

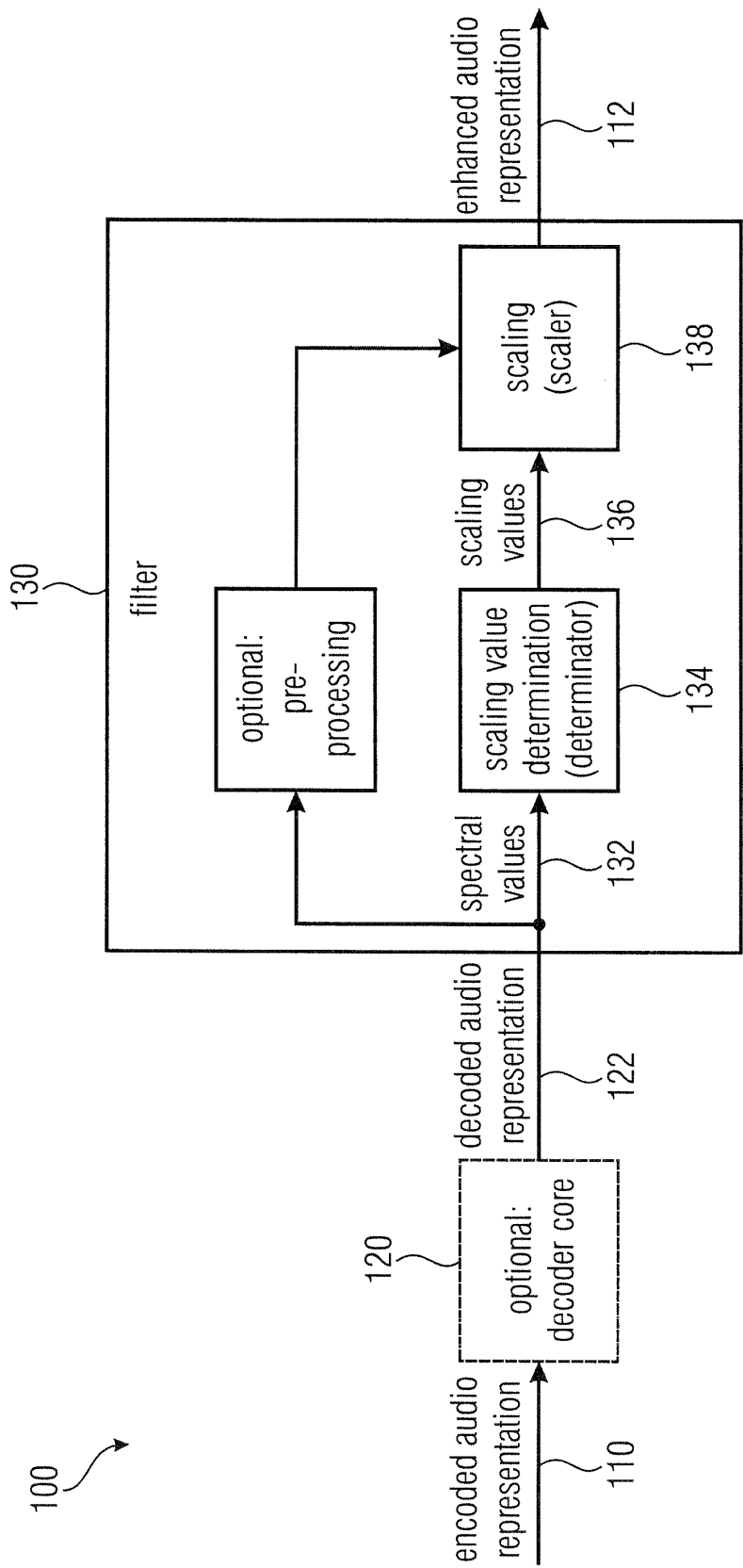


Fig. 1

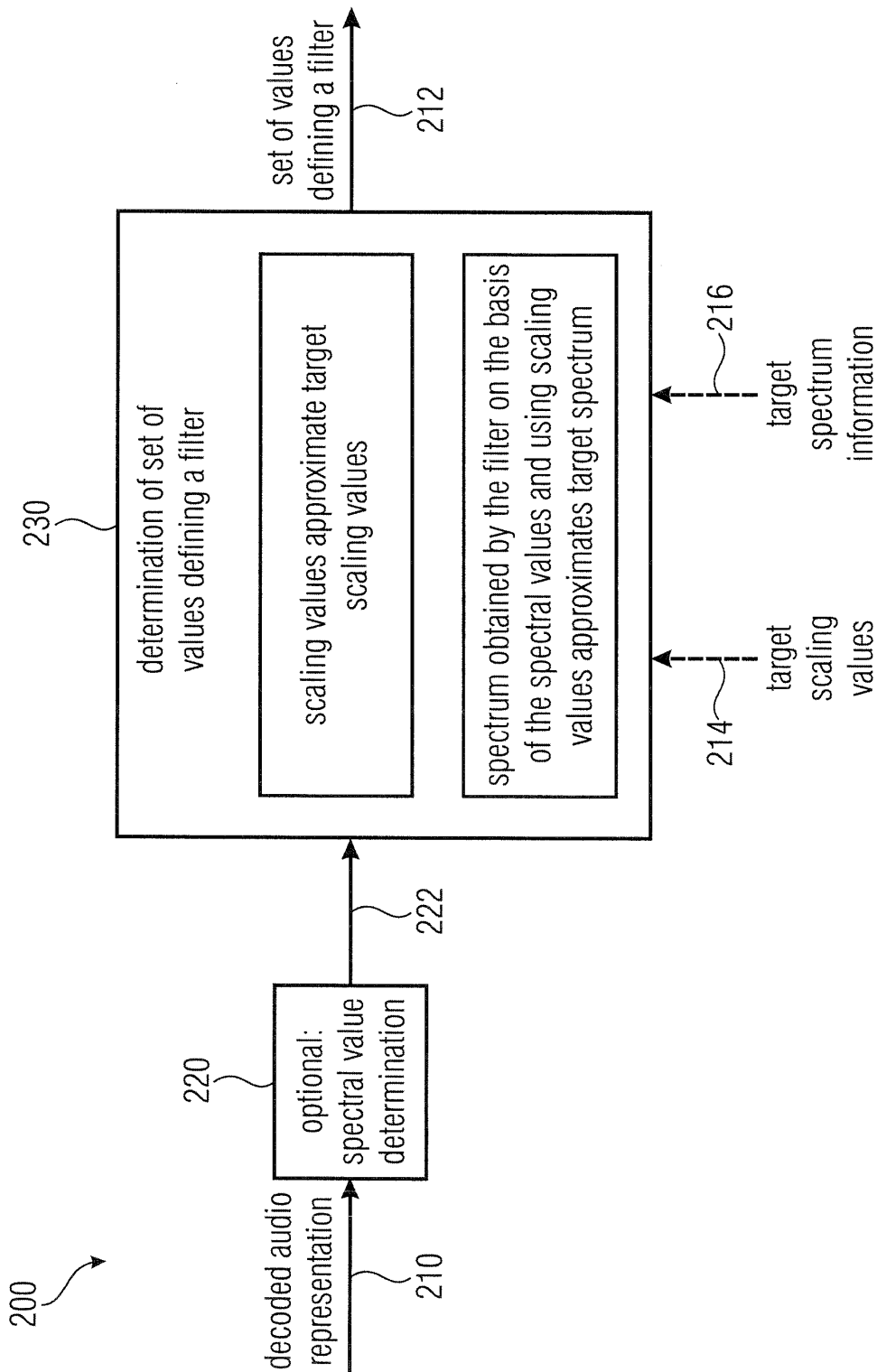


Fig. 2

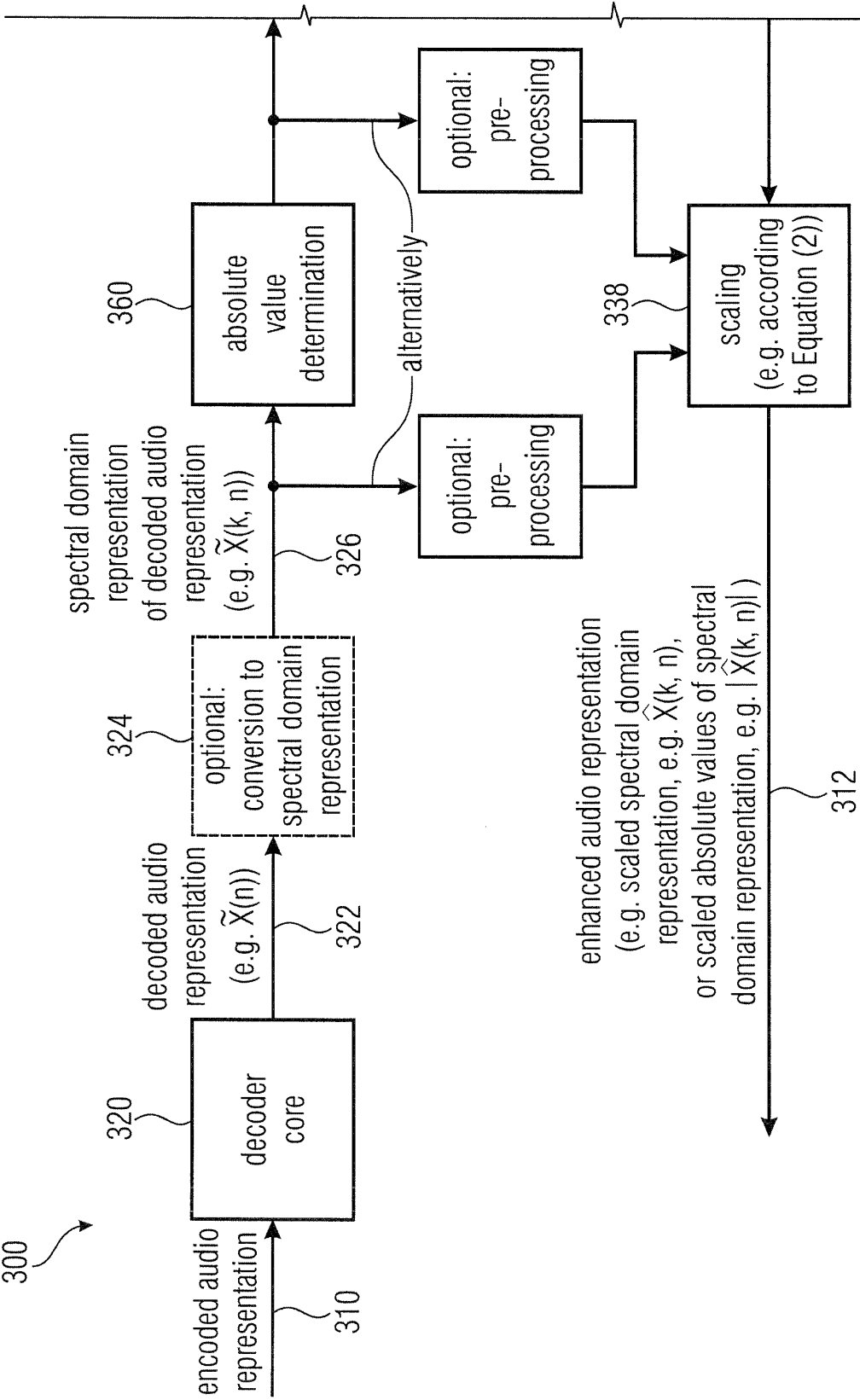


Fig. 3 (Part 1)

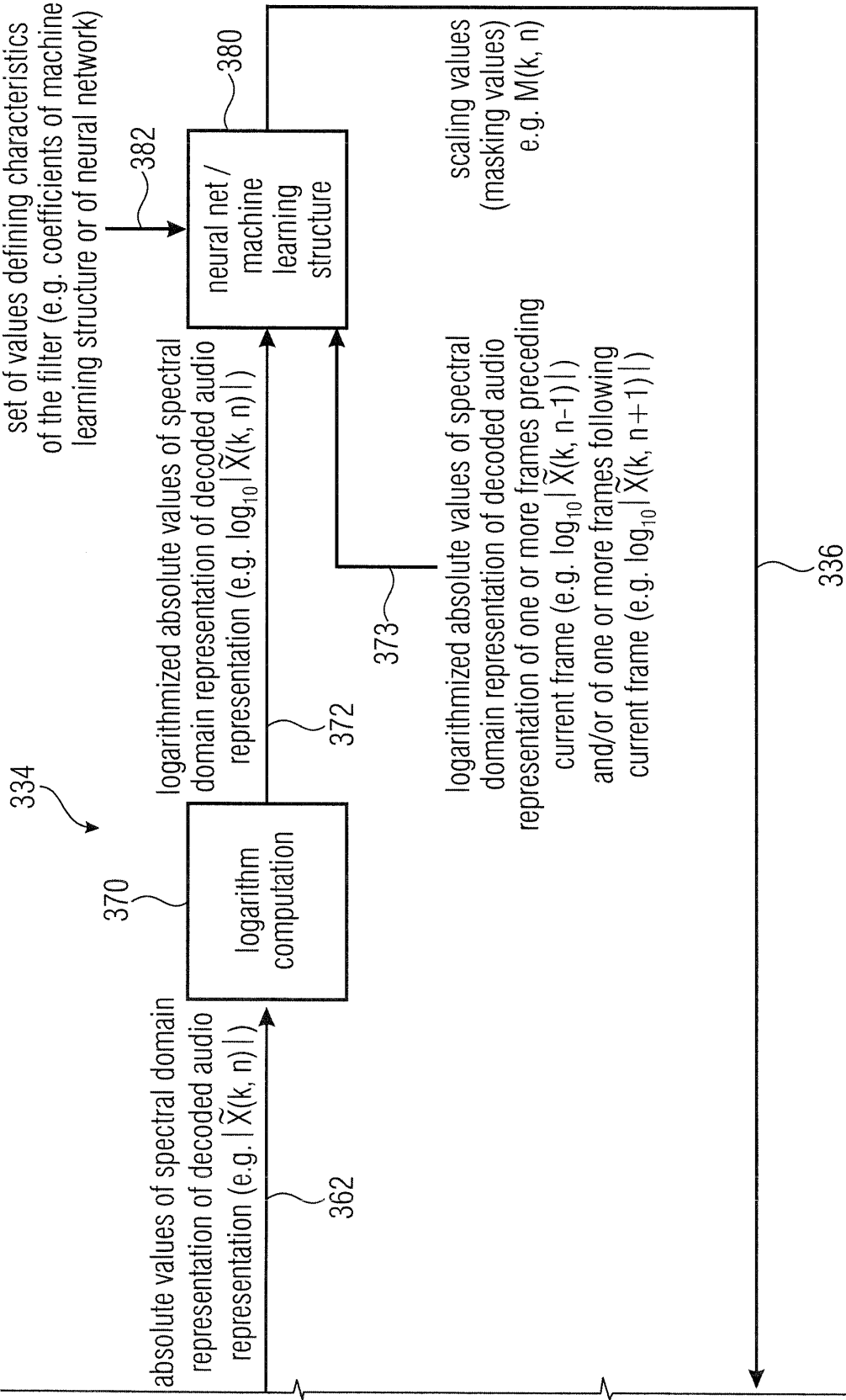


Fig. 3 (Part 2)

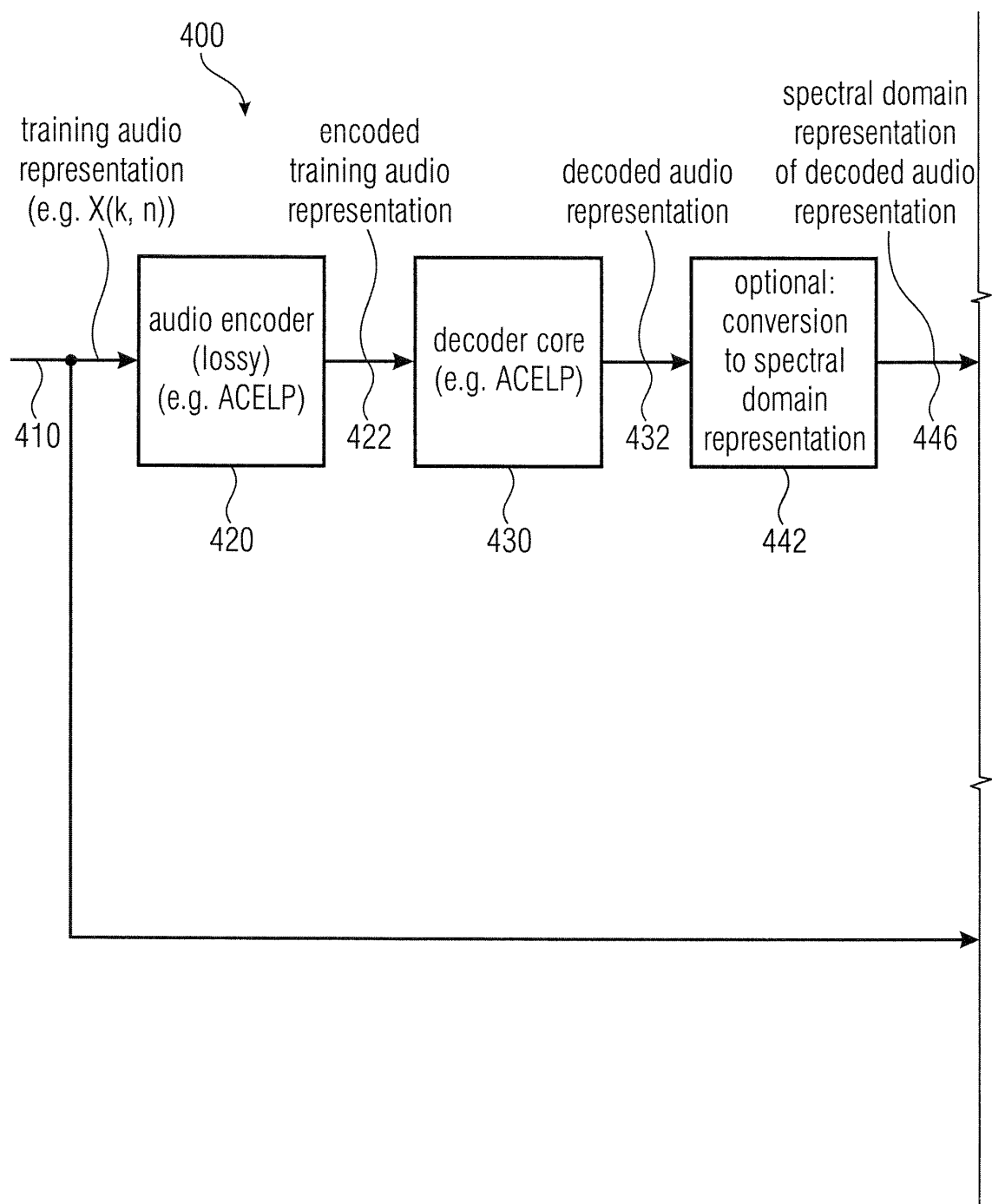


Fig. 4 (Part 1)

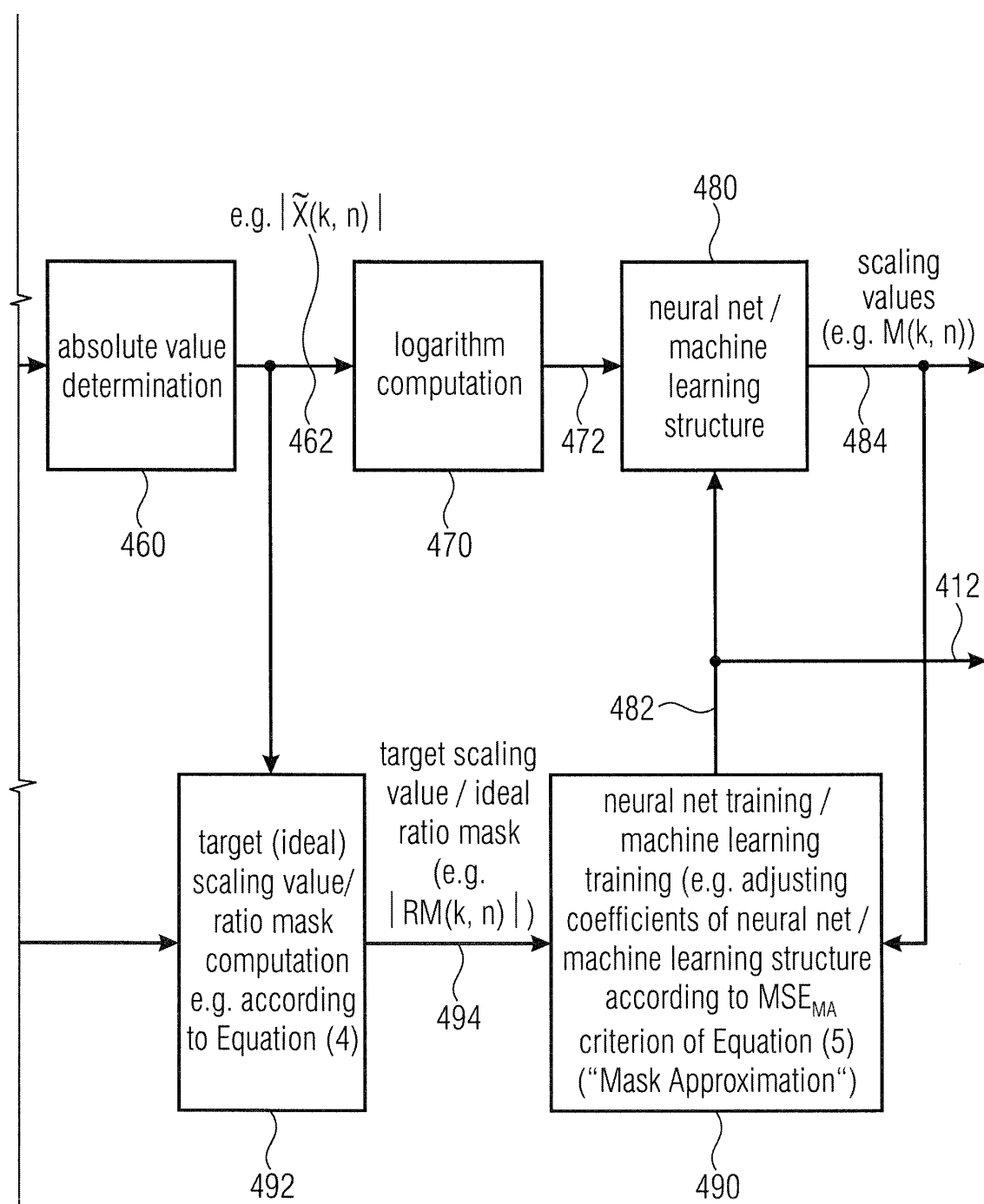
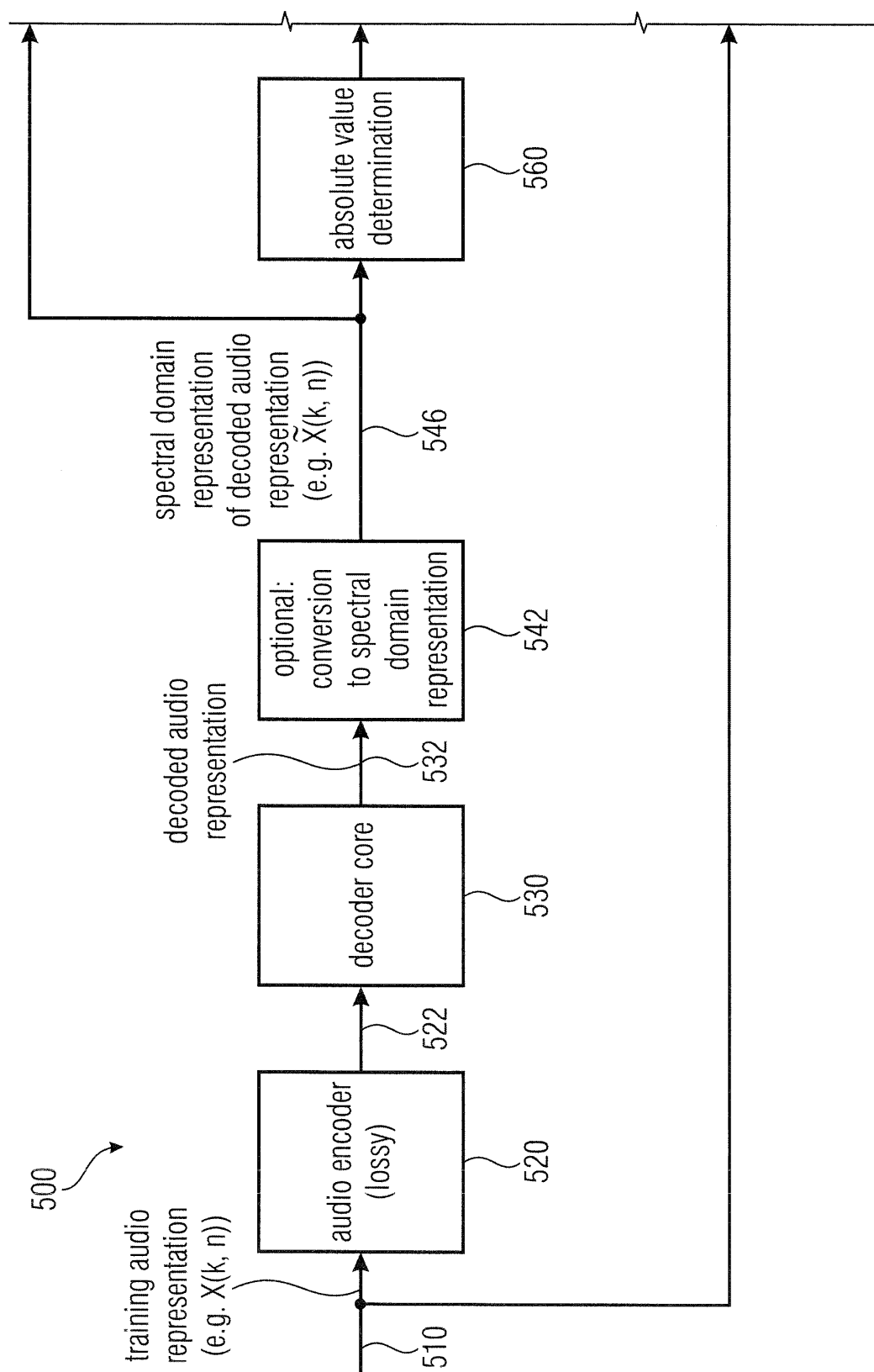


Fig. 4 (Part 2)



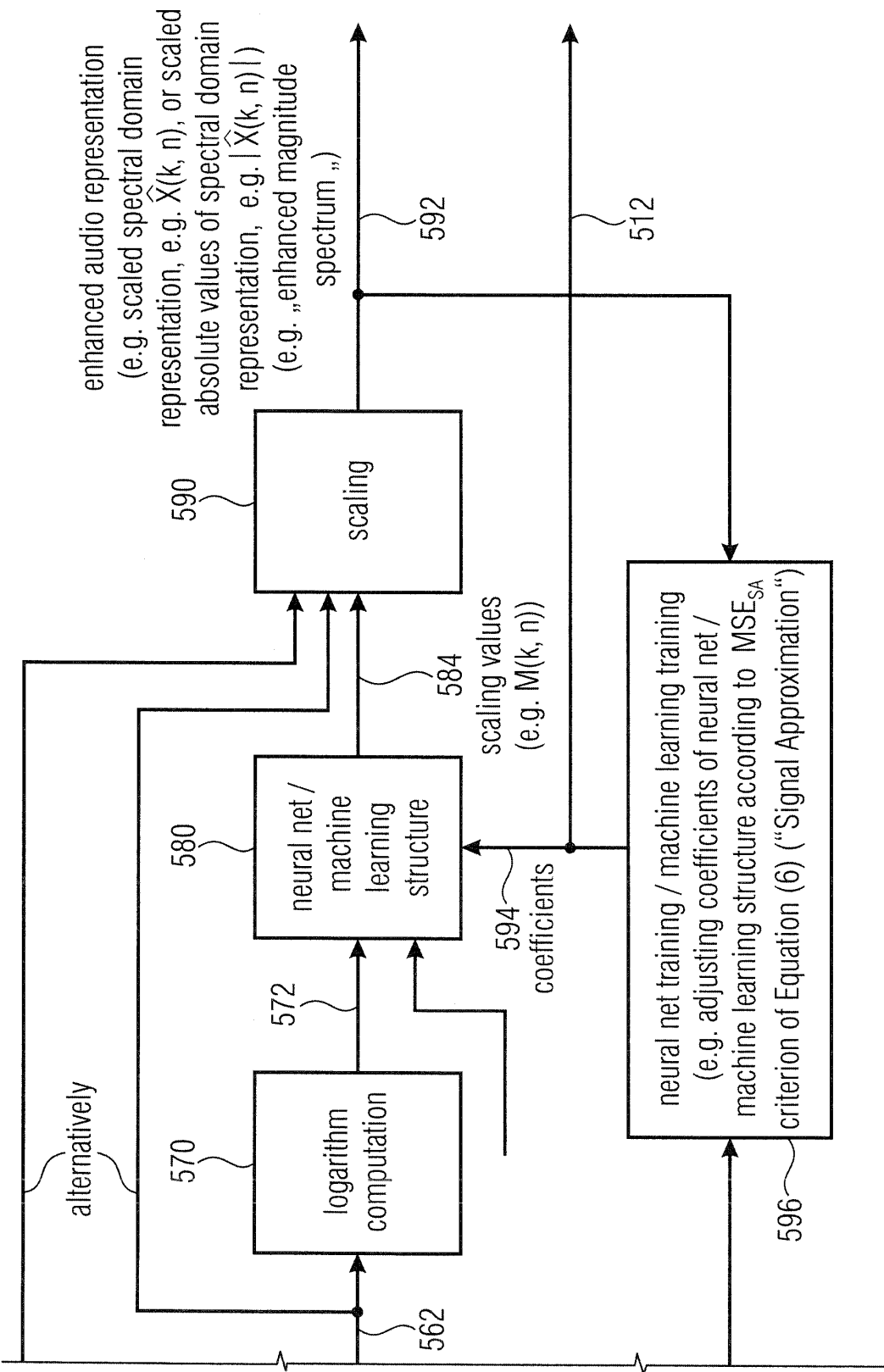


Fig. 5 (Part 2)

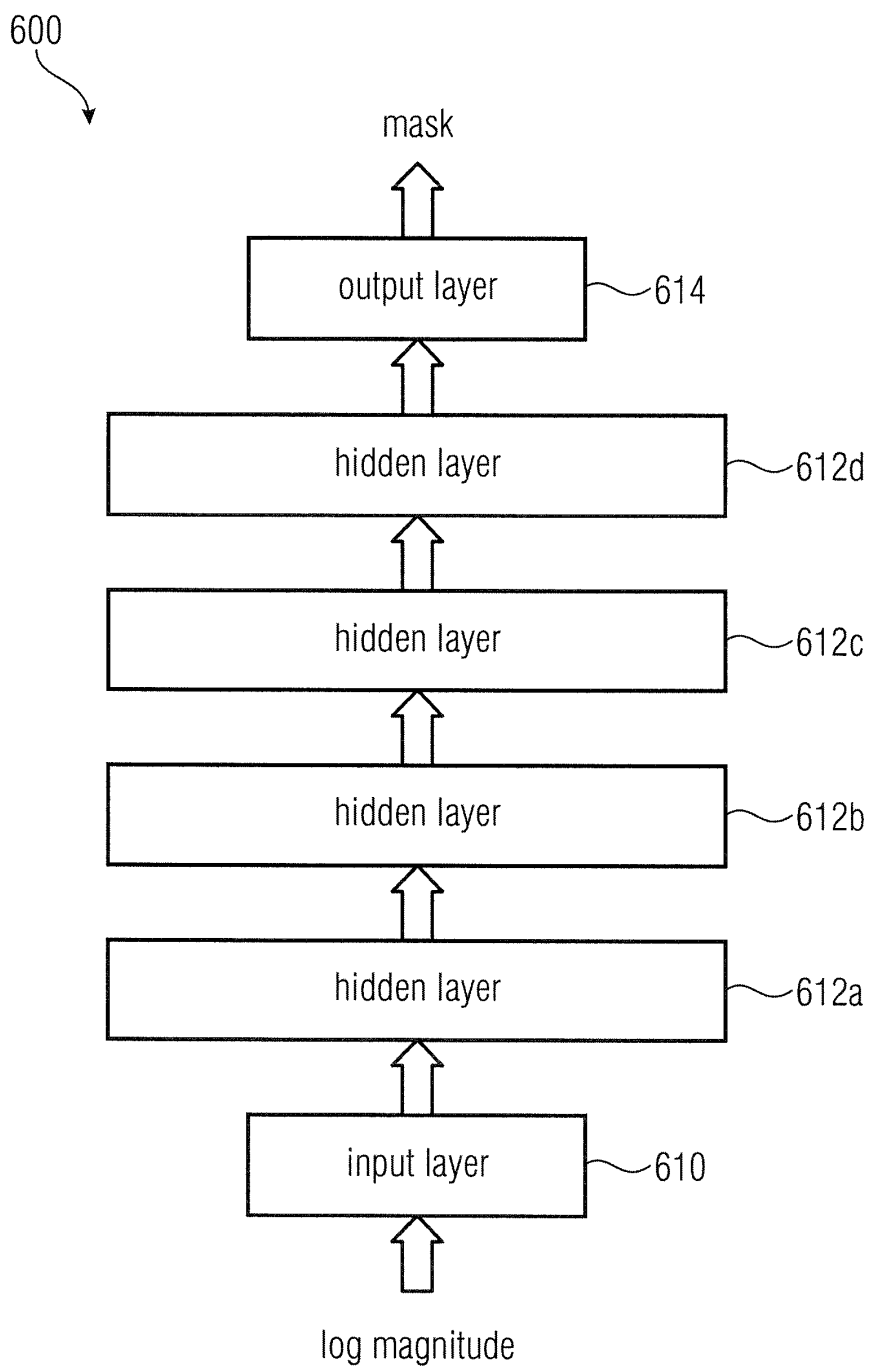
SNR (dB)	-10	-5	0	5	10
%	97.22	95.74	93.69	90.91	87.39

Table 1: Percentage of mask values that lie in interval (0.1) for different signal to noise ratio (SNR)

Mask Thresholds	6.65 kbps	8.85 kbps	12.65 kbps
[0; 1]	38.94%	41.00%	44.09%
(1; 2]	31.19%	33.44%	36.20%
(2; 5]	21.40%	18.69%	14.66%
(5; 10]	5.52%	4.48%	3.28%
(10; ∞]	2.94%	2.39%	1.77%

Table 2: Percentage of mask values in different threshold regions measured at lowest 3 birates of AMR-WB

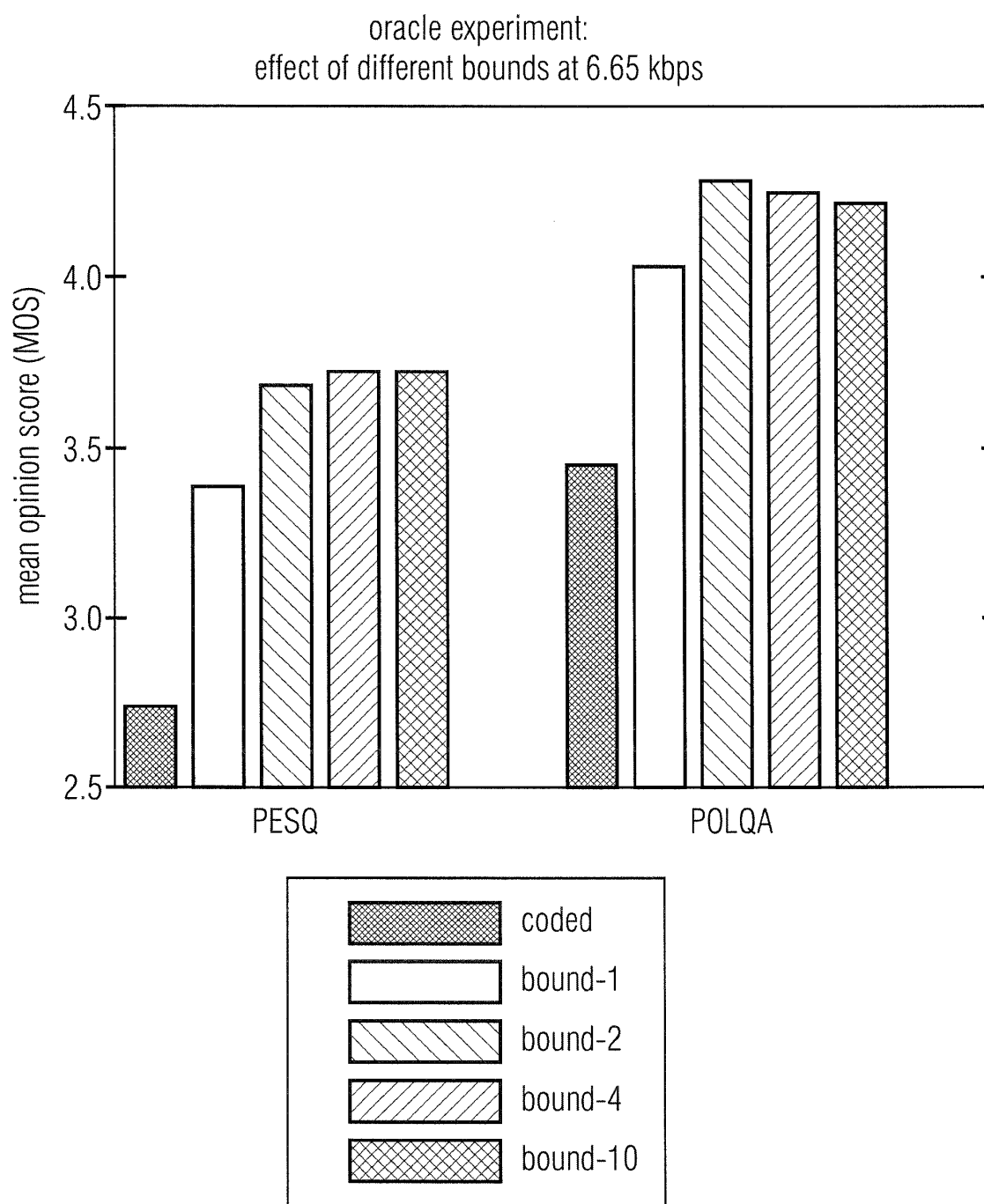
10/14



fully connected neural network (FCNN)
that maps log-magnitude to real valued mask

Fig. 6

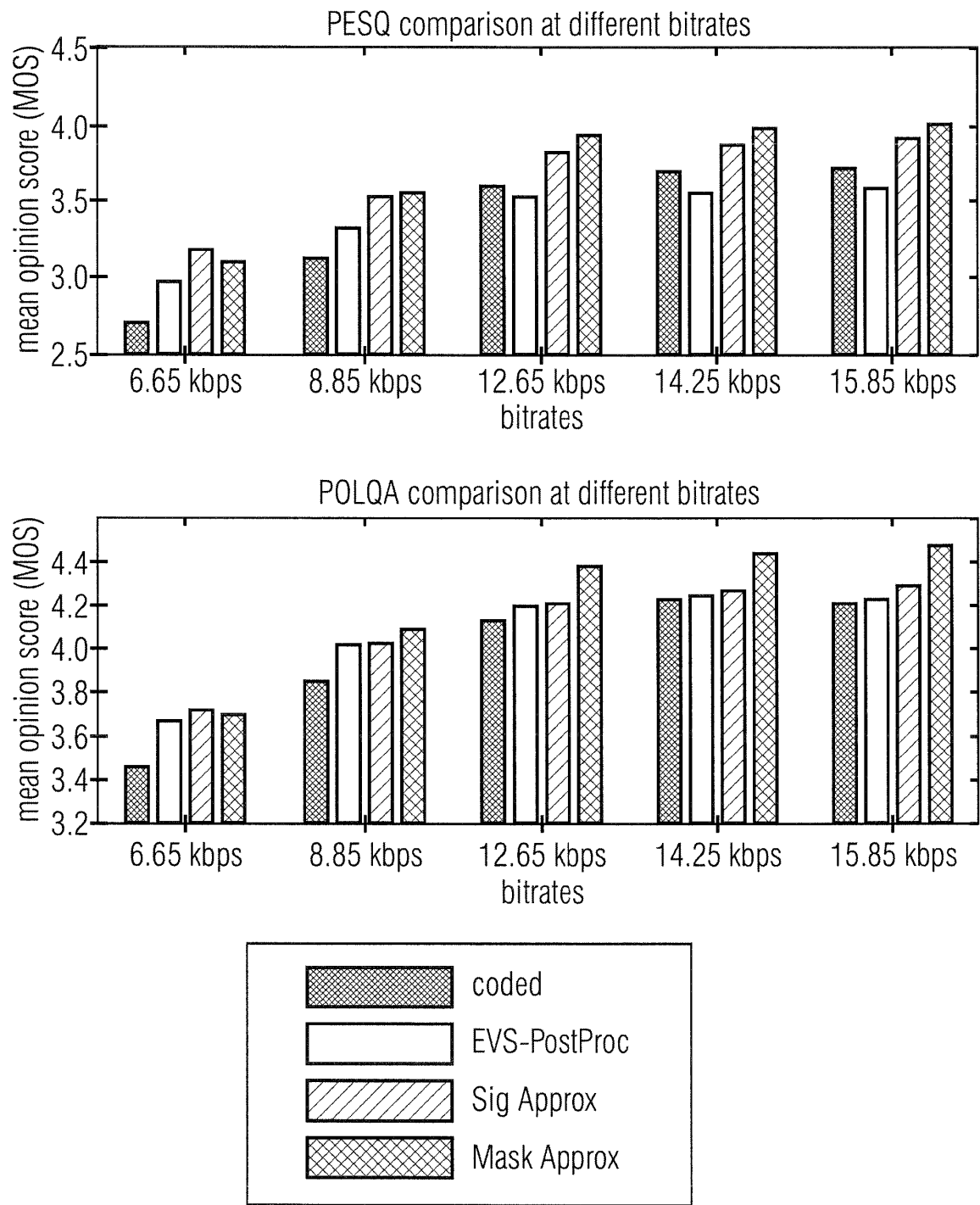
11/14



average PESQ and POLQA scores evaluating the oracle
experiment with different bounds of the mask at 6.65 kbps

Fig. 7

12/14



average PESQ and POLQA scores evaluating the performance of proposed methods and EVS post processor

Fig. 8

13/14

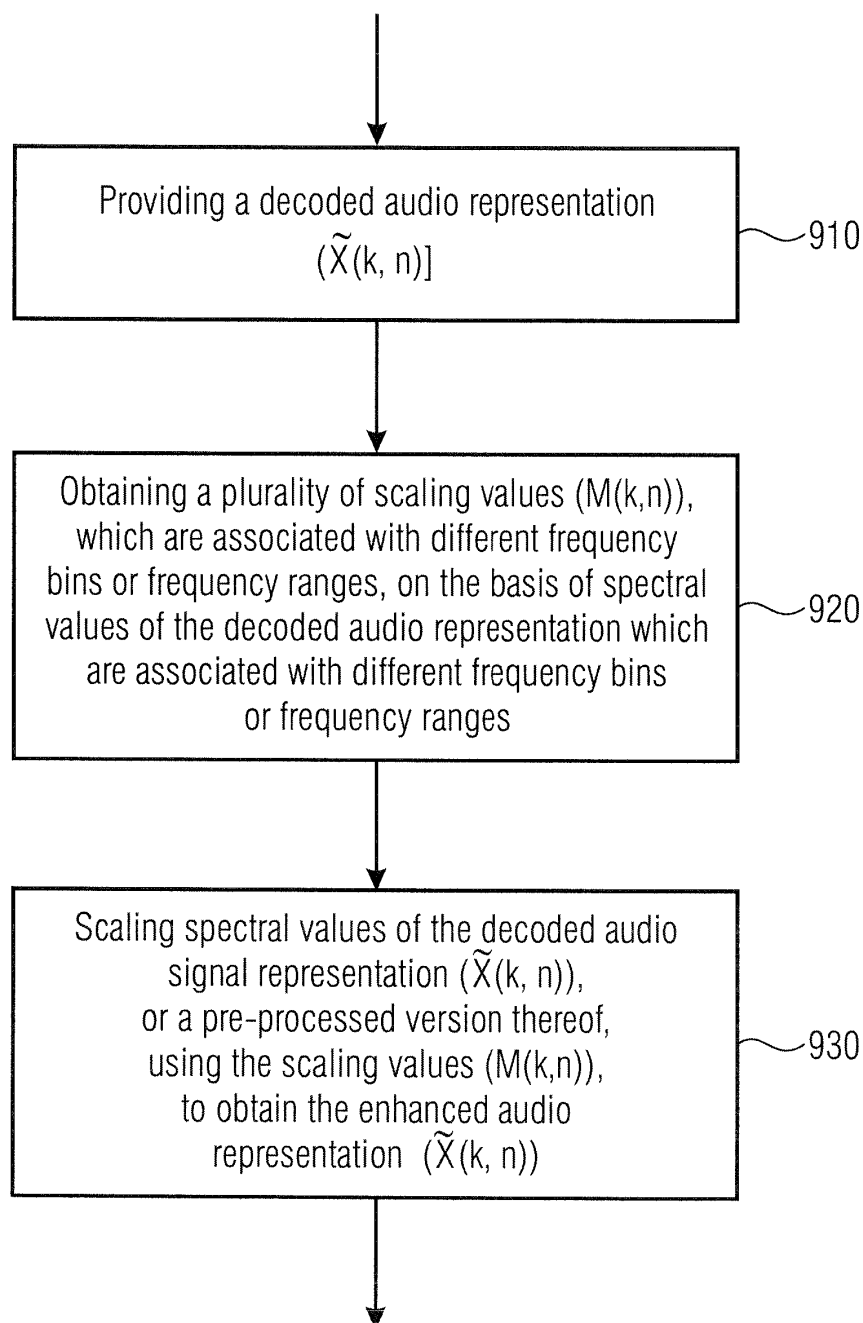


Fig. 9

14/14

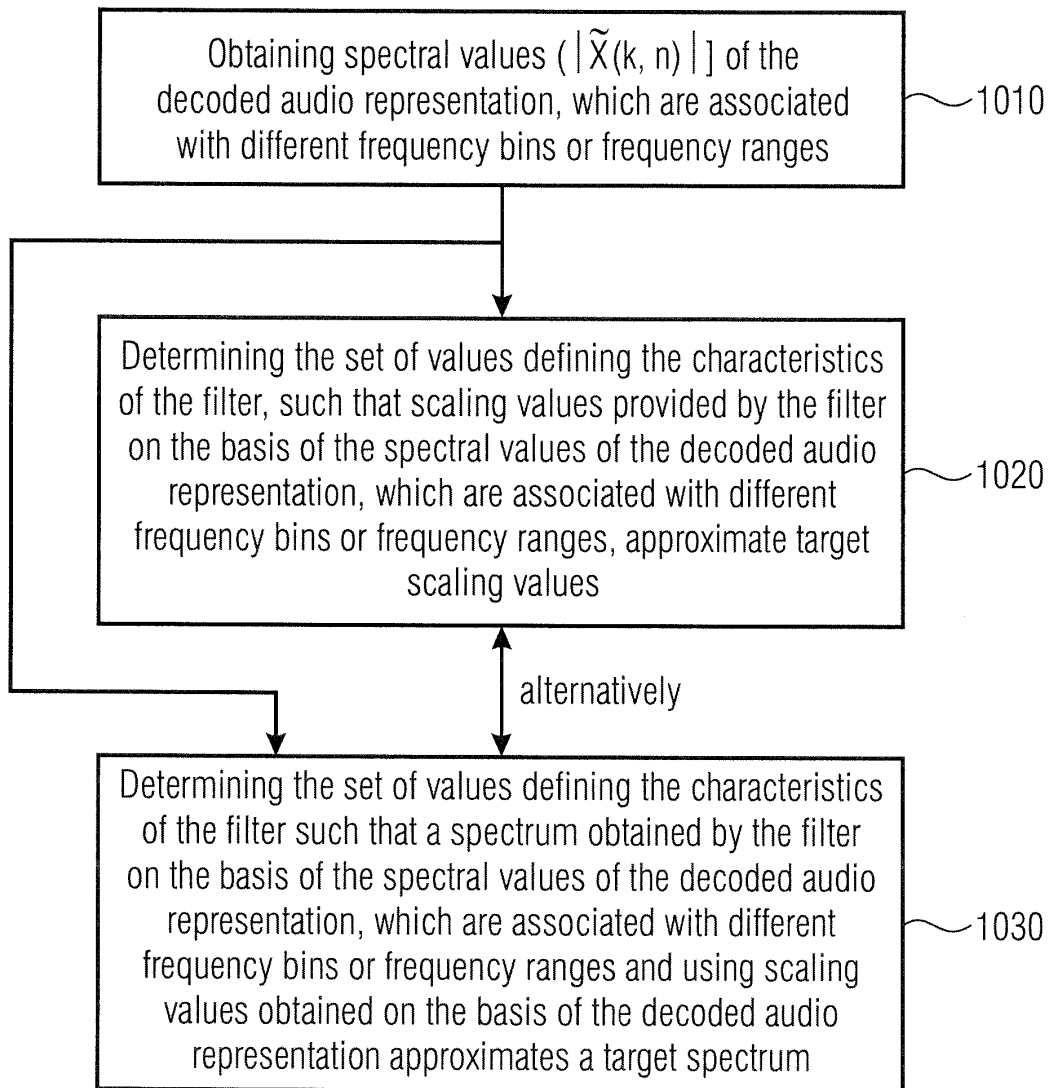


Fig. 10