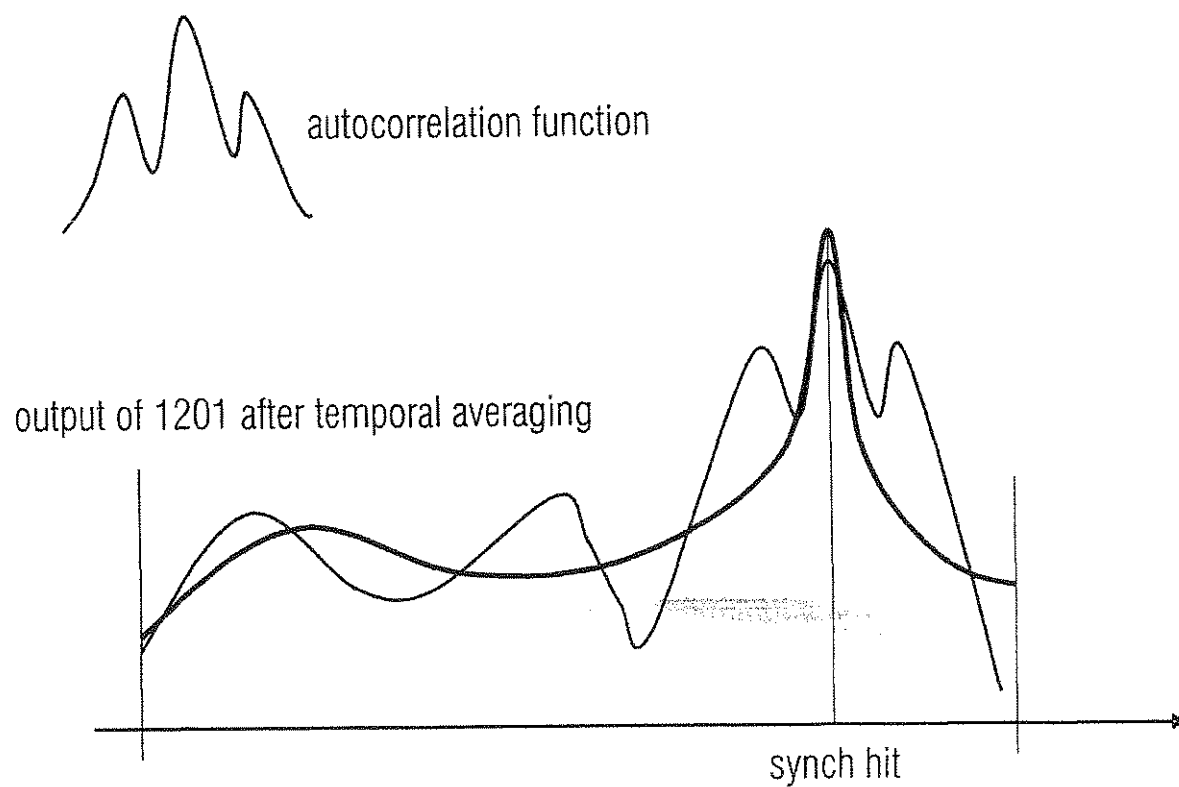


FIGURE 13D

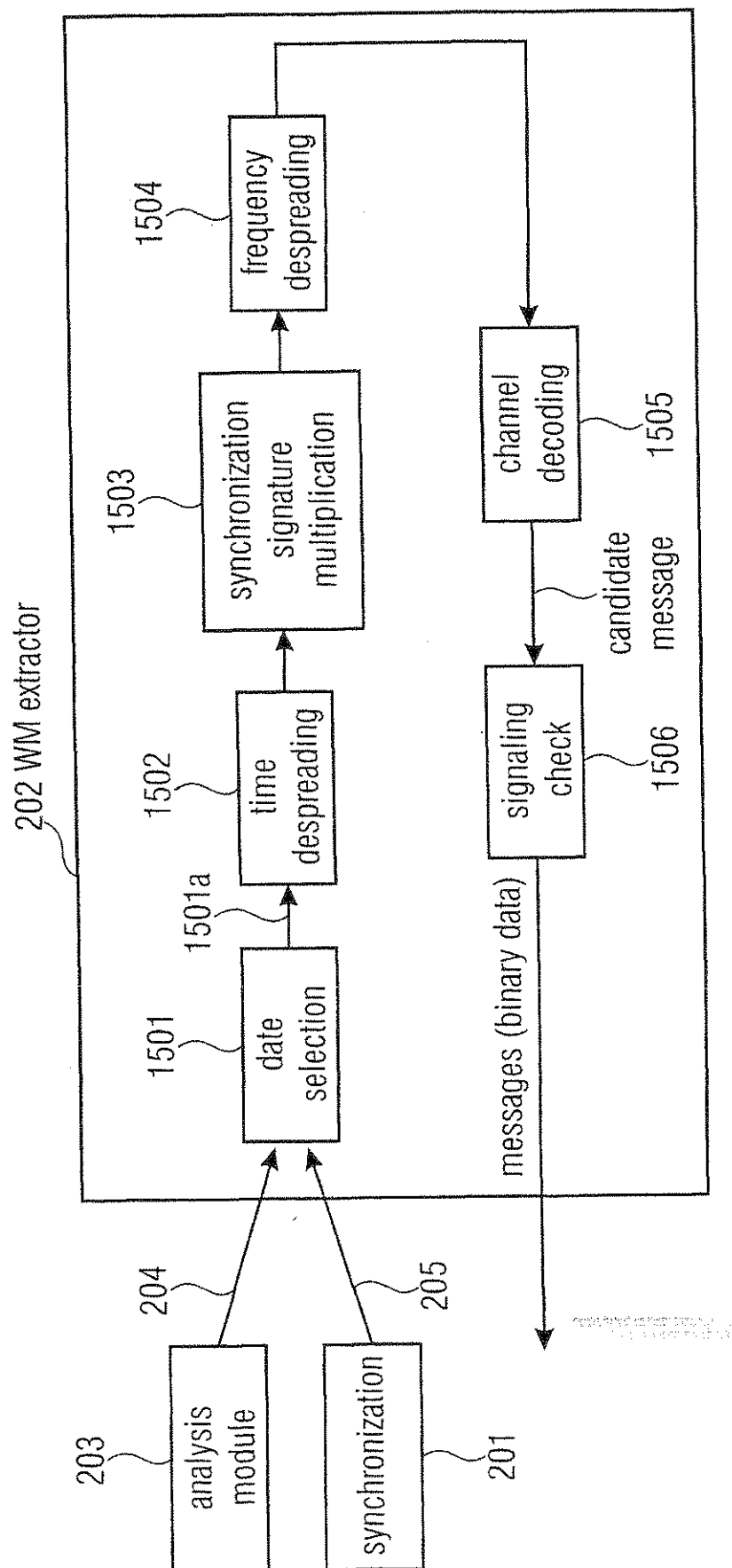


FIGURE 14

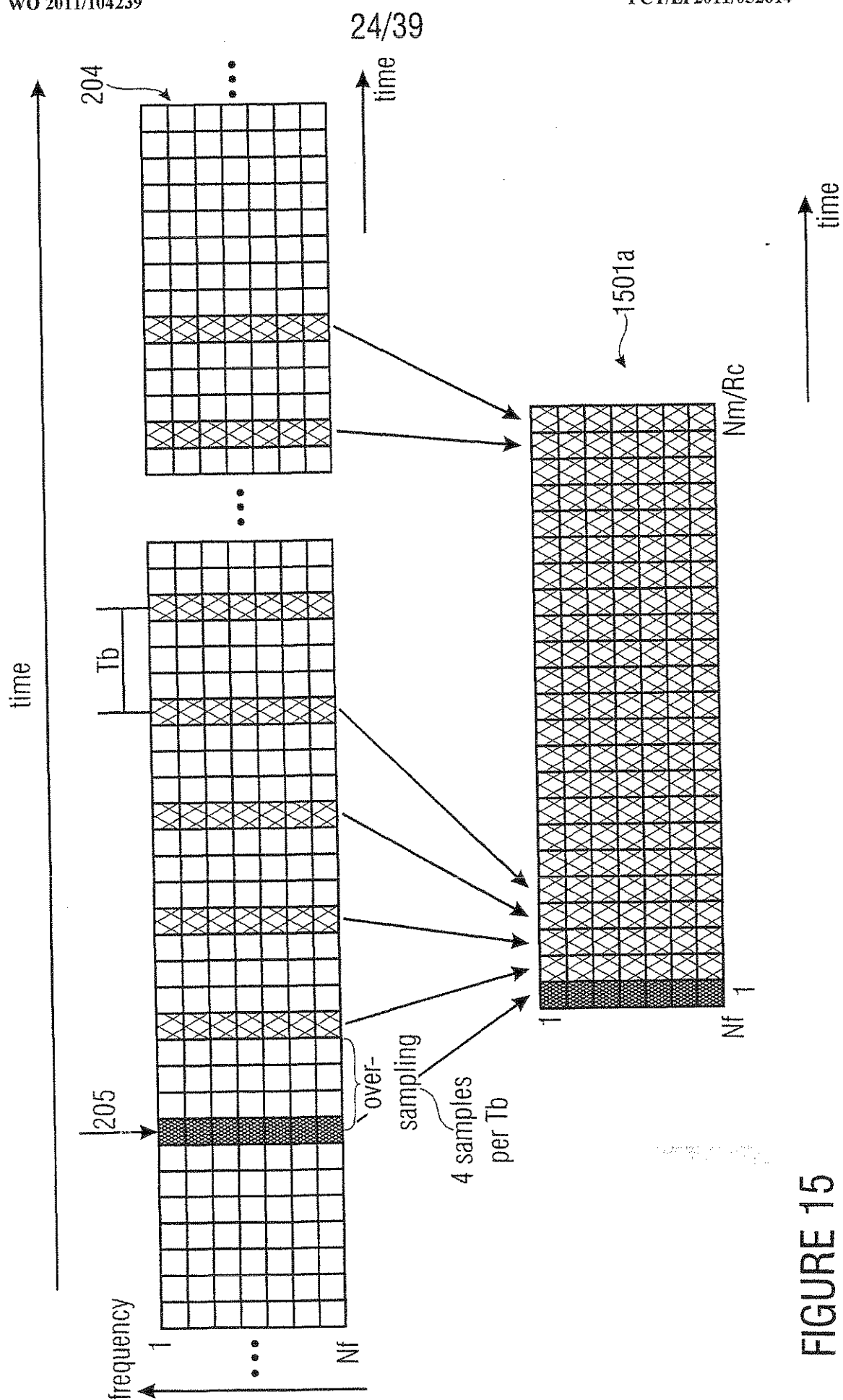


FIGURE 15

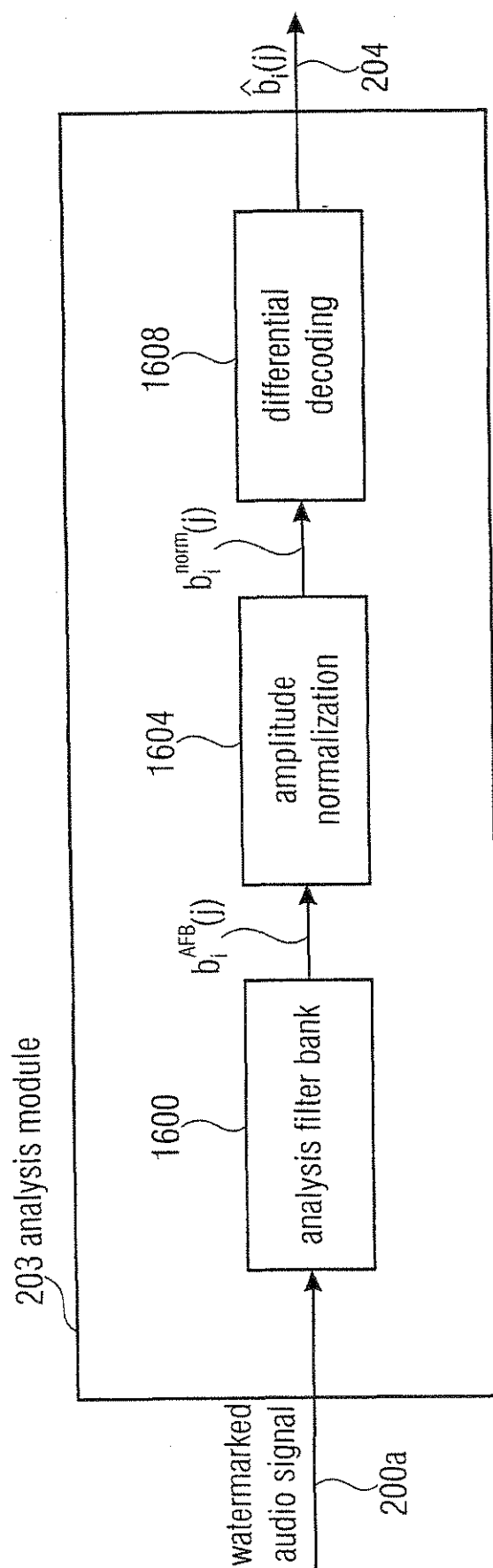


FIGURE 16

synchronization correlator

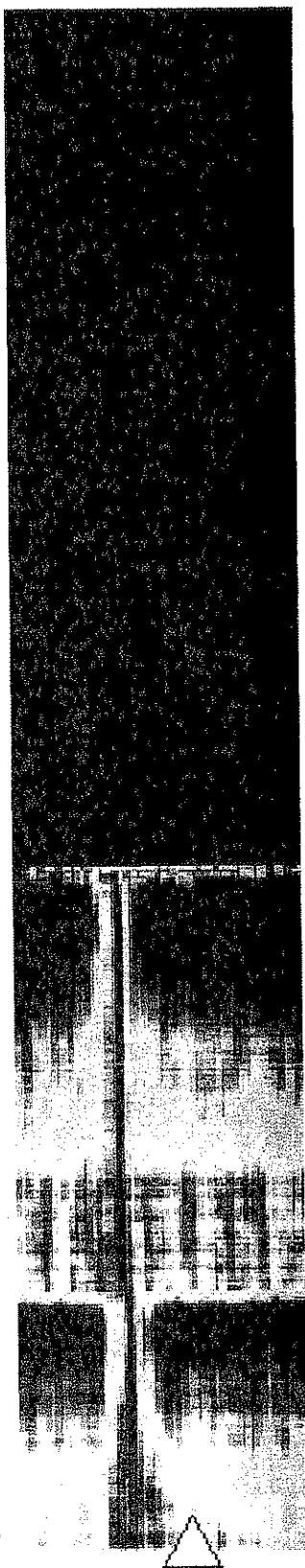


FIGURE 17A

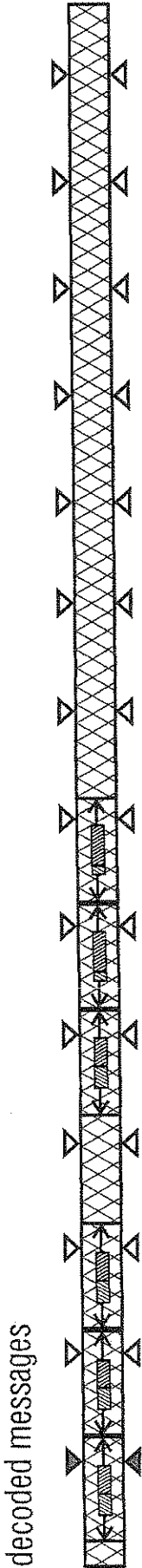


FIGURE 17B

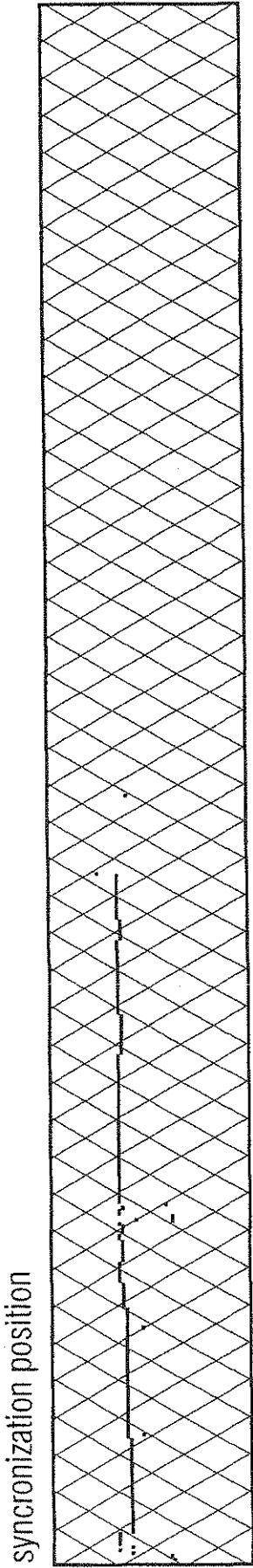


FIGURE 17C

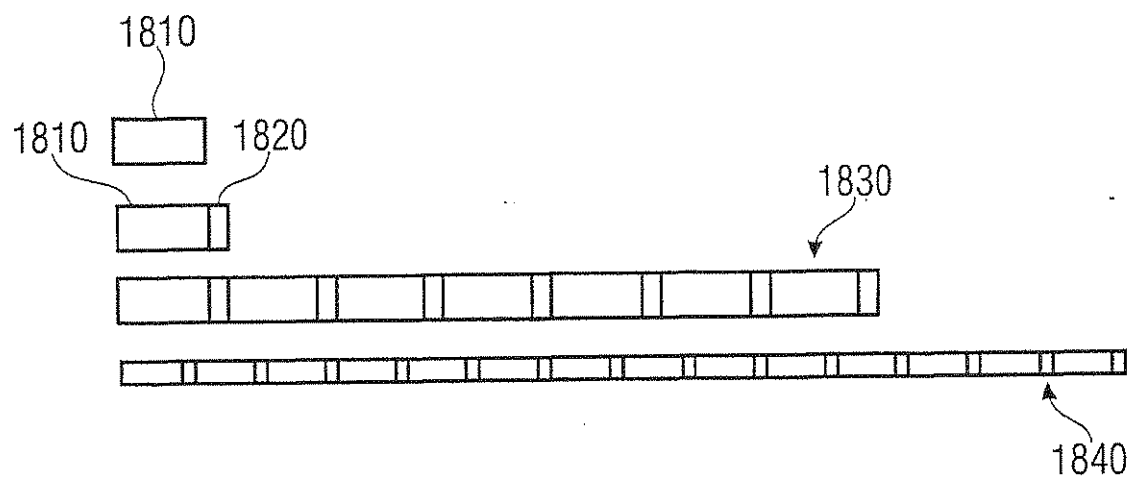


FIGURE 18A

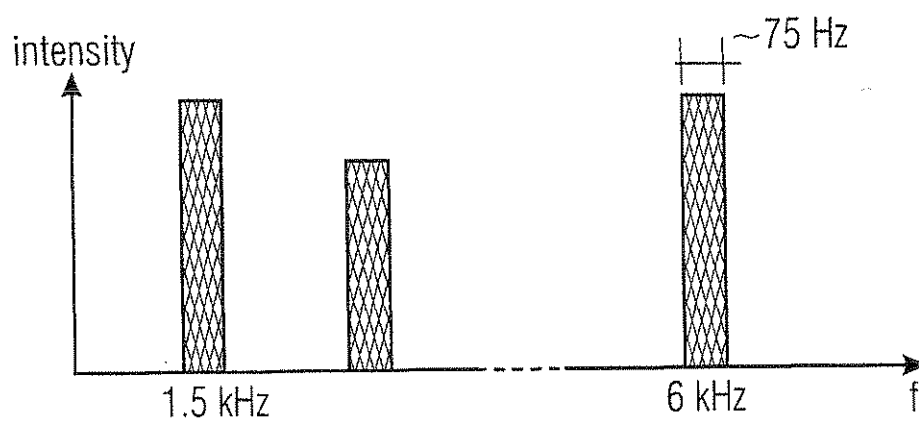
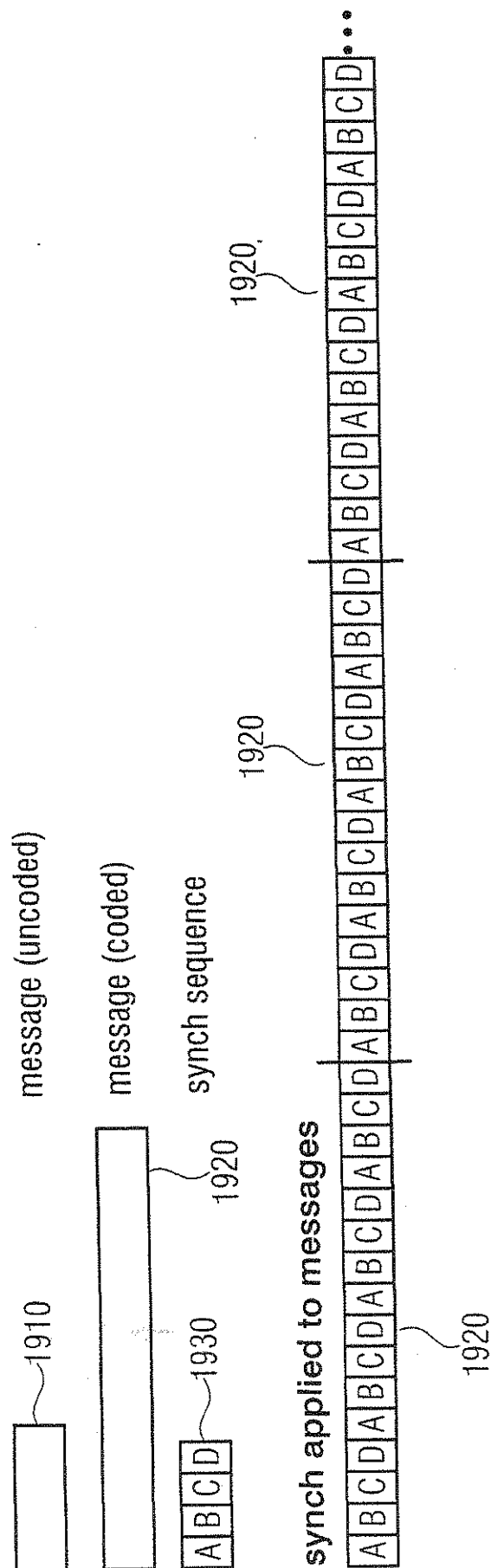


FIGURE 18B

1900

ABC synch - the basic concept



message (uncoded)

message (coded)

synch sequence

synch applied to messages

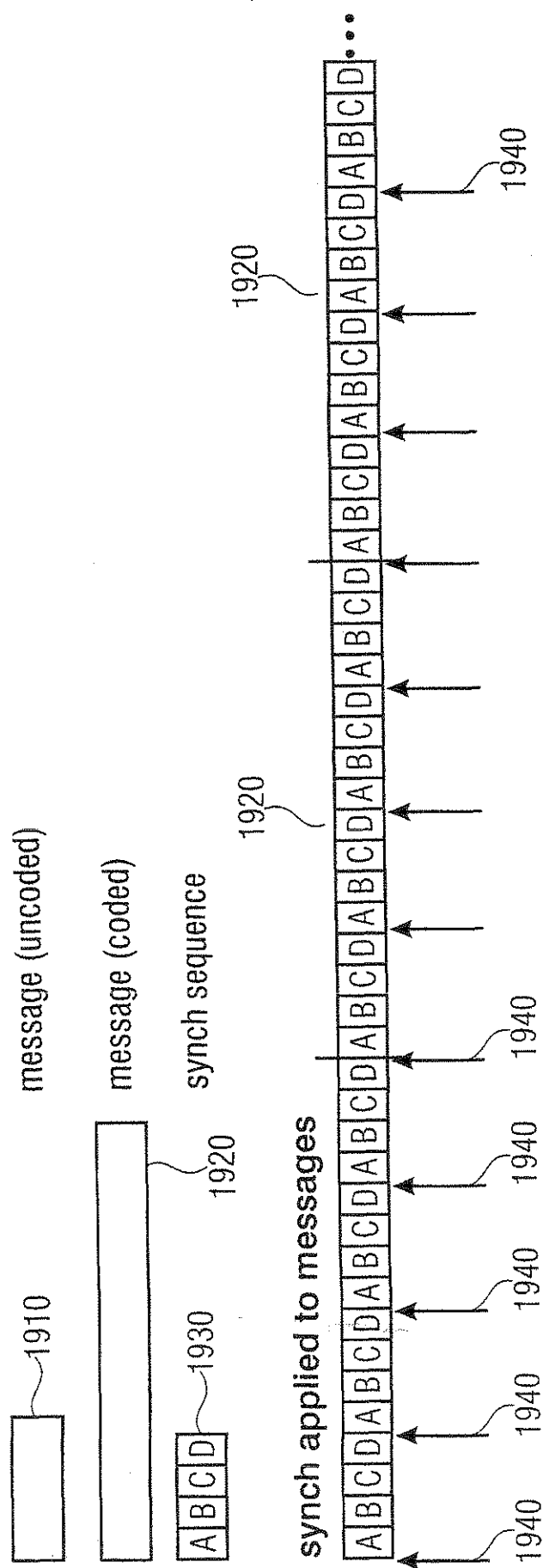
1920

1920.

1920

FIGURE 19

ABC synch - the basic concept



1. synchronization is found by correlating with the synch sequence

FIGURE 20

ABC synch - the basic concept

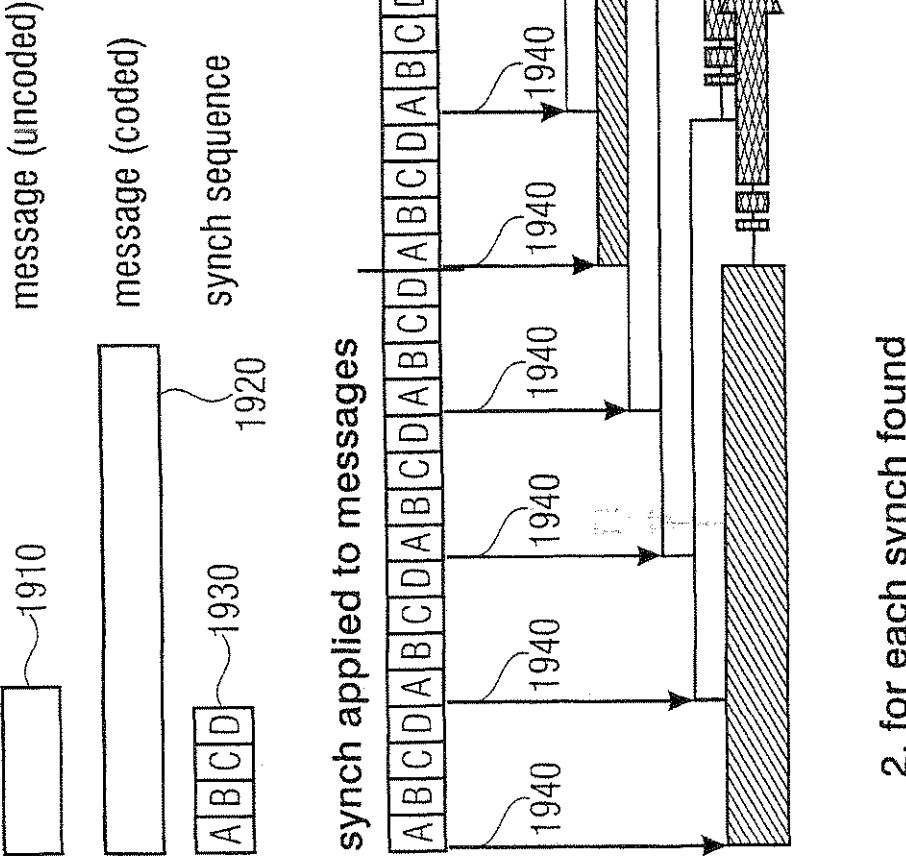
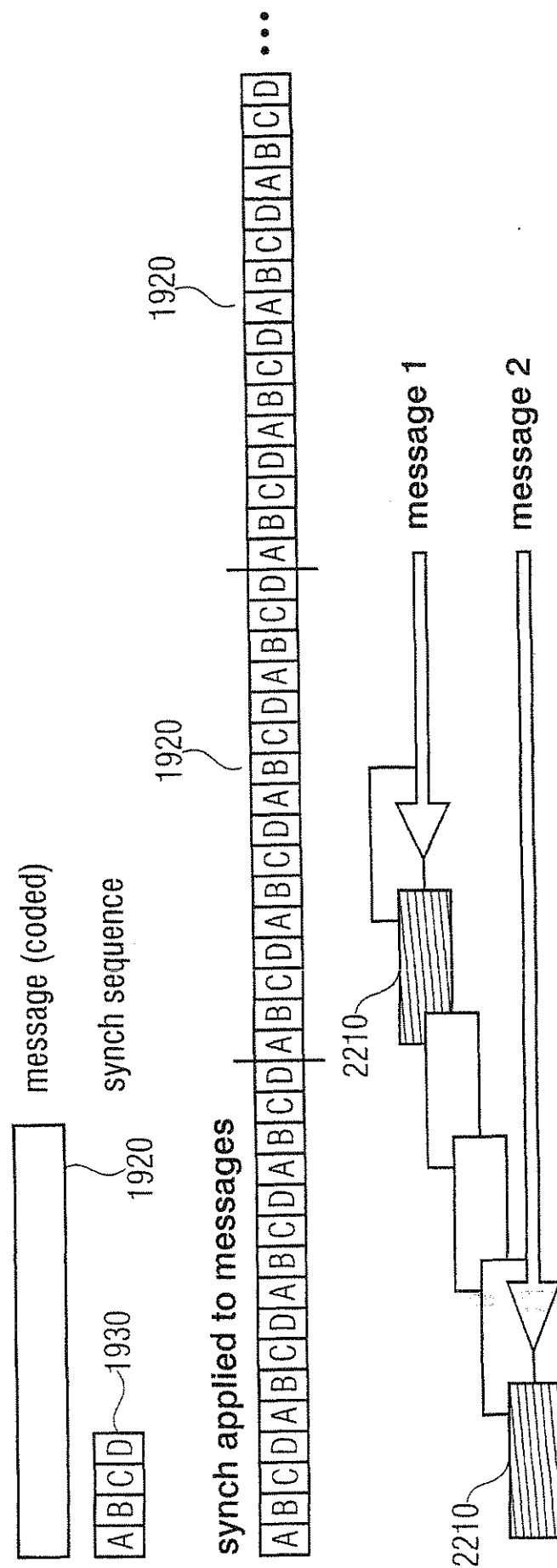


FIGURE 21

ABC synch - the basic concept



3. true messages are identified by means of a CRC sequences and/or a plausibility check

FIGURE 22

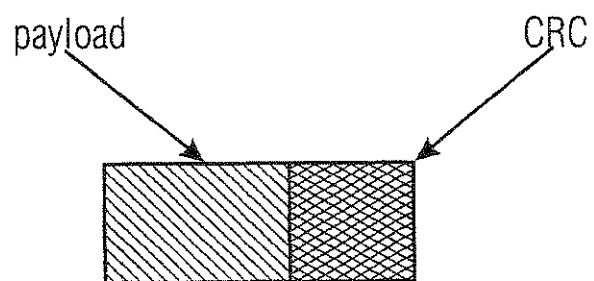


FIGURE 23

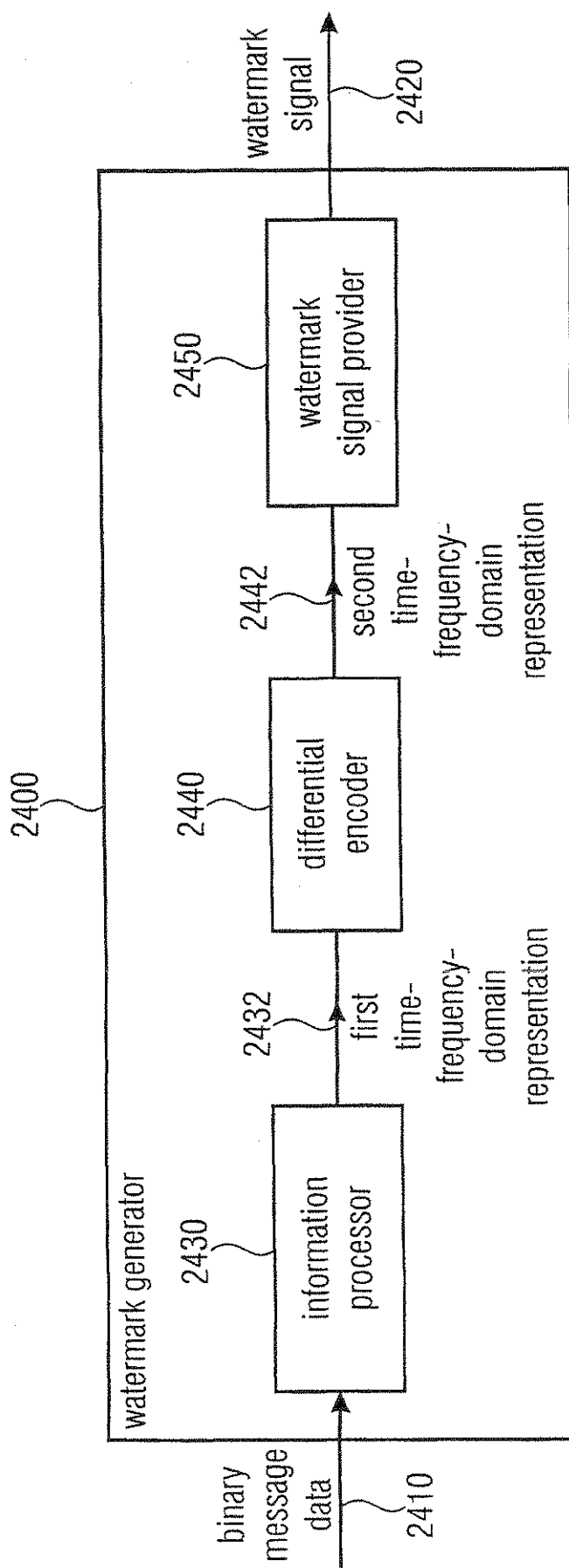


FIGURE 24

35/39

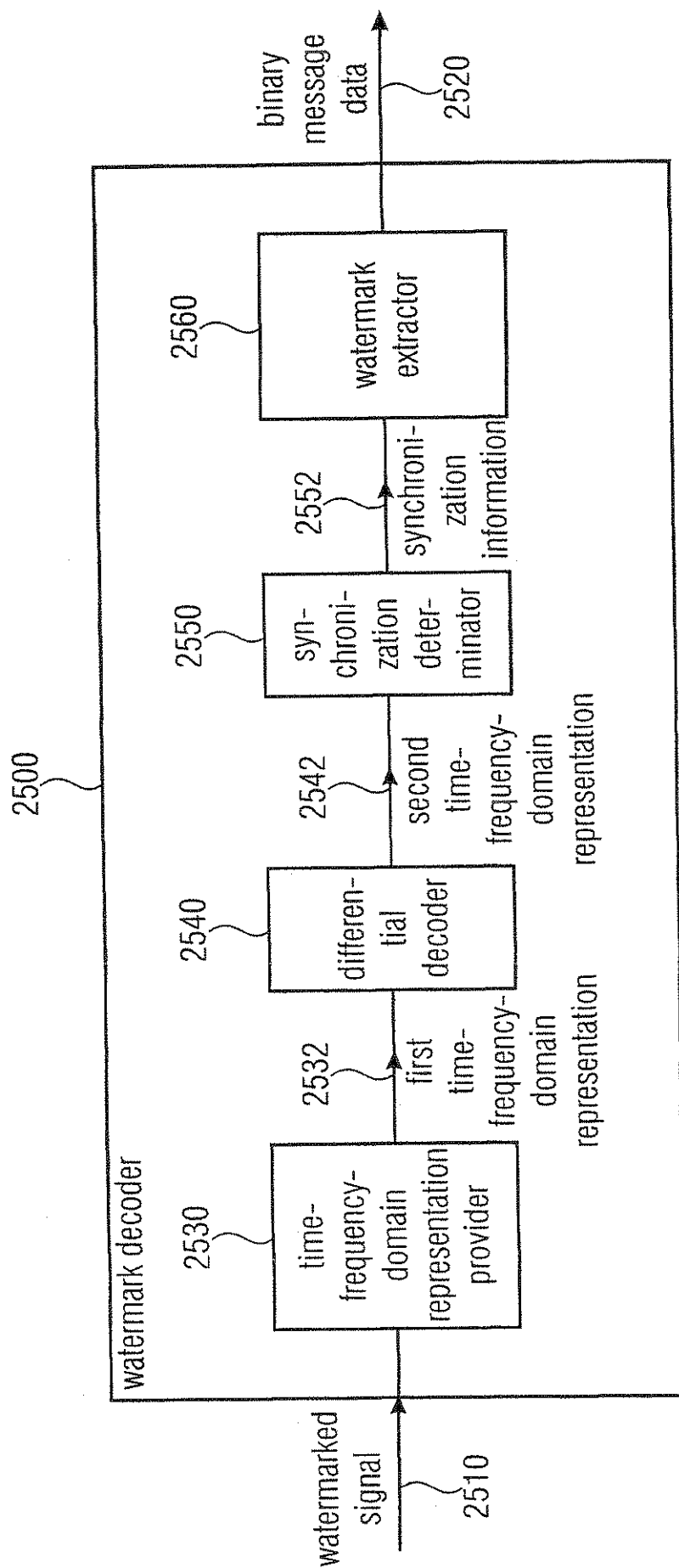


FIGURE 25

36/39

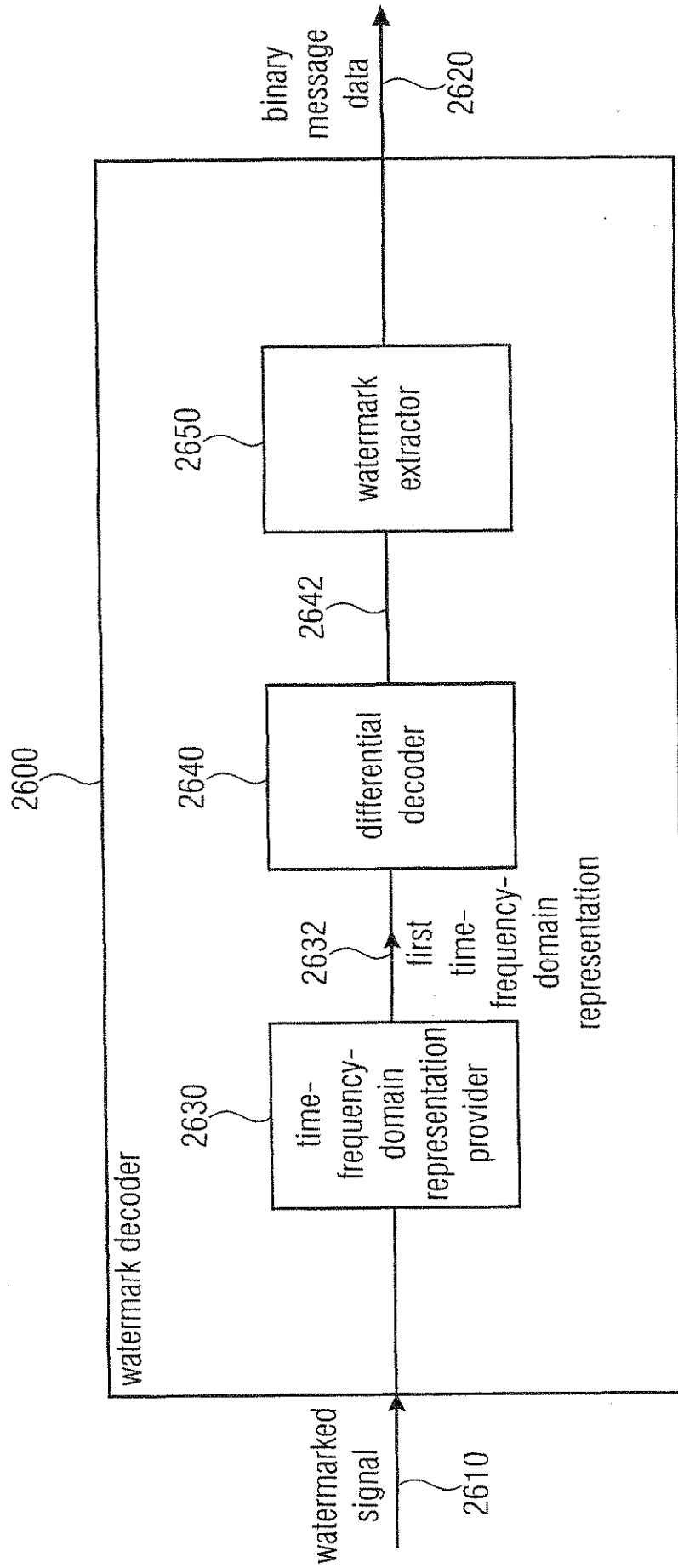


FIGURE 26

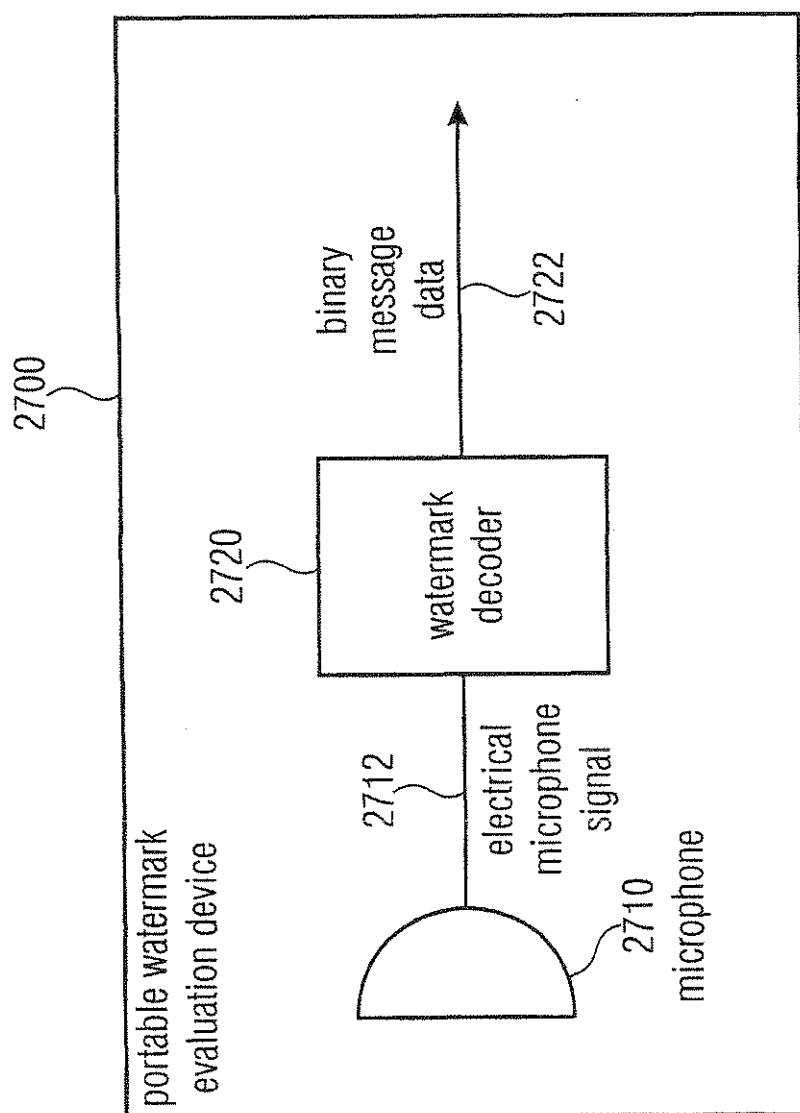


FIGURE 27

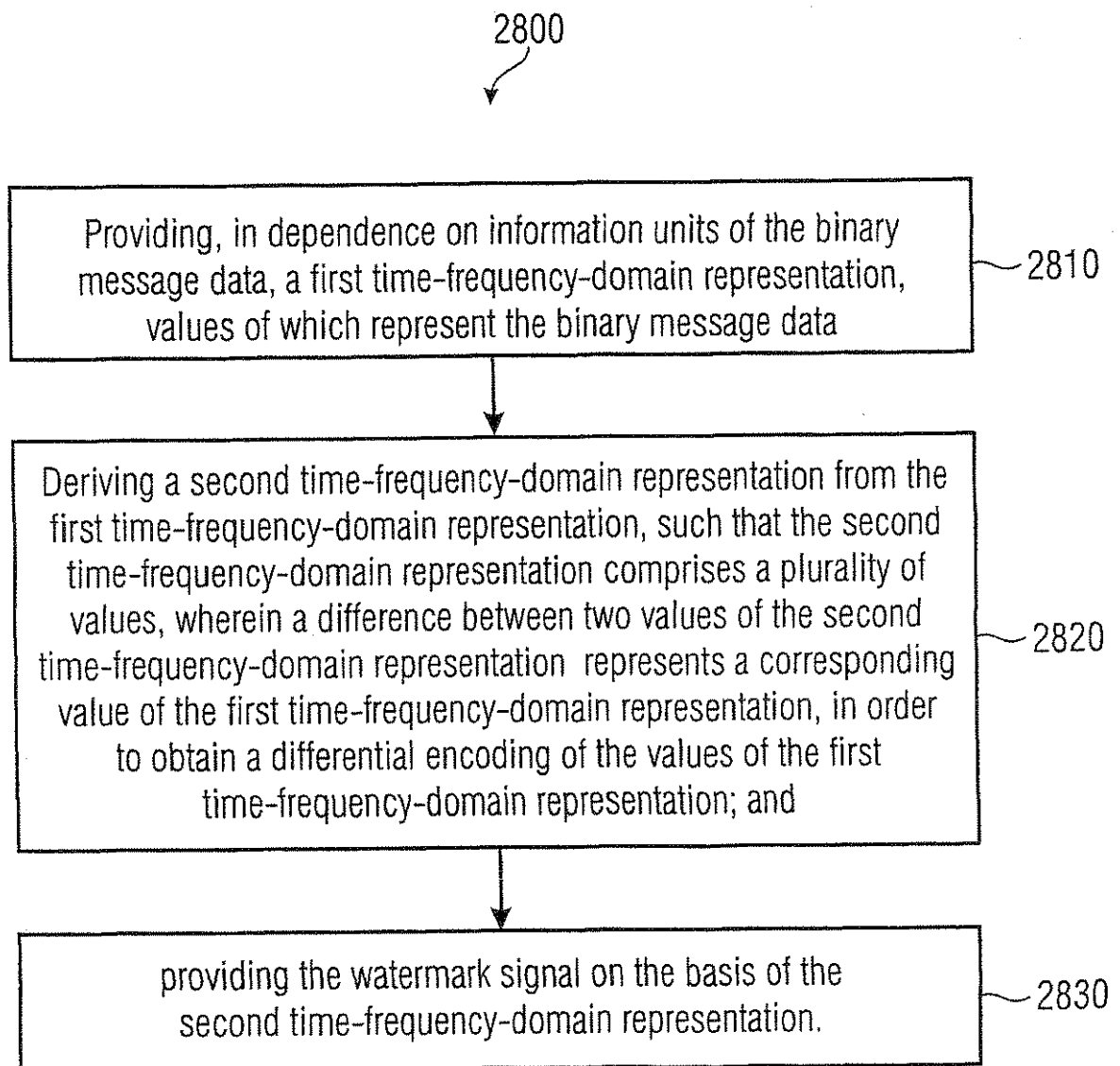


FIGURE 28

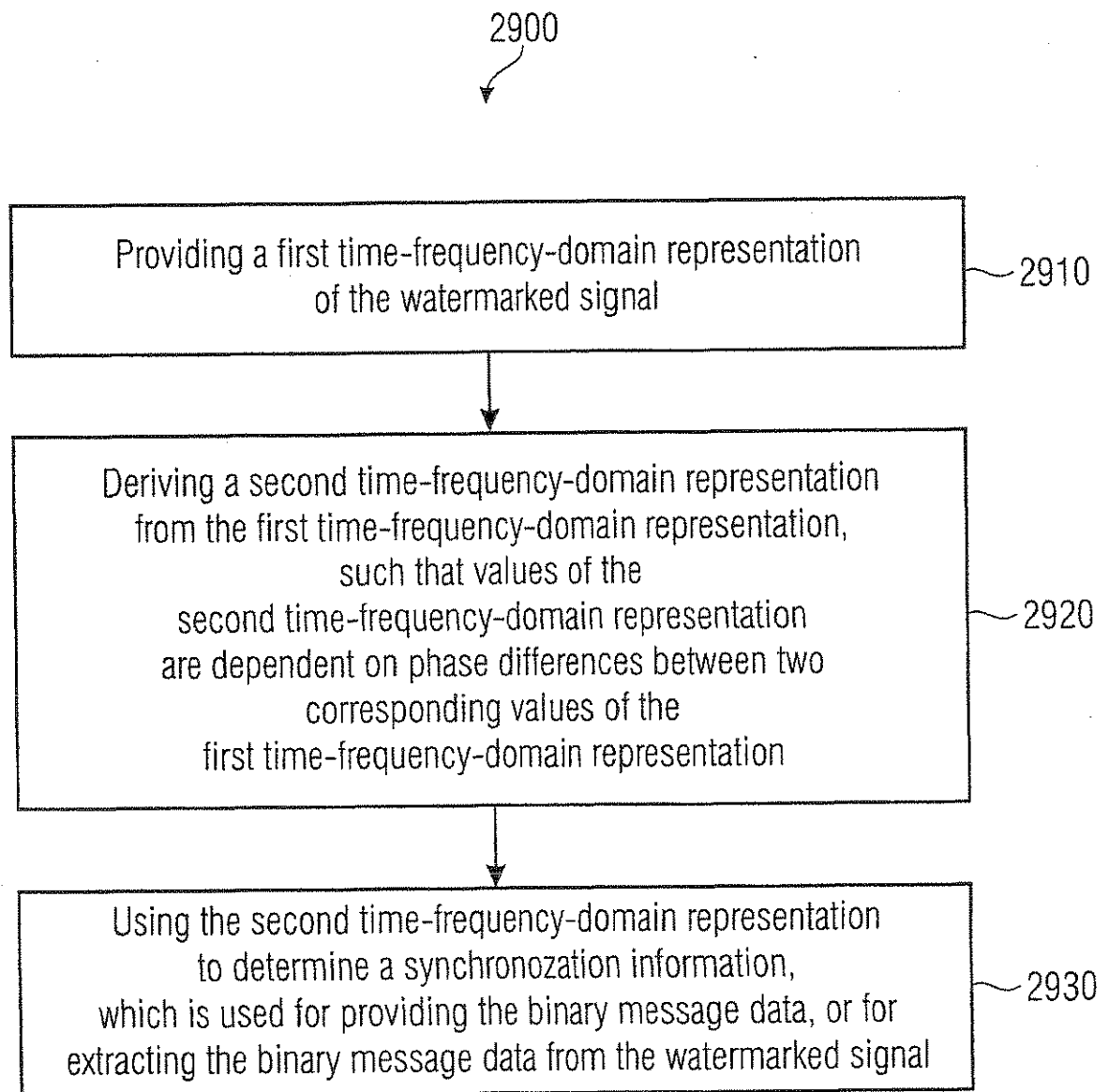


FIGURE 29