

FIG. 1

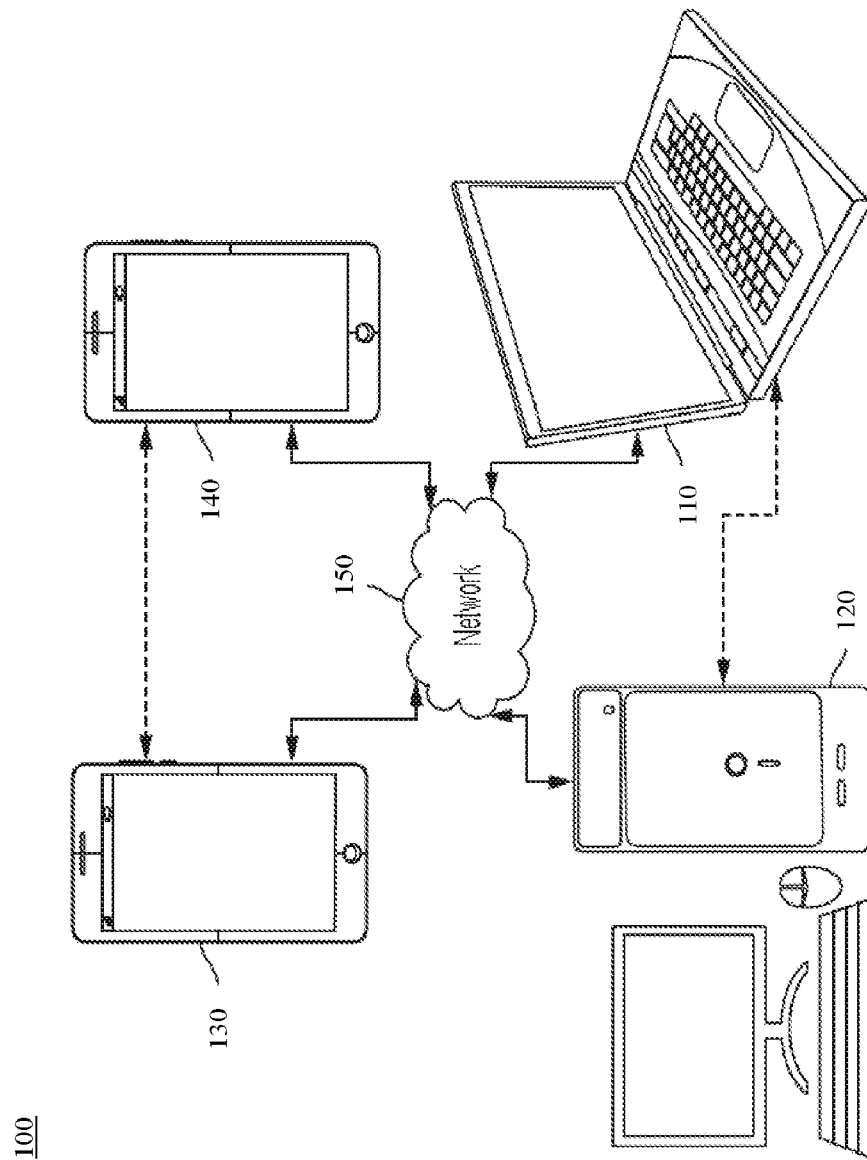


FIG. 2

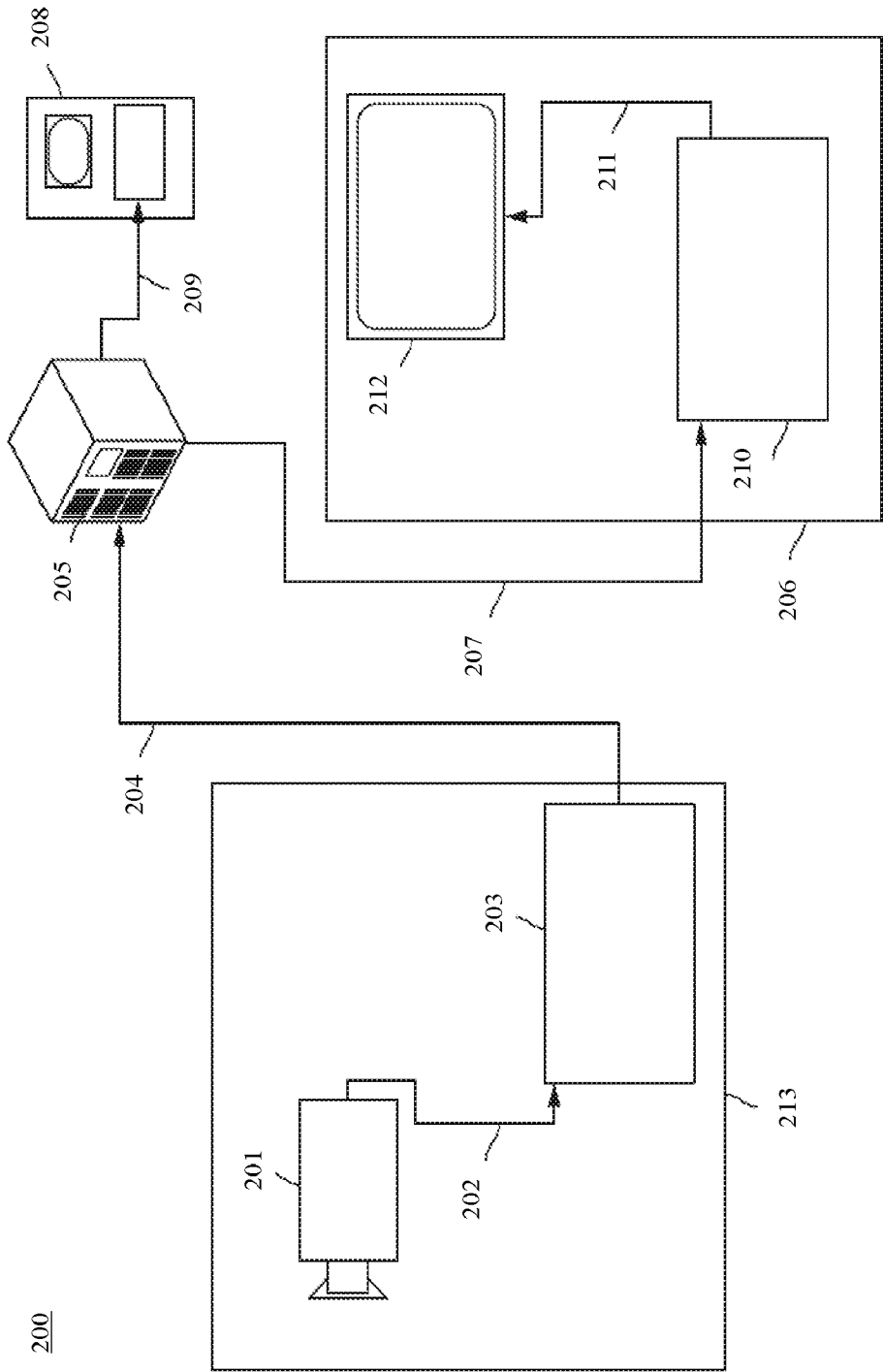


FIG. 3

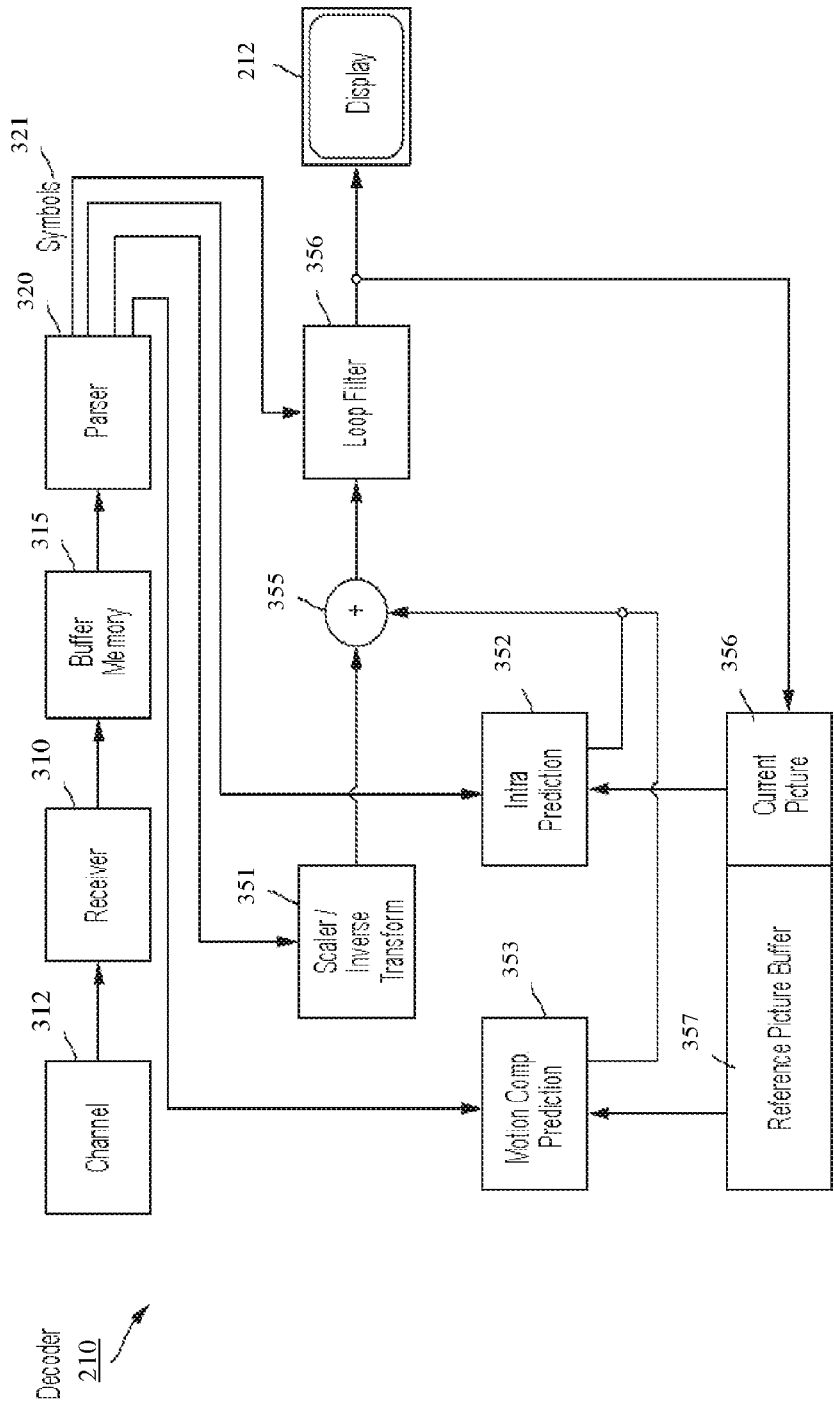


FIG. 4

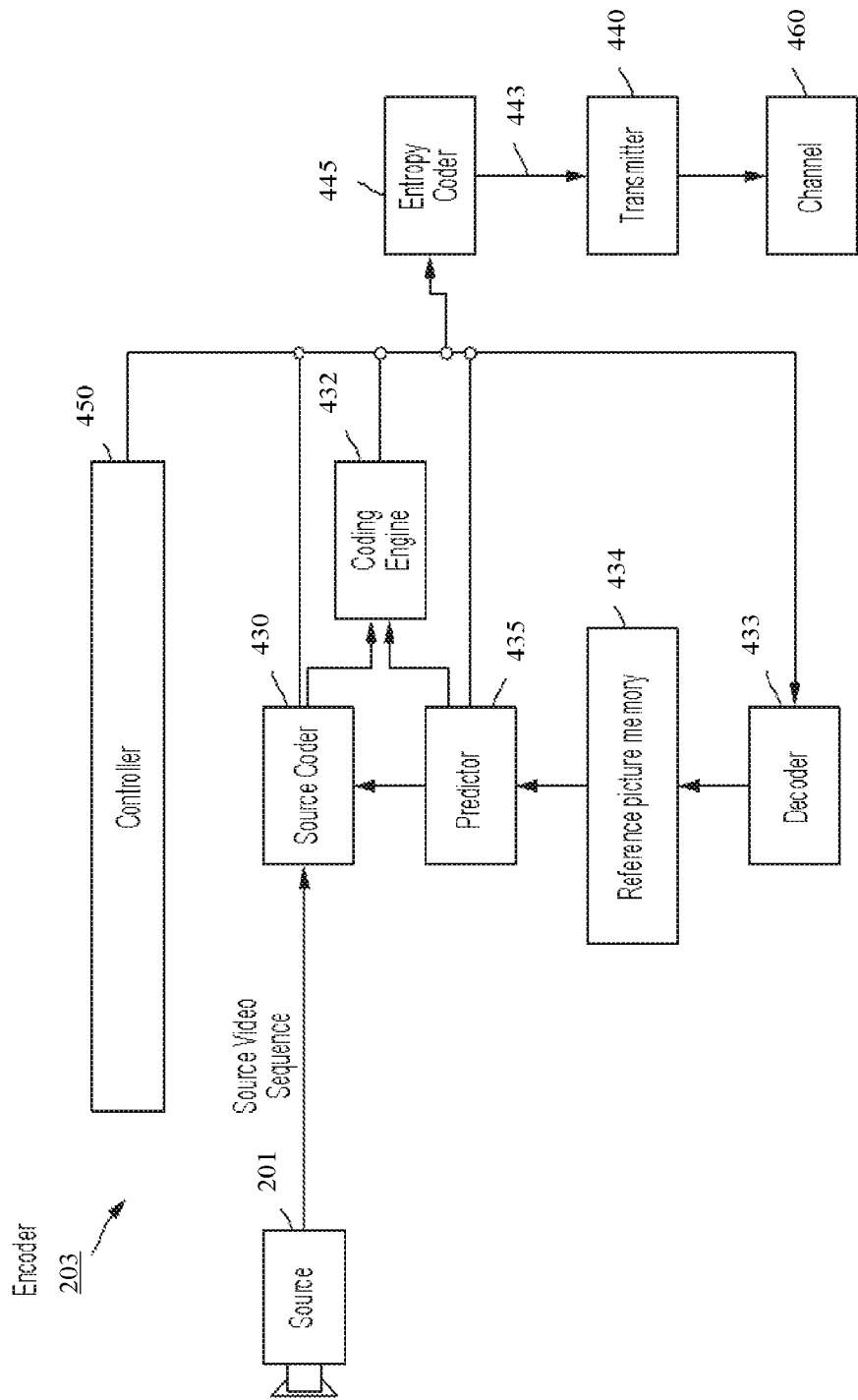


FIG. 5A
(related art)

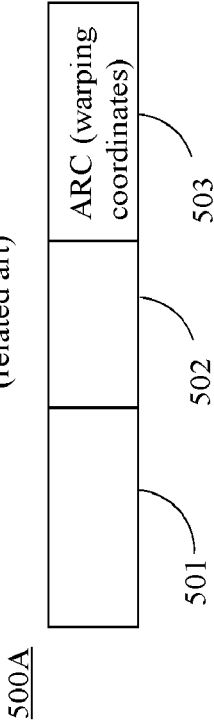


FIG. 5B
(related art)

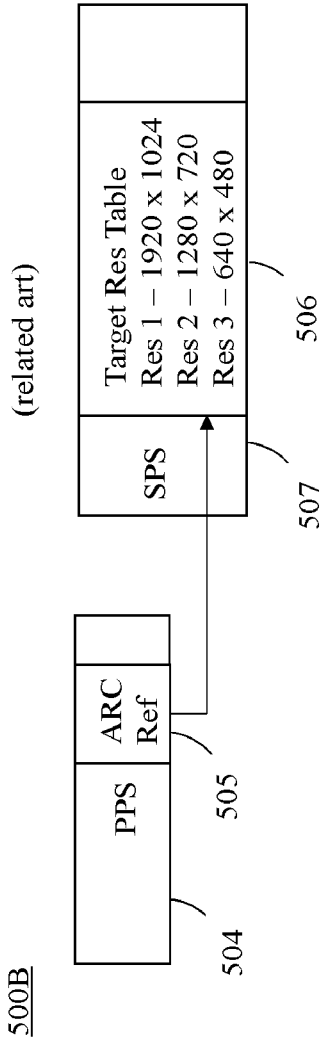


FIG. 5C

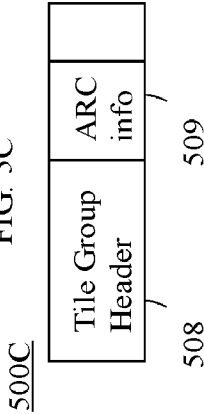


FIG. 5D

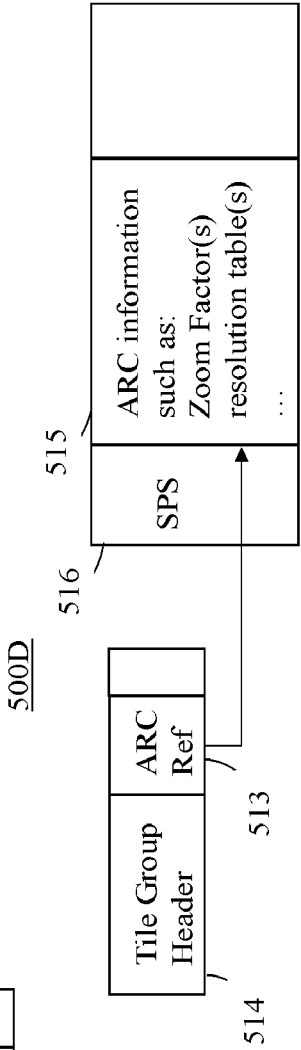


FIG. 5E

500E

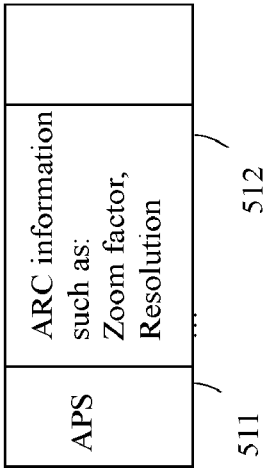


FIG. 6

600

tile_group_header(){	
...	
if(adaptive_pic_resolution_change_flag){	
dec_pic_size_idx	u(1)
}	
...	
}	

seq_parameter_set_rbsp() {	Descriptor
...	
adaptive_pic_resolution_change_flag	u(1)
if(adaptive_pic_resolution_change_flag) {	
output_pic_width_in_luma_samples	ue(v)
output_pic_height_in_luma_samples	ue(v)
reference_pic_size_present_flag	u(1)
if(reference_pic_size_present_flag)	
{	
reference_pic_width_in_luma_samples	ue(v)
reference_pic_height_in_luma_samples	ue(v)
}	
num_dec_pic_size_in_luma_samples_minus1	ue(v)
for(i = 0; i <= num_dec_pic_size_in_luma_samples_minus1; i++){	
dec_pic_width_in_luma_samples[i]	ue(v)
dec_pic_height_in_luma_samples[i]	ue(v)
}	
}	
...	
}	

613

614

615

FIG. 7

700	video_parameter_set_rbsp() {	Descriptor
701	vps_video_parameter_set_id	u(4)
703	vps_max_layers_minus1	u(6)
704	if (vps_max_layers_minus1 > 0)	
	vps_all_independent_layers_flag	u(1)
	for(i = 0; i <= vps_max_layers_minus1; i++) {	
	vps_layer_id[i]	u(6)
	if(i > 0 && !vps_all_independent_layers_flag) {	
706	vps_independent_layer_flag[i]	u(1)
	if(!vps_independent_layer_flag[i])	
	for (i = 0; j < i; j++)	
707	vps_direct_dependency_flag[i][j]	u(1)
	}	
	}	
708	if (vps_max_layers_minus1 > 0 && !vps_all_independent_layers_flag) {	
	vps_output_layers_mode	u(2)
	if (vps_output_layers_mode == 2)	
	for (i = 0; i < vps_max_layers_minus1; i++)	
709	vps_output_layer_flag[i]	u(1)
	}	
	vps_constraint_info_present_flag	u(1)
	vps_reserved_zero_7bits	u(7)
	if (vps_constraint_info_present_flag)	
	general_constraint_info()	
	vps_extension_flag	u(1)
	if(vps_extension_flag)	
	while(more_rbsp_data())	
	vps_extension_data_flag	u(1)
	rbsp_trailing_bits()	
	}	

FIG. 8

800

seq_parameter_set_rbsp() {	Descriptor
...	
inter_layer_ref_pics_present_flag	u(1)
...	
}	

FIG. 9

900

ref_pic_list_struct(listIdx, rplIdx) {		
num_ref_entries [listIdx][rplIdx]		ue(v)
if(long_term_ref_pics_flag)		
ltrp_in_slice_header_flag [listIdx][rplIdx]		u(1)
for(i = 0, j = 0; i < num_ref_entries [listIdx][rplIdx]; i++)		
if(inter_layer_ref_pics_present_flag)		
inter_layer_ref_pic_flag [listIdx][rplIdx][i]		
if(!inter_layer_ref_pics_flag [listIdx][rplIdx][i]) {		
if(long_term_ref_pics_flag)		
st_ref_pic_flag [listIdx][rplIdx][i]		u(1)
if(st_ref_pic_flag [listIdx][rplIdx][i]) {		
abs_delta_poc_st [listIdx][rplIdx][i]		ue(v)
if (AbsDeltaPocSt [listIdx][rplIdx][i] > 0)		
strp_entry_sign_flag [listIdx][rplIdx][i]		u(i)
} else if(!ltrp_in_slice_header_flag [listIdx][rplIdx])		
rpls_poc_lsb_lt [listIdx][rplIdx][j++]		u(v)
} else		
ilrp_idx [listIdx][rplIdx][i]		ue(v)
}		
}		

FIG. 10

