

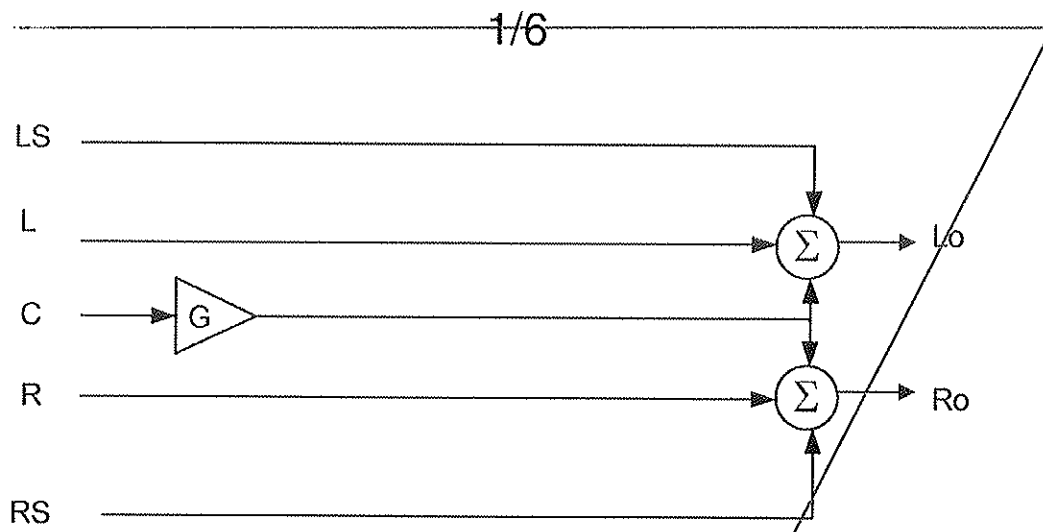


Fig. 1 Stereo Mix
(prior art)

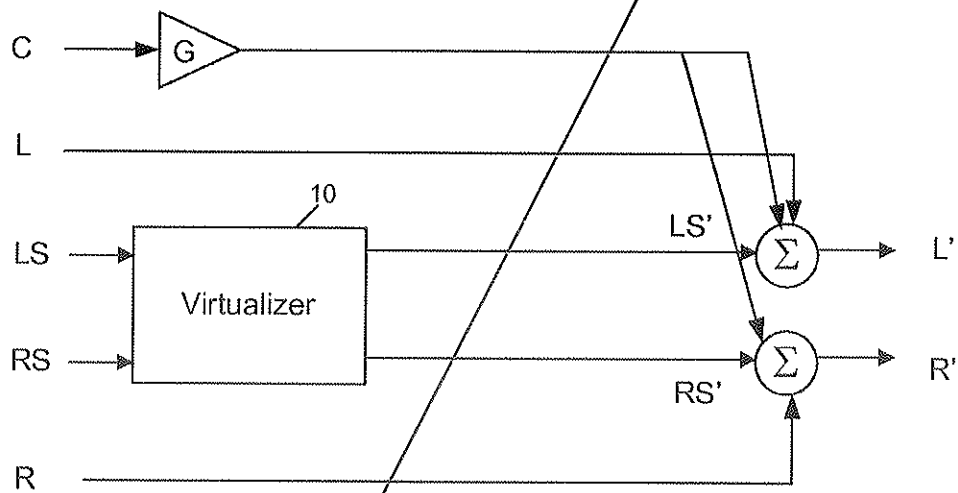


Fig. 2 Virtualizer Mix
(prior art)

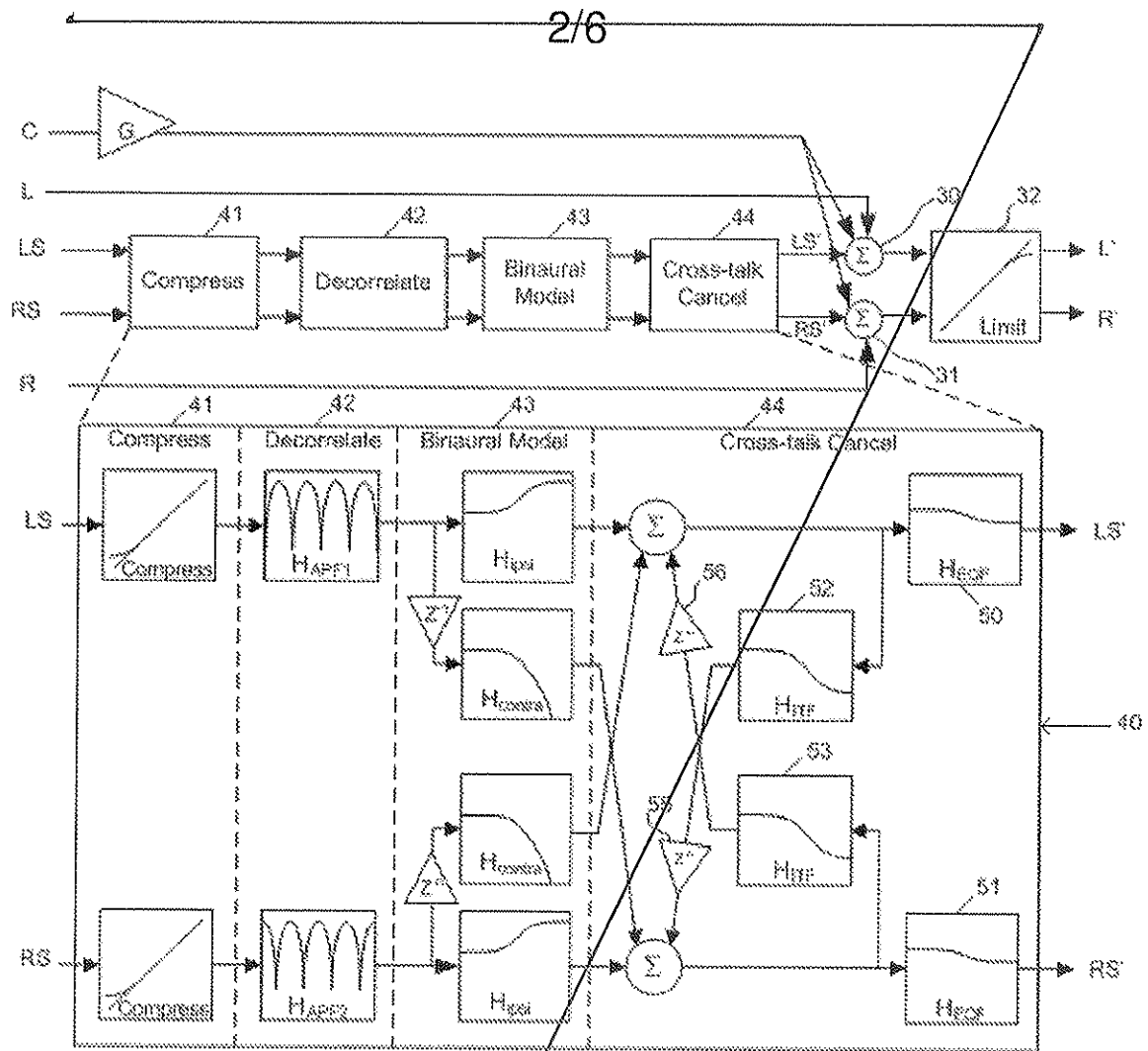
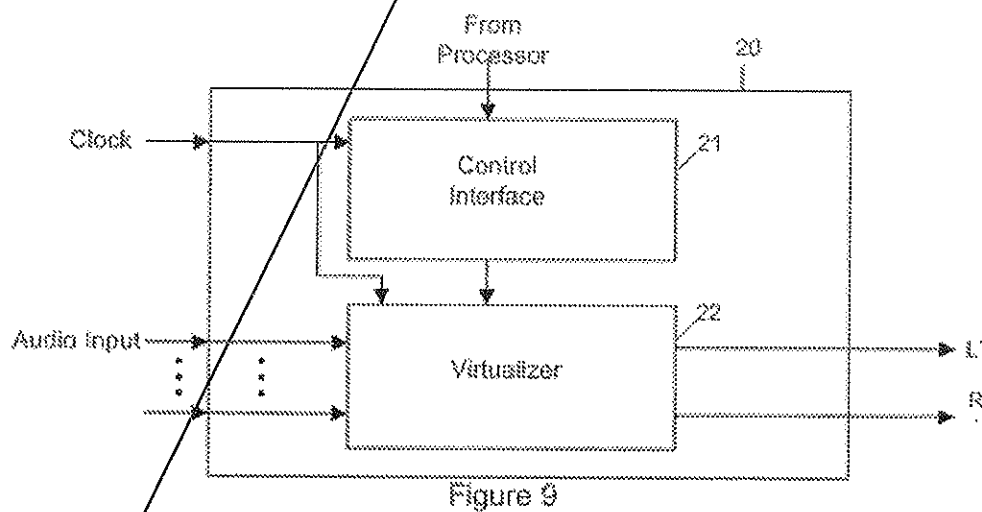


Figure 3 – Virtualizer Block Diagram



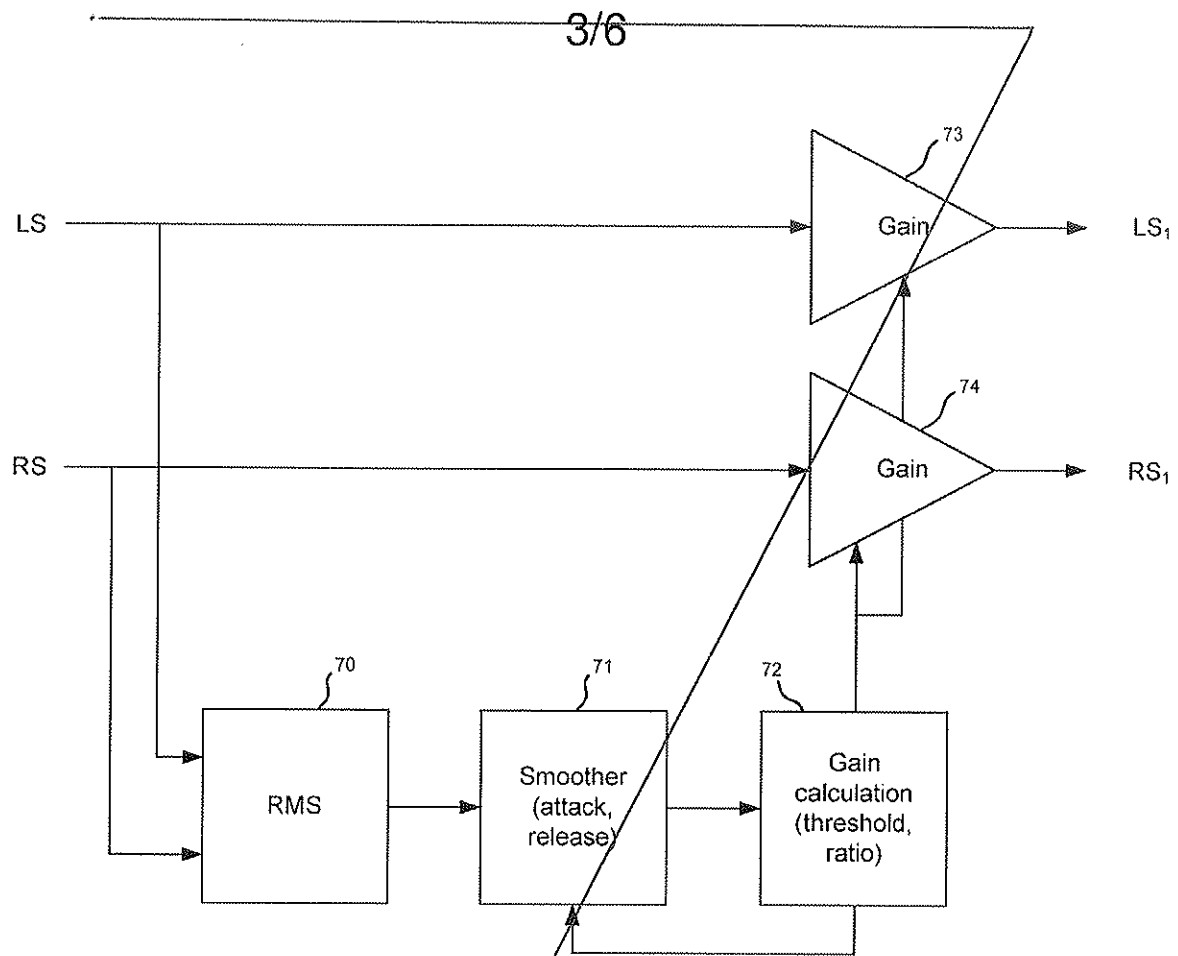


Figure 4 – Dynamic Range Compressor

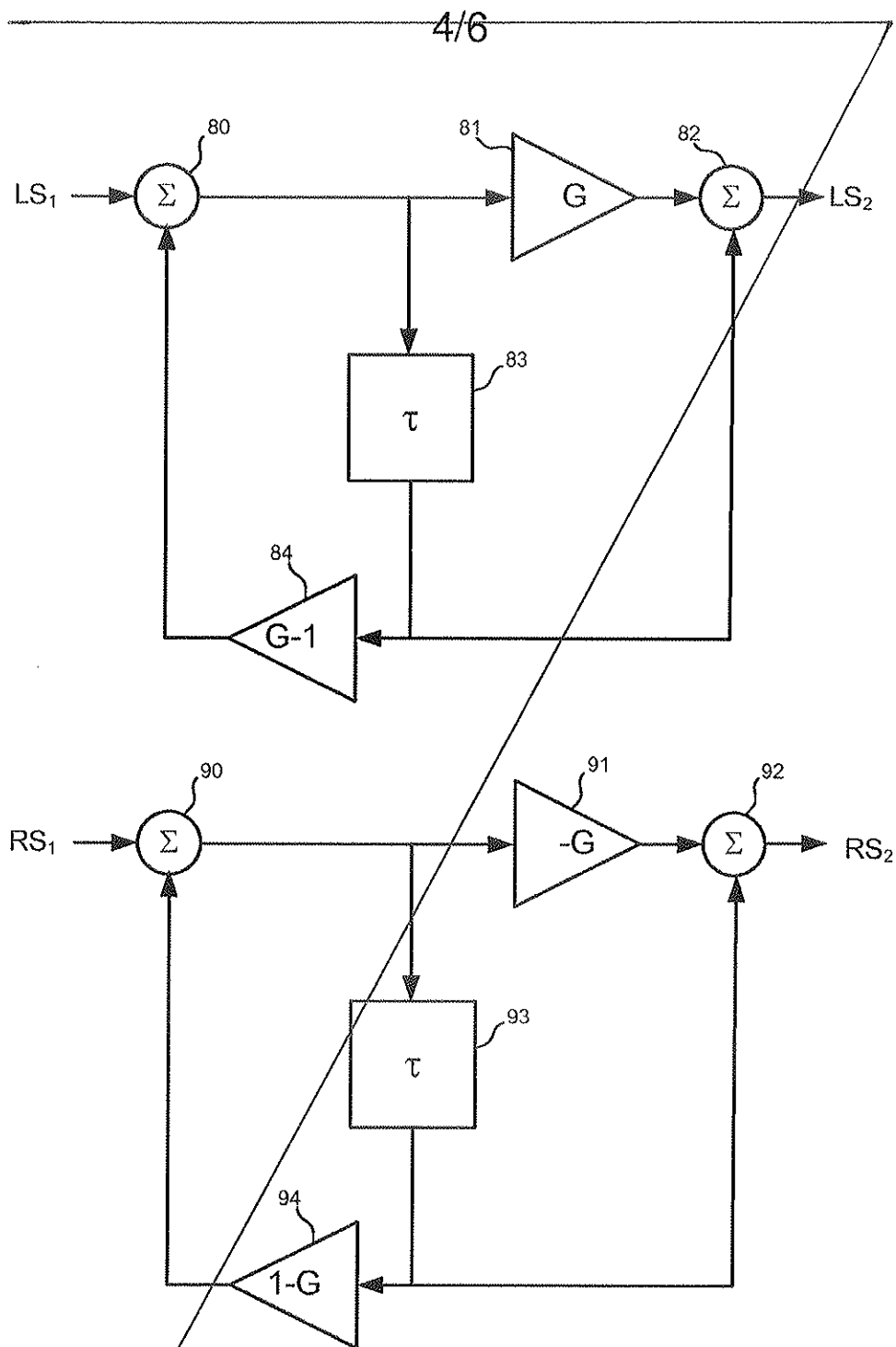


Figure 5 – Decorrelation Filters

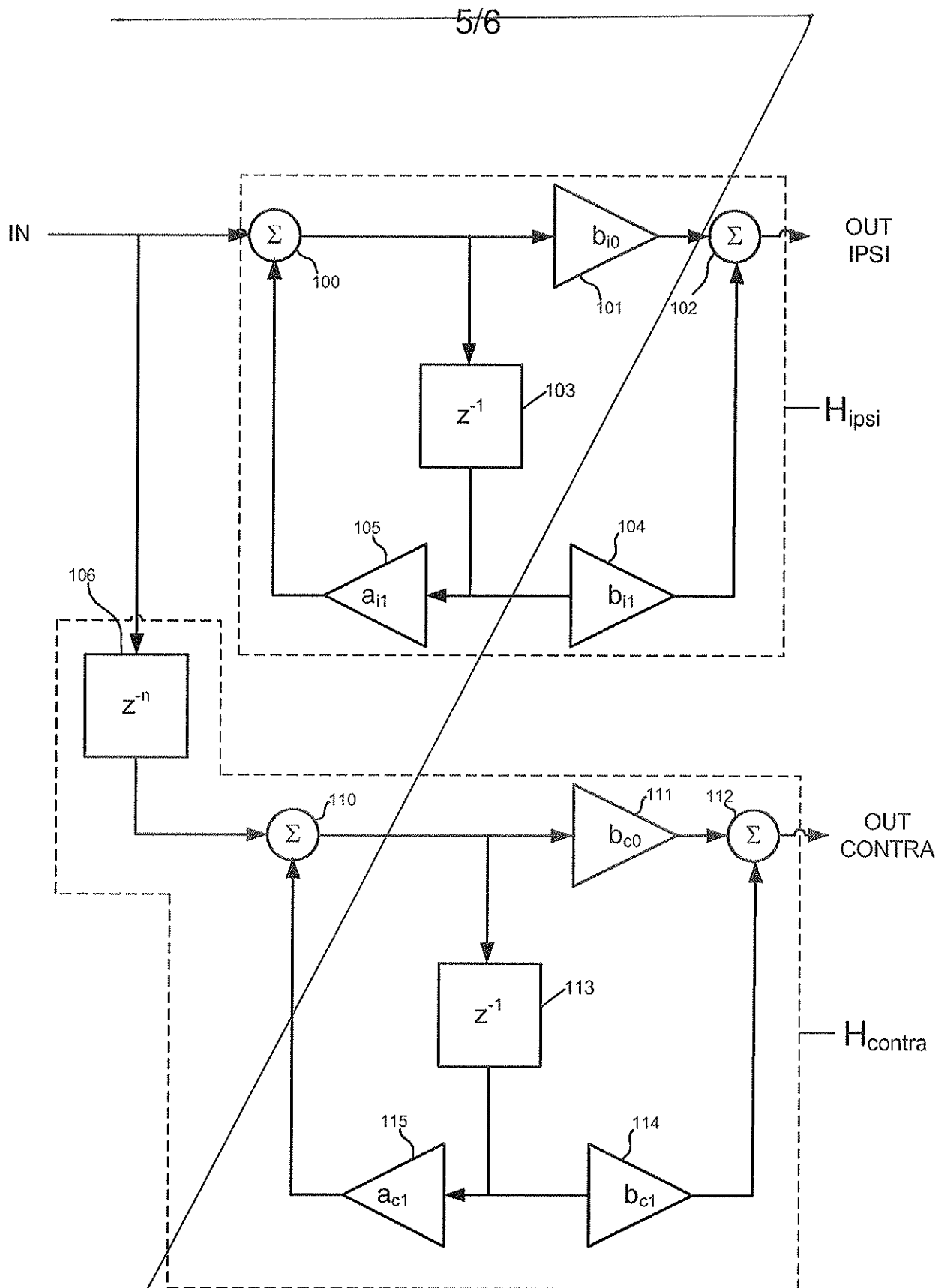
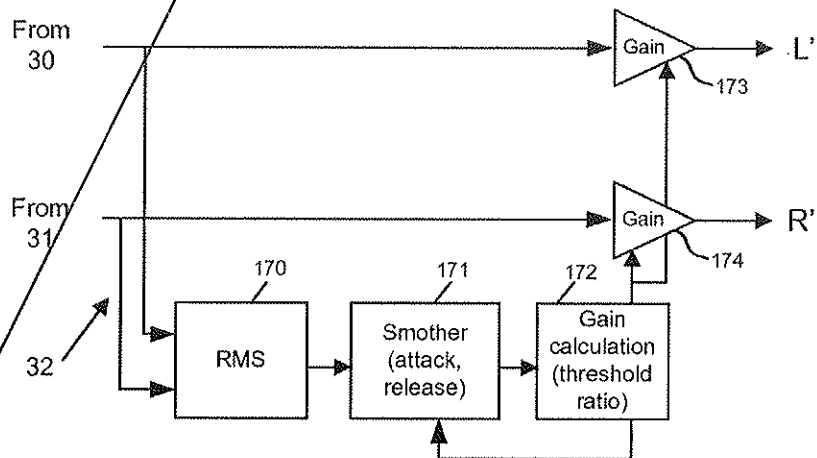
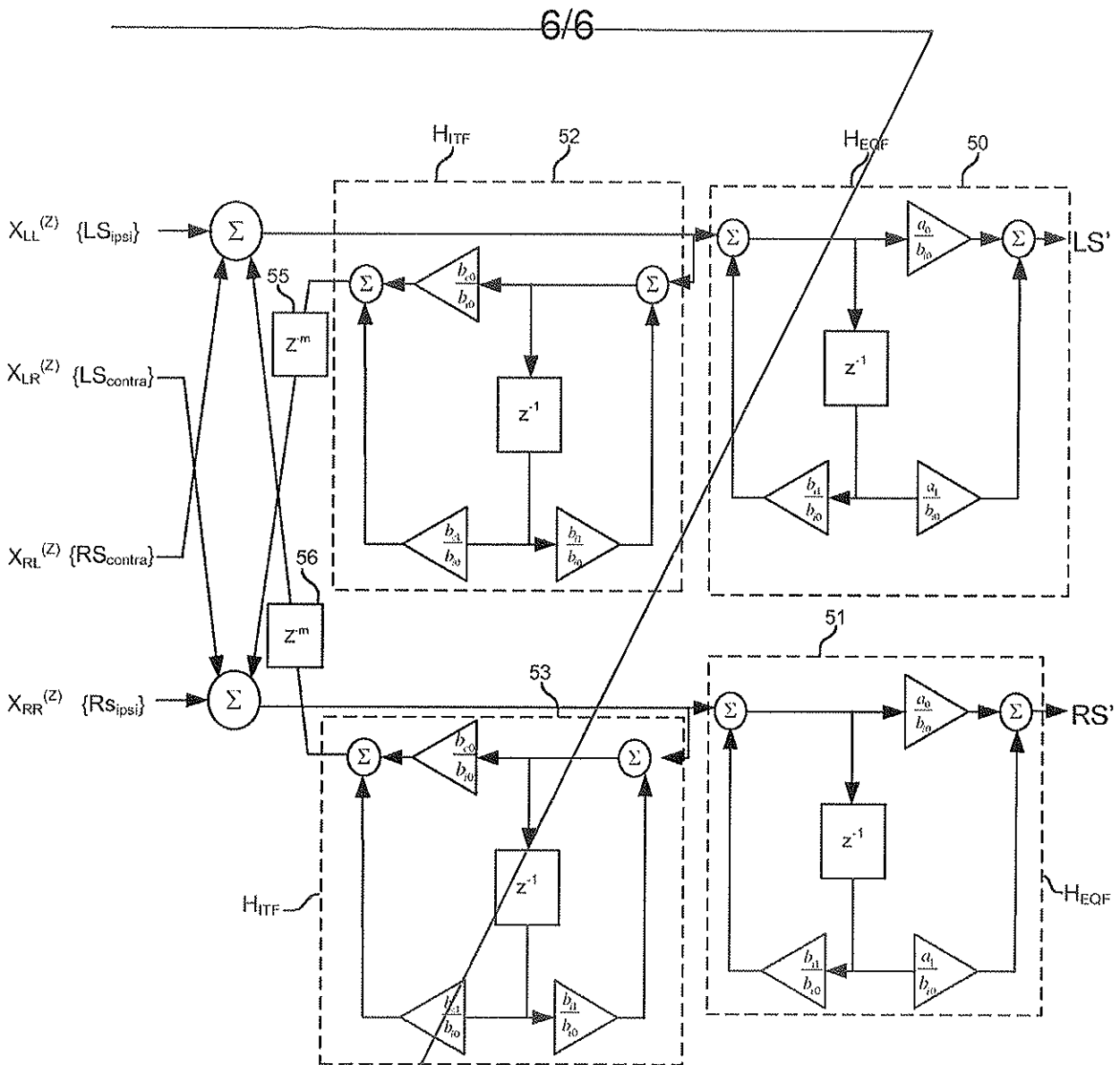


Figure 6 – HRTF Model for two ears



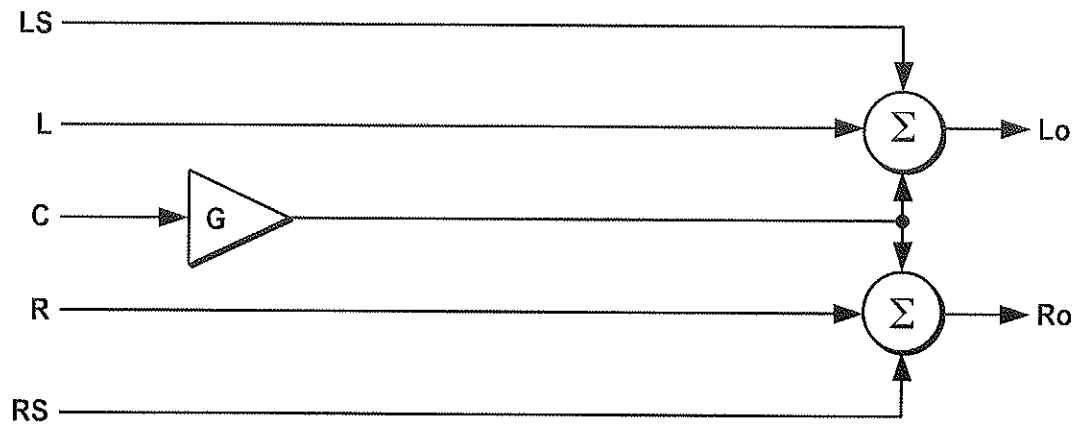


FIG. 1
(PRIOR ART)

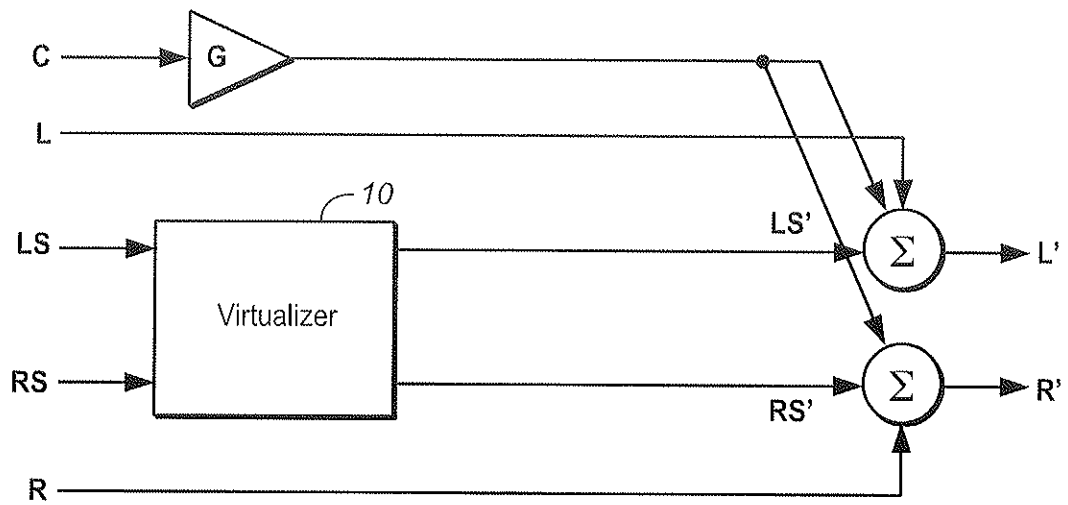
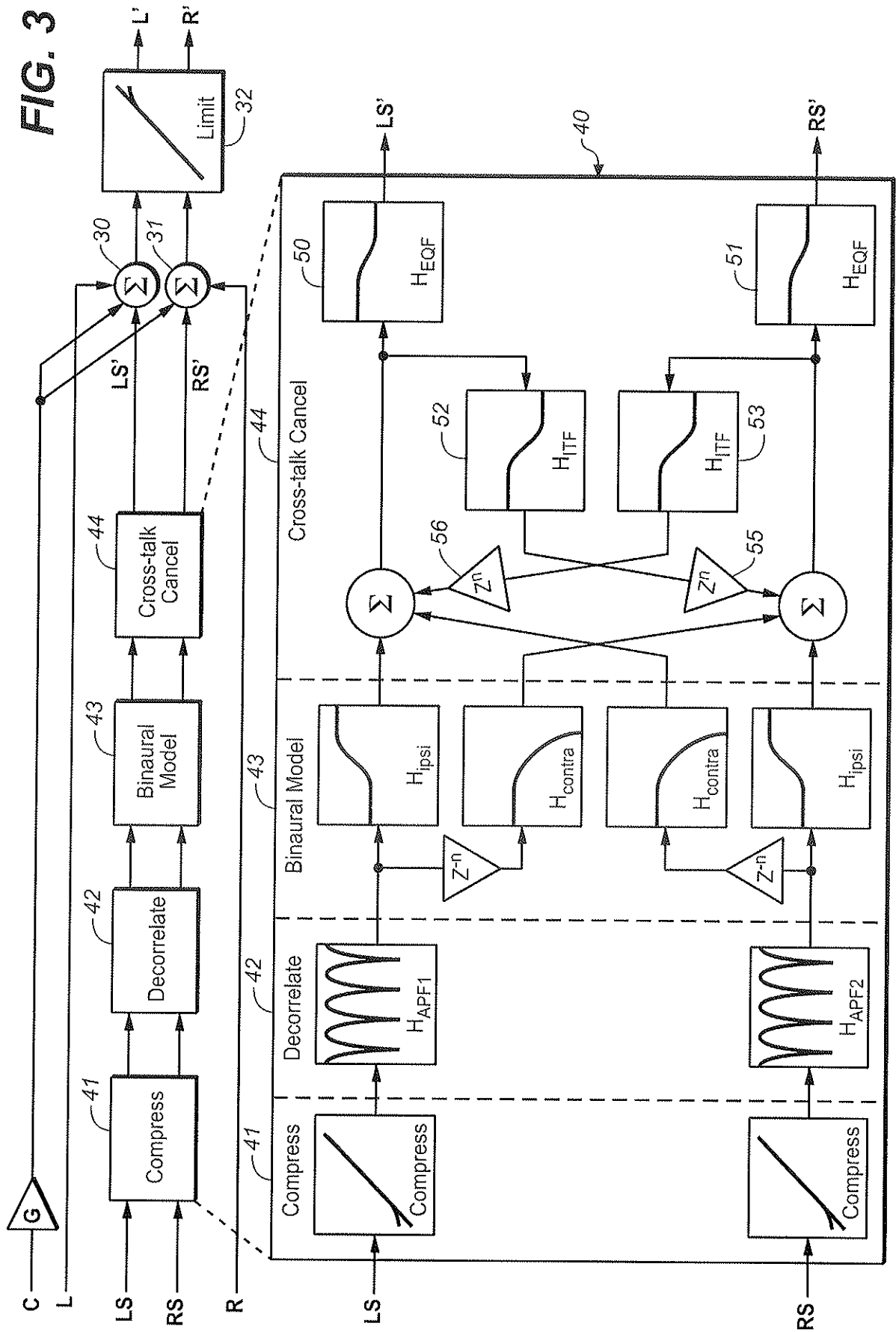
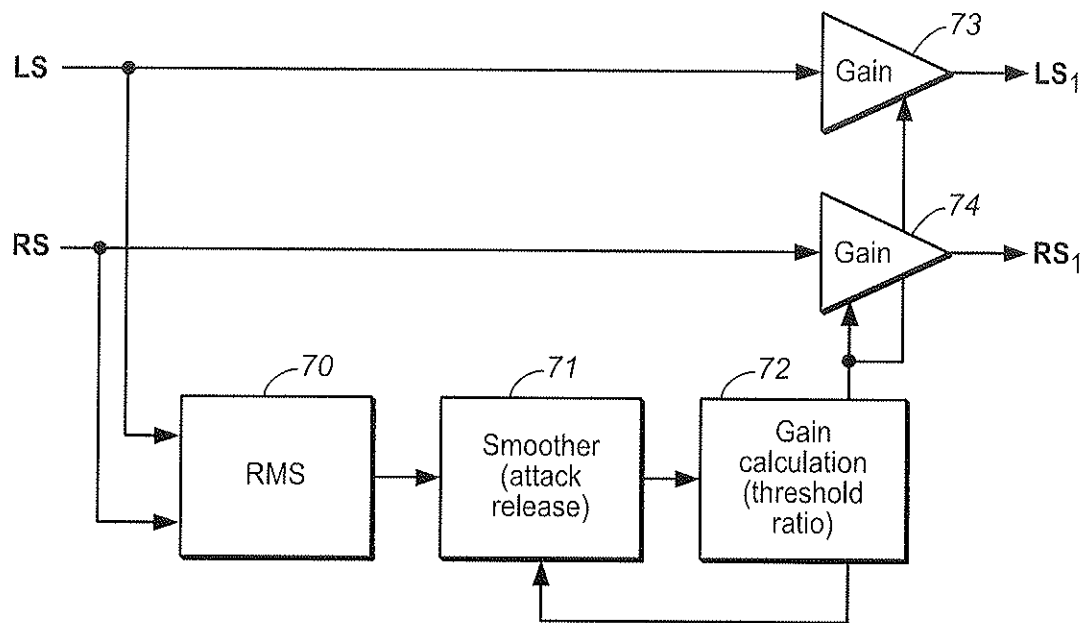
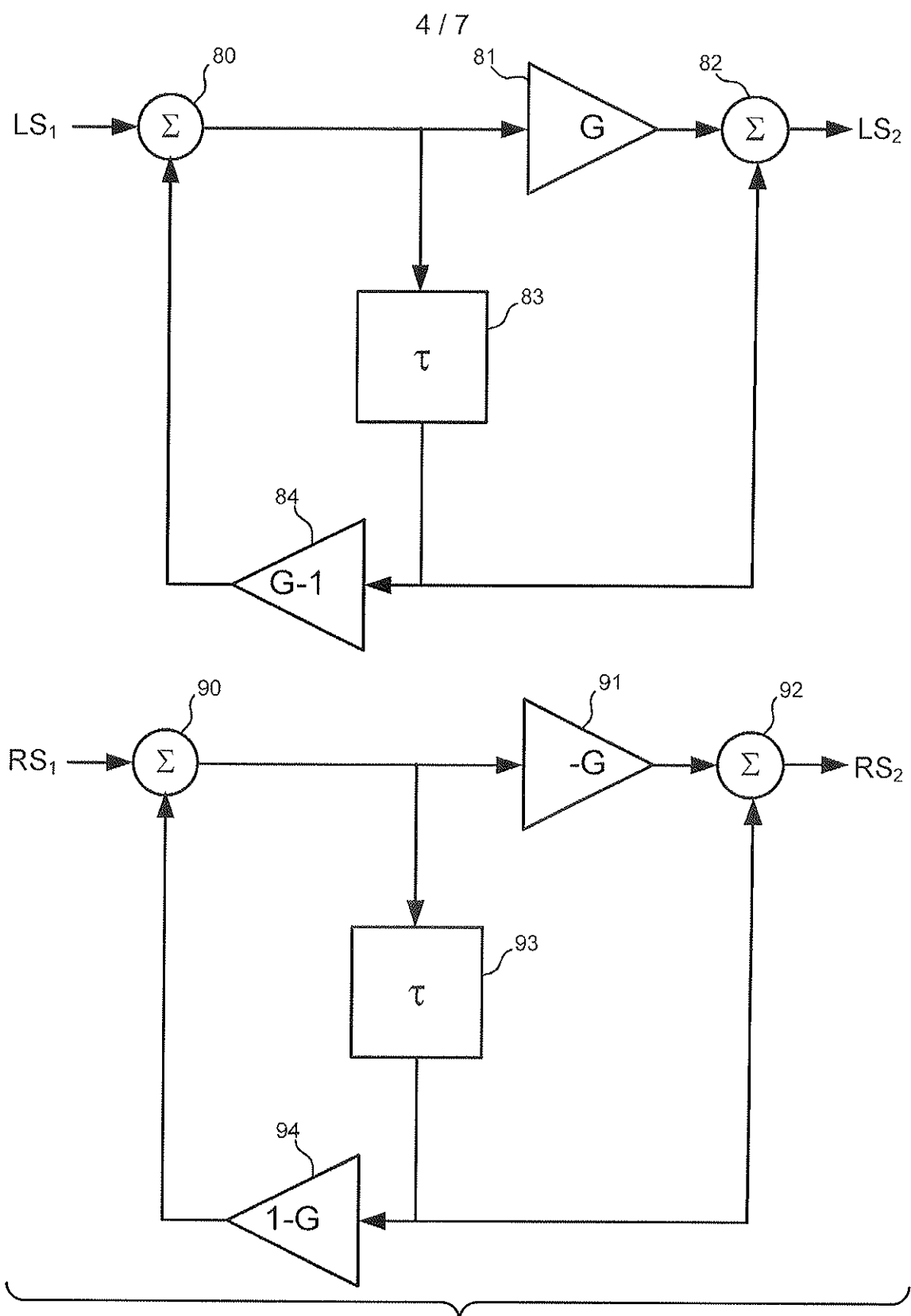


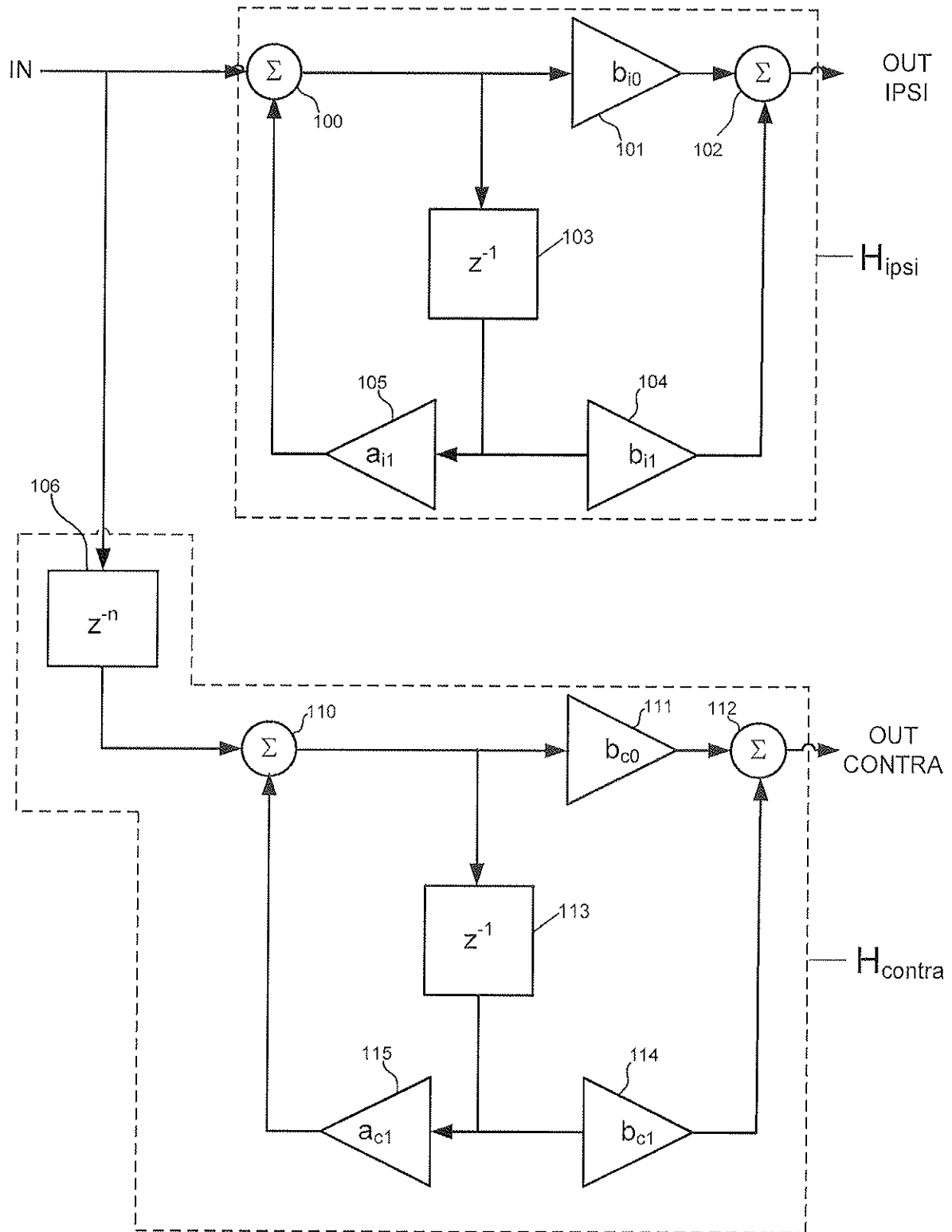
FIG. 2
(PRIOR ART)

FIG. 3



**FIG. 4**



**FIG. 6**

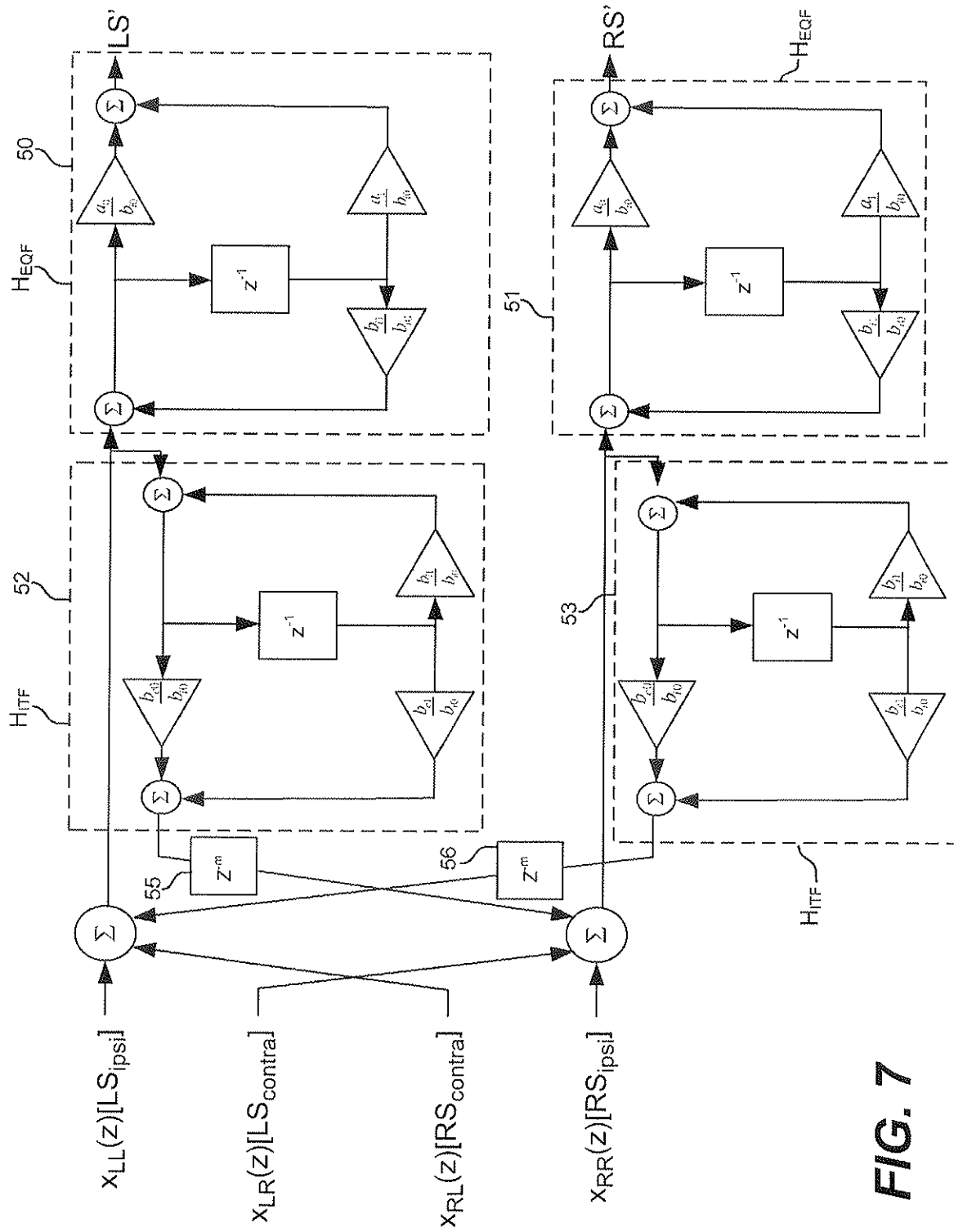
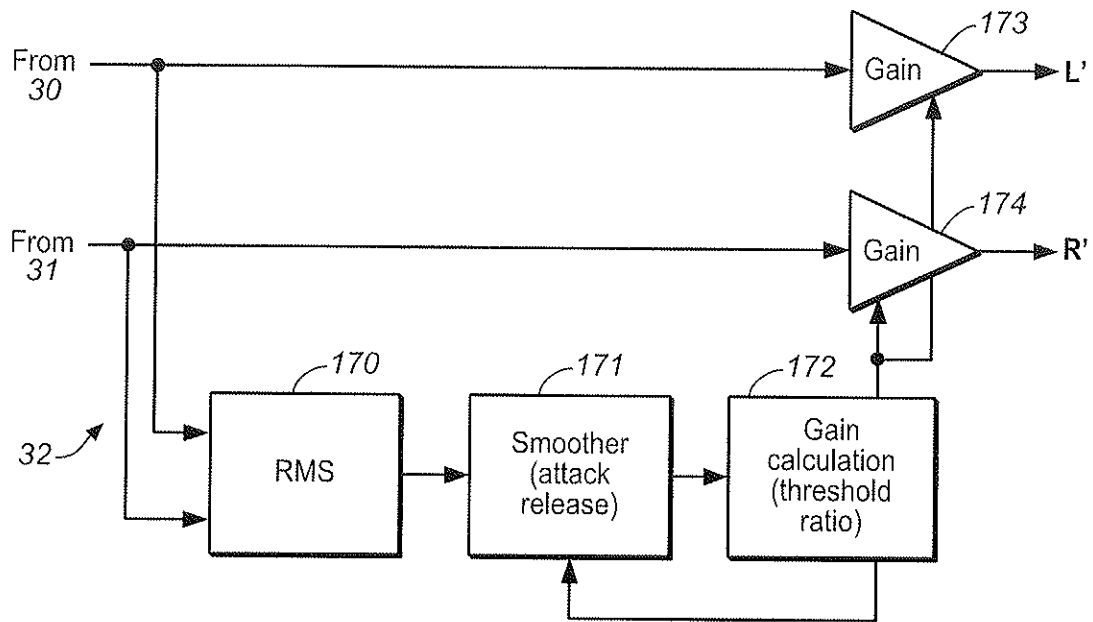
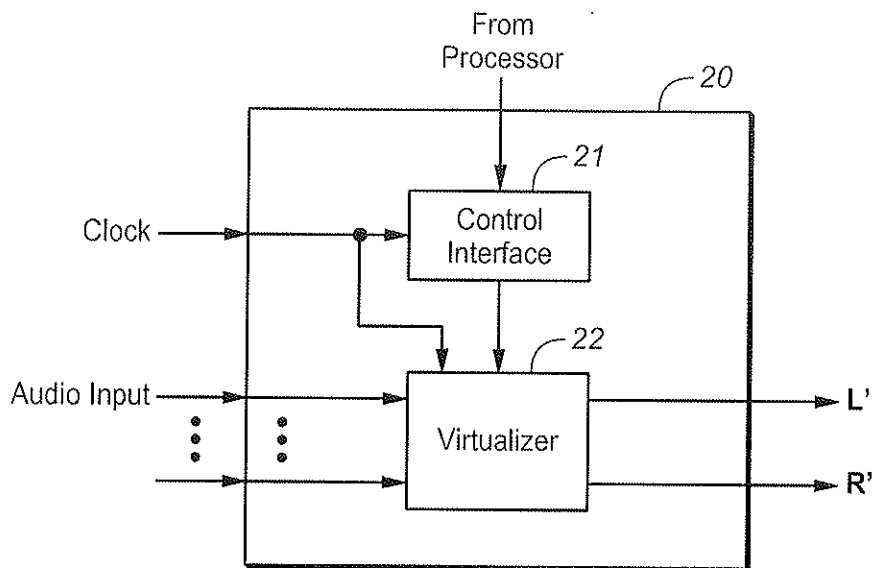


FIG. 7

**FIG. 8****FIG. 9**