

Fig. 1

POC	RPS
0	intra image - does not reference other images
8	-8
4	-4, 4
2	-2, 2, 6
6	-2, -4, -6, 2
1	-1, 1, 3, 5, 7
3	-1, -3, 1, 3, 5
5	-1, -5, 1, 3
7	-1, -3, 1
16	-8
12	-4, 4
10	-2, 2, 6
14	-2, -4, -6, 2
9	-1, 1, 3, 5, 7
11	-1, -3, 1, 3, 5
13	-1, -5, 1, 3
15	-1, -3, 1
24	-8

Fig. 2

RPS index	RPS
0	-8
1	-4, 4
2	-2, 2, 6
3	-2, -4, -6, 2
4	-1, 1, 3, 5, 7
5	-1, -3, 1, 3, 5
6	-1, -5, 1, 3
7	-1, -3, 1

Fig. 3

POC	RPS index
0	intra image - does not reference other images
8	0
4	1
2	2
6	3
1	4
3	5
5	6
7	7
16	0
12	1
10	2
14	3
9	4
11	5
13	6
15	7
24	0

Fig.4

```

short_term_ref_pic_set( idx ) {
    inter_ref_pic_set_prediction_flag
    if( inter_ref_pic_set_prediction_flag ) {
        delta_idx_minus1
        delta_rps_sign
        abs_delta_rps_minus1
        for( j = 0; j <= NumDeltaPocs[ RIdx ]; j++ ) {
            used_by_curr_pic_flag[ j ]
            if( !used_by_curr_pic_flag[ j ] )
                use_delta_flag[ j ]
        }
    }
    else {
        num_negative_pics
        num_positive_pics
        for( i = 0; i < num_negative_pics; i++ ) {
            delta_poc_s0_minus1[ i ]
            used_by_curr_pic_s0_flag[ i ]
        }
        for( i = 0; i < num_positive_pics; i++ ) {
            delta_poc_s1_minus1[ i ]
            used_by_curr_pic_s1_flag[ i ]
        }
    }
}

```

Fig. 5

Index	POC	RPS	GOP
0	1	-1	0
1	2	-1 -2	0
2	3	-1 -3	0
3	4	-1 -4	0
4	5	-1 -5	1
5	6	-1 -2 -6	1
6	7	-1 -3 -7	1
7	8	-1 -4 -8	1
8	9	-1 -5 -9	2
9	10	-1 -2 -6 -10	2
10	11	-1 -3 -7 -11	2
11	12	-1 -4 -8 -12	2
12	13	-1 -5 -9 -13	3
13	14	-1 -2 -6 -10	3
14	15	-1 -3 -7 -11	3
15	16	-1 -4 -8 -12	3

Fig. 6

index	POC	Reference	GOP
0	13	-1 -5 -9 -13	3
1	14	-1 -2 -6 -10	3
2	15	-1 -3 -7 -11	3
3	16	-1 -4 -8 -12	3
4	1	-1	0
5	2	-1 -2	0
6	3	-1 -3	0
7	4	-1 -4	0
8	5	-1 -5	1
9	6	-1 -2 -6	1
10	7	-1 -3 -7	1
11	8	-1 -4 -8	1
12	9	-1 -5 -9	2
13	10	-1 -2 -6 -10	2
14	11	-1 -3 -7 -11	2
15	12	-1 -4 -8 -12	2

Fig. 7

RPS index	POC	deltaPOC	RPS
0	8	-8	-8
1	4	4	-4, 4
2	2	3	-2, 2, 6
3	6	-4	-2, -4, -6, 2
4	1	5	-1, 1, 3, 5, 7
5	3	-2	-1, -3, 1, 3, 5
6	5	-2	-1, -5, 1, 3
7	7	-2	-1, -3, 1

Fig. 8

```

short_term_ref_pic_set( idx ) {
    inter_ref_pic_set_prediction_flag
    if( inter_ref_pic_set_prediction_flag ) {
        if( idx == num_short_term_ref_pic_sets )
            delta_idx_minus1
        delta_rps_sign
        abs_delta_rps_minus1
        for( j = 0; j <= NumDeltaPocs[ RIdx ]; j++ ) {
            if(used_by_curr_present_in_inter_rps_flag ) {
                used_by_curr_pic_flag[ j ]
                if( !used_by_curr_pic_flag[ j ] )
                    use_delta_flag[ j ]
            }
            else
                use_delta_flag[ j ]
        }
    }
    else {
        num_negative_pics
        num_positive_pics
        for( i = 0; i < num_negative_pics; i++ ) {
            delta_poc_s0_minus1[ i ]
            used_by_curr_pic_s0_flag[ i ]
        }
        for( i = 0; i < num_positive_pics; i++ ) {
            delta_poc_s1_minus1[ i ]
            used_by_curr_pic_s1_flag[ i ]
        }
    }
}

```

Fig. 9

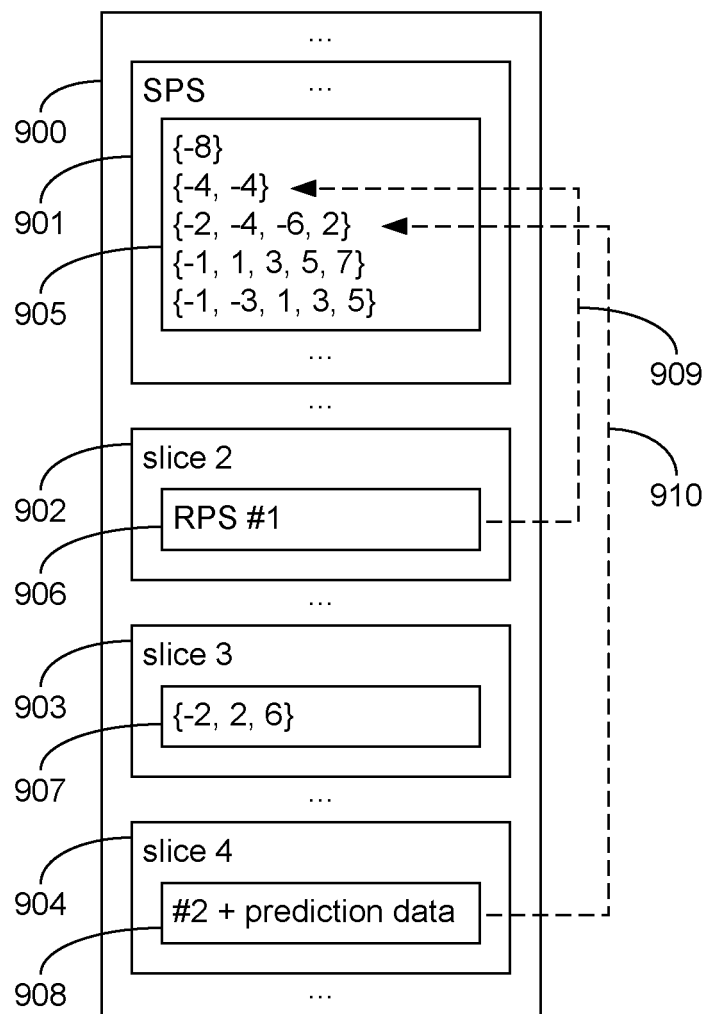


Fig. 12

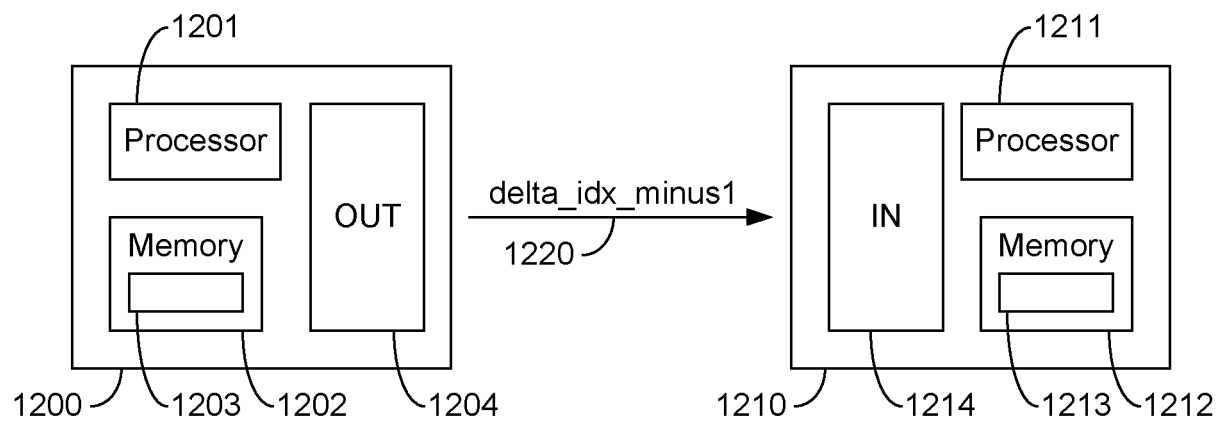


Fig. 10

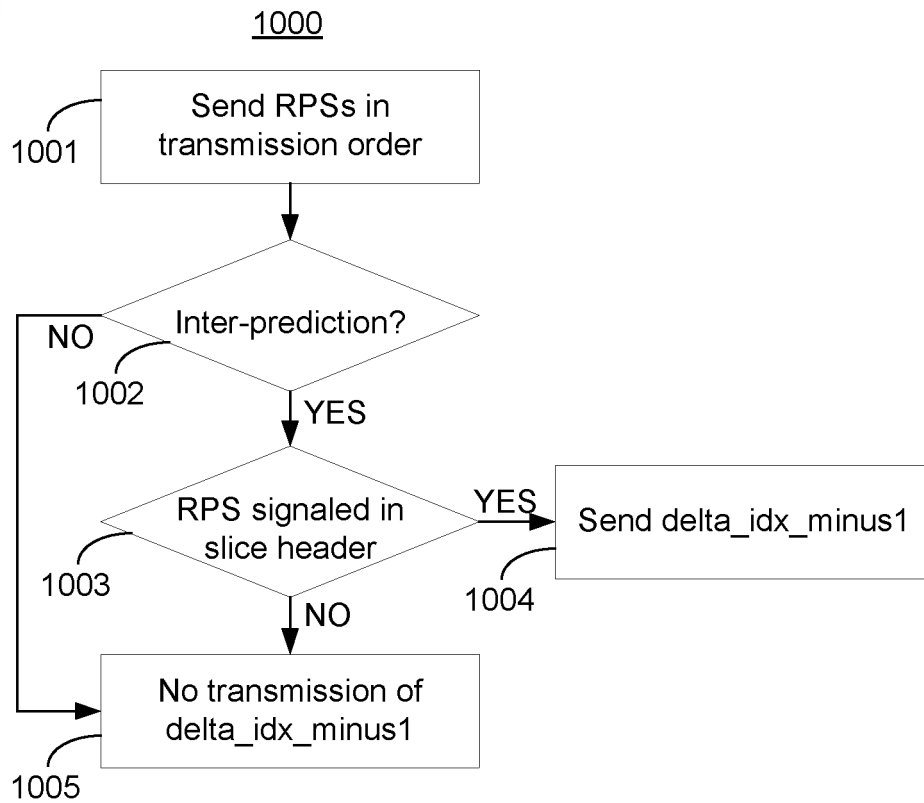


Fig. 11

