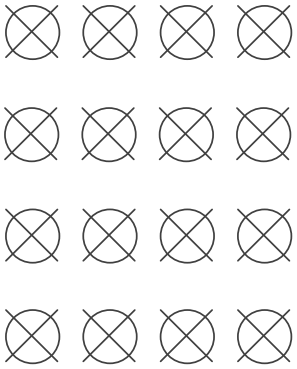

FIG. 1A

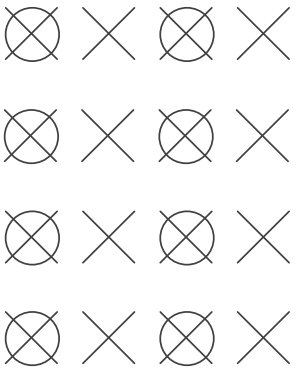

FIG. 1B

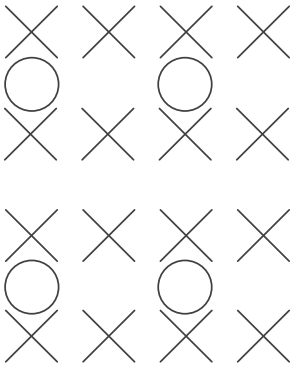

FIG. 1C

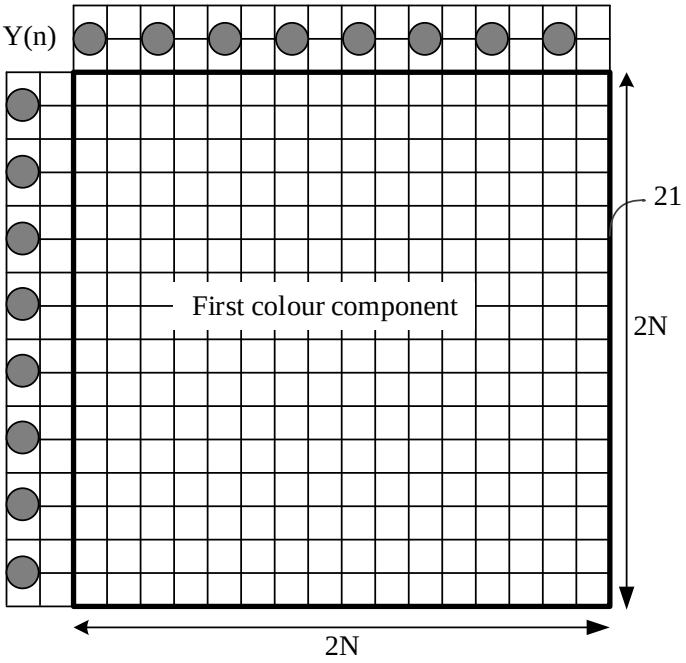

FIG. 2A

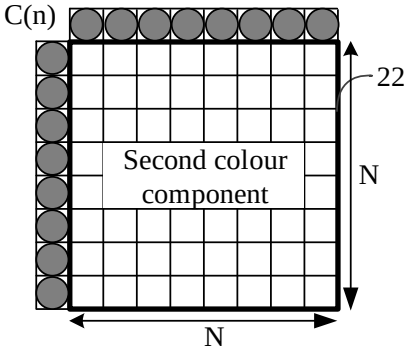

FIG. 2B

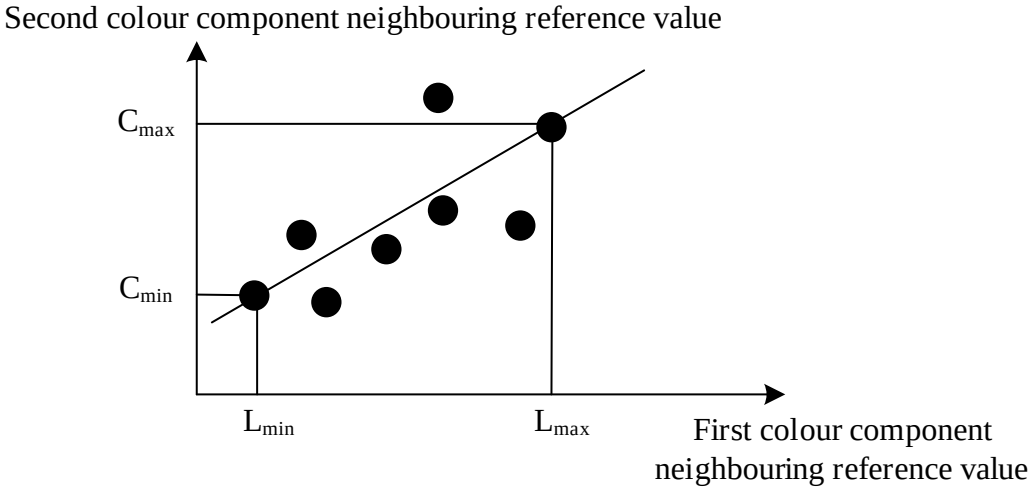

FIG. 3

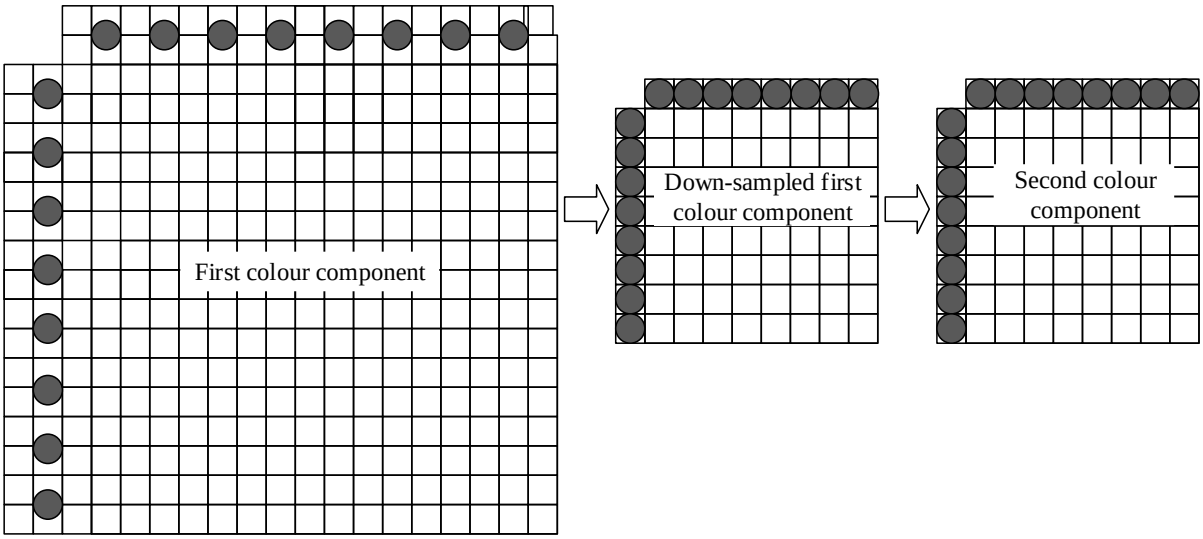

FIG. 4A

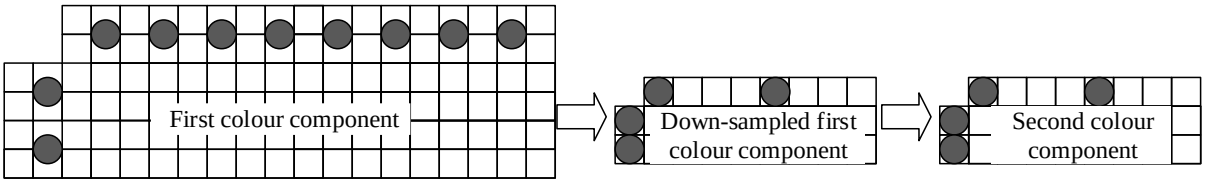

FIG. 4B

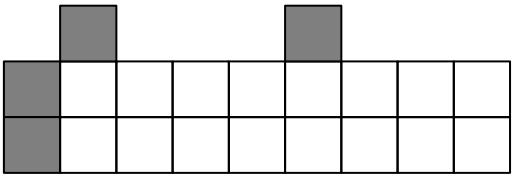

FIG. 5A

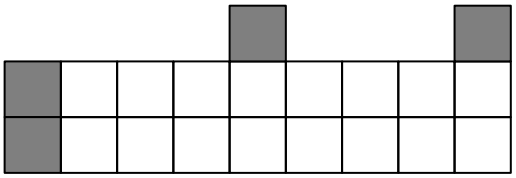

FIG. 5B

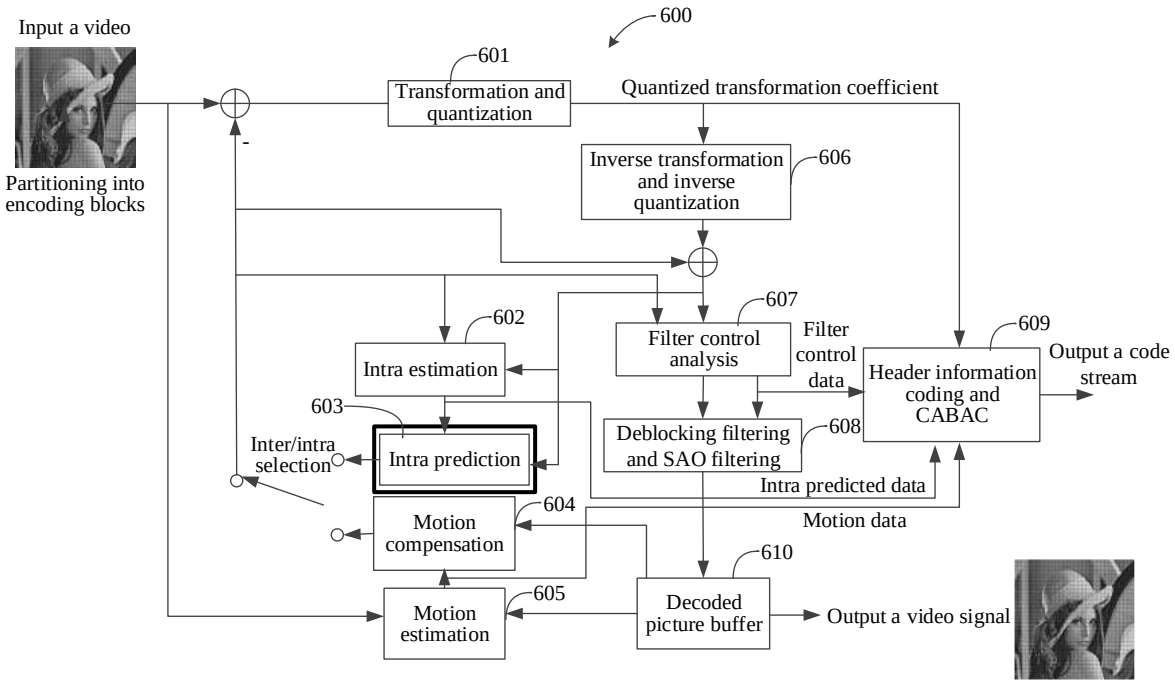
Input a video
Partitioning into encoding blocks
600
601
Transformation and quantization
Quantized transformation coefficient
Inverse transformation and inverse quantization
606
602
Intra estimation
607
Filter control analysis
Filter control data
609
Header information coding and CABAC
Output a code stream
603
Inter/intra selection
Intra prediction
Deblocking filtering and SAO filtering
608
Intra predicted data
Motion data
604
Motion compensation
610
605
Motion estimation
Decoded picture buffer
Output a video signal

FIG. 6

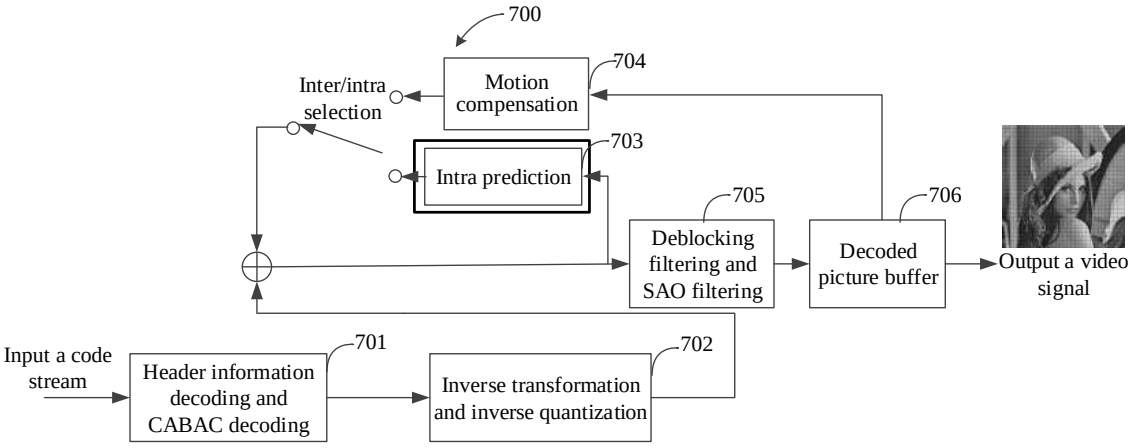
700
704
Motion compensation
Inter/intra selection
703
Intra prediction
705
706
Deblocking filtering and SAO filtering
Decoded picture buffer
Output a video signal
Input a code stream
701
Header information decoding and CABAC decoding
702
Inverse transformation and inverse quantization

FIG. 7

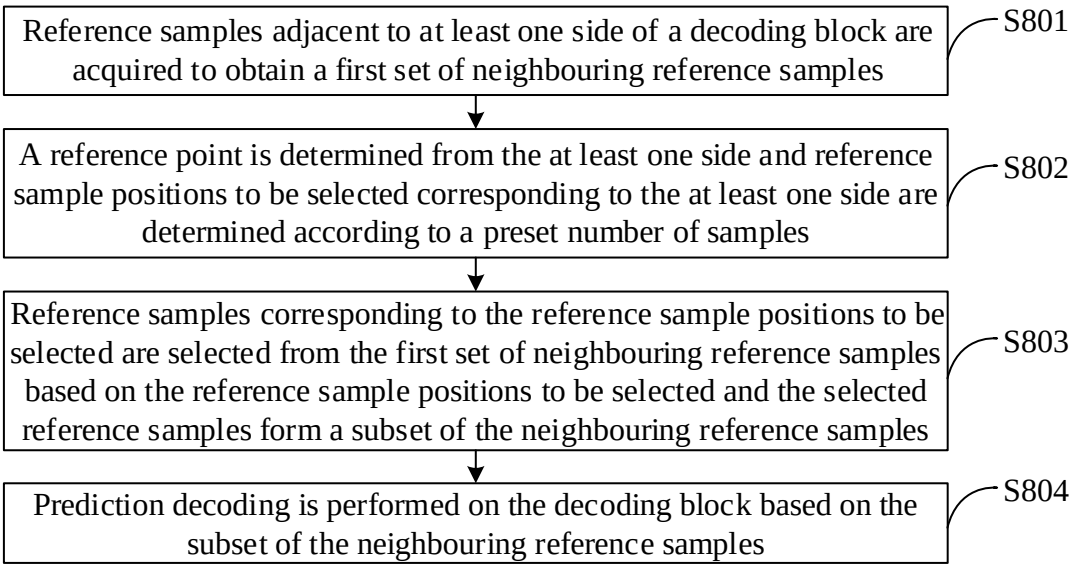

FIG. 8

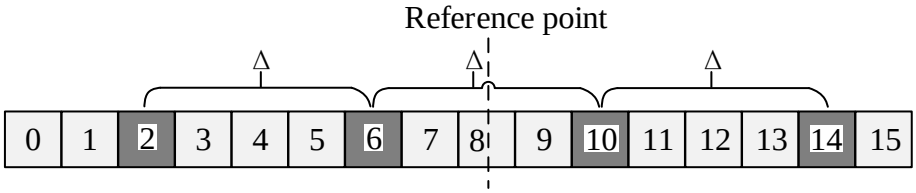

FIG. 9

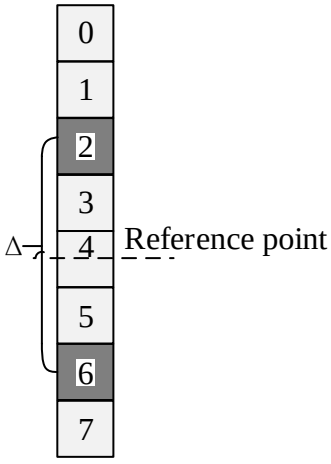

FIG. 10

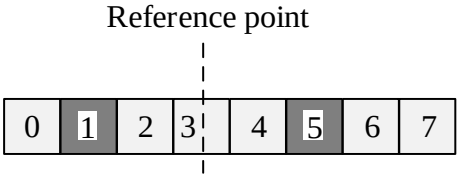

FIG. 11

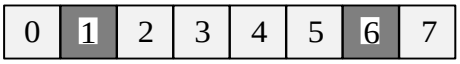

FIG. 12

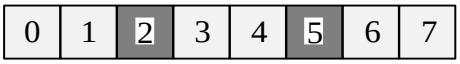

FIG. 13

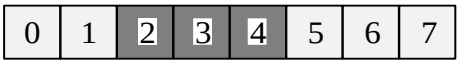

FIG. 14

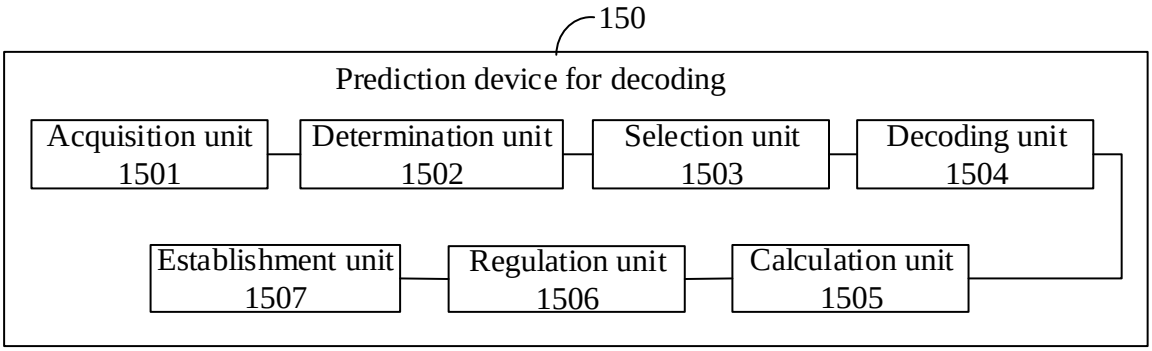

FIG. 15

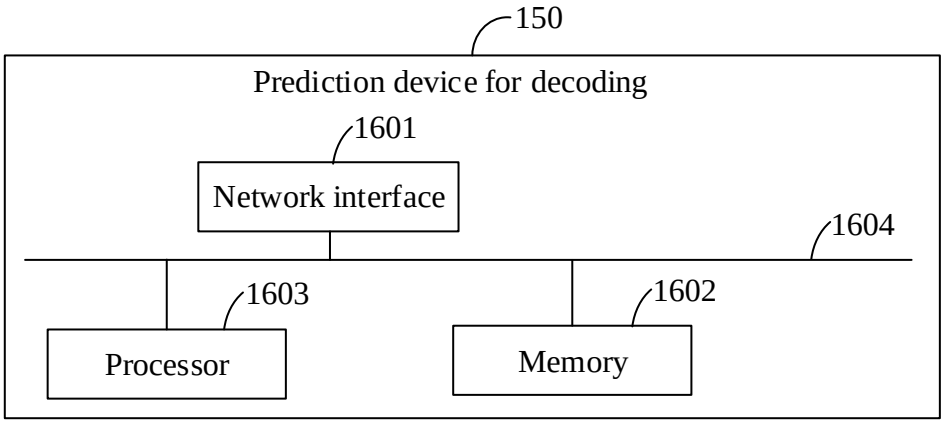

FIG. 16