

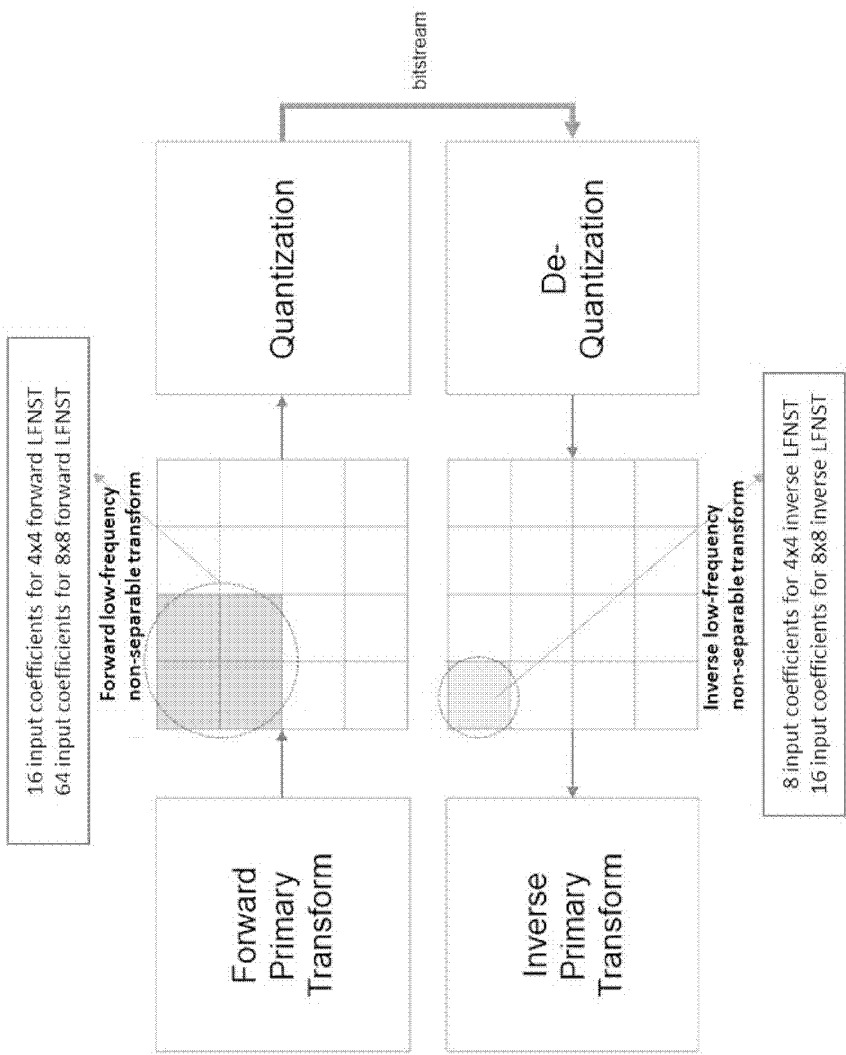


FIG. 1

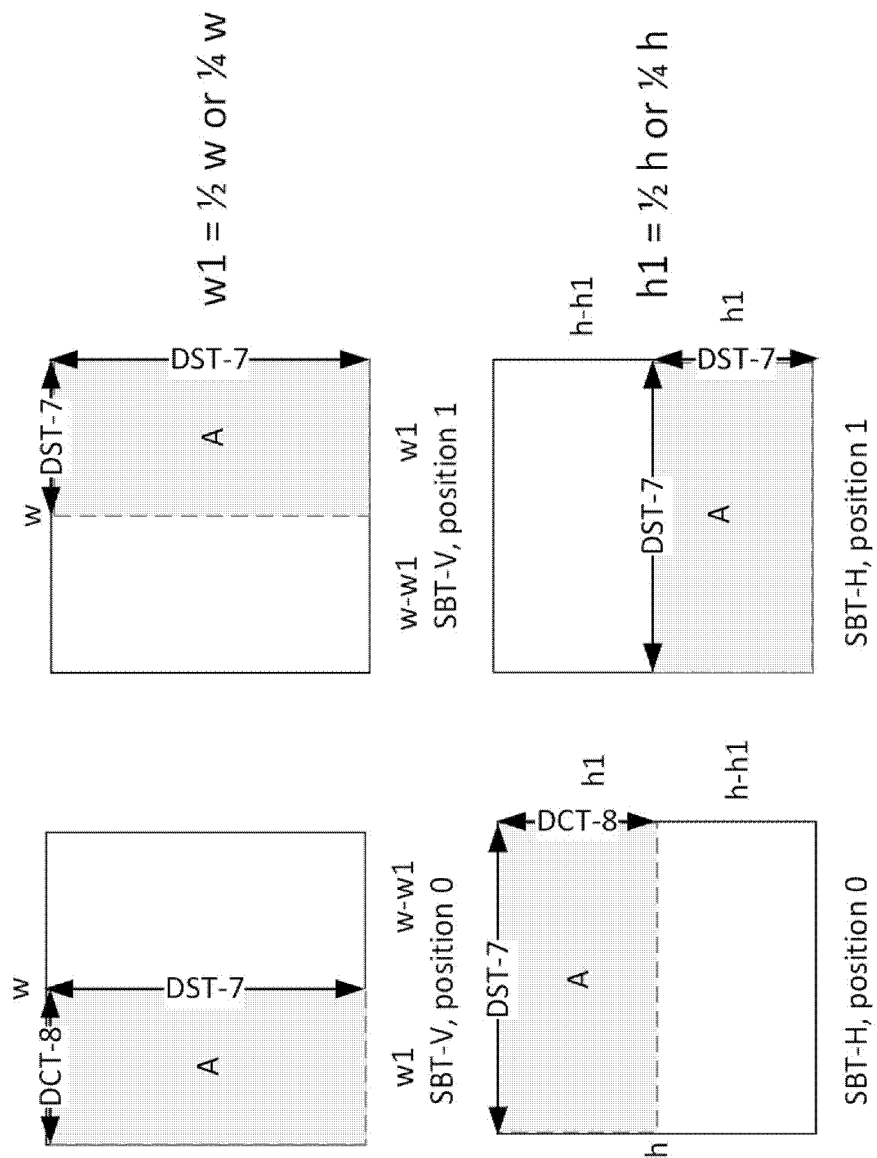


FIG. 2

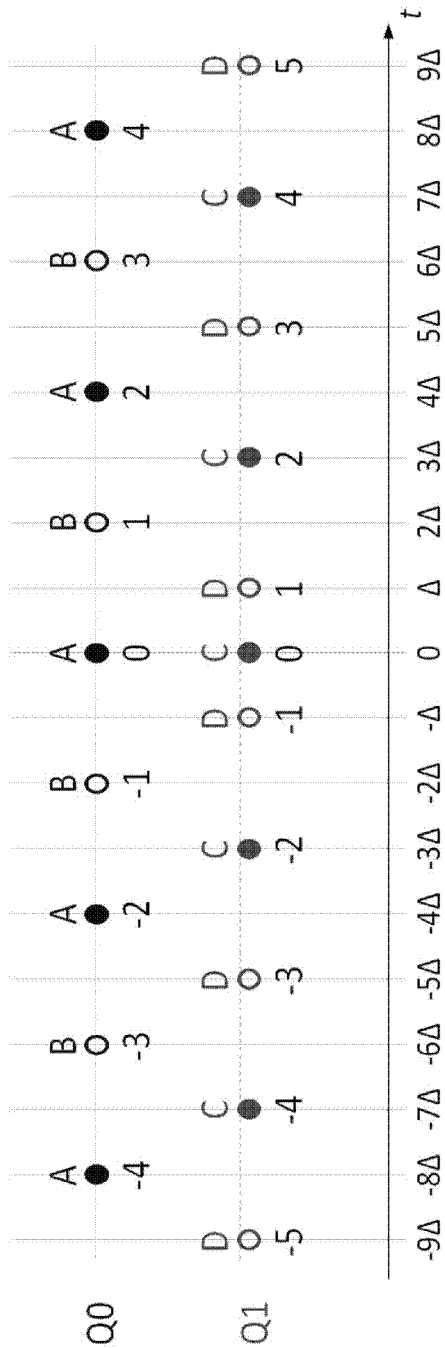
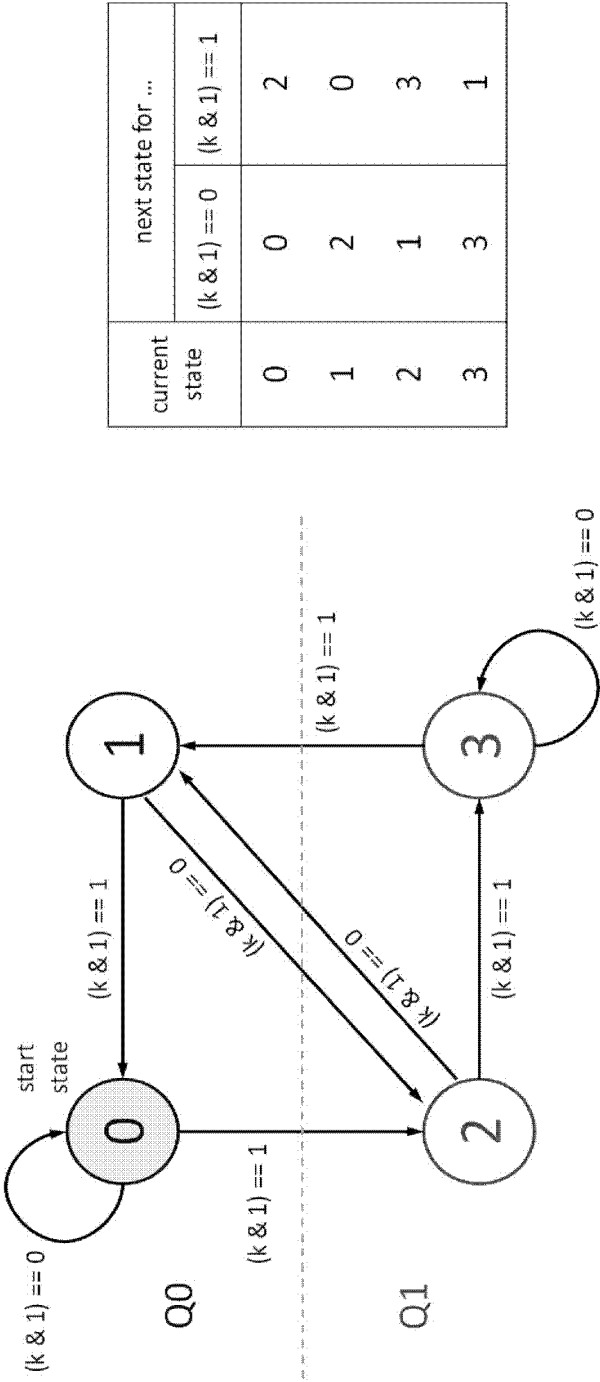


FIG. 3



current state	next state for ...	
	$(k \& 1) == 0$	$(k \& 1) == 1$
0	0	2
1	2	0
2	1	3
3	3	1

FIG. 4

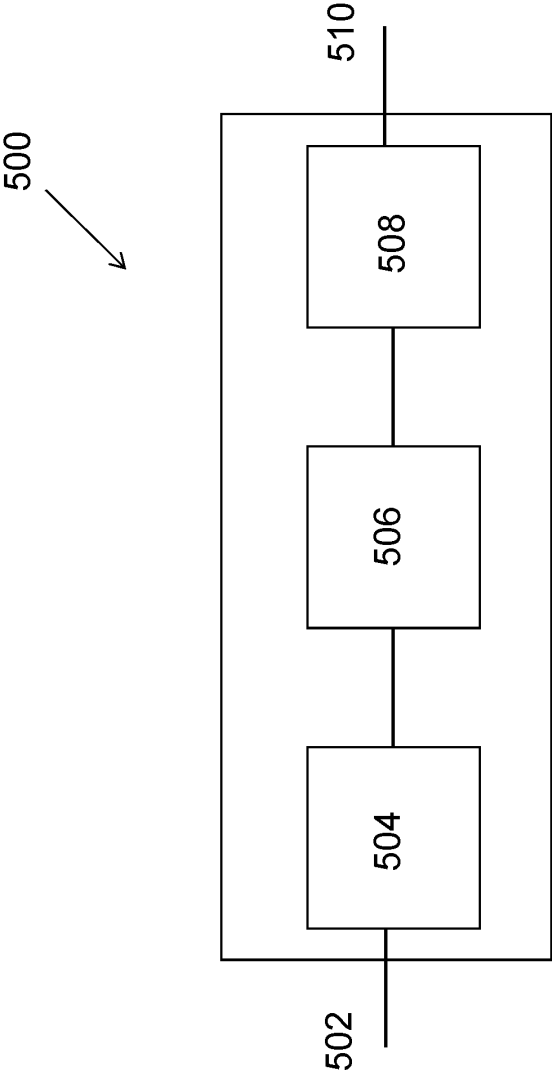


FIG. 5

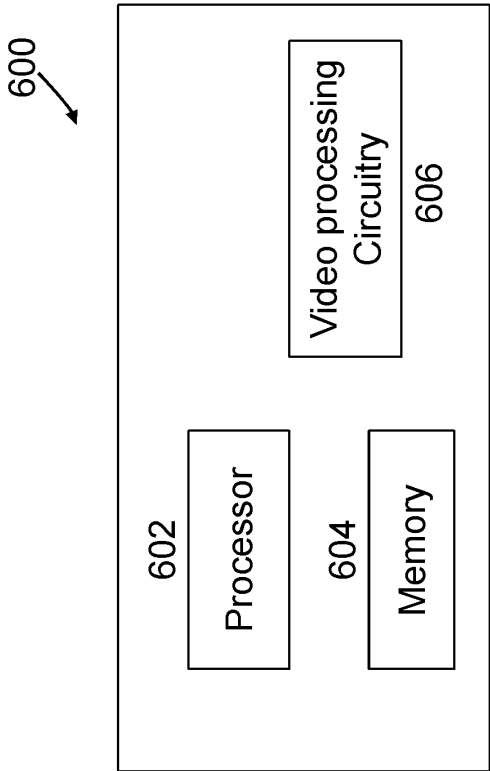


FIG. 6

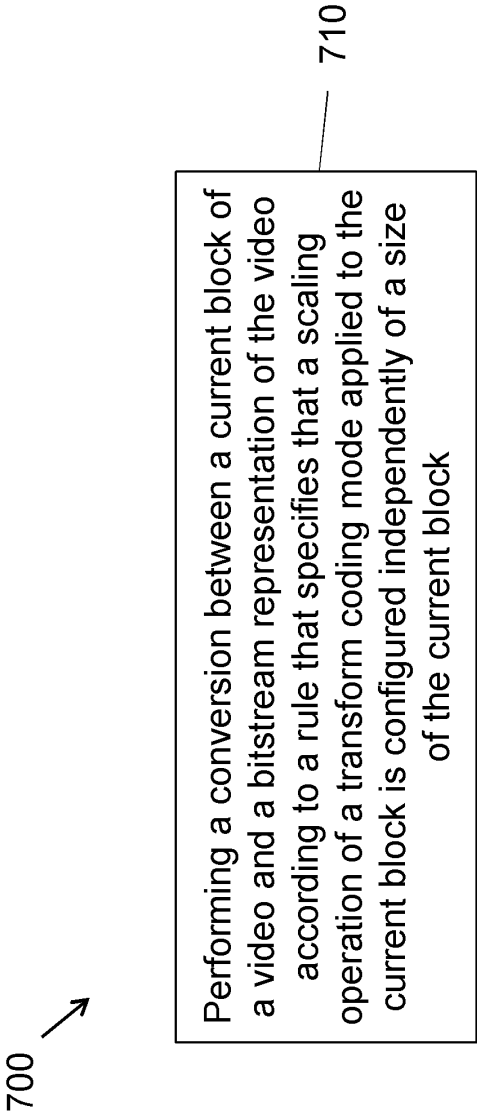


FIG. 7

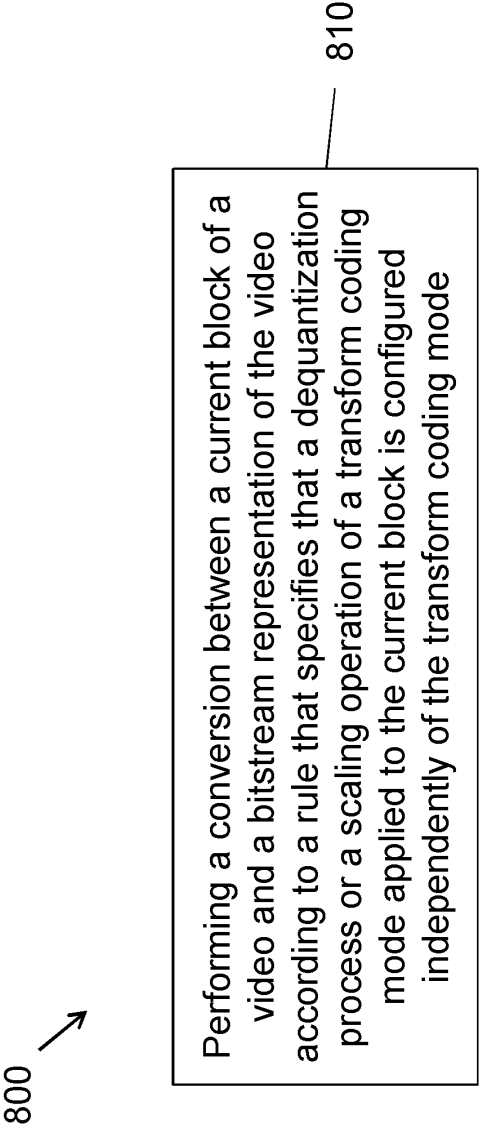


FIG. 8

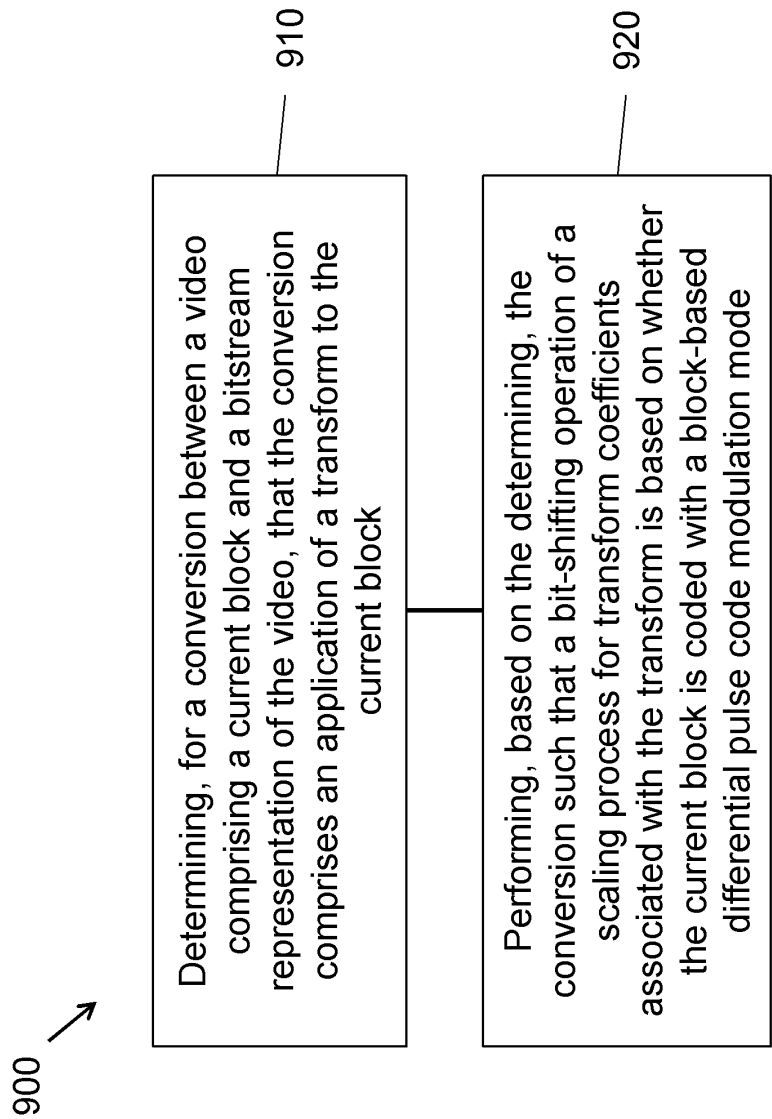


FIG. 9

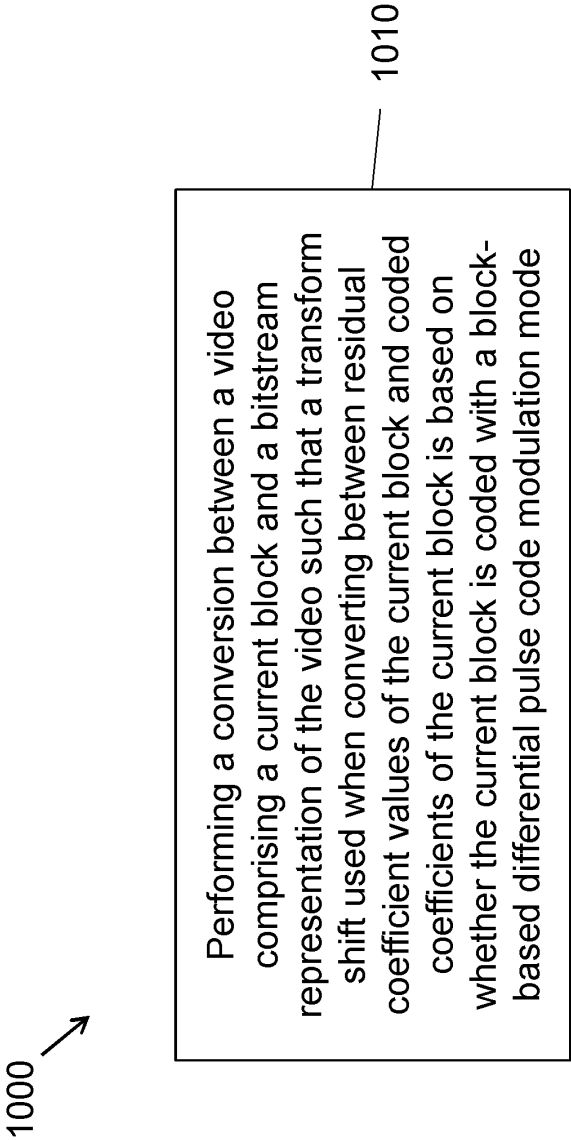


FIG. 10

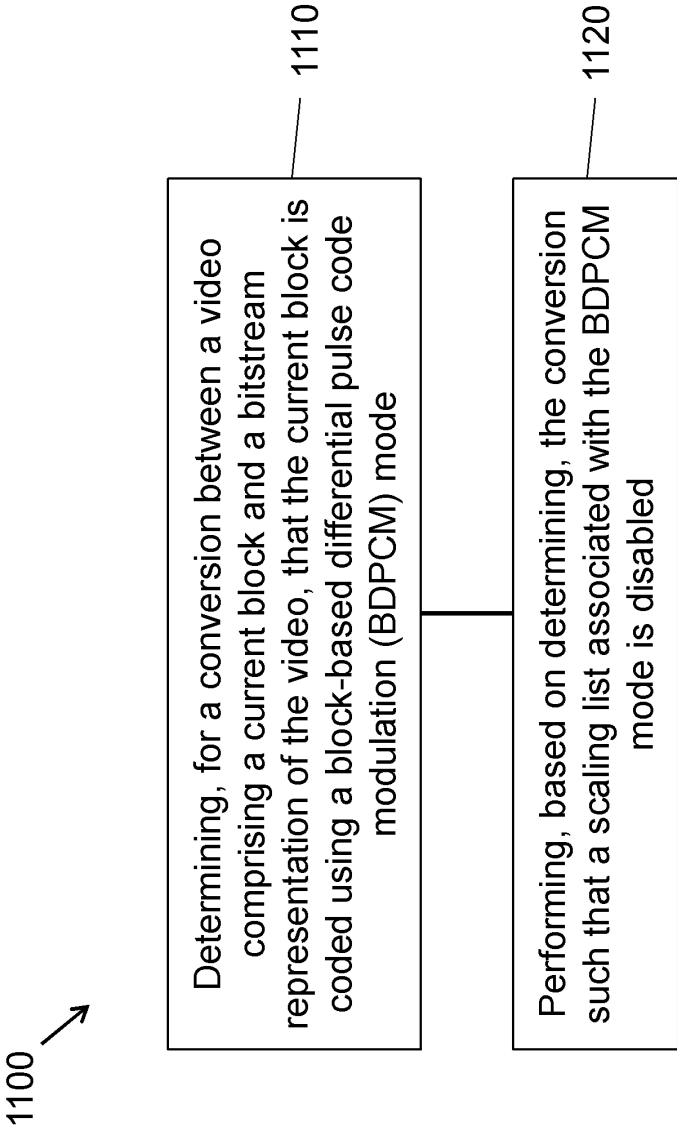


FIG. 11

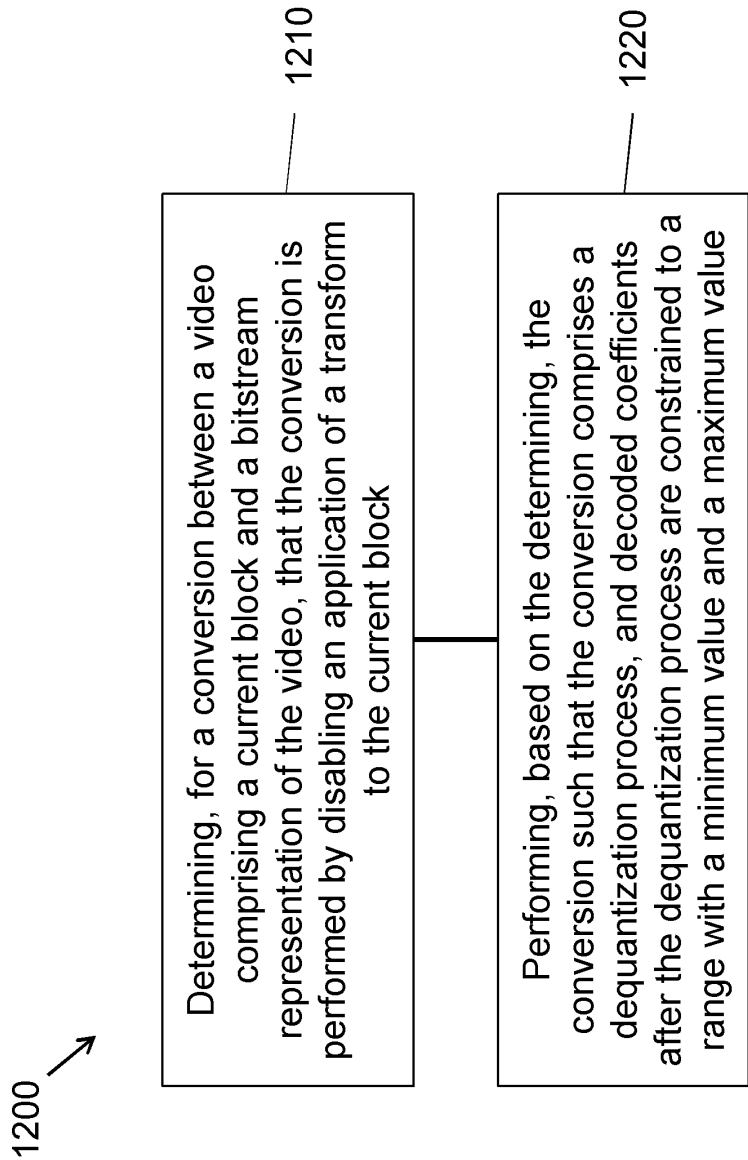


FIG. 12

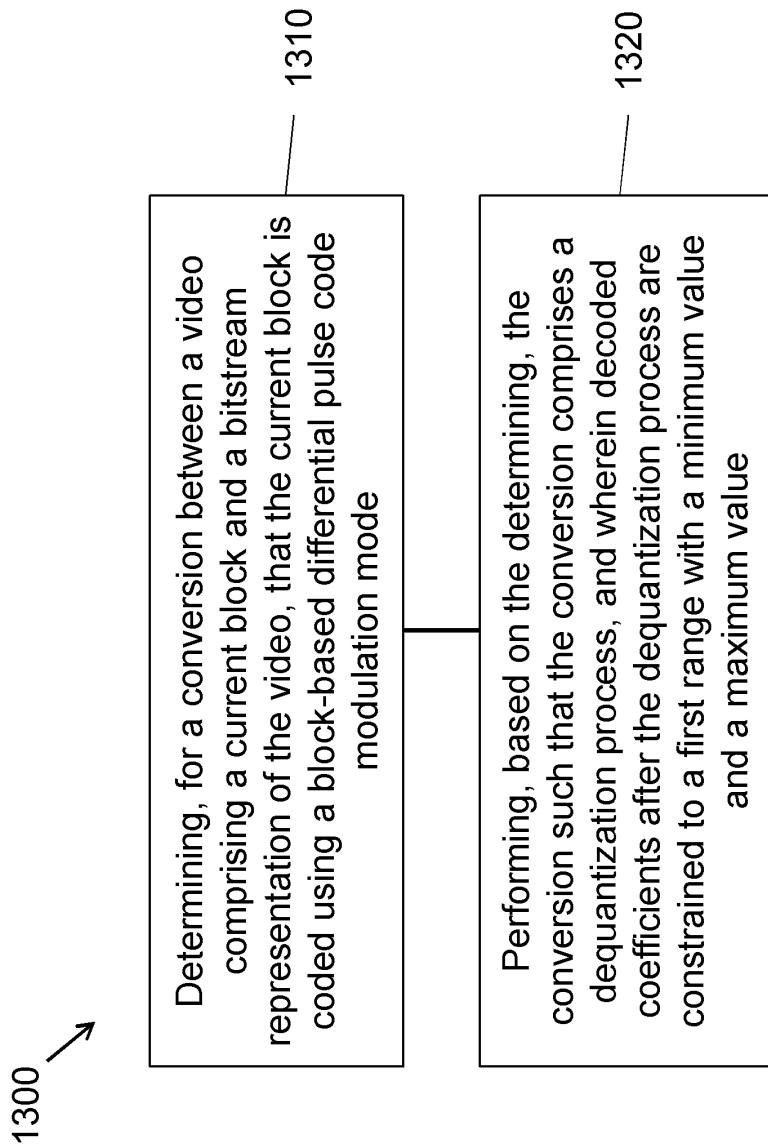


FIG. 13