

FIG. 1

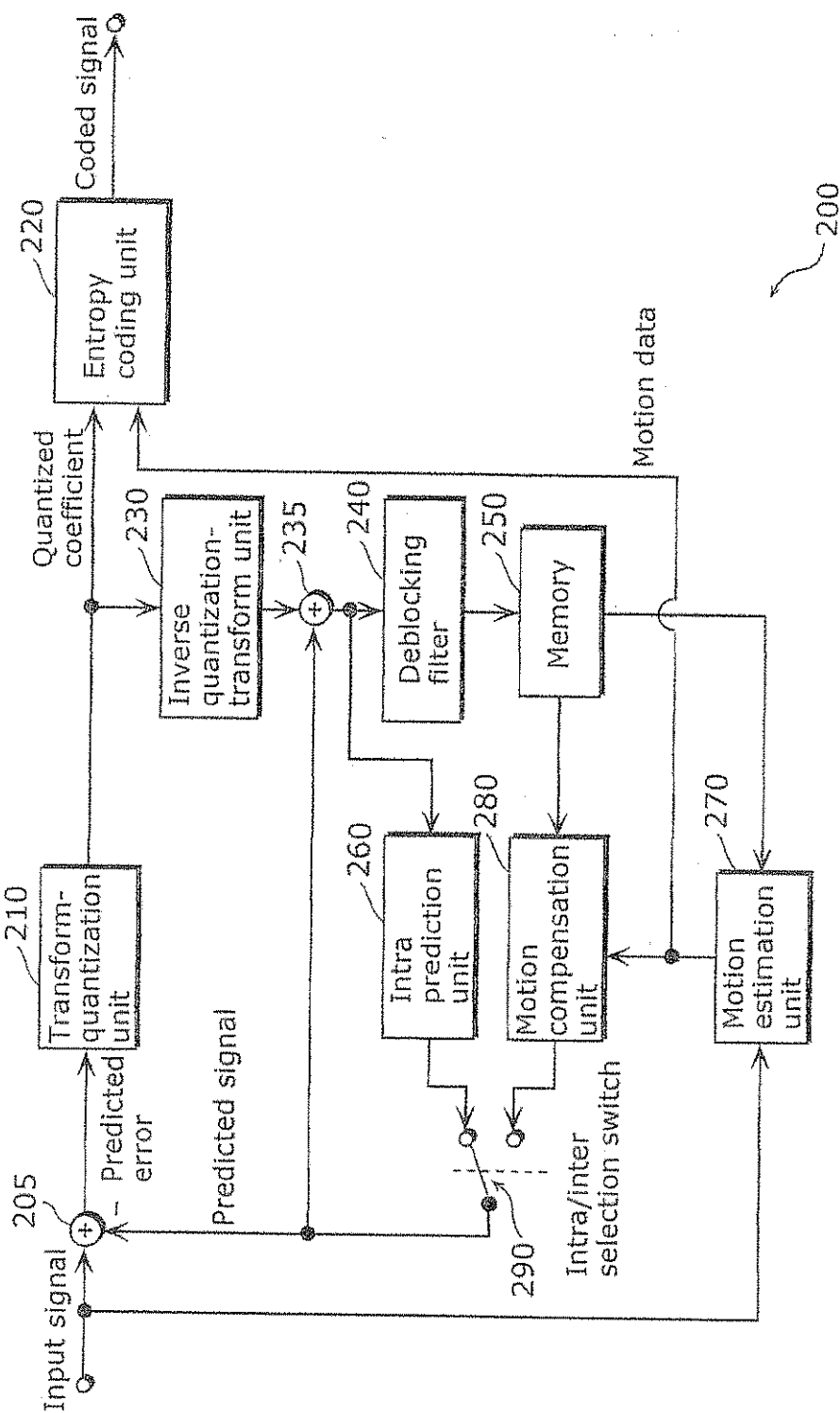


FIG. 2

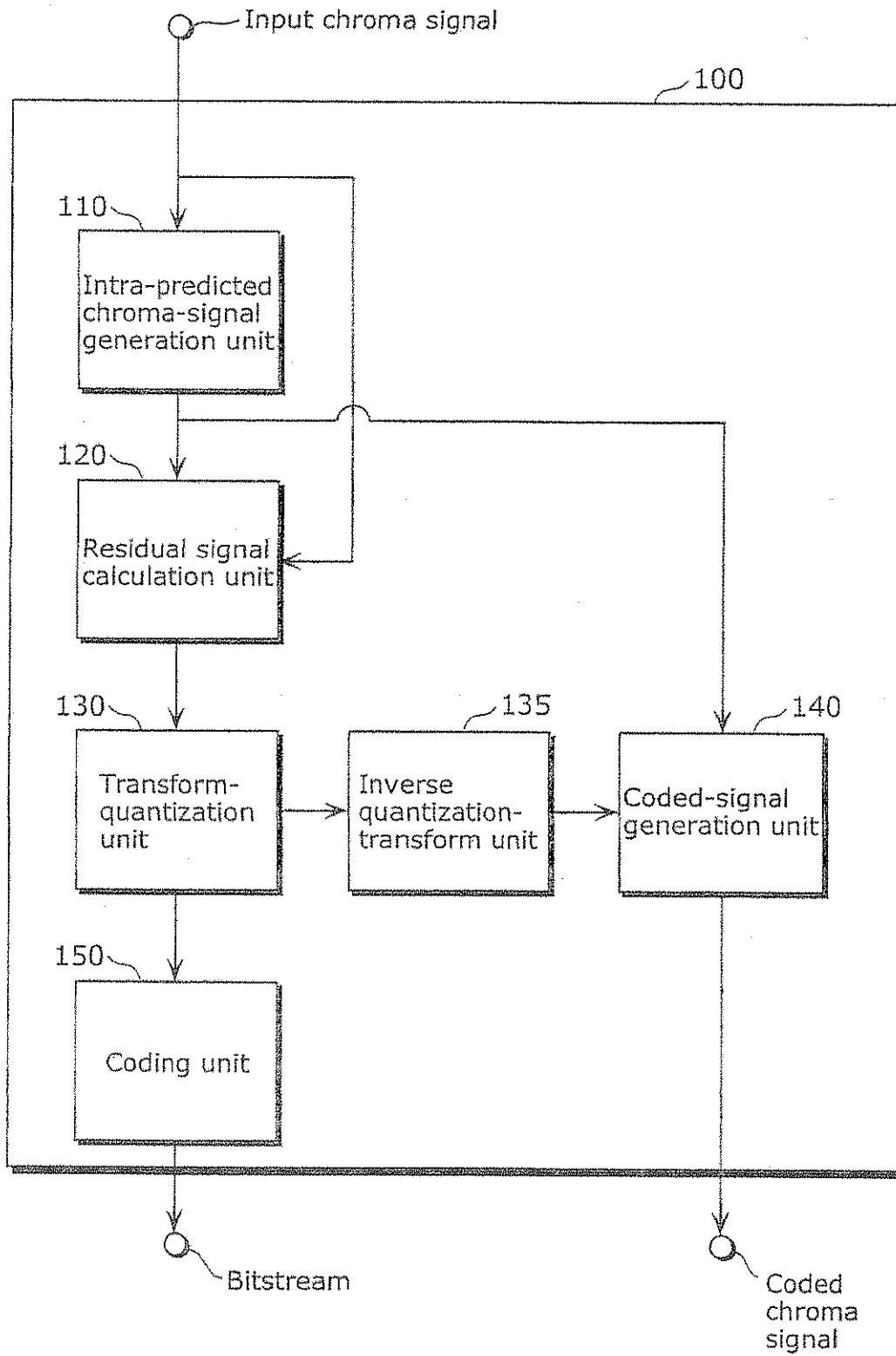


FIG. 3

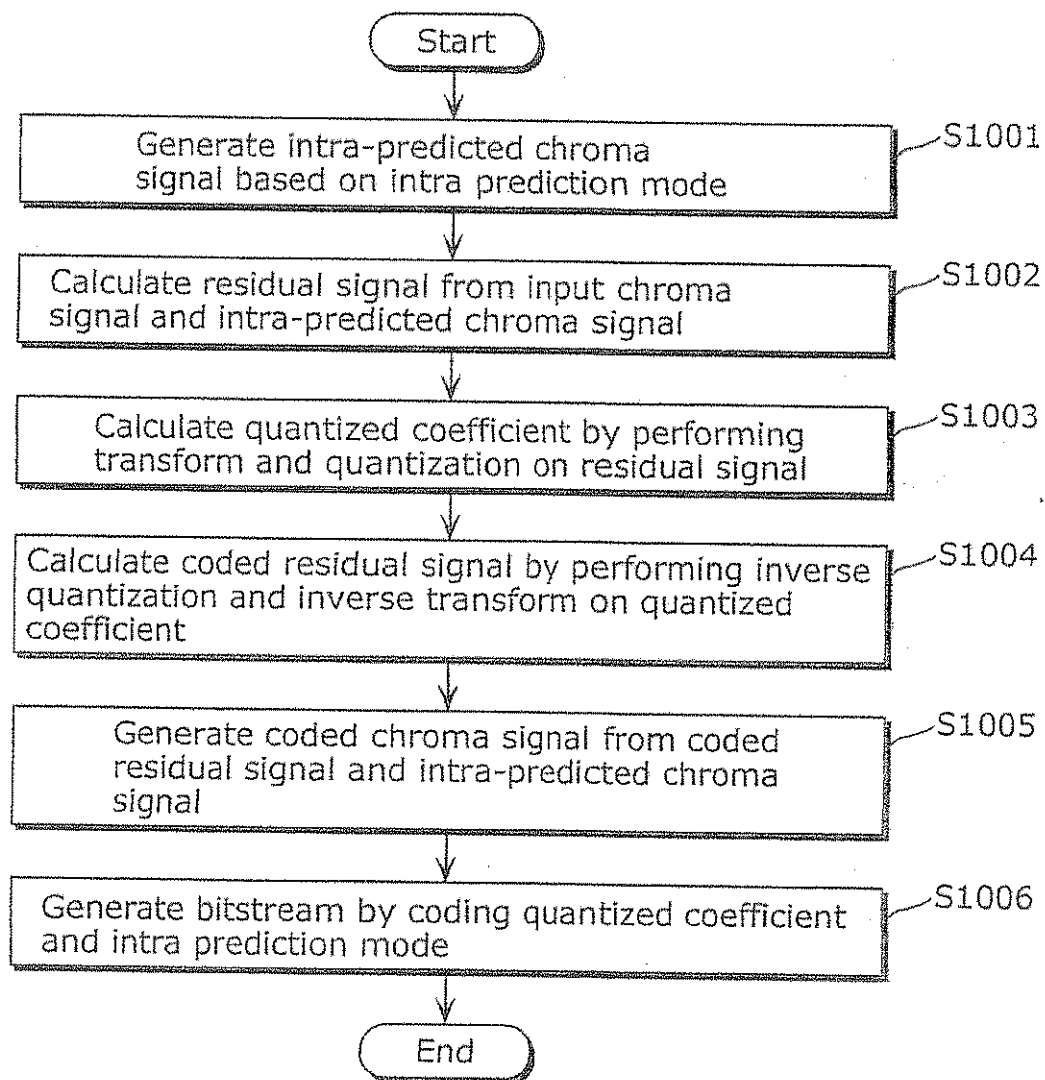


FIG. 4

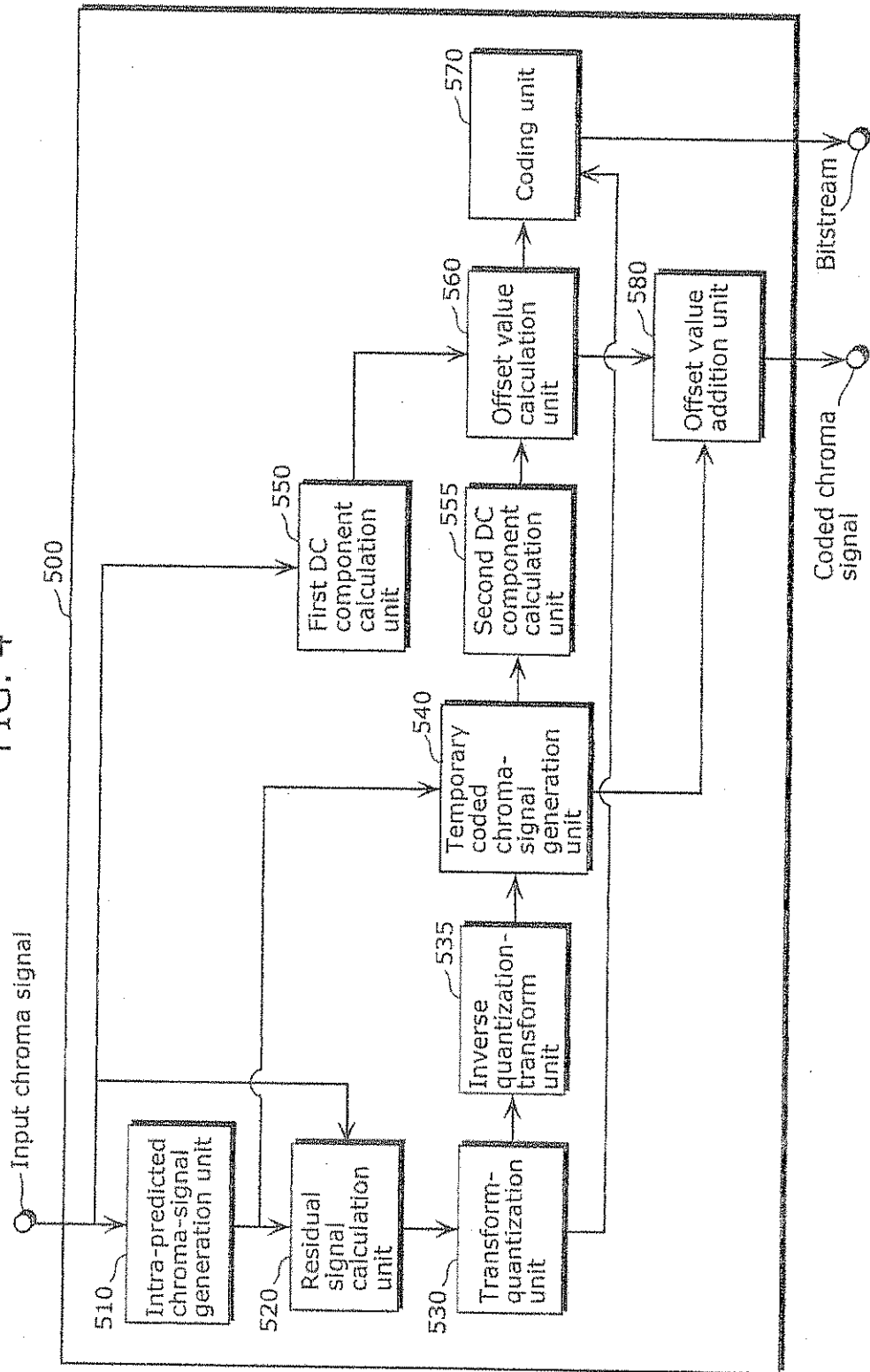


FIG. 5

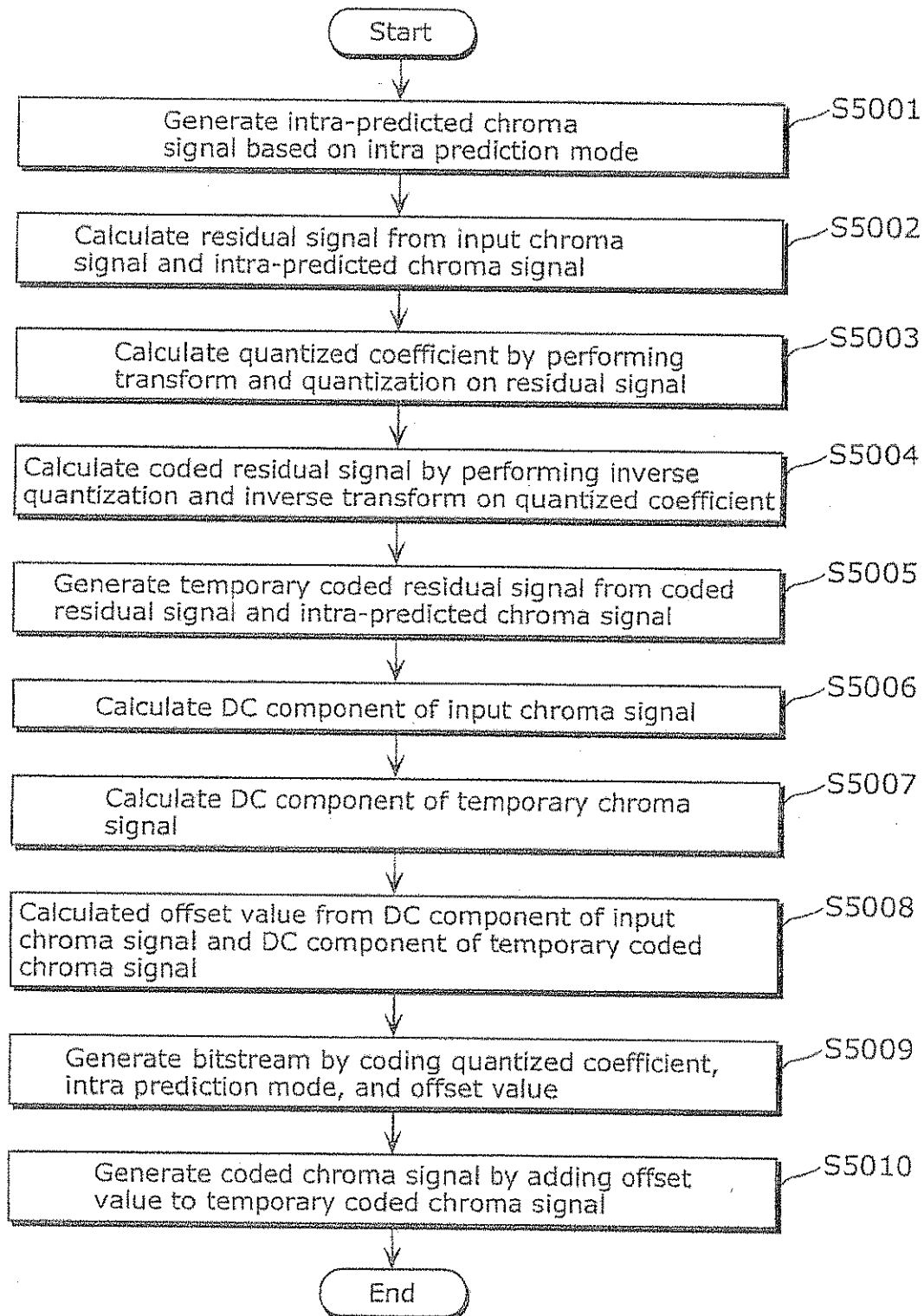


FIG. 6

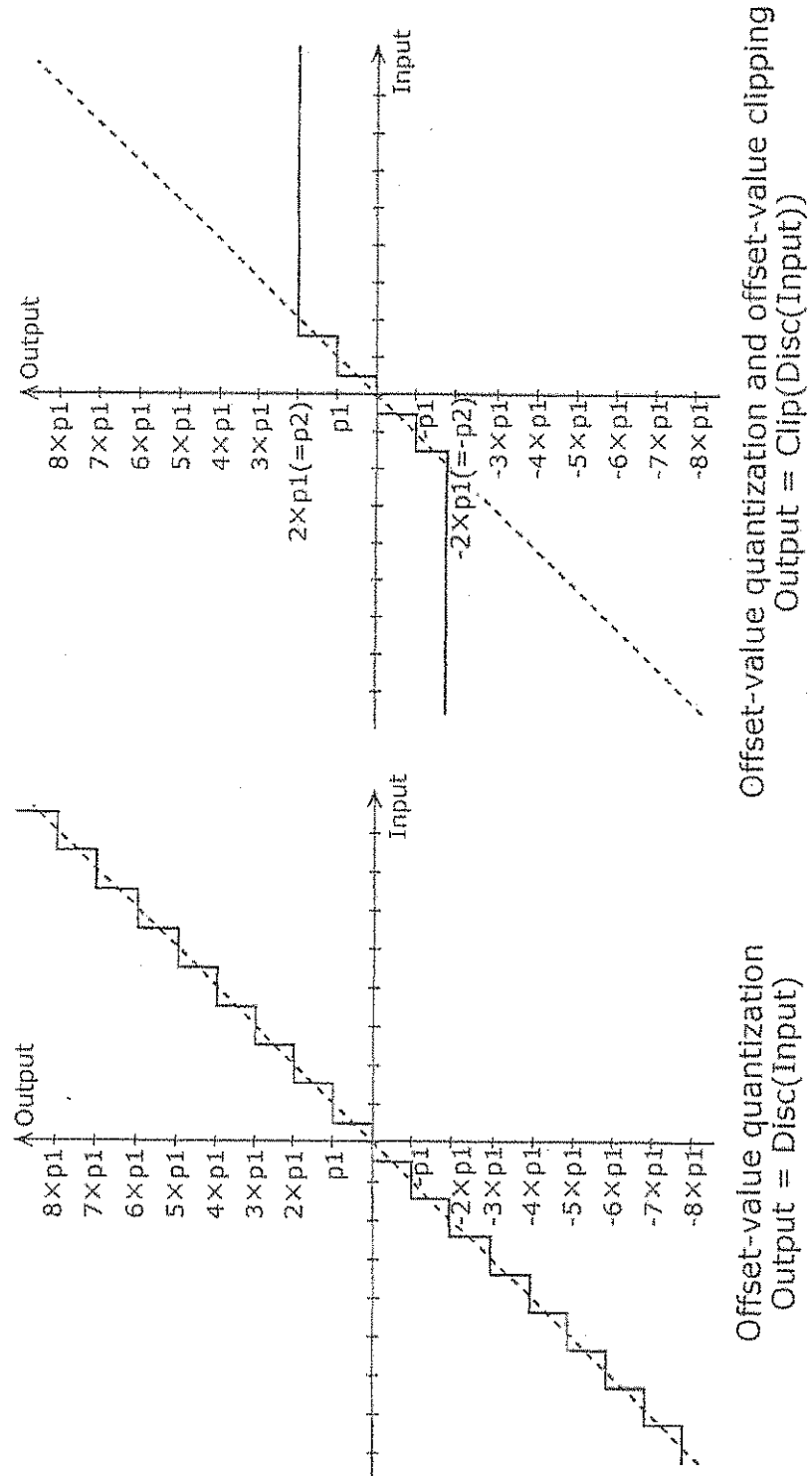


FIG. 7

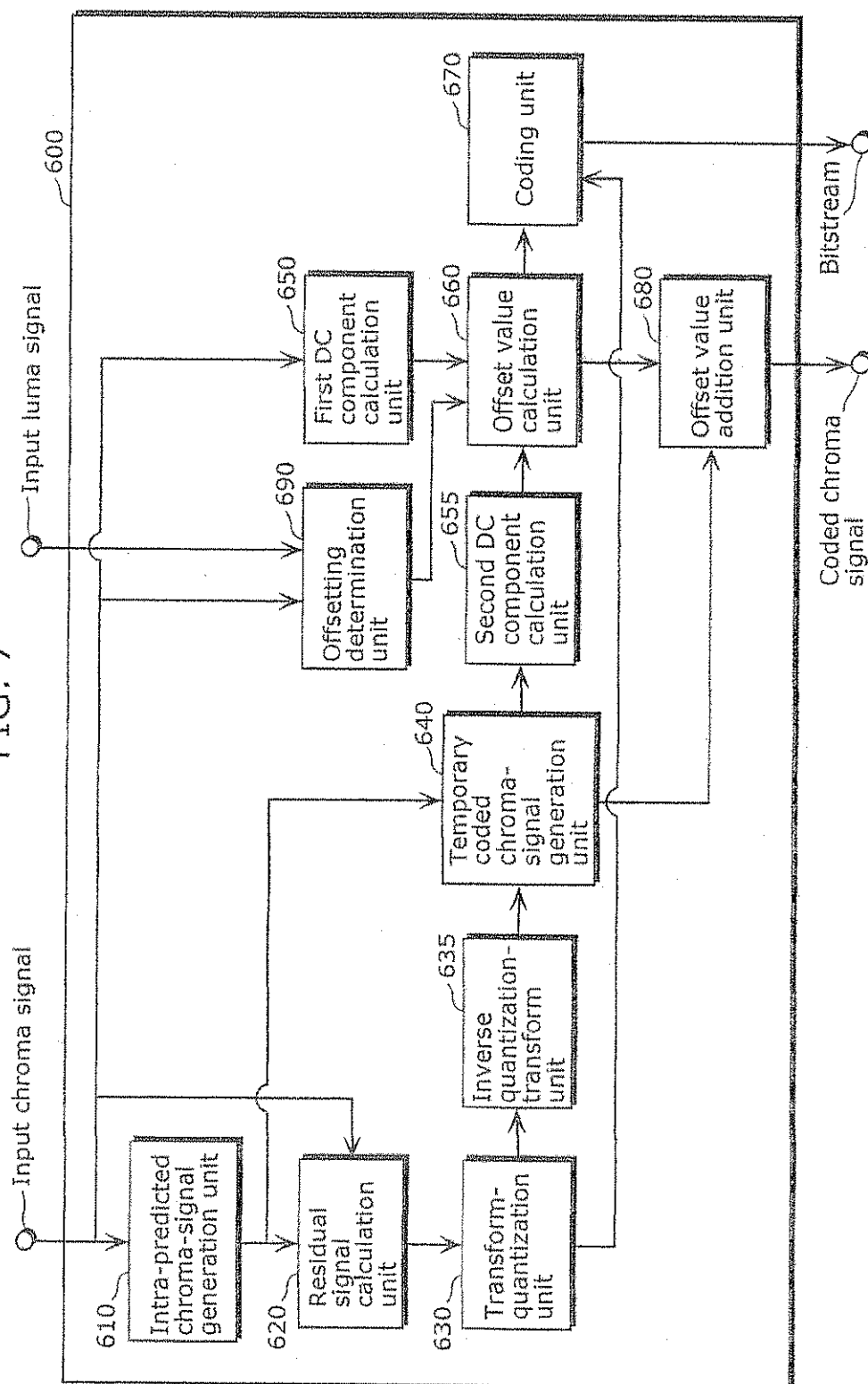


FIG. 8

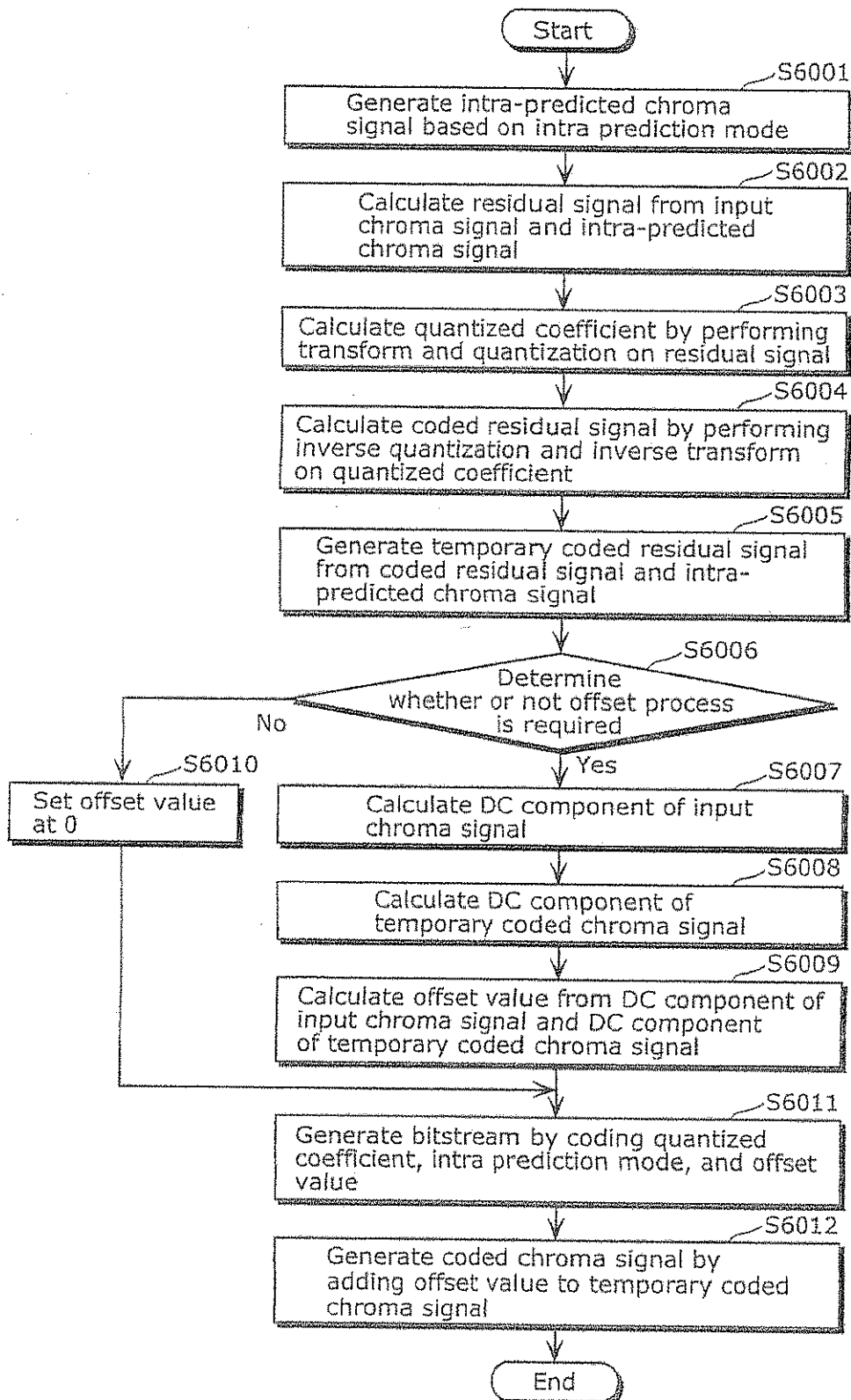


FIG. 9

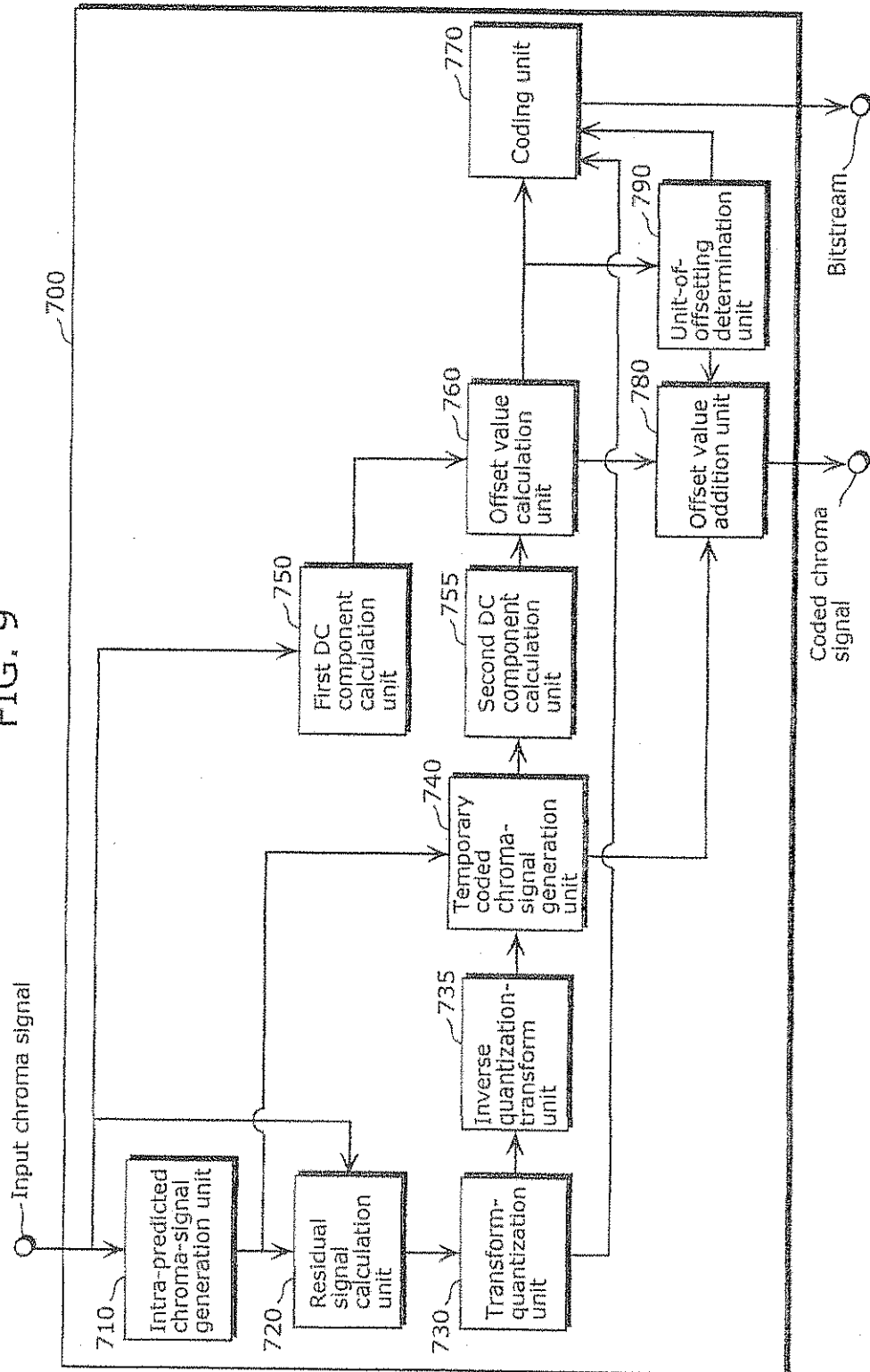


FIG. 10

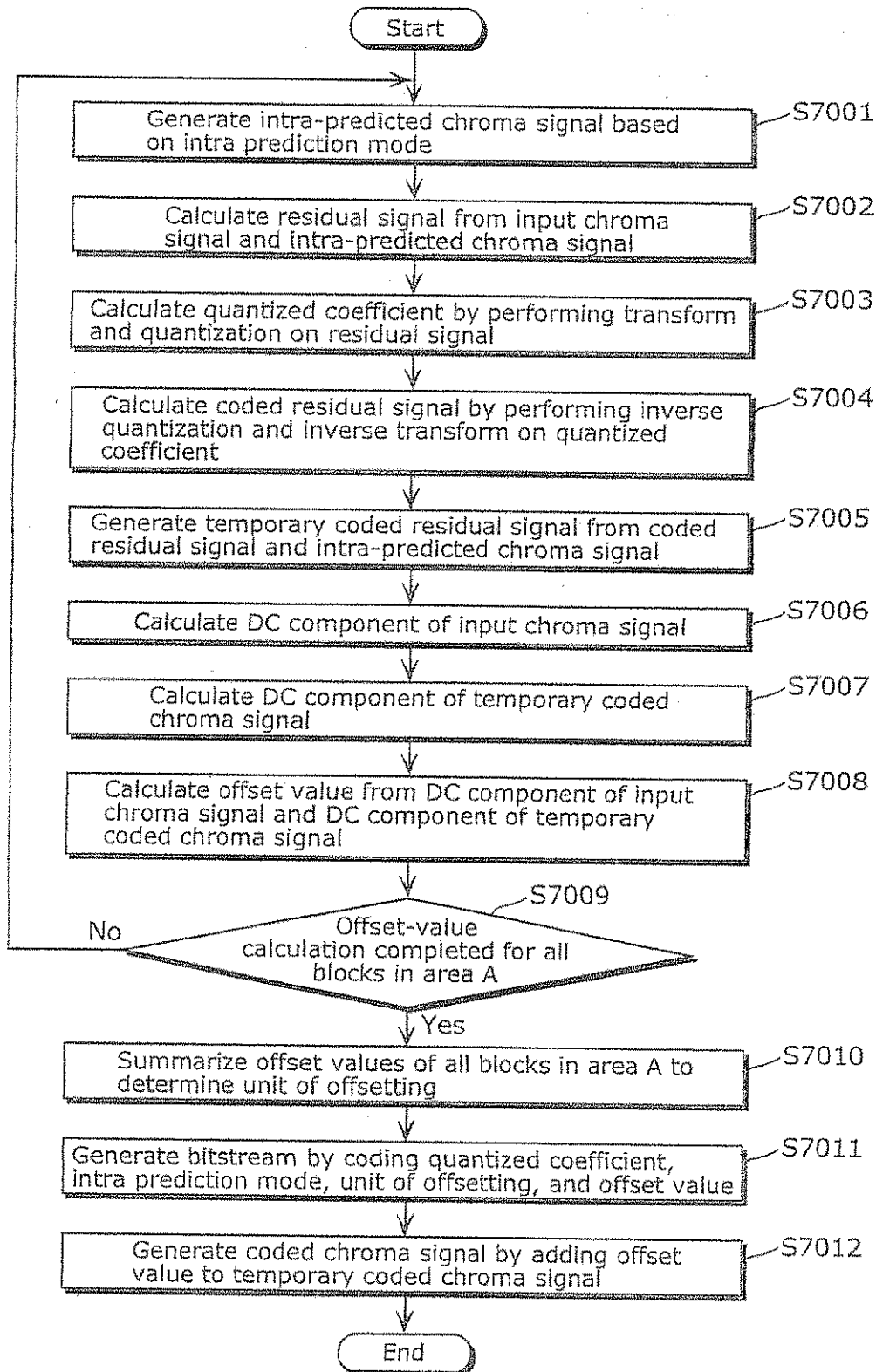


FIG. 11A

Area A

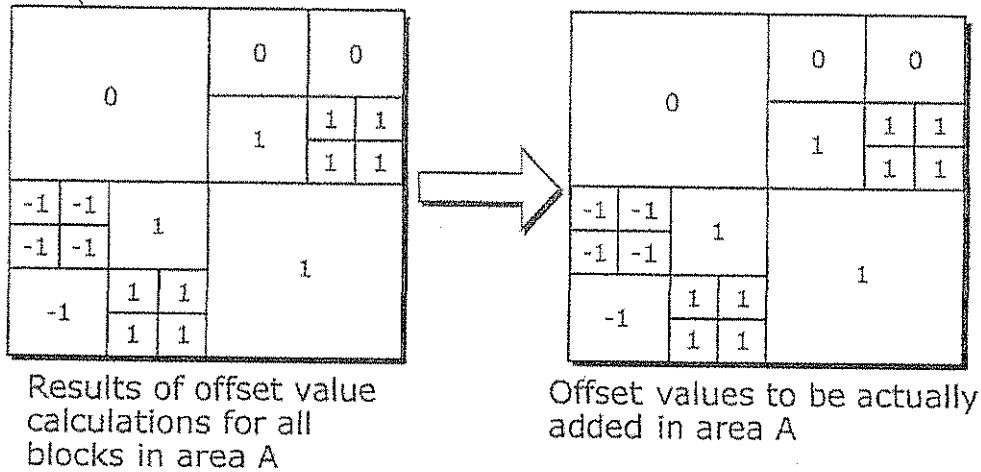


FIG. 11B

Area A

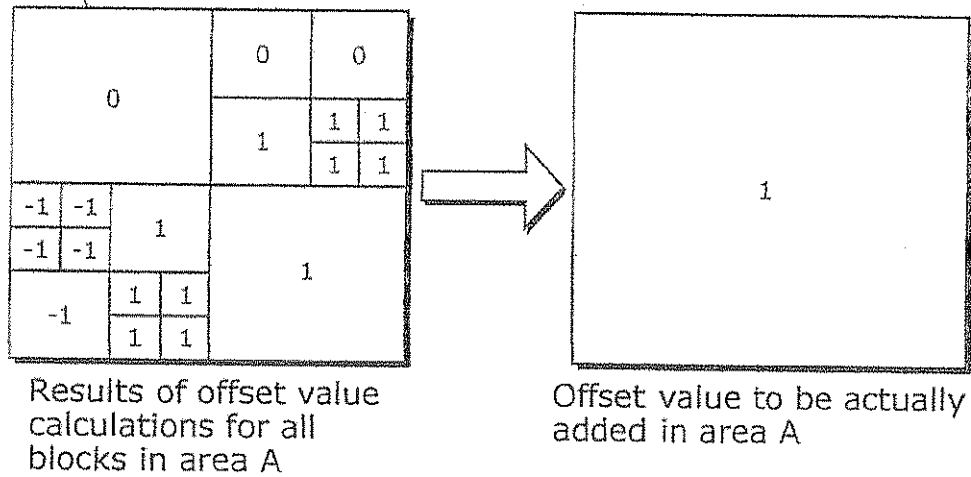


FIG. 12

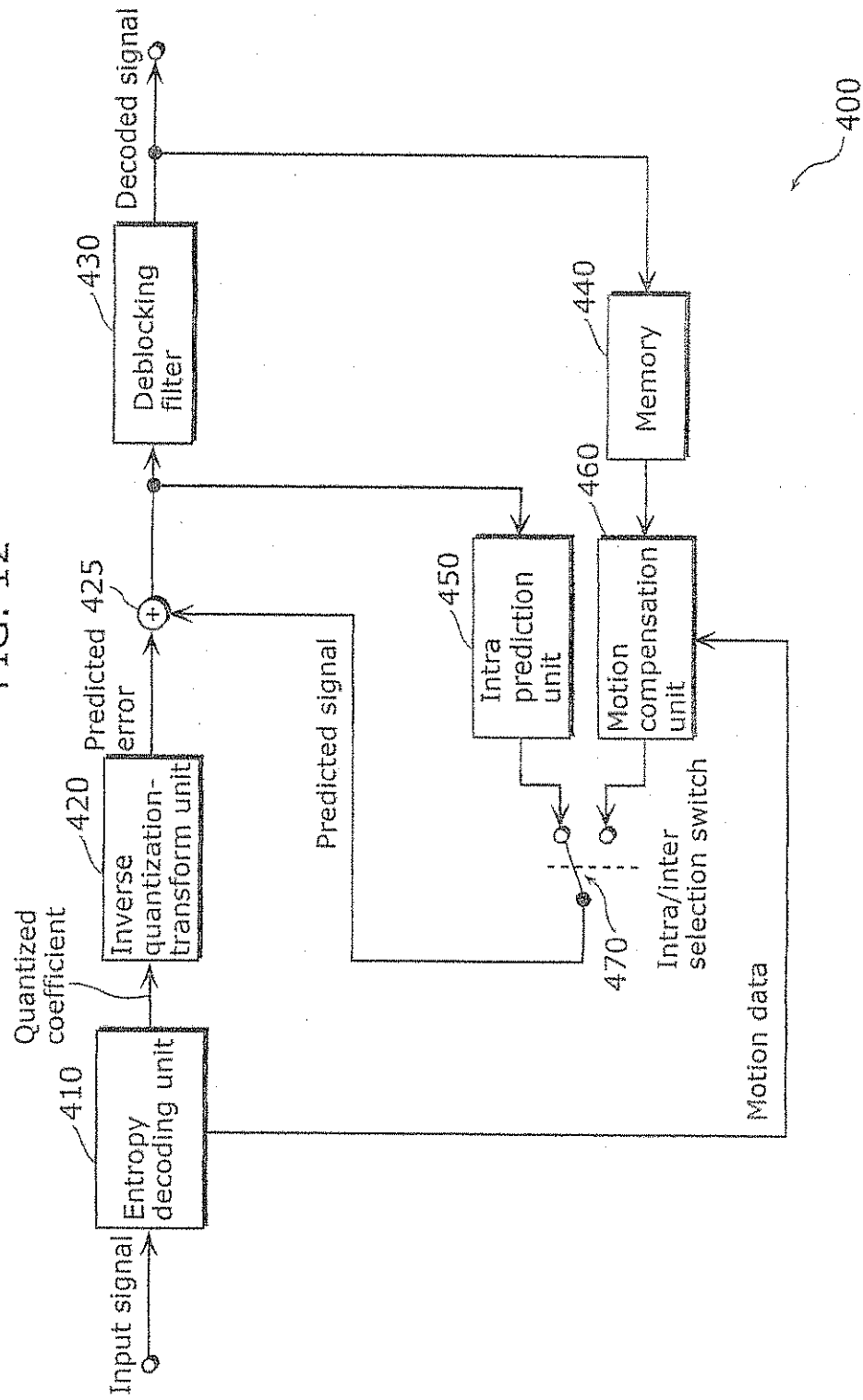


FIG. 13

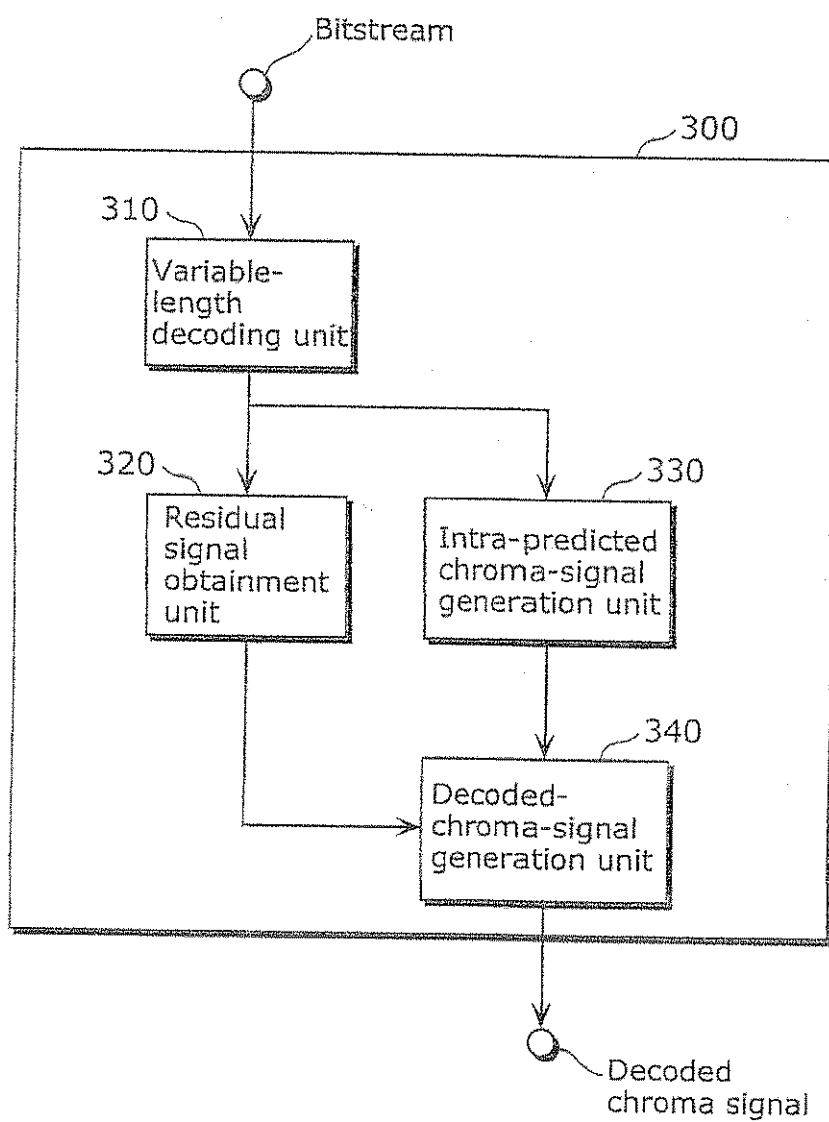


FIG. 14

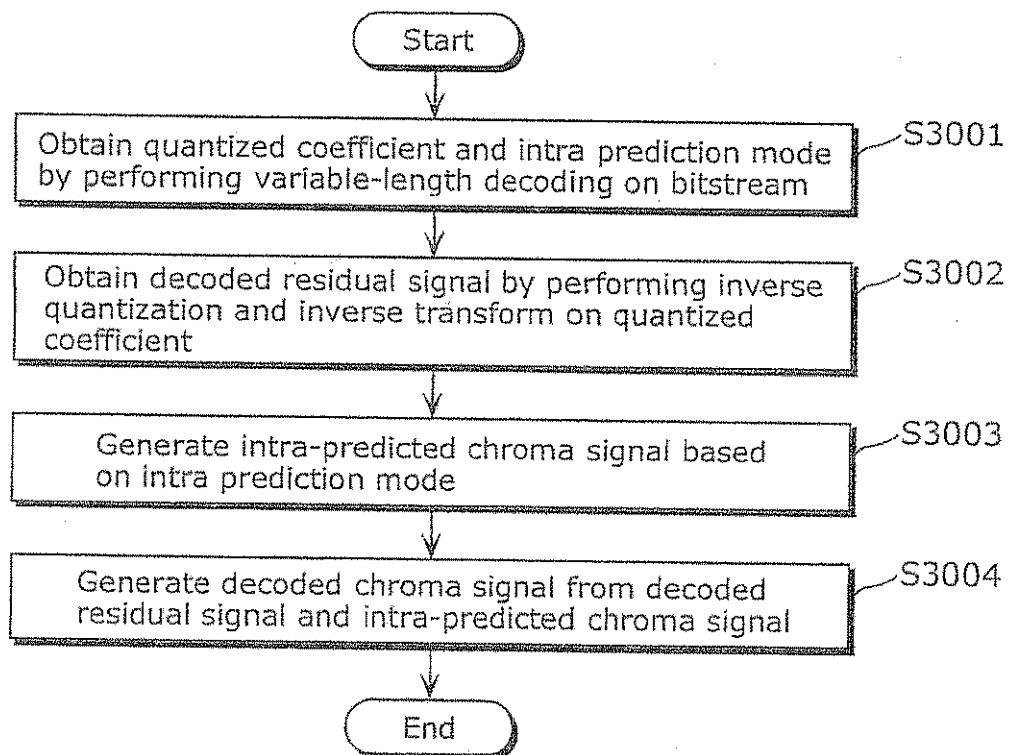


FIG. 15

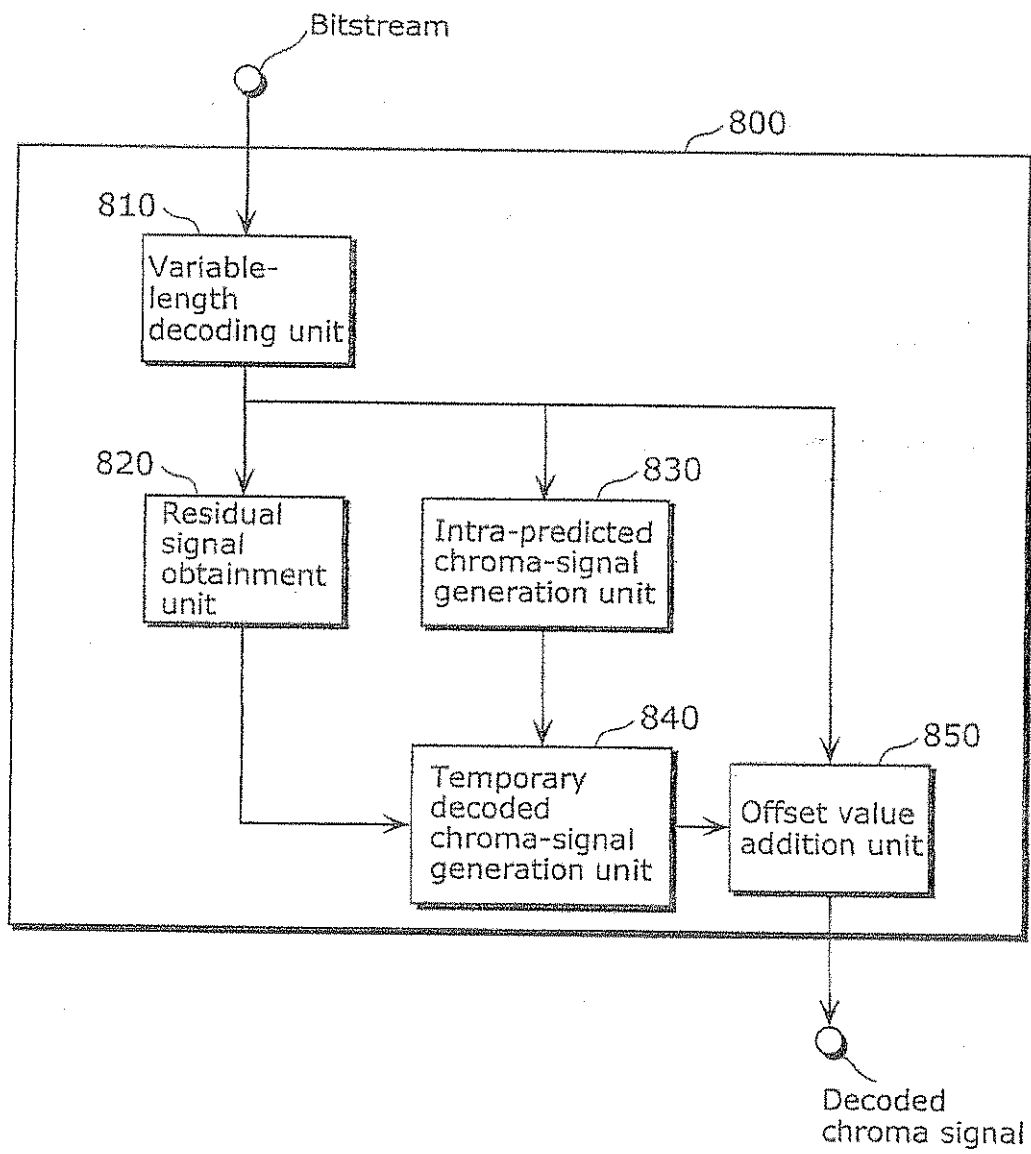


FIG. 16

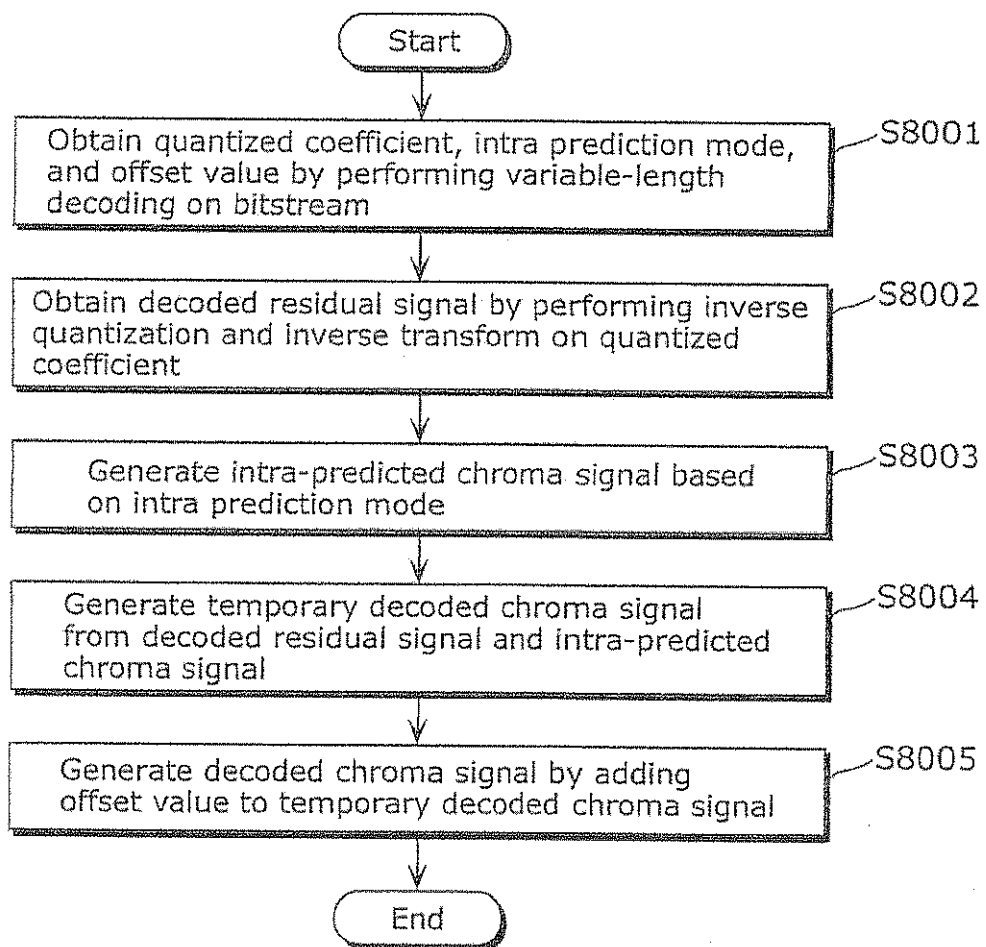


FIG. 17

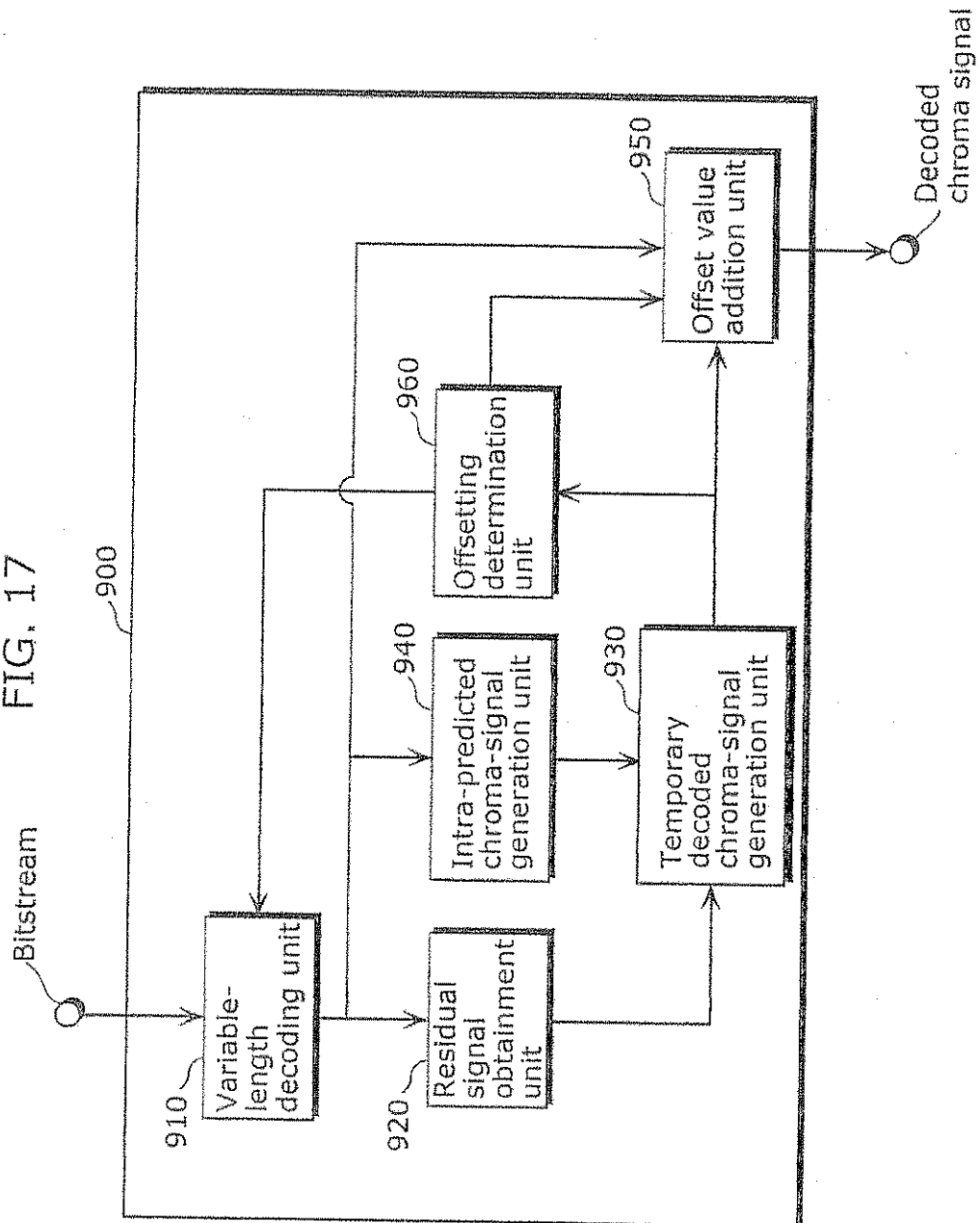


FIG. 18

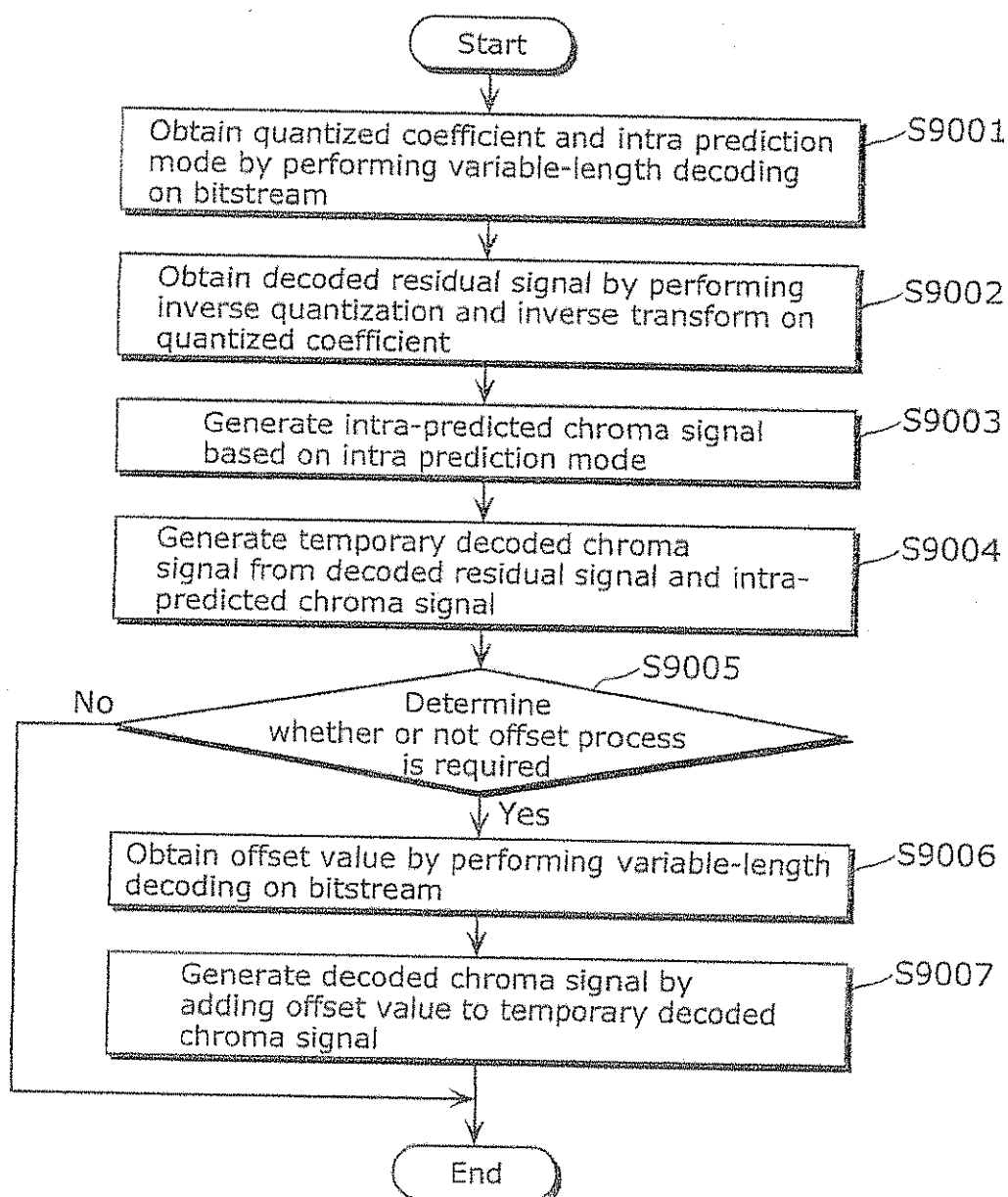


FIG. 19

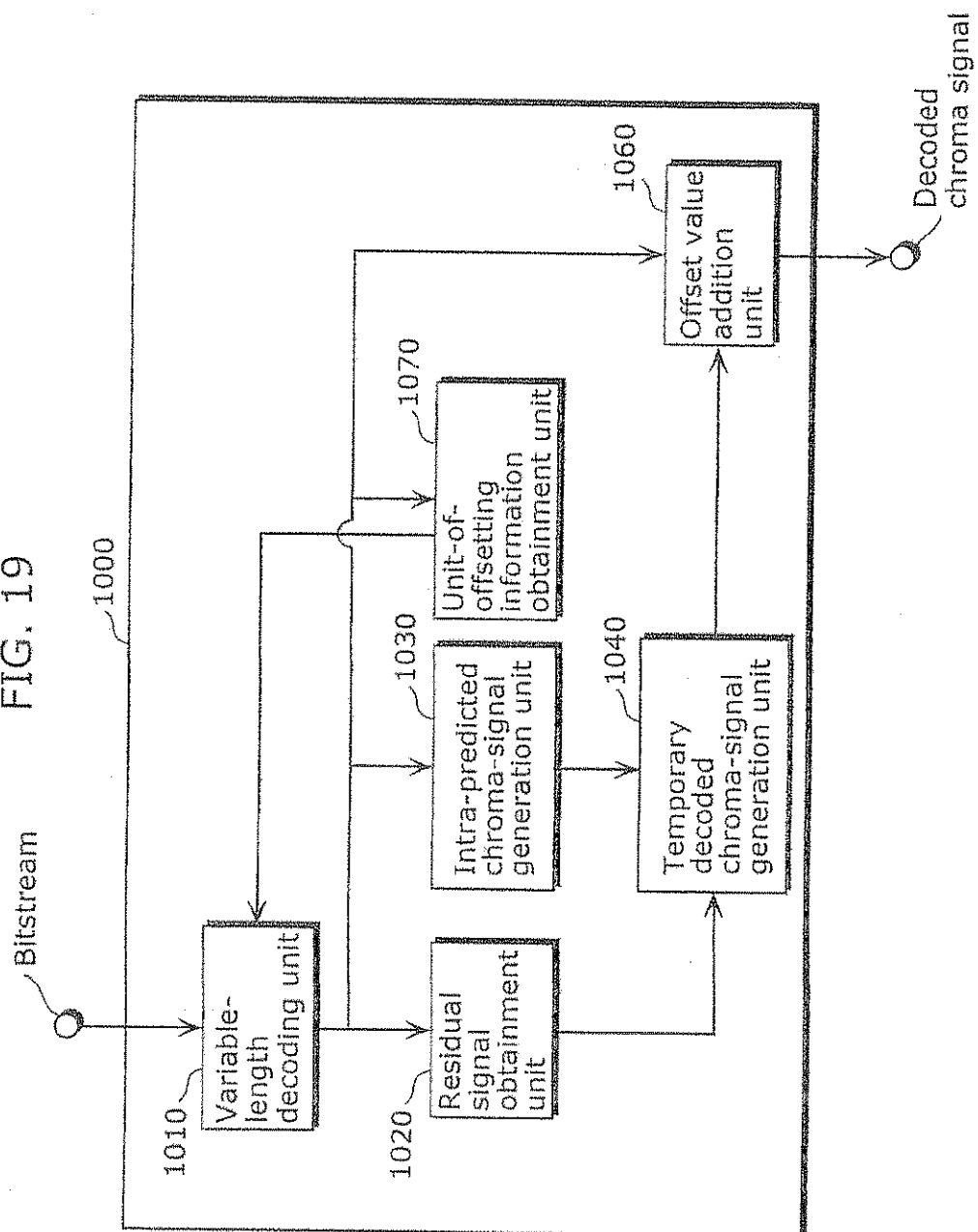


FIG. 20

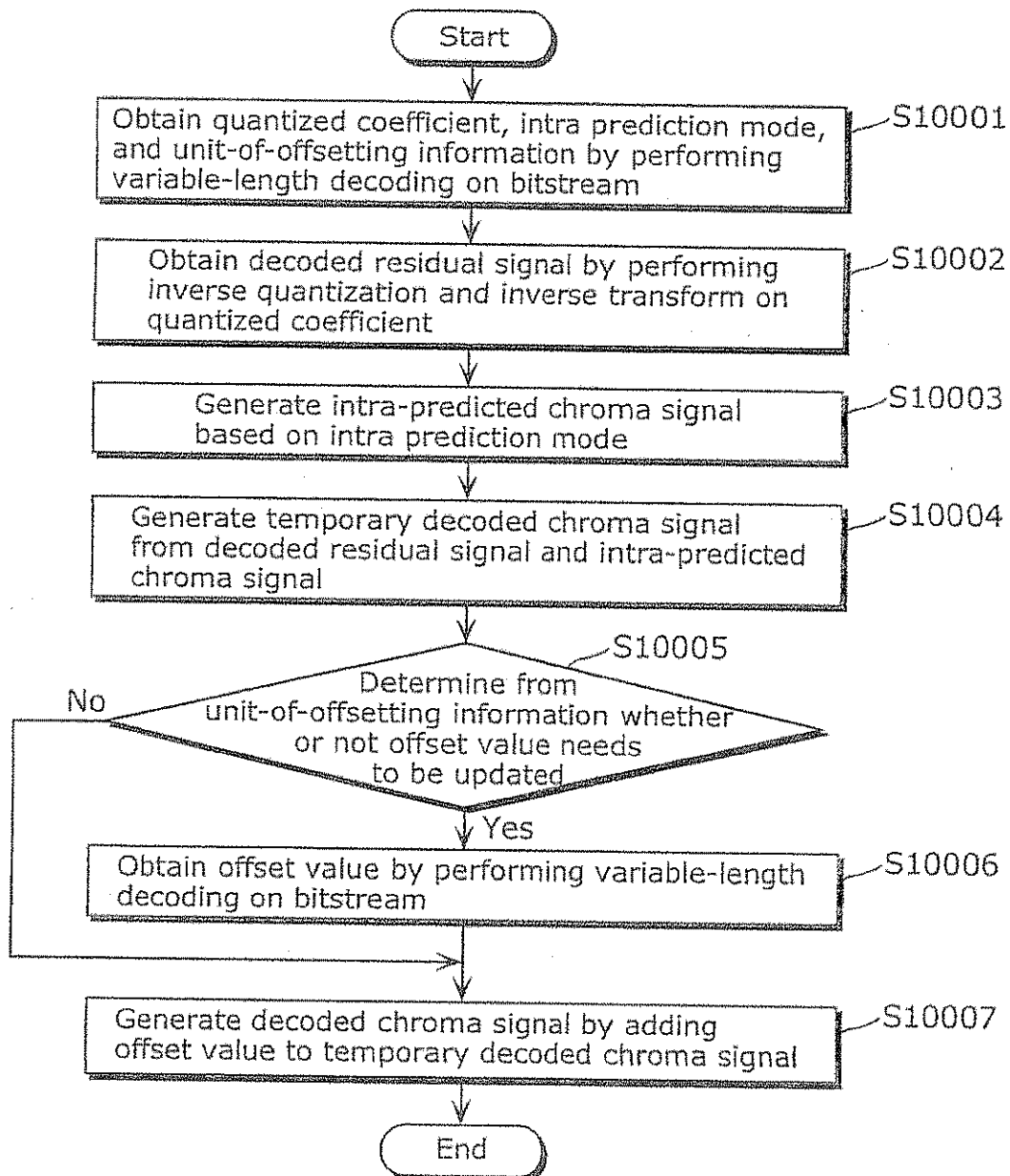


FIG. 21

Offset value of U

Offset value of V

prediction_unit(x0,y0, log2PUWidth, log2PUHeight, PartIdx , InferredMergeFlag) {		Descriptor
if(skip_flag[x0][y0]){		
if(NumMergeCand > 1)		
merge_idx[x0][y0]		ue(v) ae(v)
} else if(PreMode == MODE_INTRA){		
prev_intra_luma_pred_flag[x0][y0]		u(1) ae(v)
if(prev_intra_luma_pred_flag[x0][y0])		
if(NumMPMCand > 1)		
mpm_idx[x0][y0]		u(1) ae(v)
else		
rem_intra_luma_pred_mode[x0][y0]		ce(v) ae(v)
intra_chroma_pred_mode[x0][y0]		ue(v) ae(v)
intra_chroma_ofst[0]		
intra_chroma_ofst[1]		
} else { /* MODE_INTER */		
if(!InferredMergeFlag)		
if(entropy_coding_mode_flag PartMode != PART_2Nx2N)		
merge_flag[x0][y0]		u(1) ae(v)
if(merge_flag[x0][y0] && NumMergeCand > 1){		
merge_idx[x0][y0]		ue(v) ae(v)
} else {		
if(slice_type == B)		
inter_pred_flag[x0][y0]		ue(v) ae(v)
if(inter_pred_flag[x0][y0] == Pred_LC){		
if(num_ref_idx_lc_active_minus1 > 0)		
ref_idx_lc[x0][y0]		ue(v) ae(v)
mvd_lc[x0][y0][0]		se(v) ae(v)
mvd_lc[x0][y0][1]		se(v) ae(v)
if(NumMVPCand(LcToLx) > 1)		
mvp_idx_lc[x0][y0]		ue(v) ae(v)
}		
else { /* Prsd_L0 or Pred_BI */		
if(num_ref_idx_l0_active_minus1 > 0)		
ref_idx_l0[x0][y0]		ue(v) ae(v)
mvd_l0[x0][y0][0]		se(v) ae(v)
mvd_l0[x0][y0][1]		se(v) ae(v)
if(NumMVPCand(L0) > 1)		
mvp_idx_l0[x0][y0]		ue(v) ae(v)
}		
if(inter_pred_flag[x0][y0] == Pred_BI){		
if(num_ref_idx_l1_active_minus1 > 0)		
ref_idx_l1[x0][y0]		ue(v) ae(v)
mvd_l1[x0][y0][0]		se(v) ae(v)
mvd_l1[x0][y0][1]		se(v) ae(v)
if(NumMVPCand(L1) > 1)		
mvp_idx_l1[x0][y0]		ue(v) ae(v)
}		
}		
}		
}		

FIG. 22

	slice_data() {	Descriptor
	CurrTbAddr = first_tb_in_slice	
	moreDataFlag = 1	
	if(adaptive_loop_filter_flag && alf_cu_control_flag)	
	AlfCuFlagIdx = -1	
	do {	
	xCU = HorLumaLocation(CurrTbAddr)	
	yCU = VerLumaLocation(CurrTbAddr)	
Offset value of U	if(Slice_type == I) {	
	intra_chroma_off[0]	
Offset value of V	intra_chroma_off[1]	
	}	
	coding_tree(xCU, yCU, Log2TbSize)	
	if(!entropy_coding_mode_flag)	
	moreDataFlag = more_rbsp_data()	
	else {	
	end_of_slice_flag	ae(v)
	moreDataFlag = !end_of_slice_flag	
	}	
	CurrTbAddr = NextTbAddress(CurrTbAddr)	
	} while(moreDataFlag)	
	}	

FIG. 23

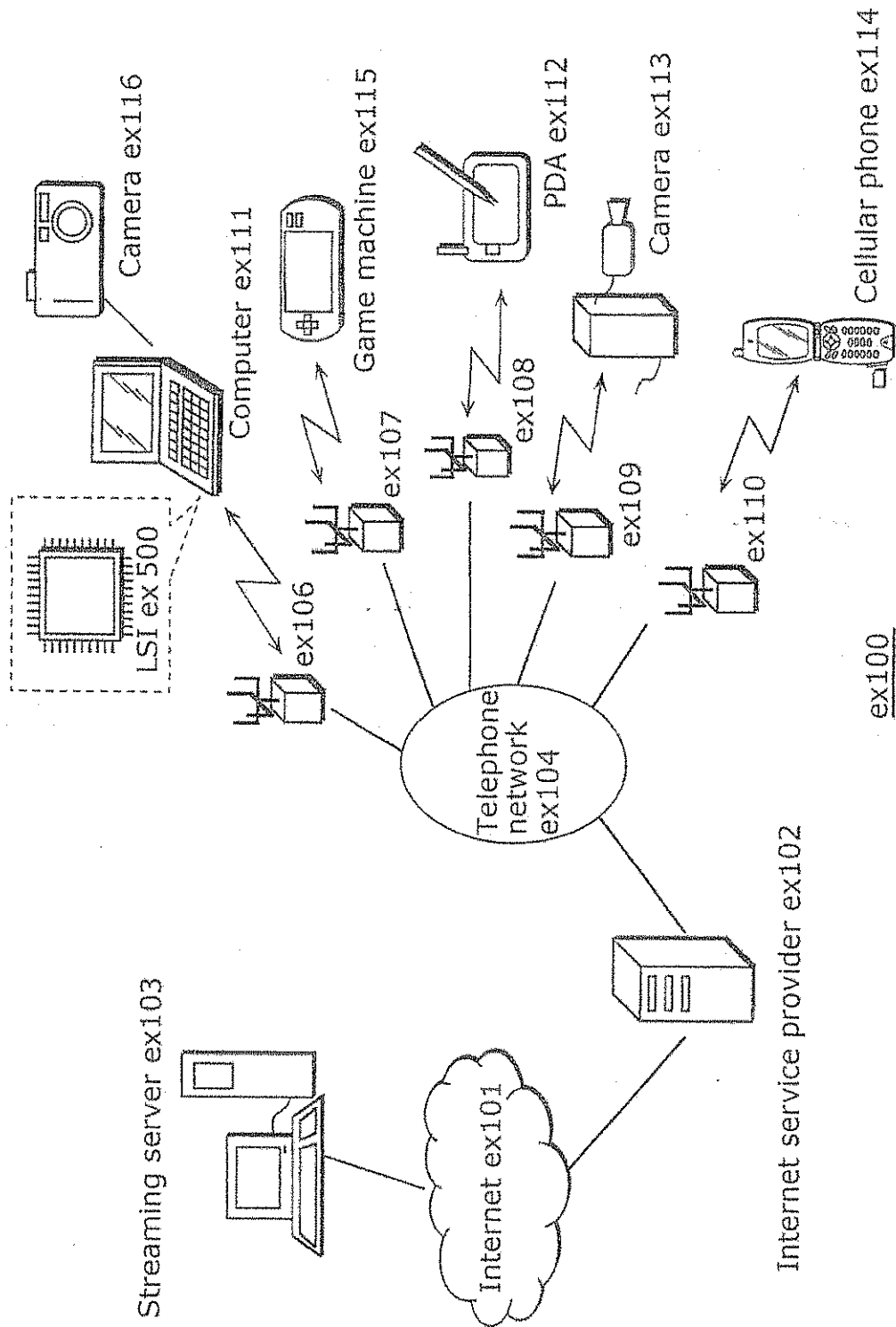


FIG. 25

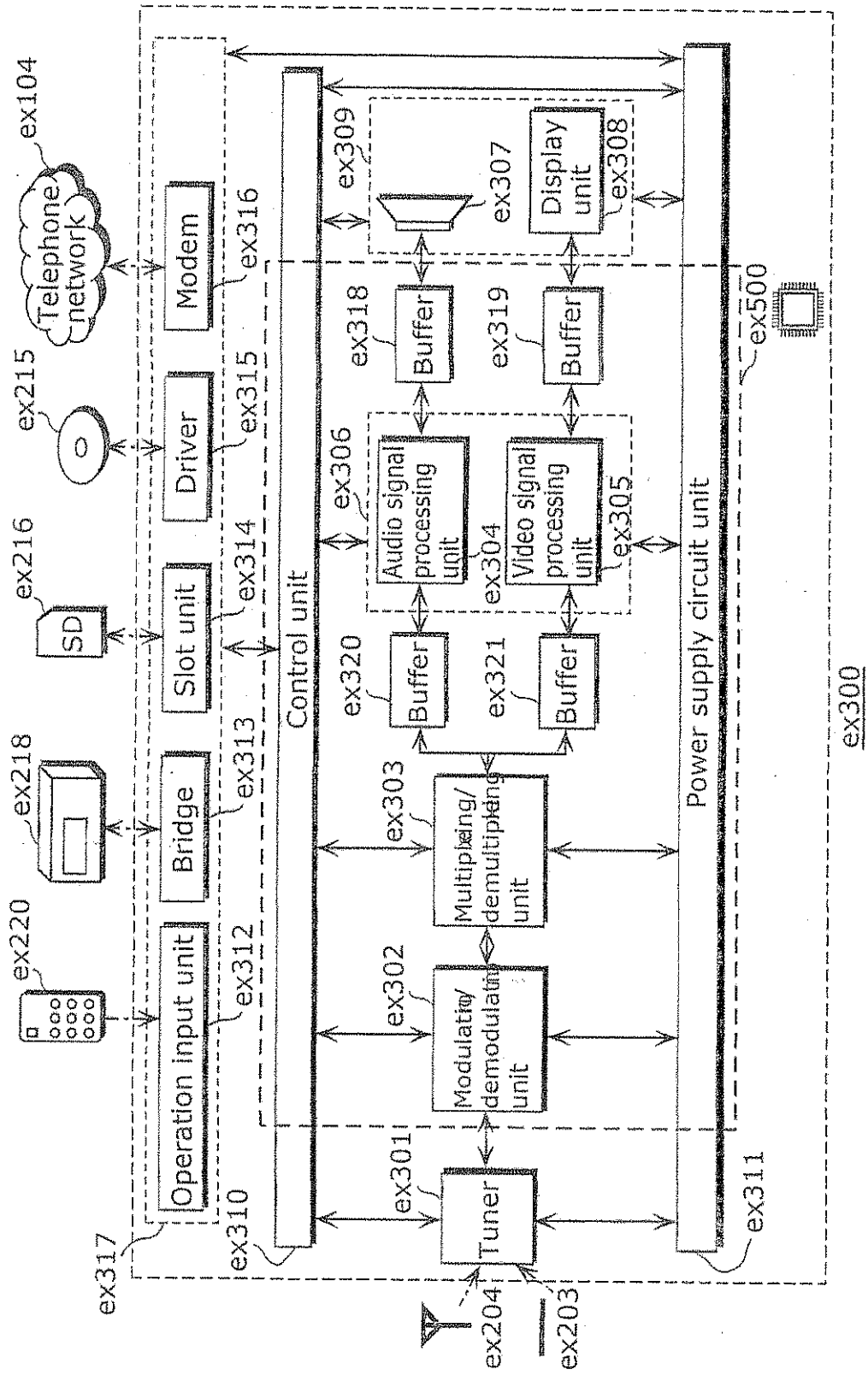


FIG. 26

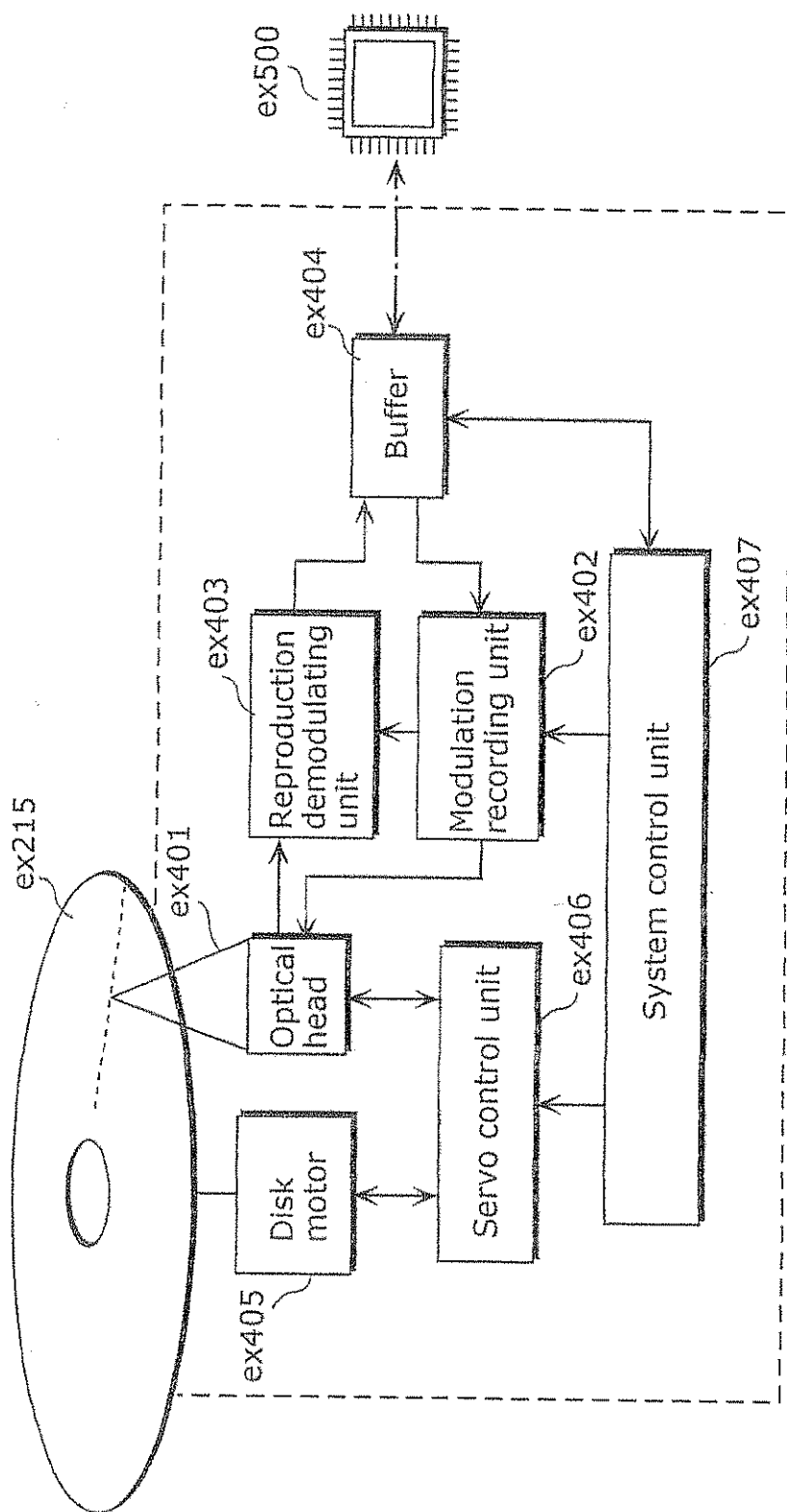
ex400

FIG. 27

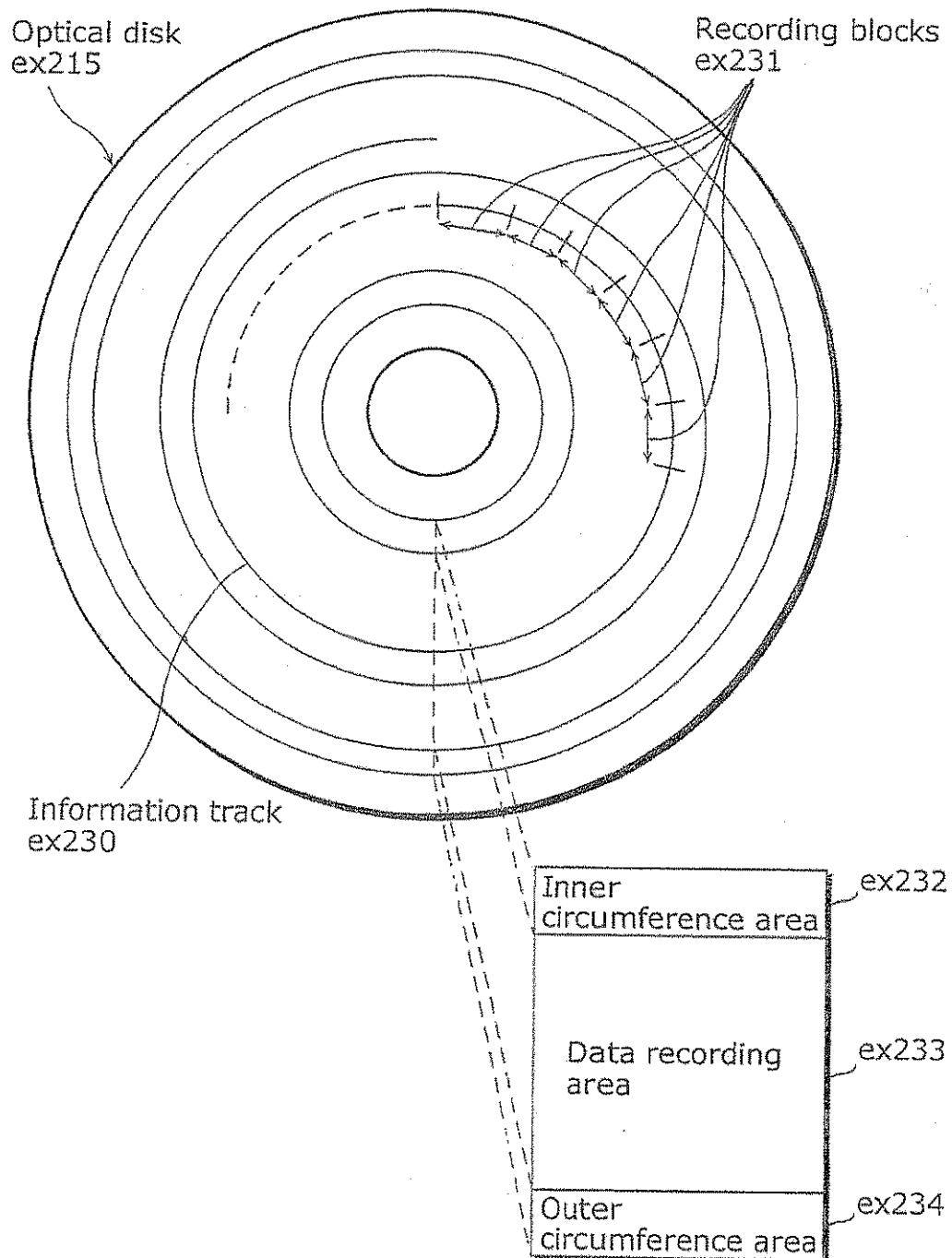


FIG. 28A

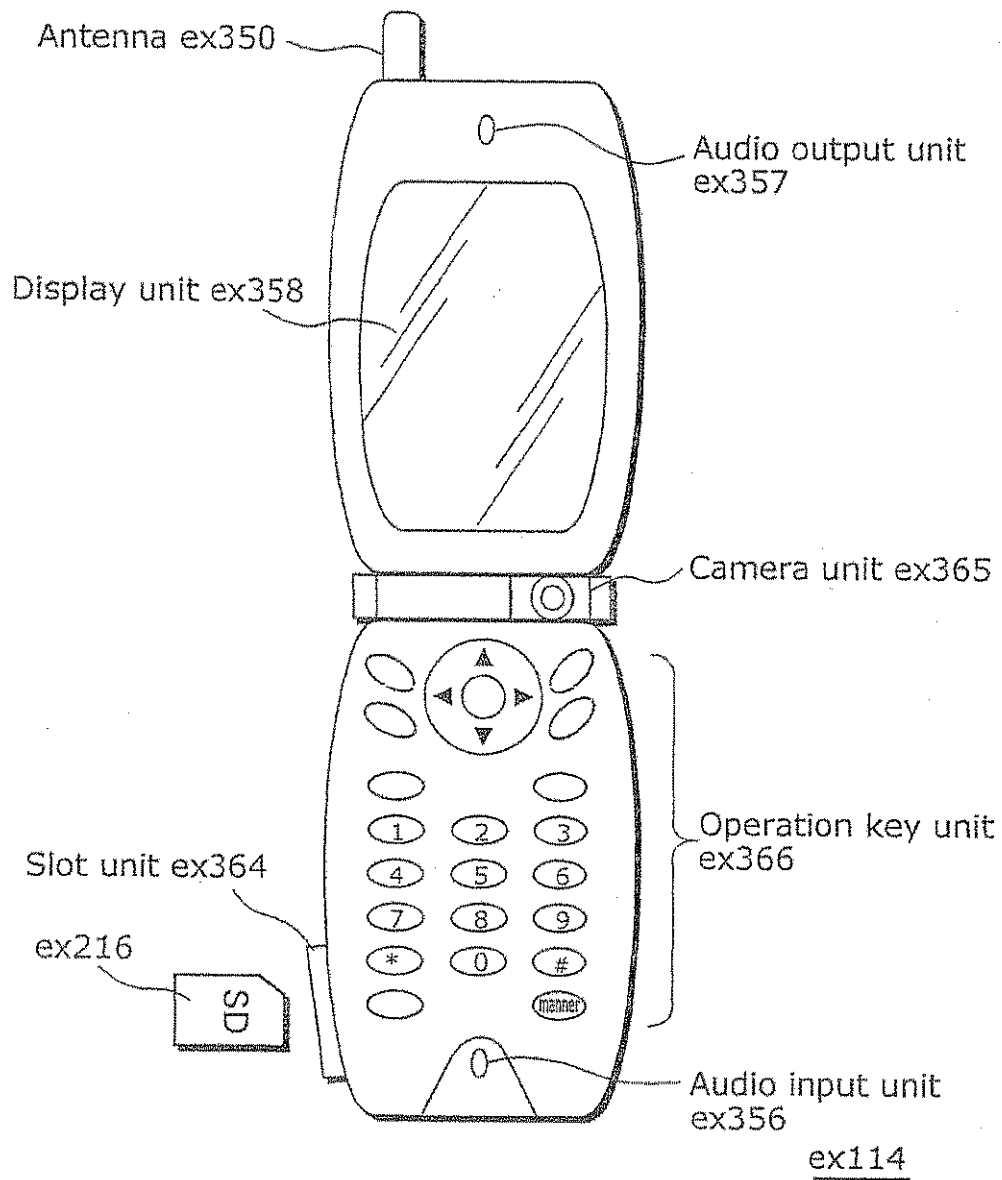


FIG. 28B

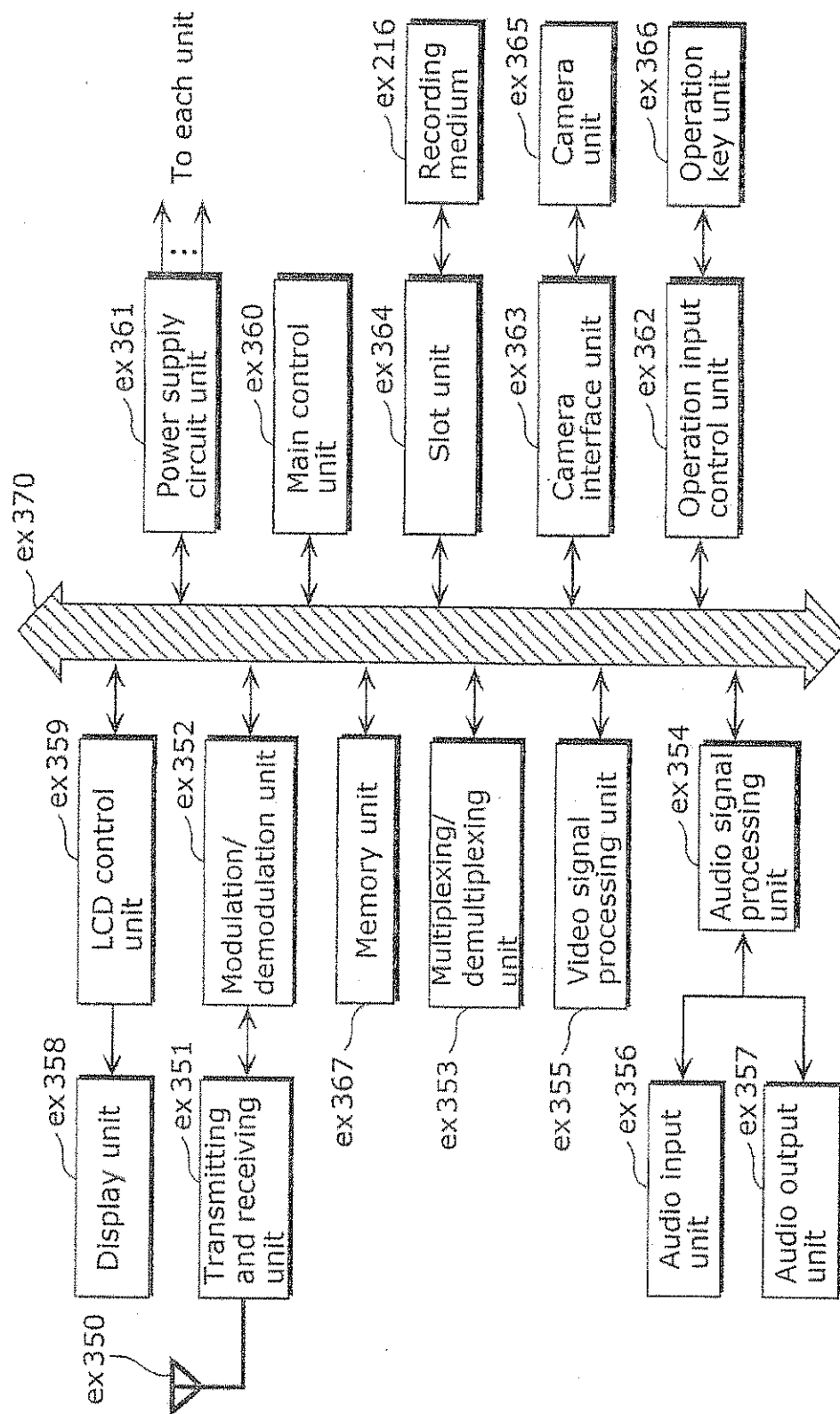


FIG. 29

Video stream (PID=0x1011, Primary video)
Audio stream (PID=0x1100)
Audio stream (PID=0x1101)
Presentation graphics stream (PID=0x1200)
Presentation graphics stream (PID=0x1201)
Interactive graphics stream (PID=0x1400)
Video stream (PID=0x1B00, Secondary video)
Video stream (PID=0x1B01, Secondary video)

FIG. 30

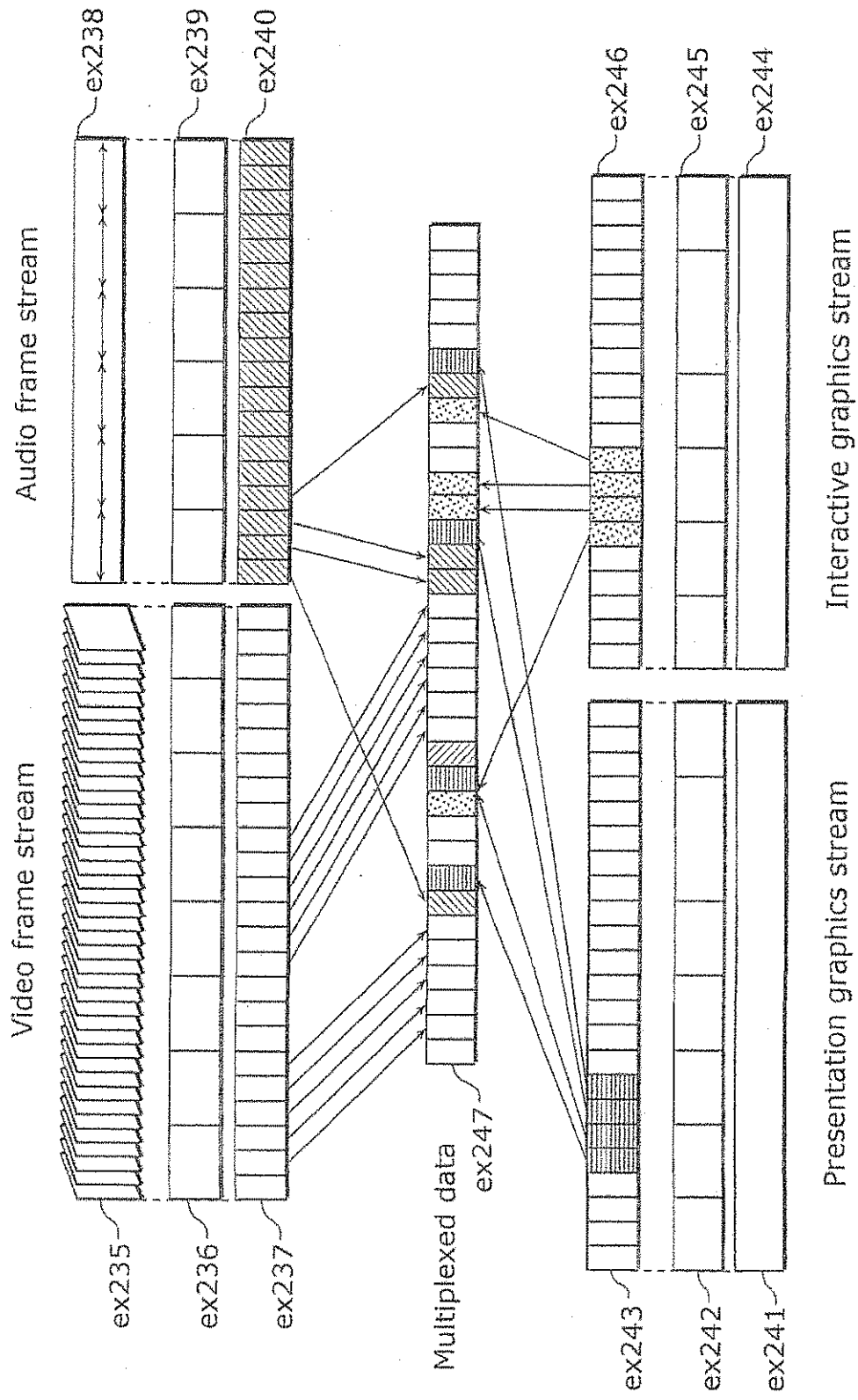
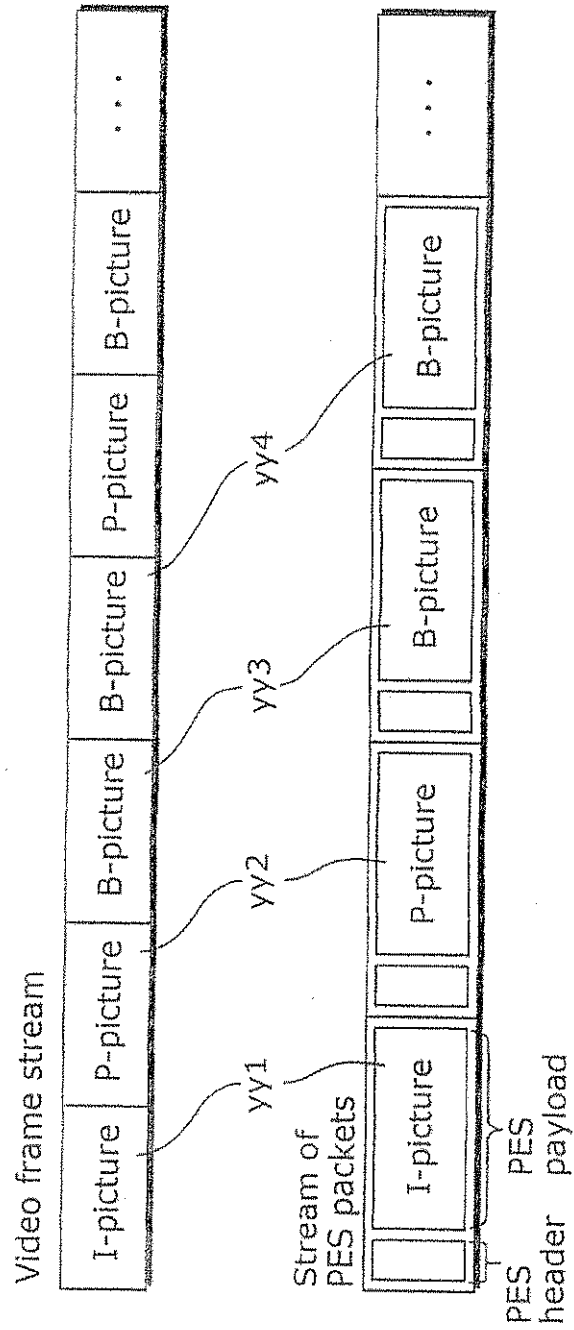
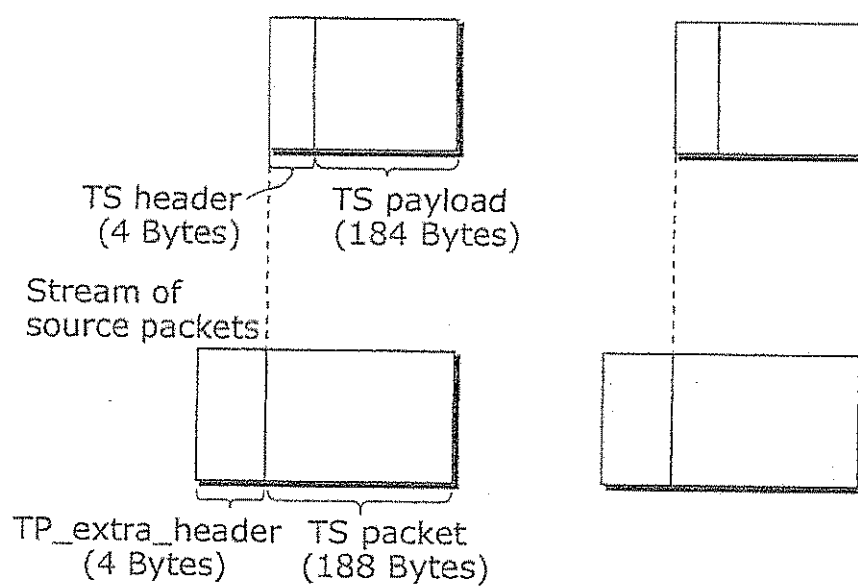


FIG. 31



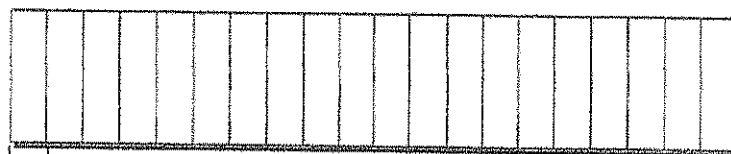
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FIG. 32

Stream of TS packets



Multiplexed data

SPN 0 1 2 3 4 5 6 7 ...



Source packet

FIG. 33

Data structure of PMT

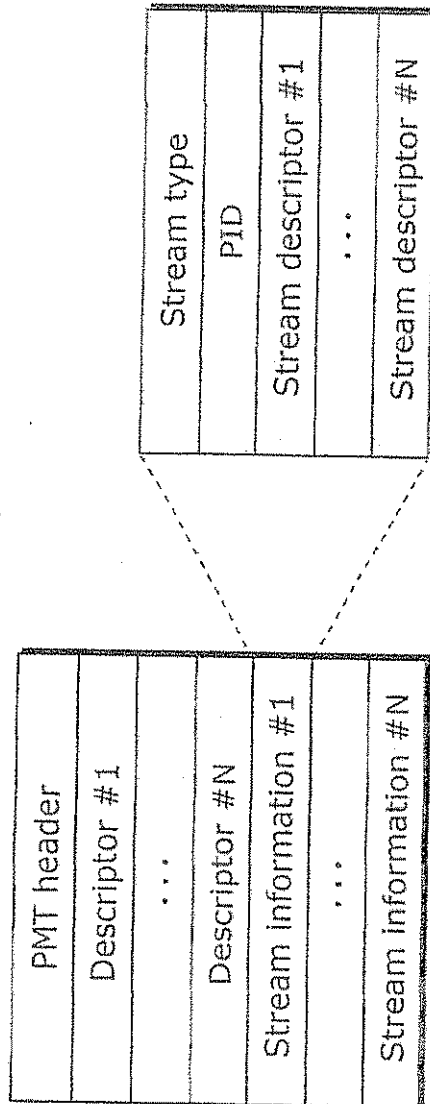


FIG. 34

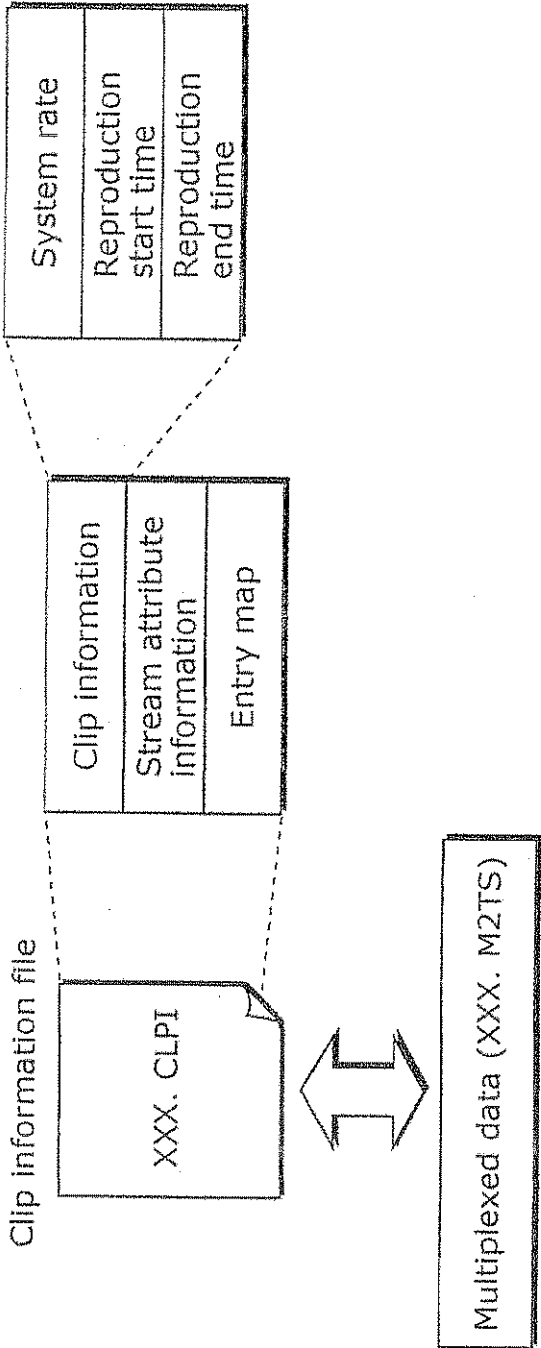


FIG. 35

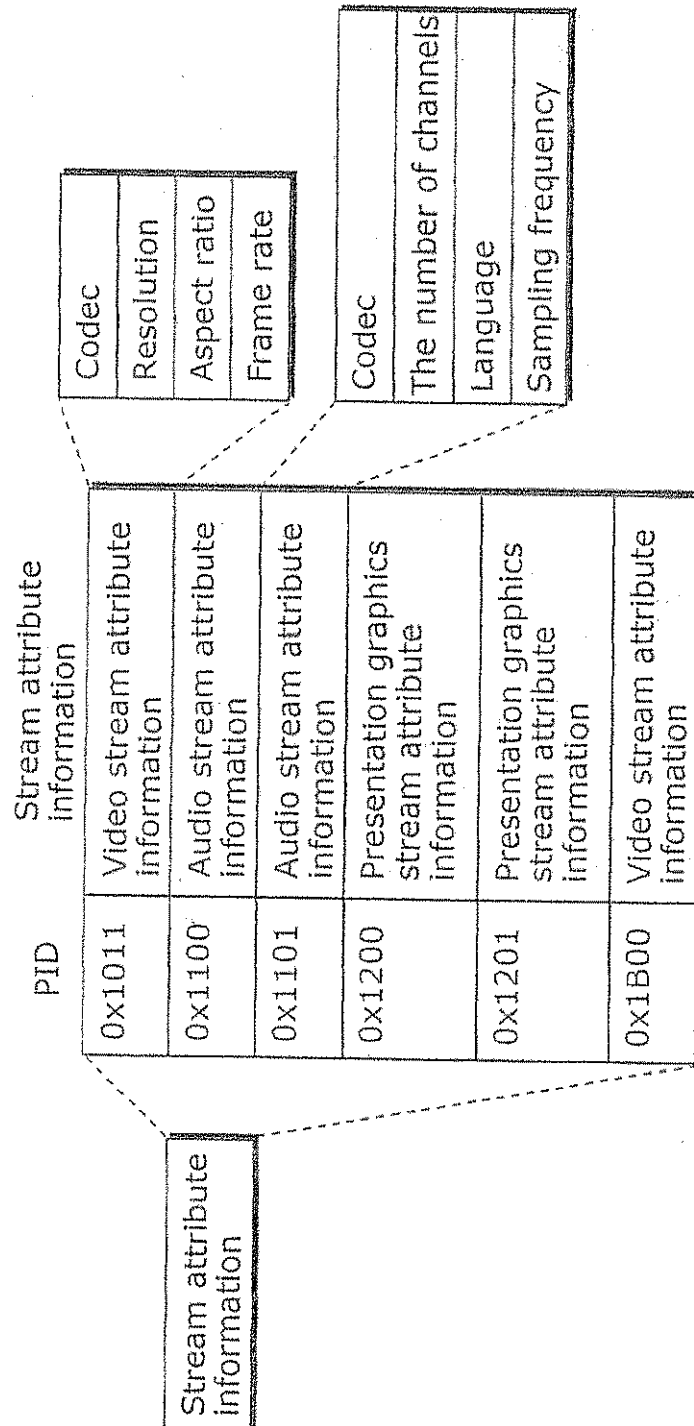


FIG. 36

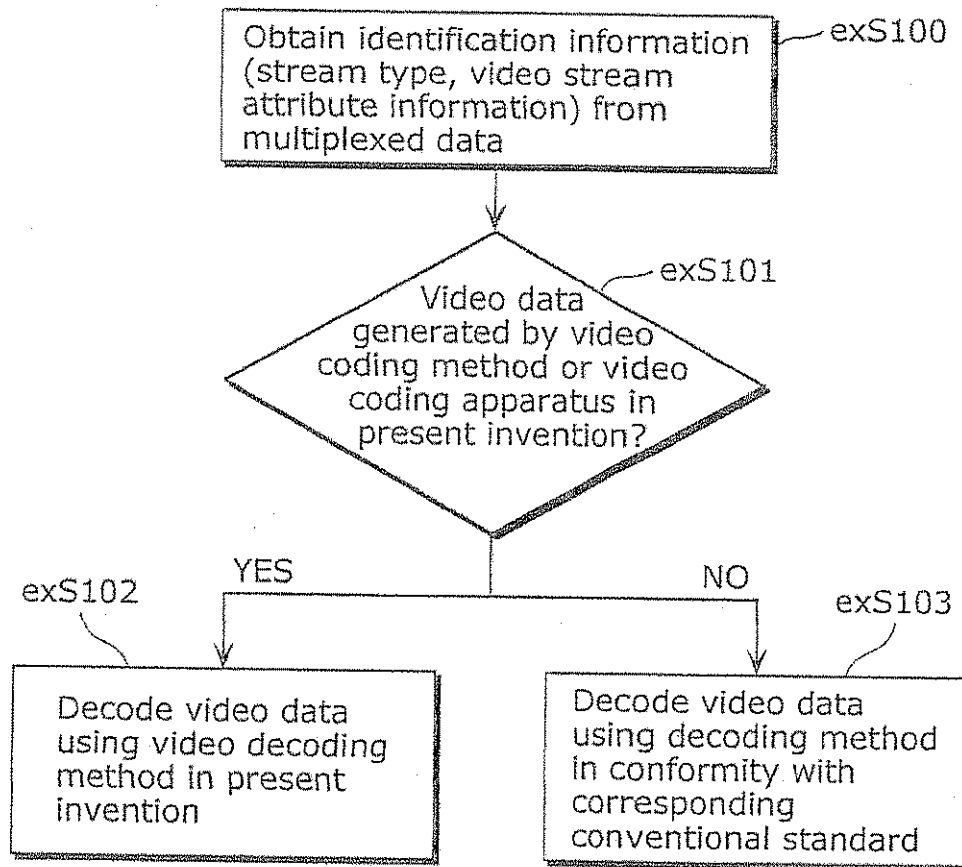


FIG. 37

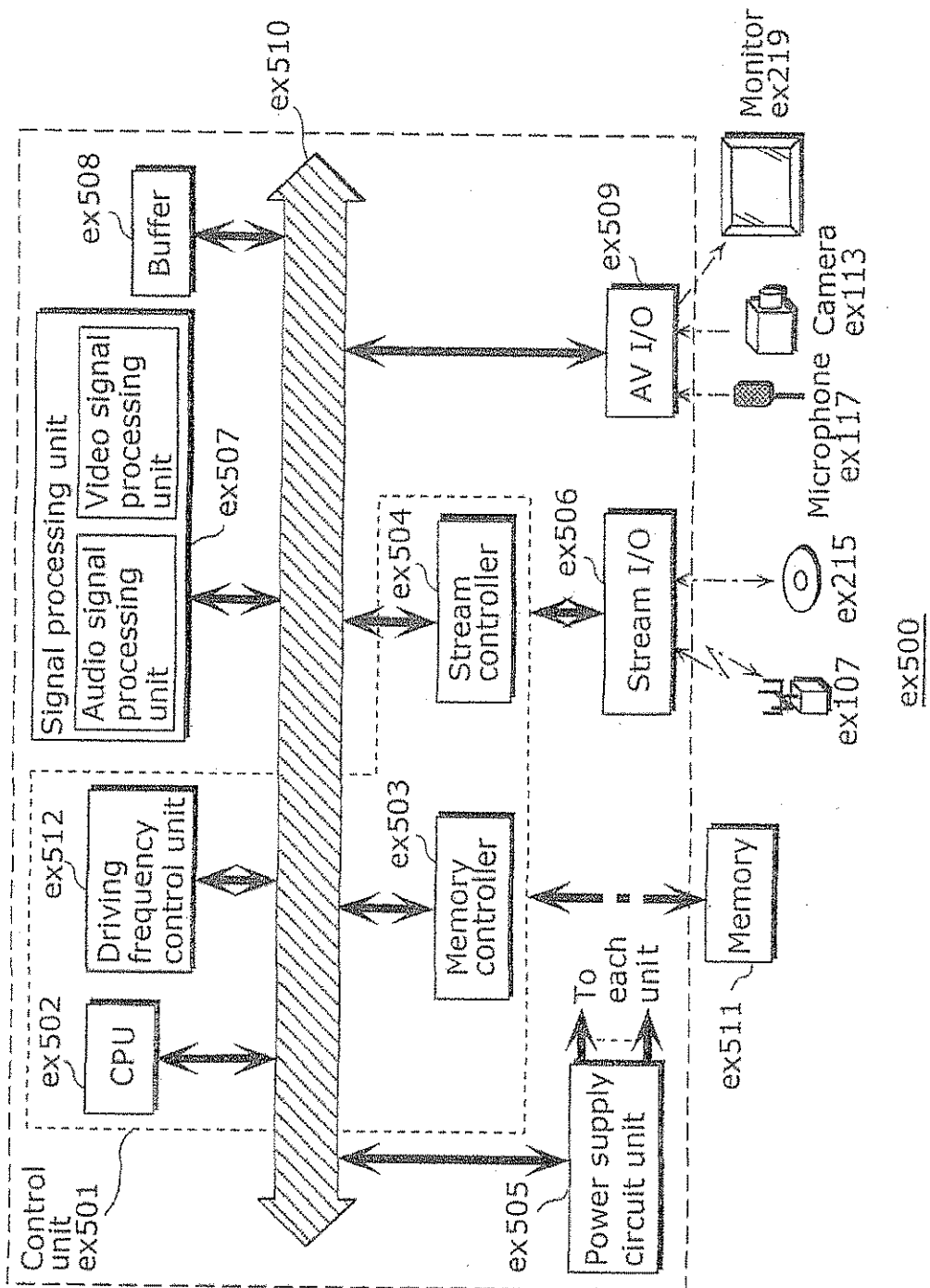


FIG. 38

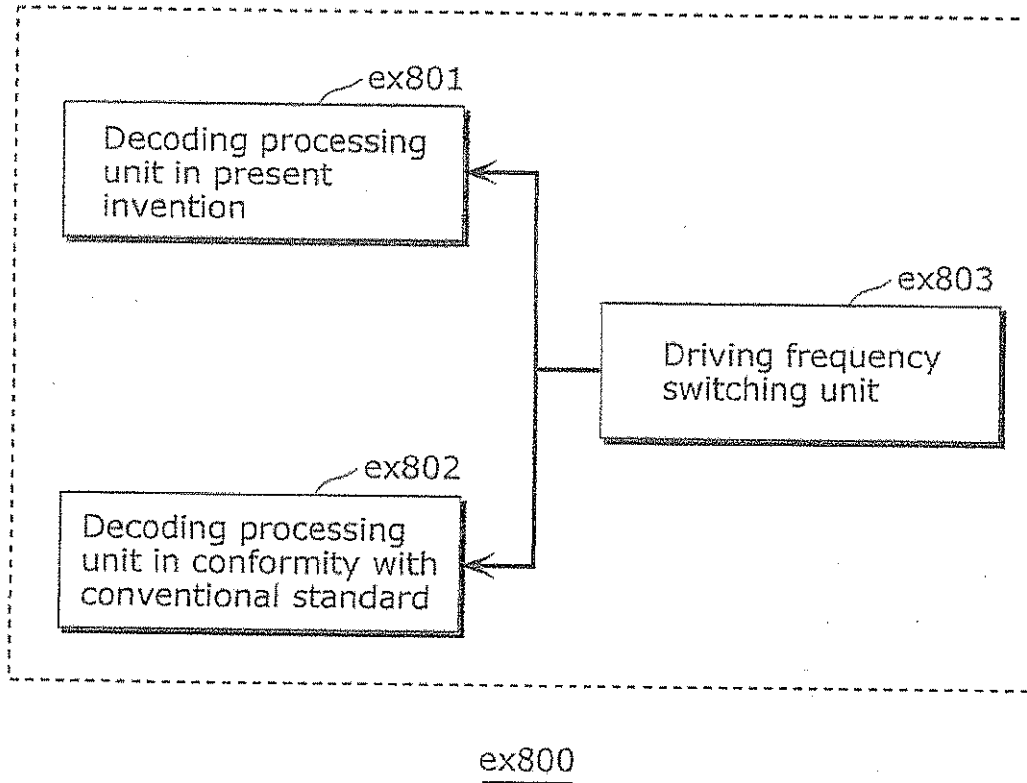
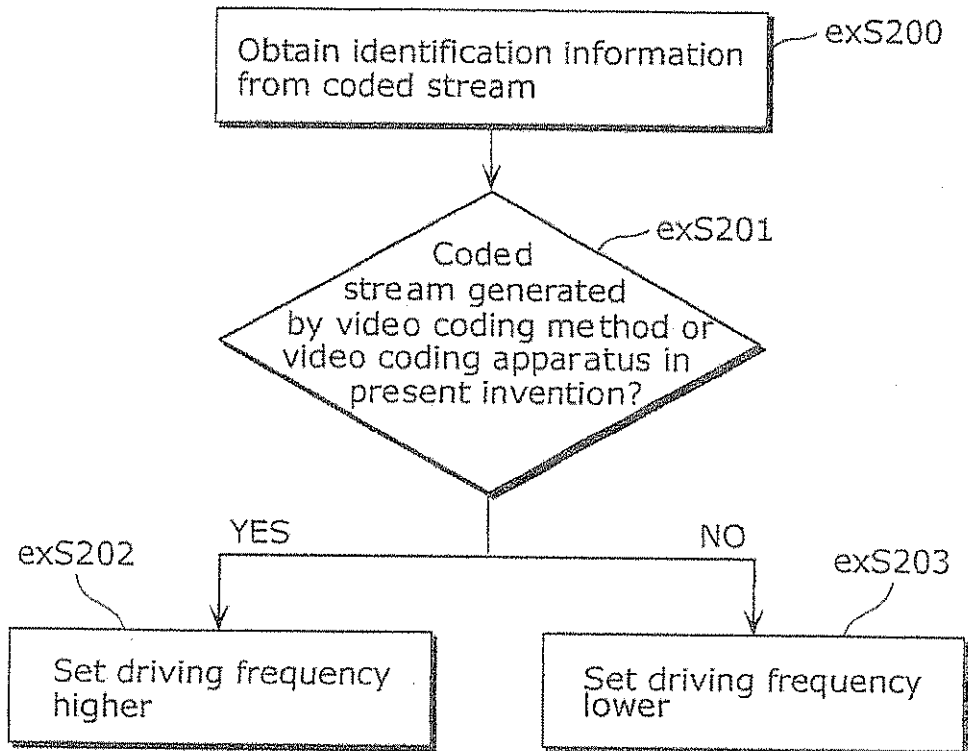


FIG. 39



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FIG. 40

Corresponding standard	Driving frequency
MPEG-4 AVC	500 MHz
MPEG-2	350 MHz
⋮	⋮

FIG. 41A

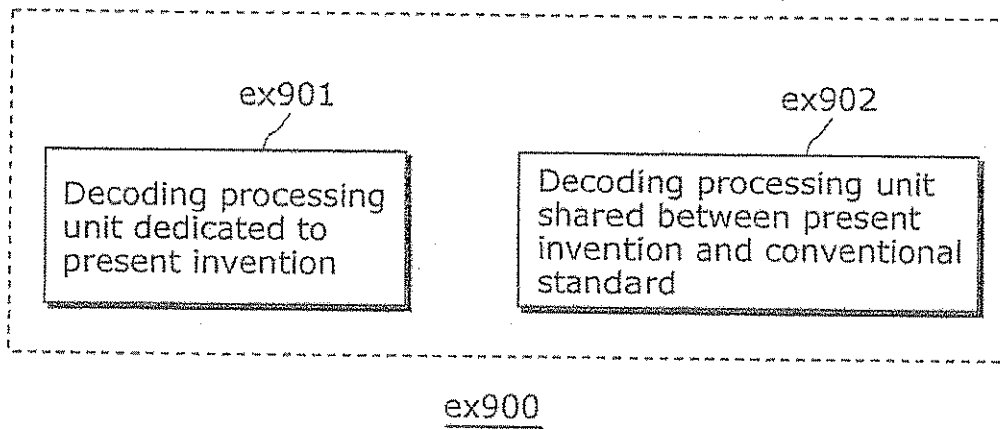


FIG. 41B

