

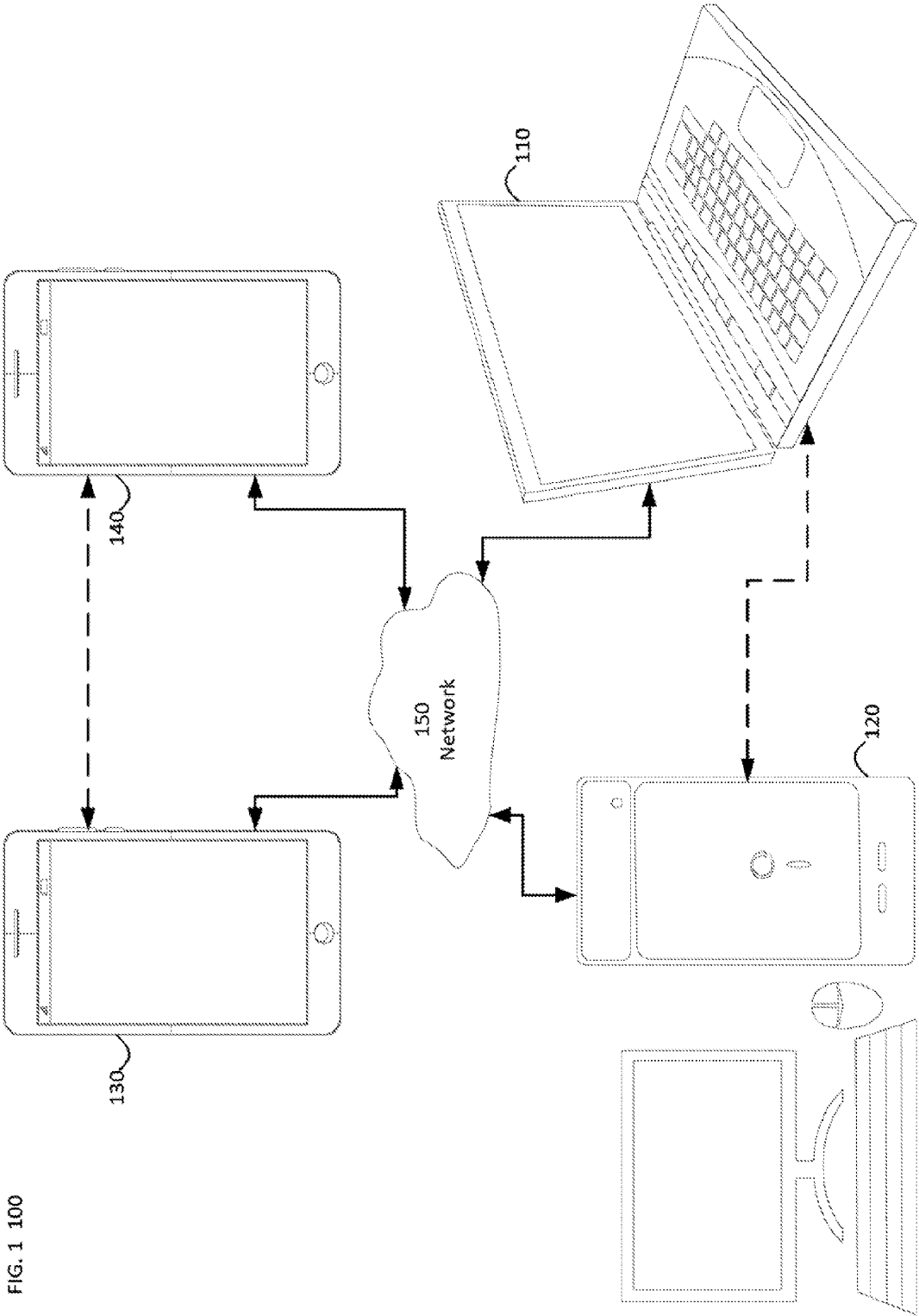


FIG. 1 100

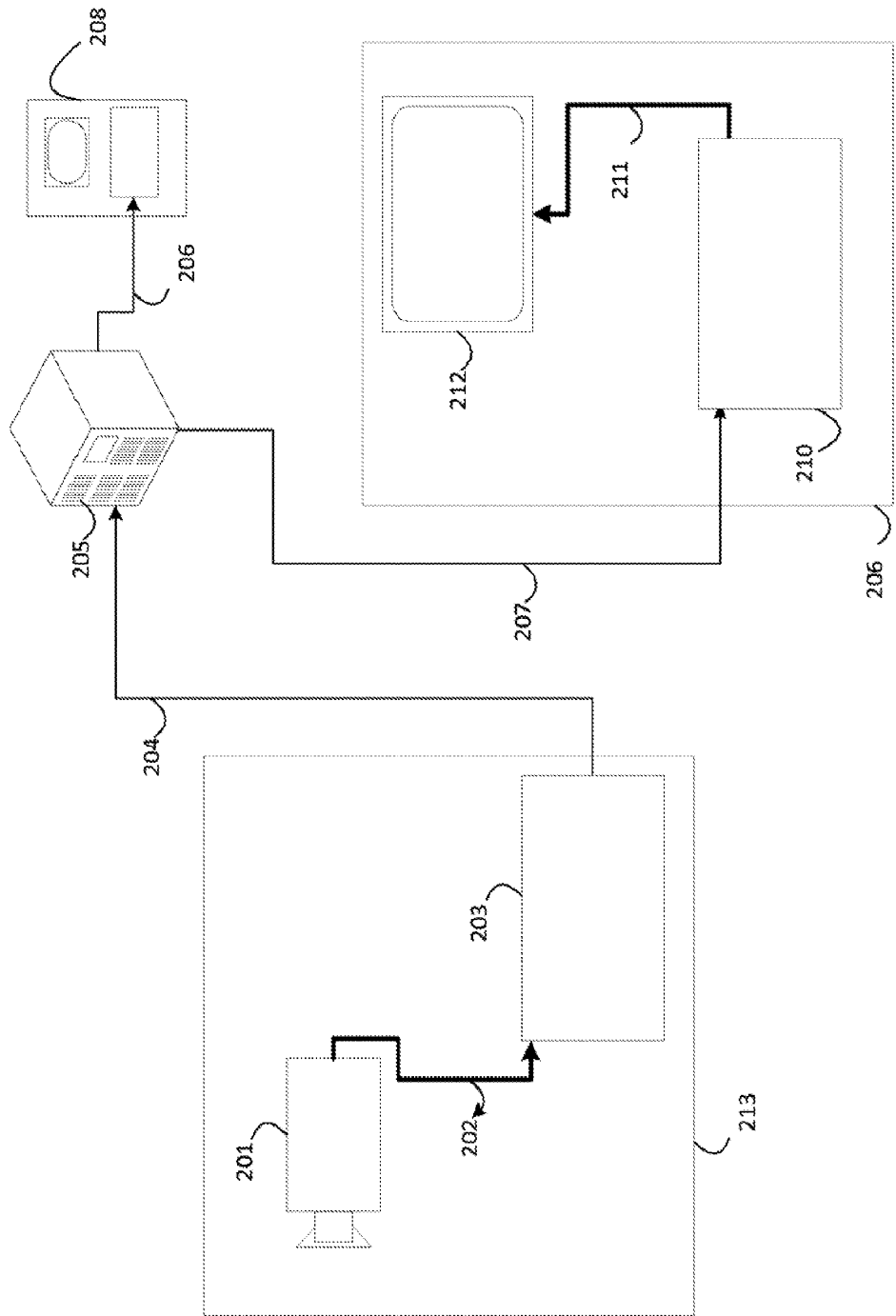


FIG. 2

FIG. 3 Decoder 210

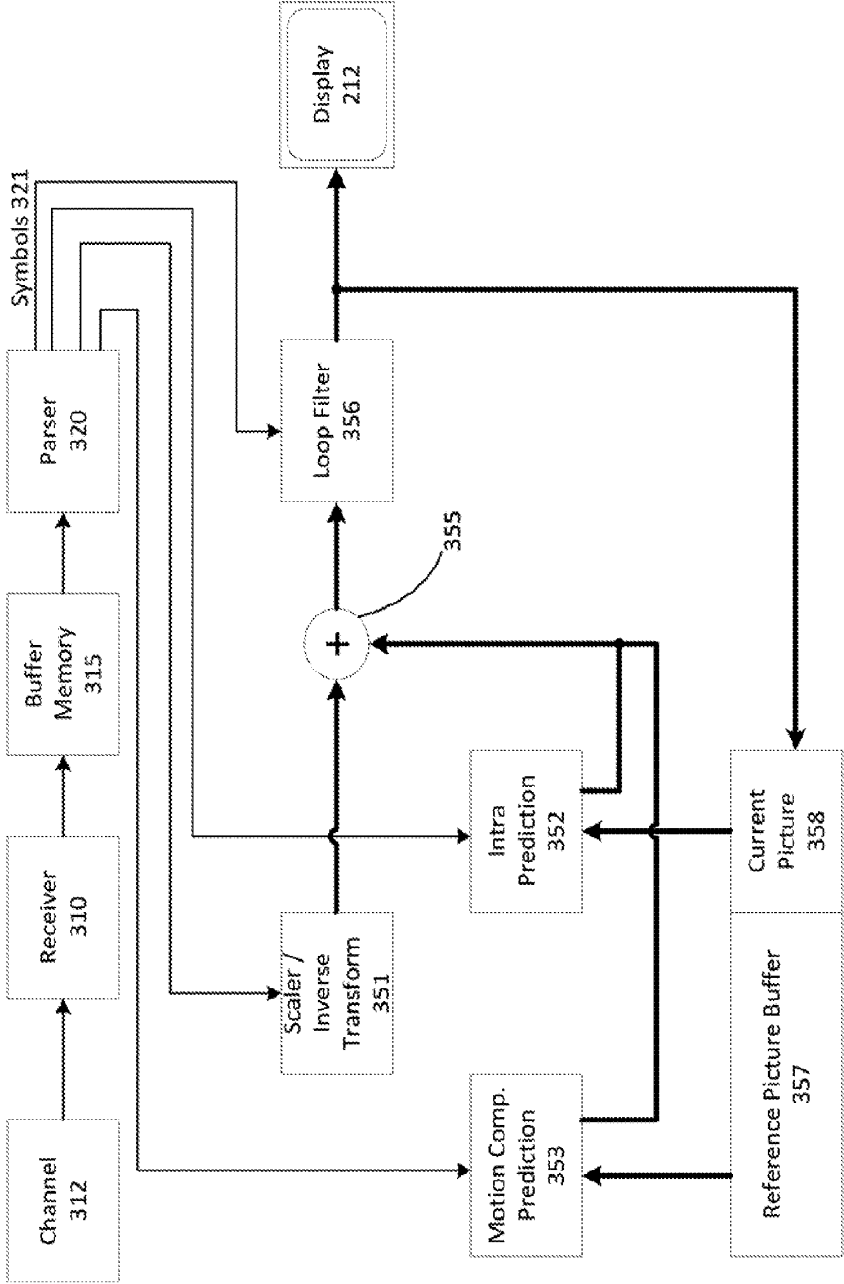
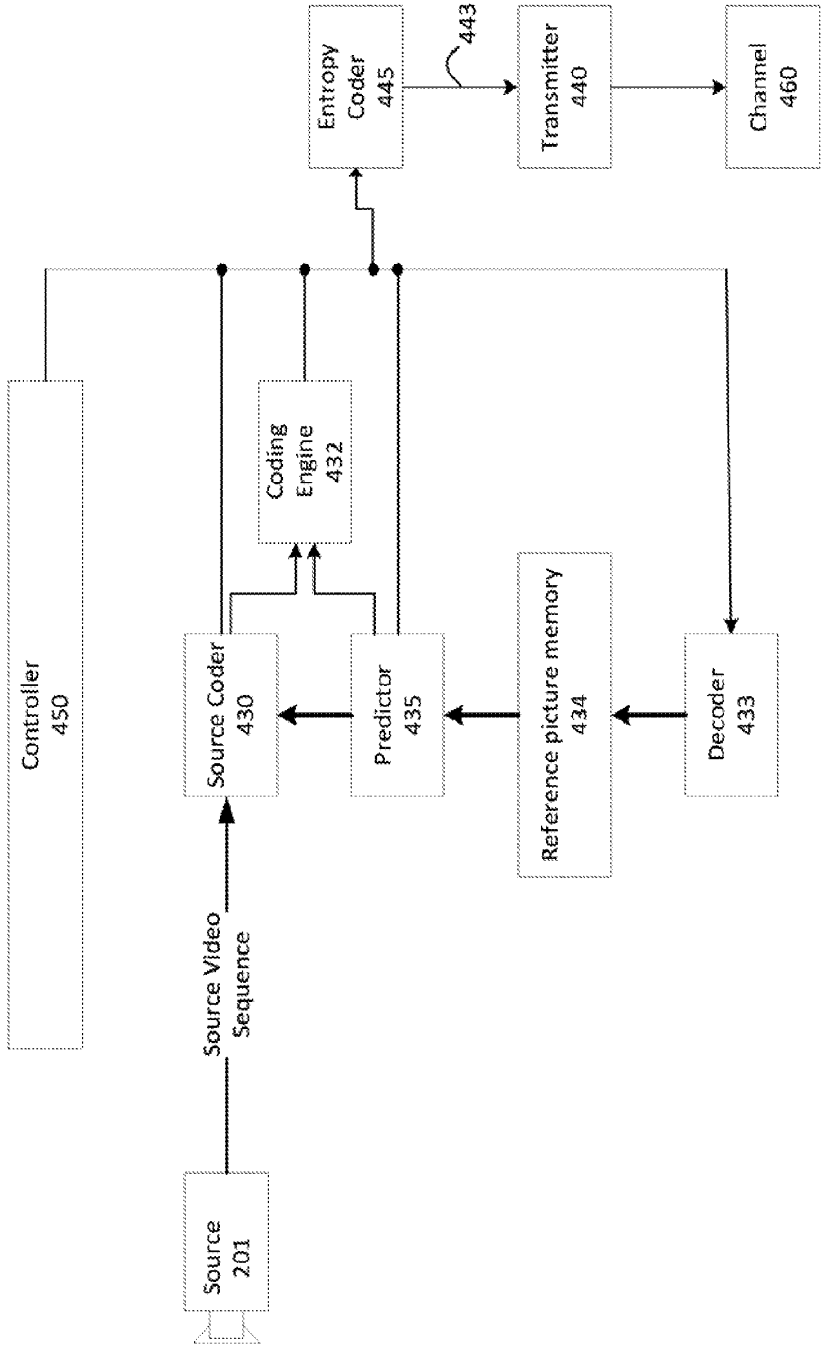


FIG. 4 Encoder 203



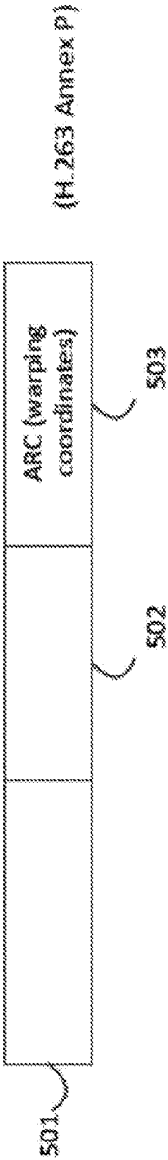


FIG. 5

601	ule_group_header() {	
	...	
603	if(adaptive_pic_resolution_change_flag) {	
602	dec_pic_size_idx	u(1)
	}	
	...	
	}	

FIG. 6A

610	seq_parameter_set_rbsp() {	Descriptor
	...	
611	adaptive_pic_resolution_change_flag	u(1)
612	if(adaptive_pic_resolution_change_flag) {	
613	output_pic_width_in_luma_samples	ue(v)
	output_pic_height_in_luma_samples	ue(v)
614	reference_pic_size_present_flag	u(1)
	if(reference_pic_size_present_flag)	
	{	
	reference_pic_width_in_luma_samples	ue(v)
615	reference_pic_height_in_luma_samples	ue(v)
	}	
616	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)
617	dec_pic_height_in_luma_samples[i]	ue(v)
	}	
	}	
	...	
	}	

FIG. 6B

FIG. 7

701	video parameter set rbsp() {		
702	vps_video_parameter_set_id		u(4)
703	vps_max_layers_minus1		u(6)
704	if (vps_max_layers_minus1 > 0) {		
705	vps_all_independent_layers_flag		u(1)
706	for (i = 0; i <= vps_max_layers_minus1; i++) {		
707	vps_layer_id[i]		u(6)
708	if (i > 0 && !vps_all_independent_layers_flag) {		
709	vps_independent_layer_flag[i]		u(1)
	if (!vps_independent_layer_flag[i])		
	for (j = 0; j < i; j++)		
	vps_direct_dependency_flag[i][j]		u(1)
	}		
	}		
	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++)		
	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. 9

	Descriptor
seq_parameter_set_rbsp() {	
...	
use_rep_format_idx_flag	u(1)
if(use_rep_format_idx_flag)	
sps_rep_format_idx	u(8)
} else {	
pic_width_in_luma_samples	ue(v)
pic_height_in_luma_samples	ue(v)
chroma_format_idc	ue(v)
if(chroma_format_idc == 3)	
separate_colour_plane_flag	u(1)
bit_depth_luma_minus8	ue(v)
bit_depth_chroma_minus8	ue(v)
subpics_present_flag	u(1)
if(subpics_present_flag) {	
max_subpics_minus1	u(8)
subpic_grid_col_width_minus1	u(v)
subpic_grid_row_height_minus1	u(v)
for(i = 0; i < NumSubPicGridRows; i++)	
for(j = 0; j < NumSubPicGridCols; j++)	
subpic_grid_idx[i][j]	u(v)
for(i = 0; i <= NumSubPics; i++) {	
subpic_treated_as_pic_flag[i]	u(1)
loop_filter_across_subpic_enabled_flag[i]	u(1)
}	
}	
}	

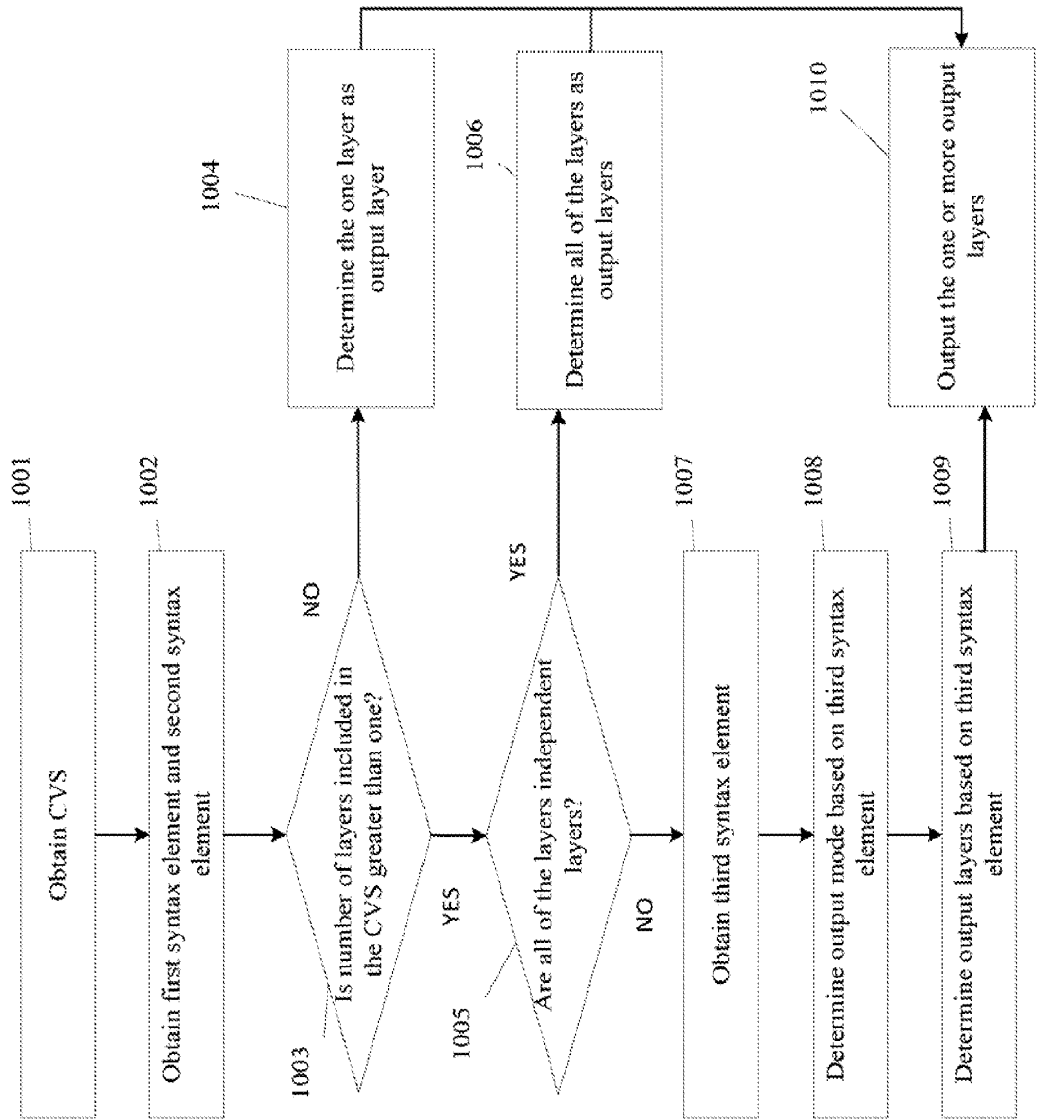


FIG. 10 1000

