

FIG. 1A

sao_type_idx[cIdx][rx][ry]	SAO type (informative)
0	Not applied
1	1D 0-degree edge offset
2	1D 90-degree edge offset
3	1D 135-degree edge offset
4	1D 45-degree edge offset
5	Band offset

FIG. 1B

sao_band_position[cIdx][rx][ry] : xxxxx / bypass coding

FIG. 1C

sao_offset[cIdx][rx][ry][i] : XXX / context coding

FIG. 1D

sao_offset_sign[cIdx][rx][ry][i] : X / bypass coding

FIG. 2

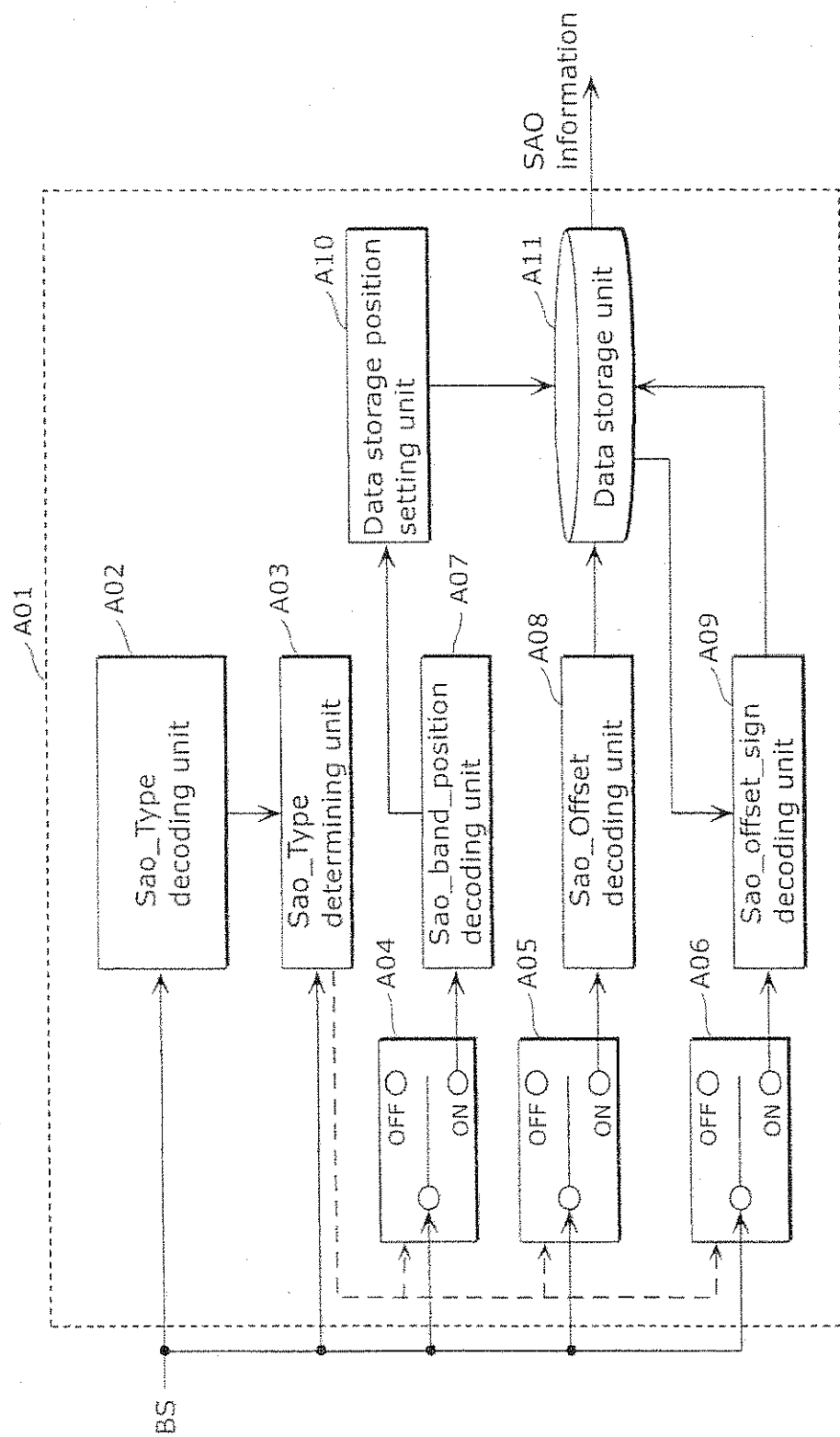


FIG. 3

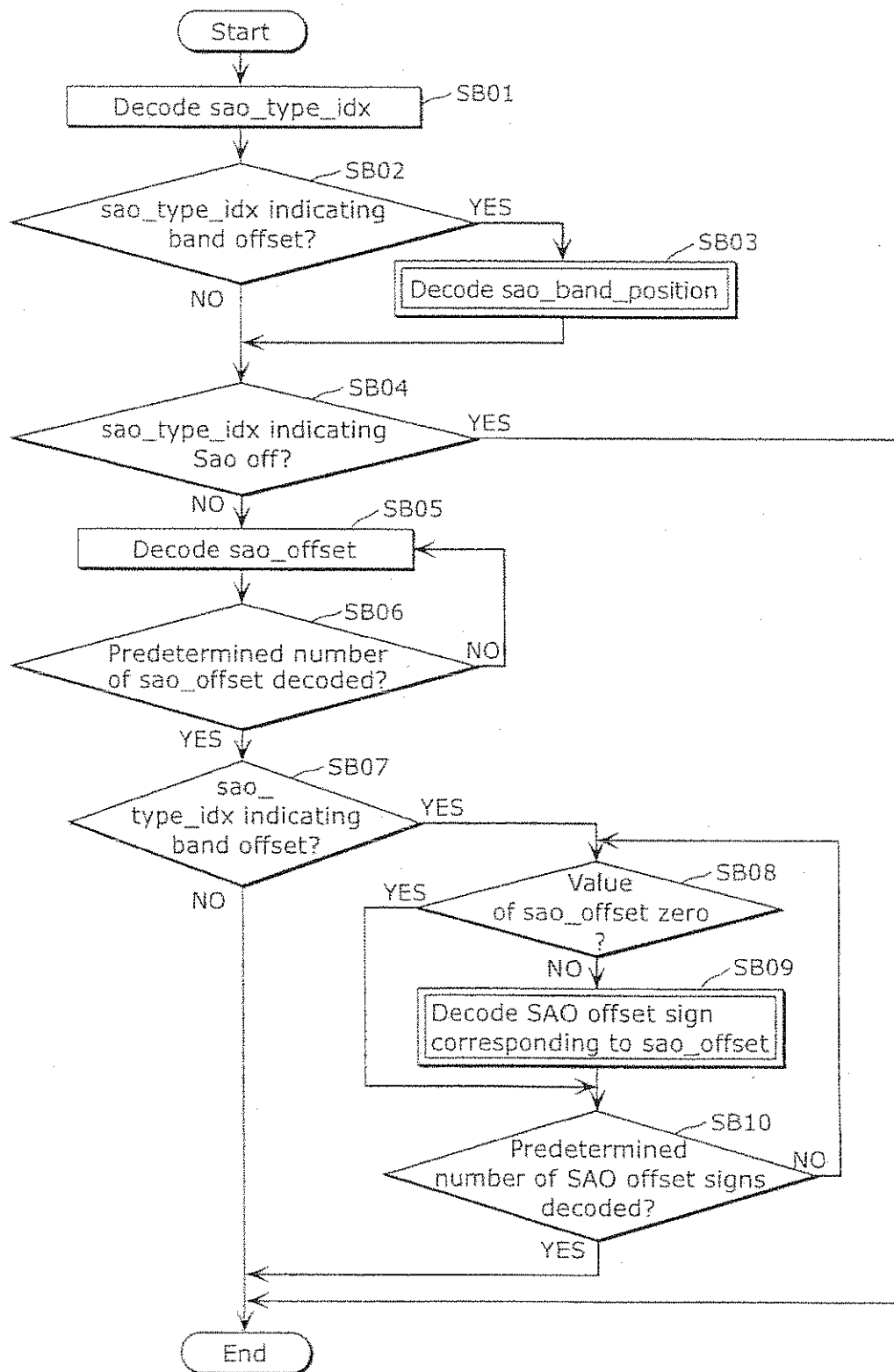


FIG. 4

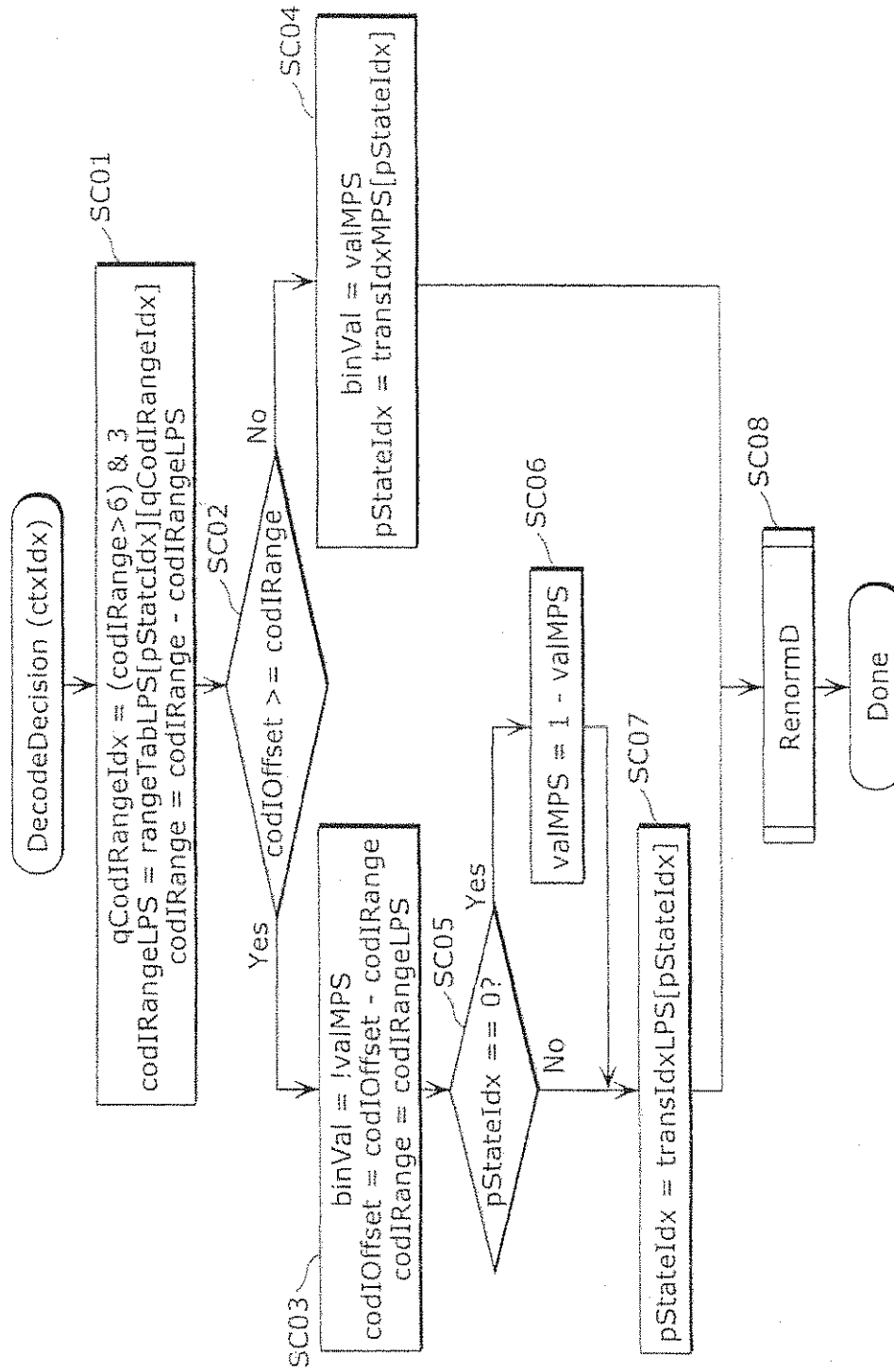


FIG. 5

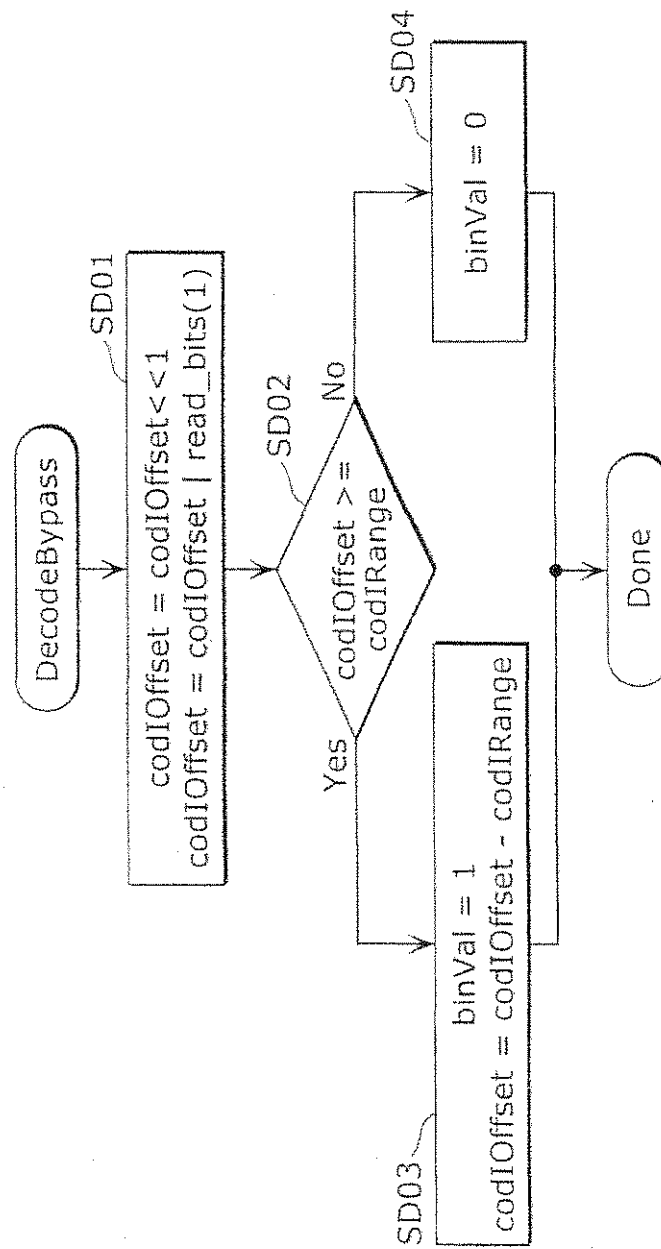


FIG. 6

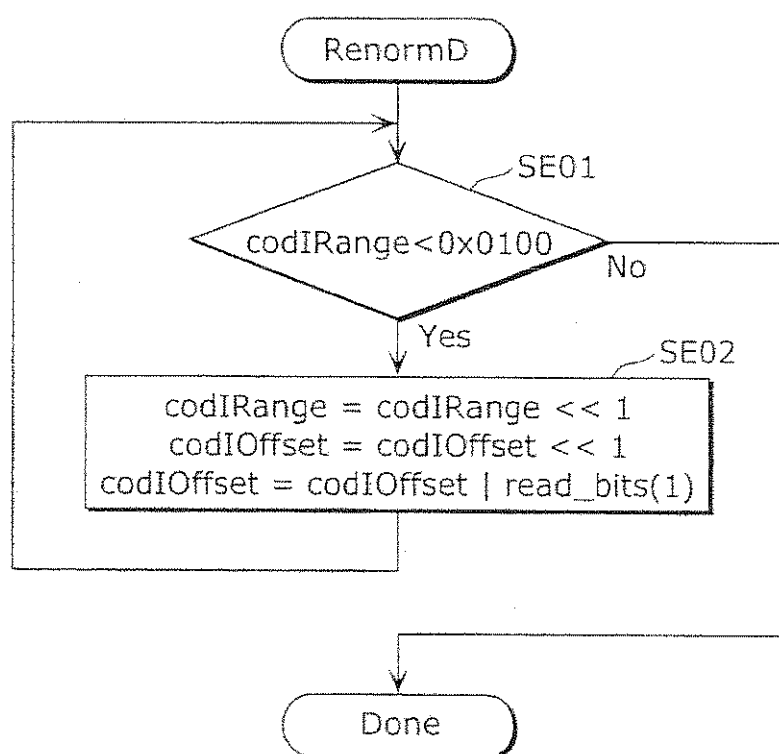


FIG. 7

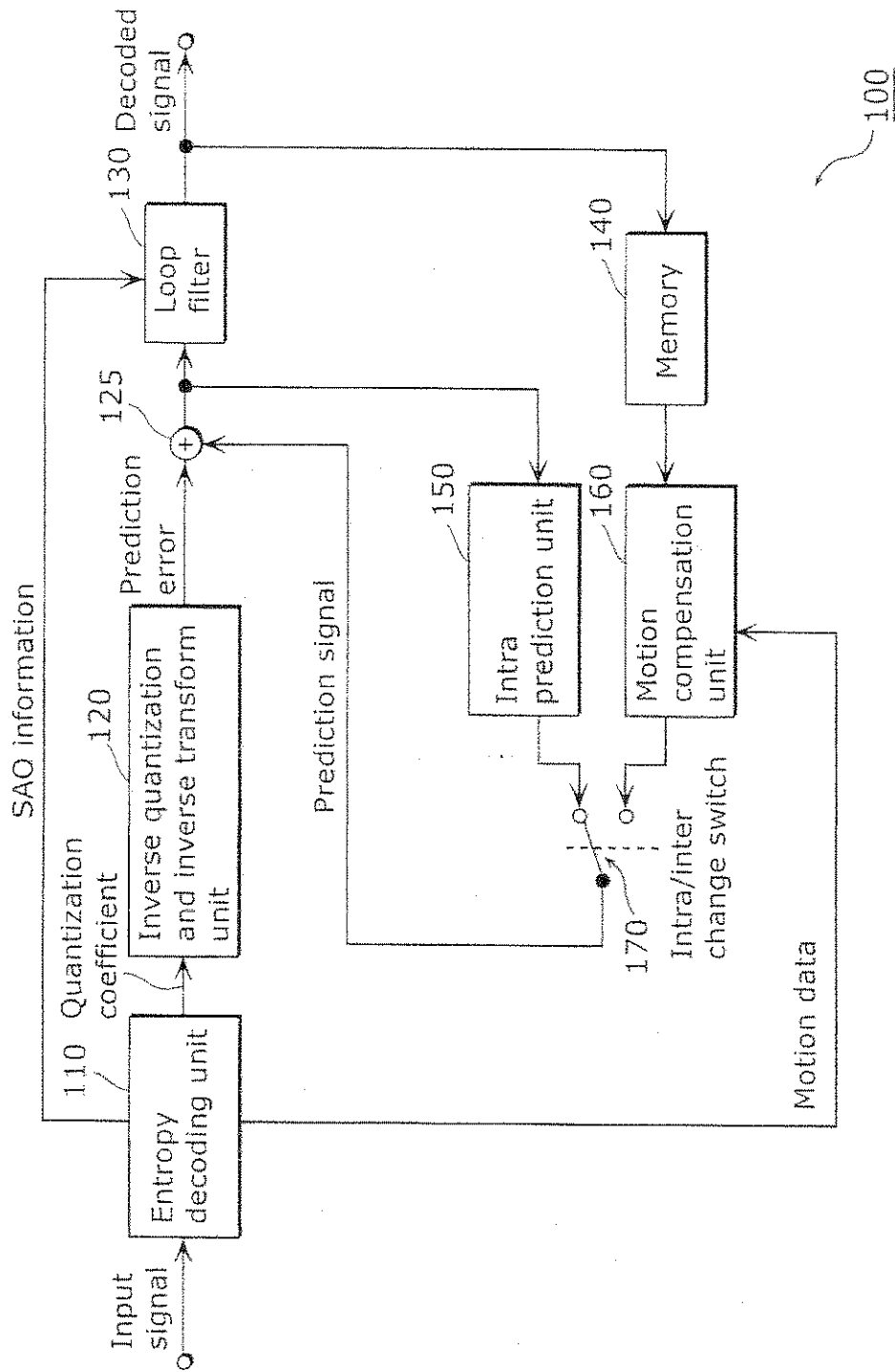


FIG. 8

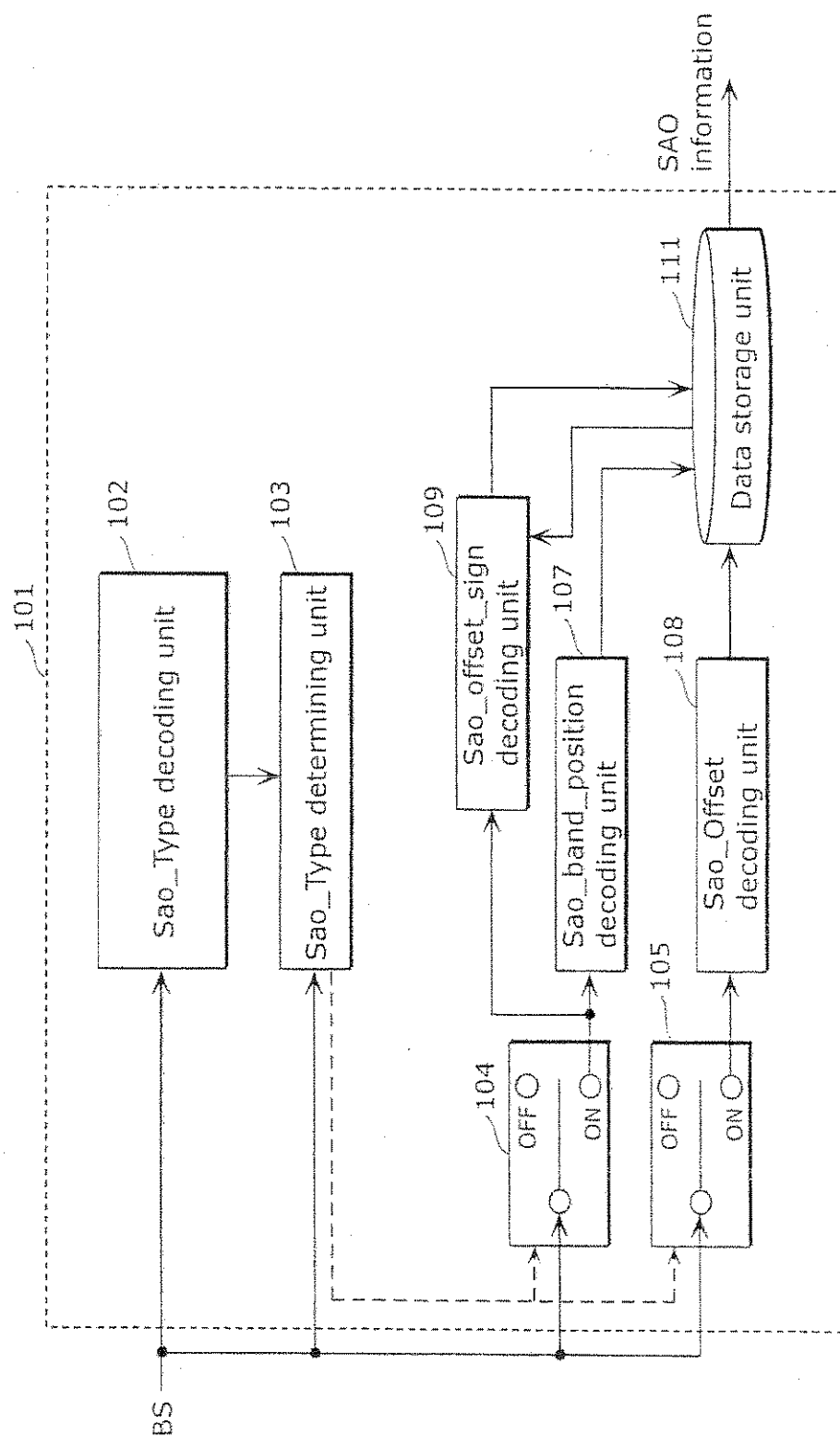


FIG. 9

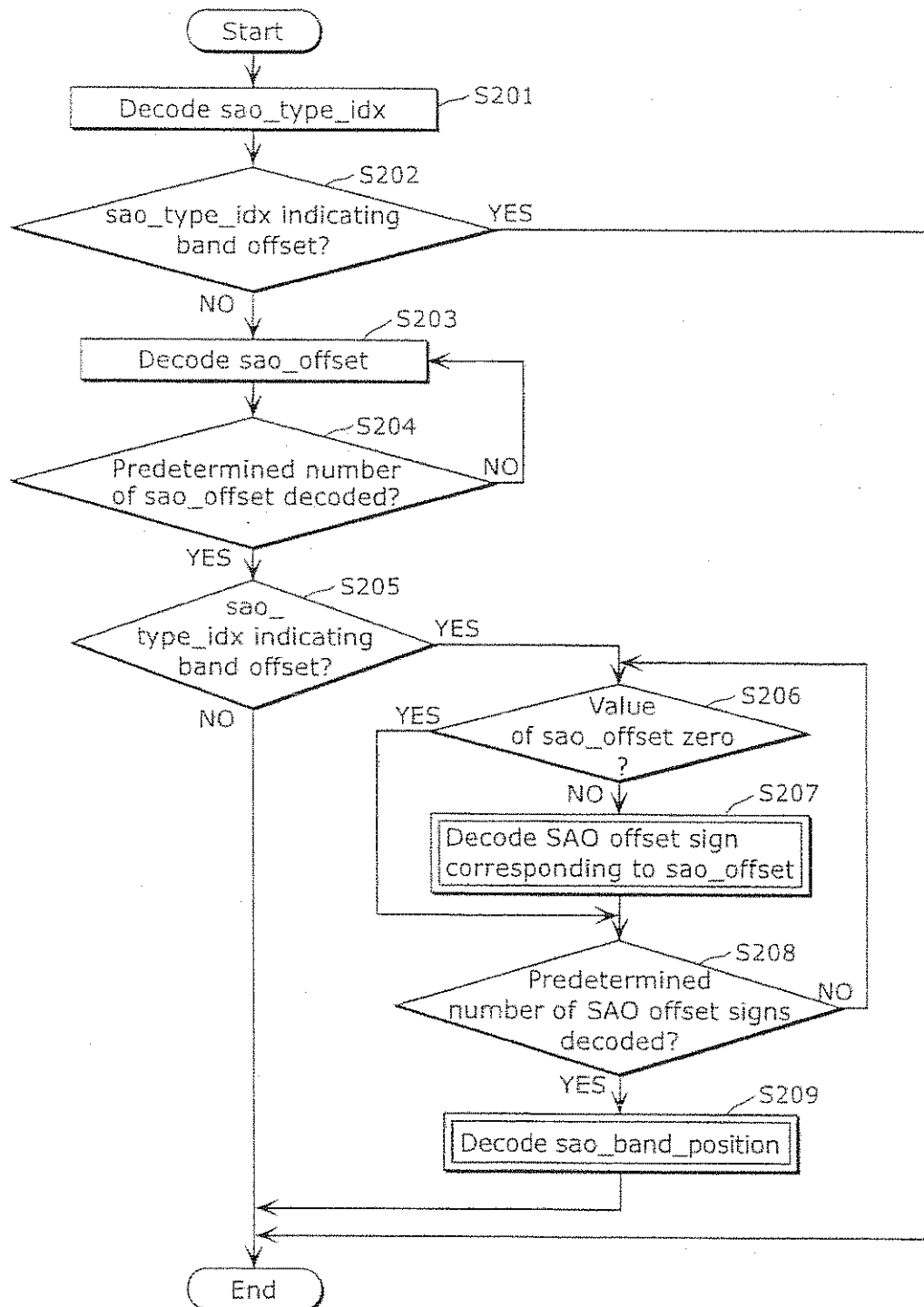


FIG. 10A

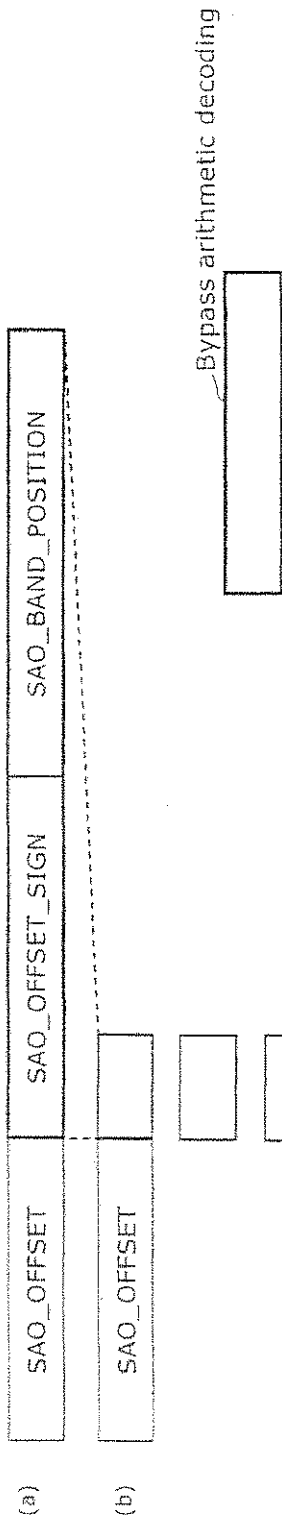


FIG. 10B

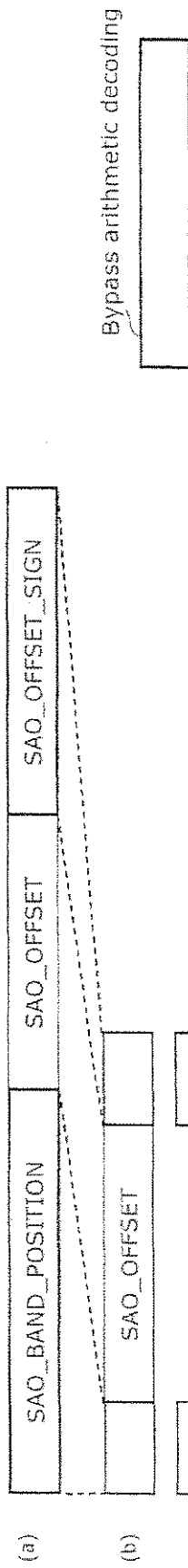
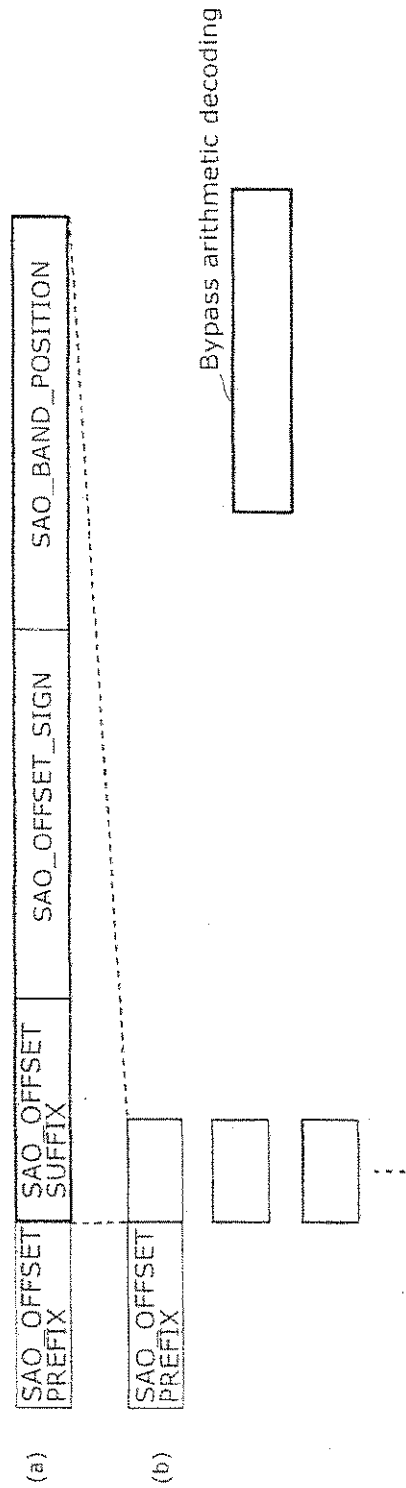


FIG. 10C



THE

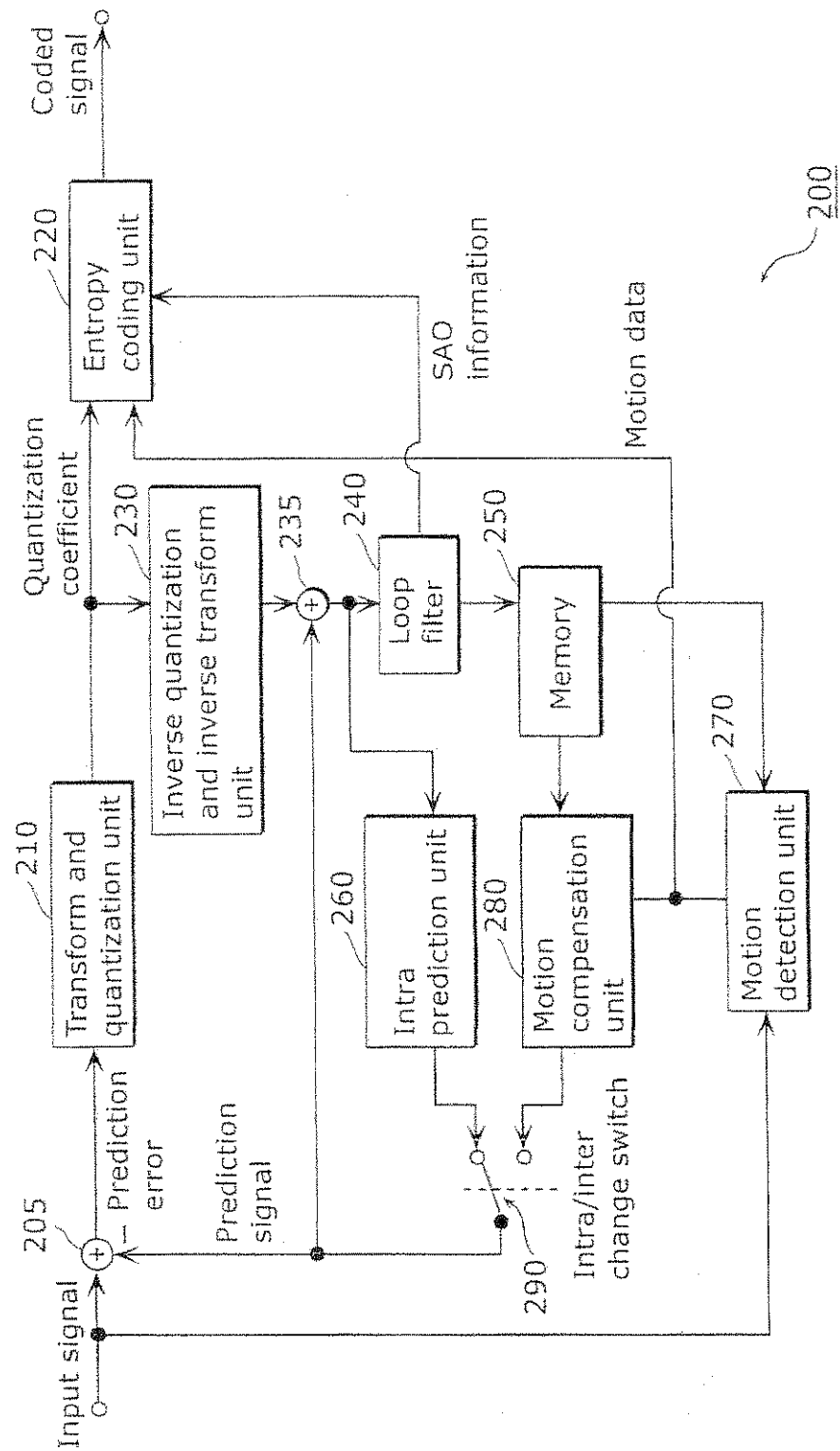


FIG. 12

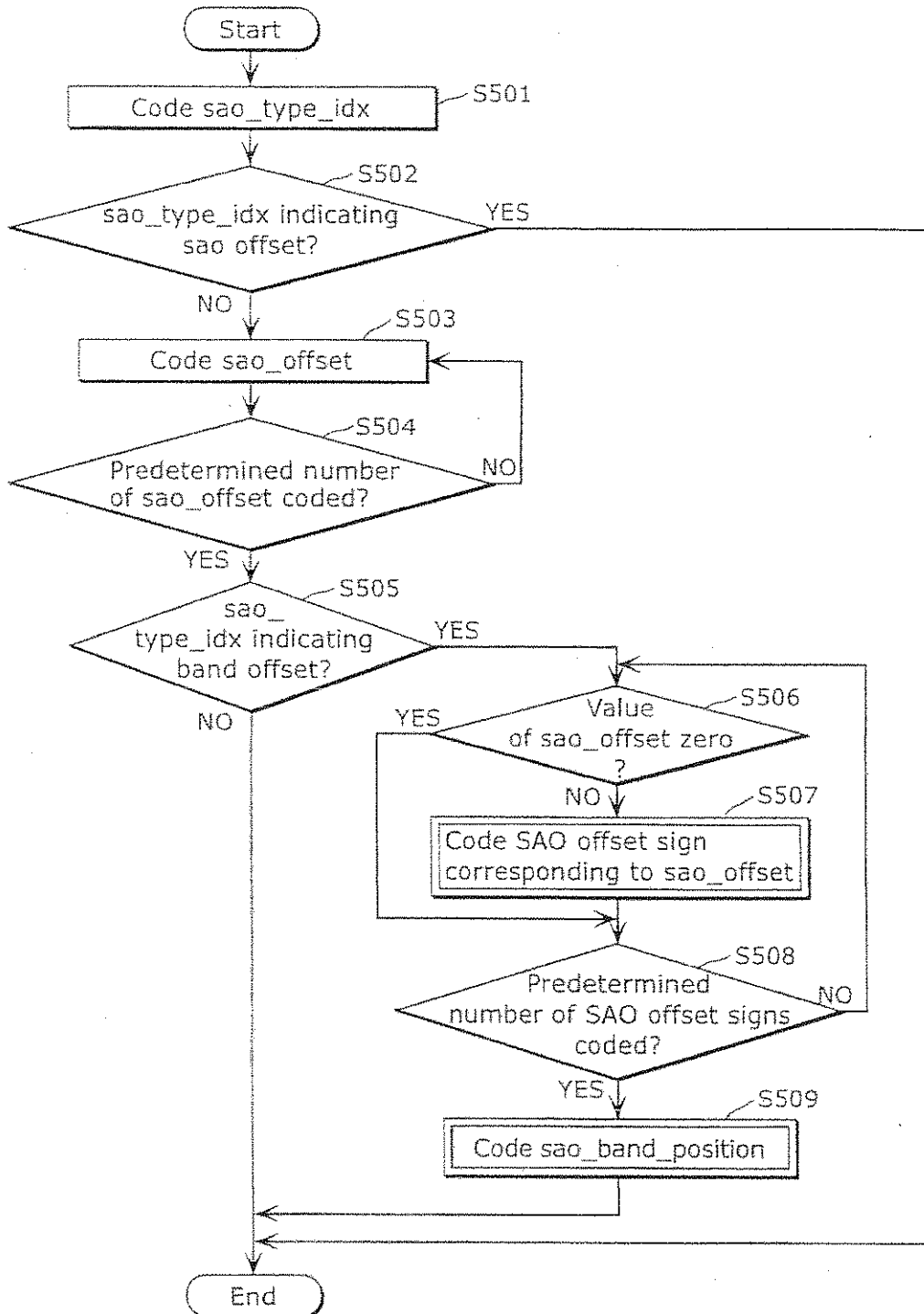


FIG. 13A

sao_offset_cabac(rx, ry, cIdx) {	Descriptor
sao_type_idx[cIdx][rx][ry]	ae(v)
if(sao_type_idx[cIdx][rx][ry] == 5)	
sao_band_position[cIdx][rx][ry]	ae(v)
if(sao_type_idx[cIdx][rx][ry] != 0) {	
for(i = 0; i < 4; i++)	
sao_offset[cIdx][rx][ry][i]	ae(v)
}	
if(sao_type_idx[cIdx][rx][ry] == 5) {	
for(i = 0; i < 4; i++) {	
if(sao_offset[cIdx][rx][ry] != 0)	
sao_offset_sign[cIdx][rx][ry][i]	ae(v)
}	
}	
}	

FIG. 13B

sao_offset_cabac(rx, ry, cIdx) {	Descriptor
sao_type_idx[cIdx][rx][ry]	ae(v)
if(sao_type_idx[cIdx][rx][ry] != 0) {	
for(i = 0; i < 4; i++)	
sao_offset[cIdx][rx][ry][i]	ae(v)
if(sao_type_idx[cIdx][rx][ry] == 5) {	
for(i = 0; i < 4; i++) {	
if(sao_offset[cIdx][rx][ry] != 0)	
sao_offset_sign[cIdx][rx][ry][i]	ae(v)
}	
sao_band_position[cIdx][rx][ry]	ae(v)
}	
}	

FIG. 14

sao_offset_cabac(rx, ry, cldx) {	Descriptor
sao_type_idx[cldx][rx][ry]	ae(v)
if(sao_type_idx[cldx][rx][ry] != 0) {	
for(i = 0; i < 4; i++)	
sao_offset_prefix [cldx][rx][ry][i]	ae(v)
for(i = 0; i < 4; i++)	
sao_offset_suffix [cldx][rx][ry][i]	ae(v)
if(sao_type_idx[cldx][rx][ry] == 5) {	
for(i = 0; i < 4; i++) {	
if(sao_offset[cldx][rx][ry] != 0)	
sao_offset_sign[cldx][rx][ry][i]	ae(v)
}	
sao_band_position[cldx][rx][ry]	ae(v)
}	
}	
}	

FIG. 15A

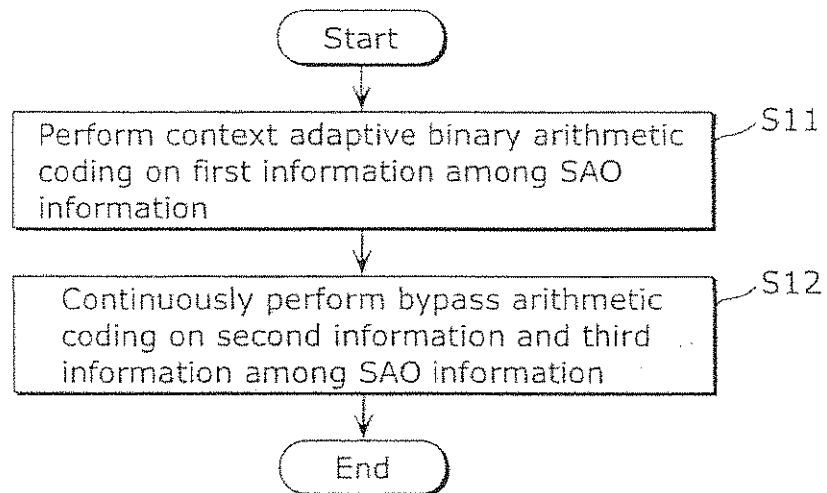


FIG. 15B

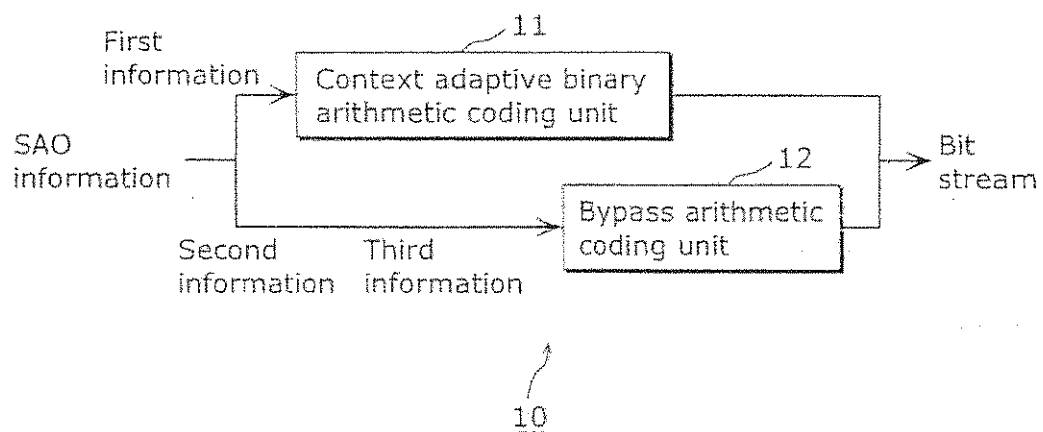


FIG. 15C

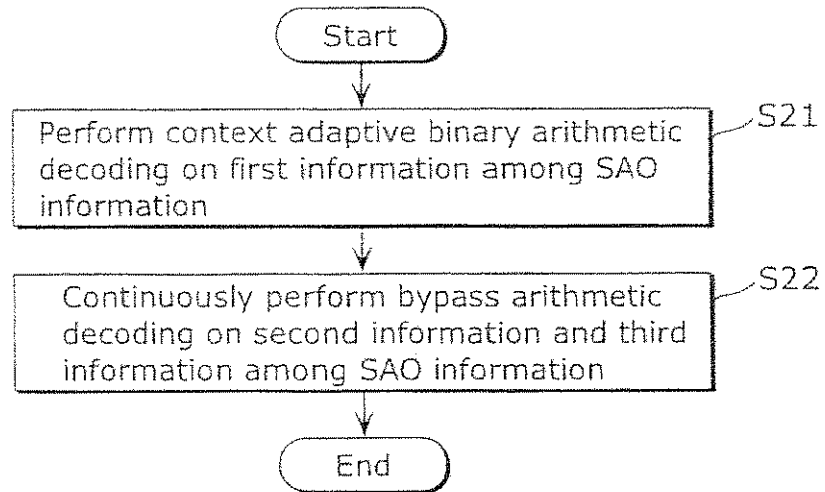


FIG. 15D

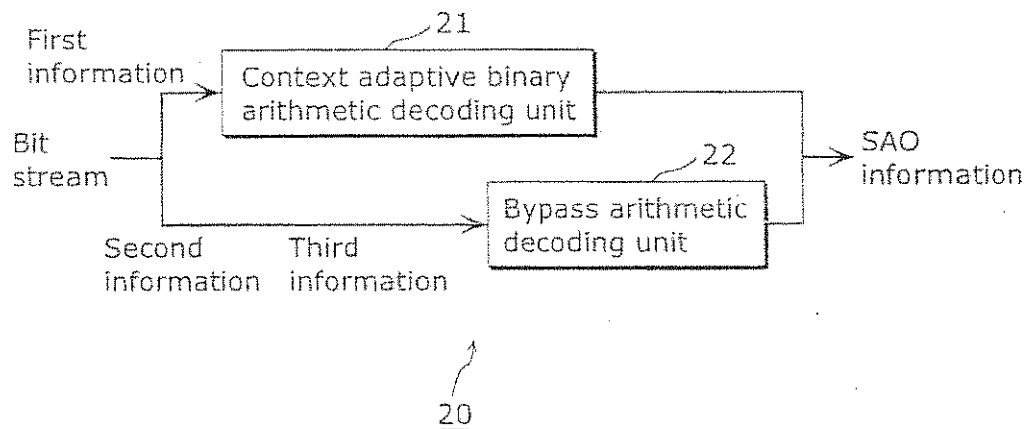


FIG. 16

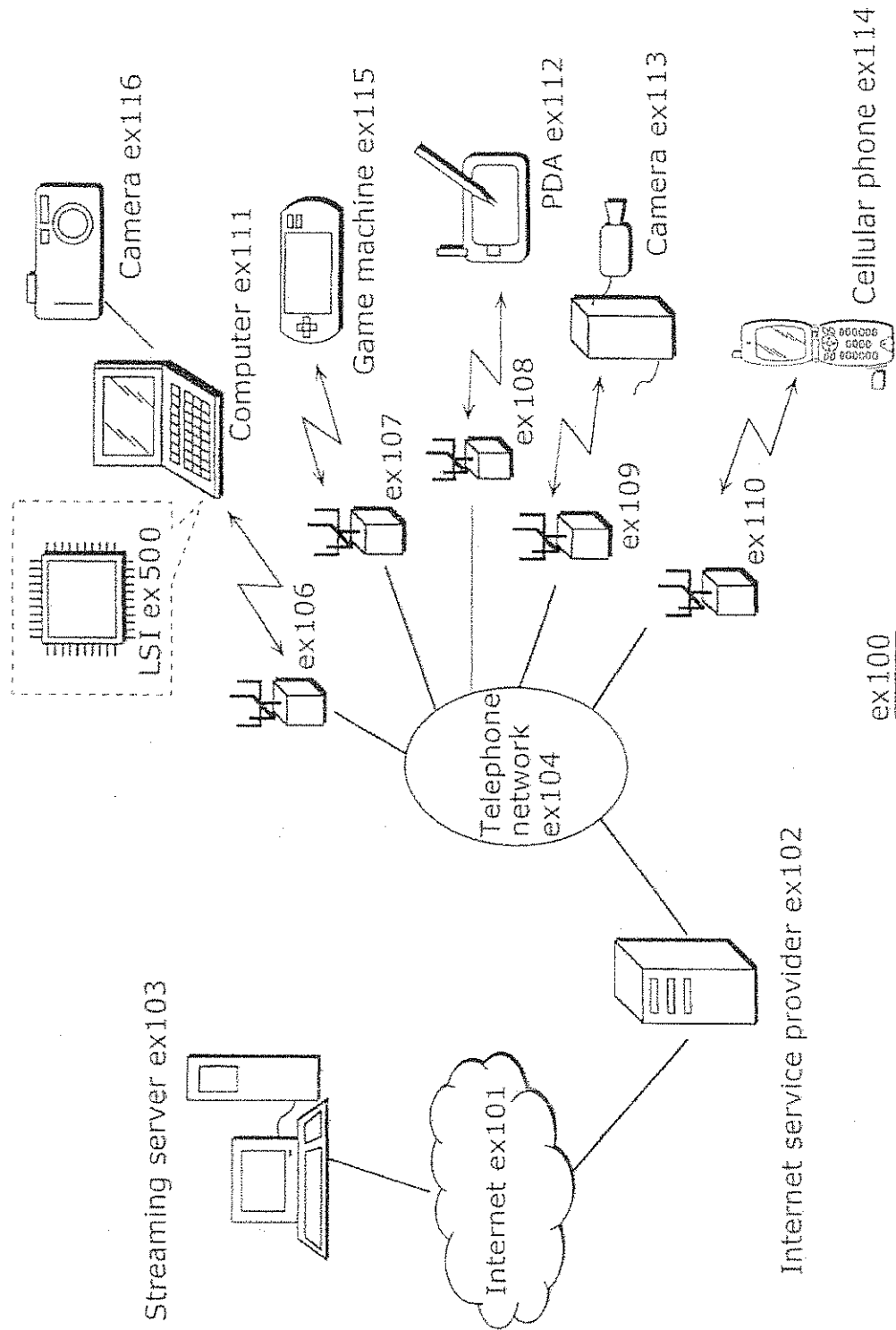


FIG. 18

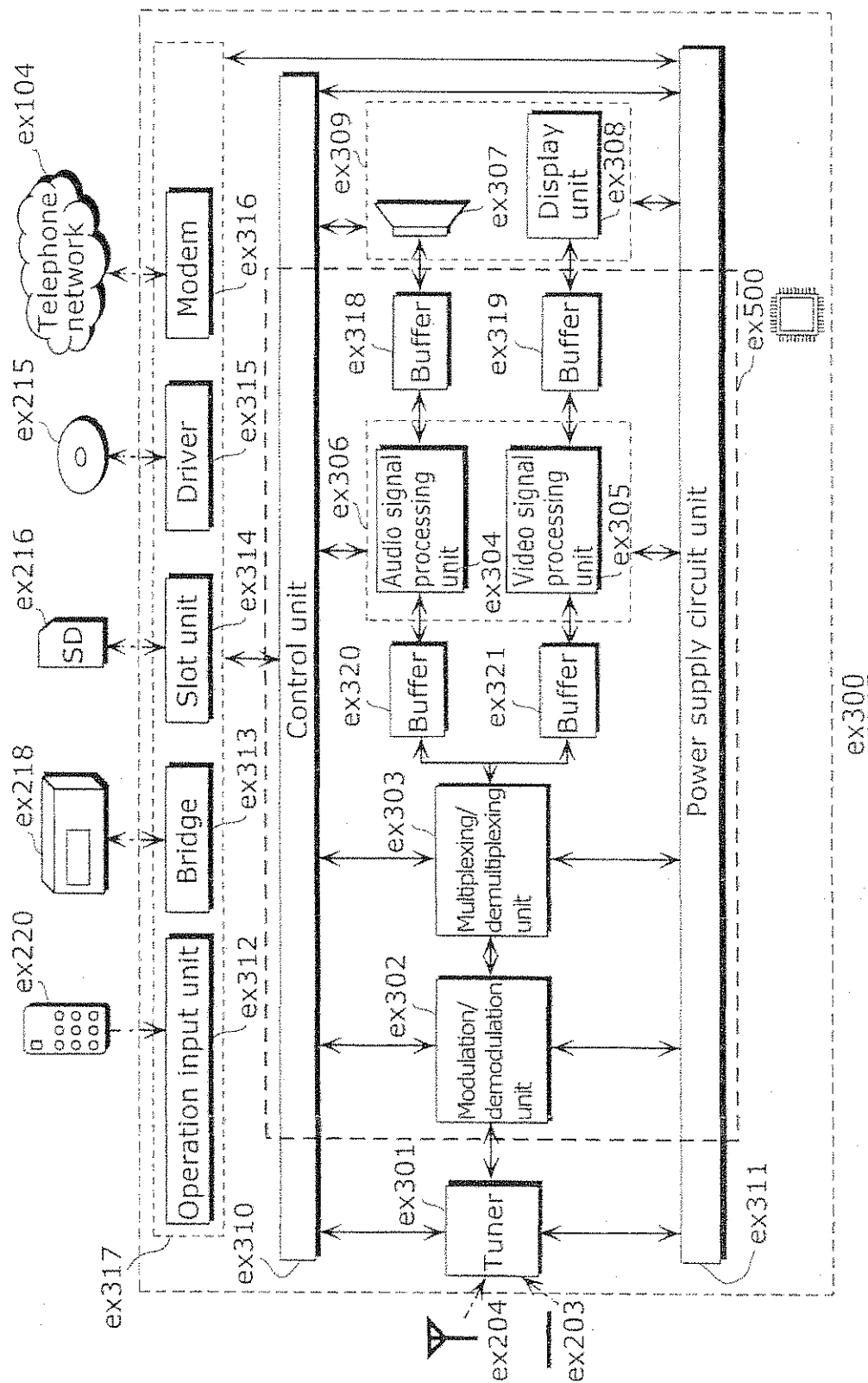


FIG. 19

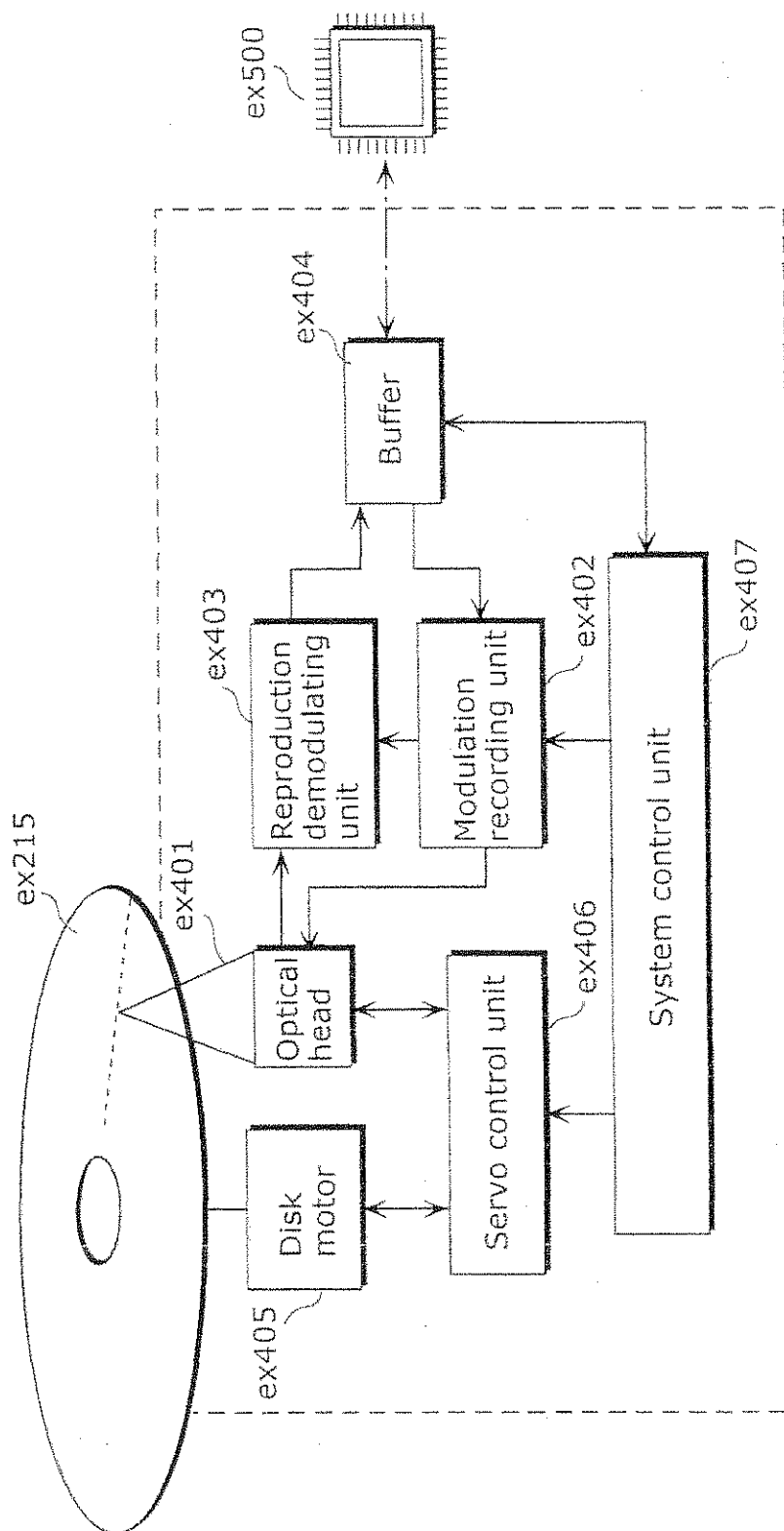


FIG. 20

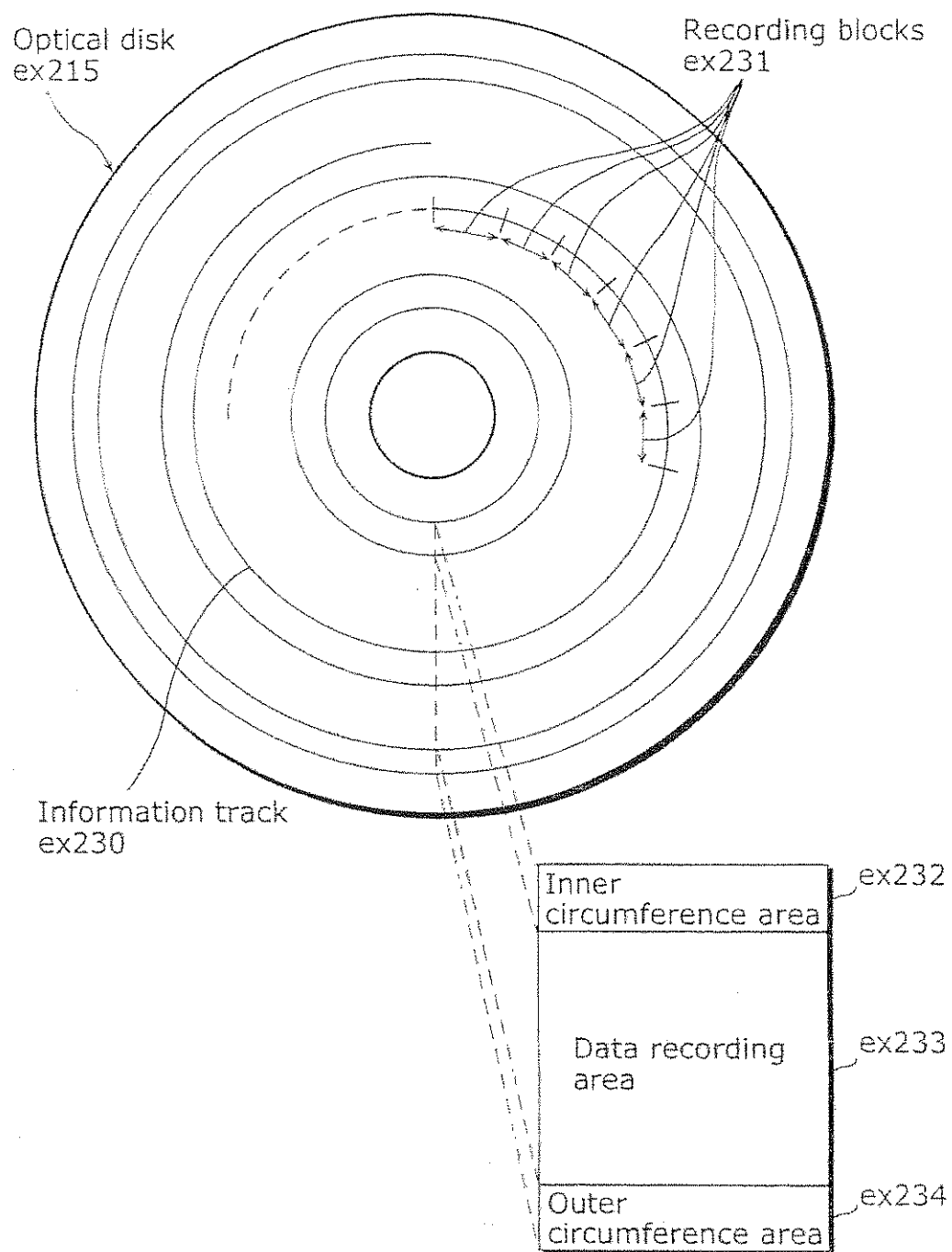


FIG. 21A

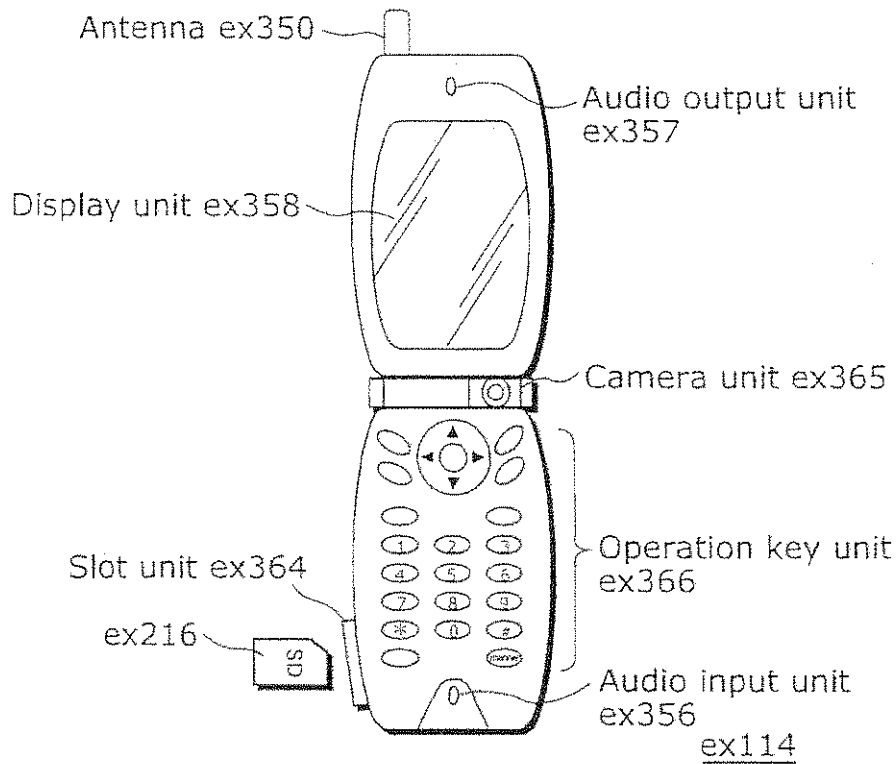


FIG. 21B

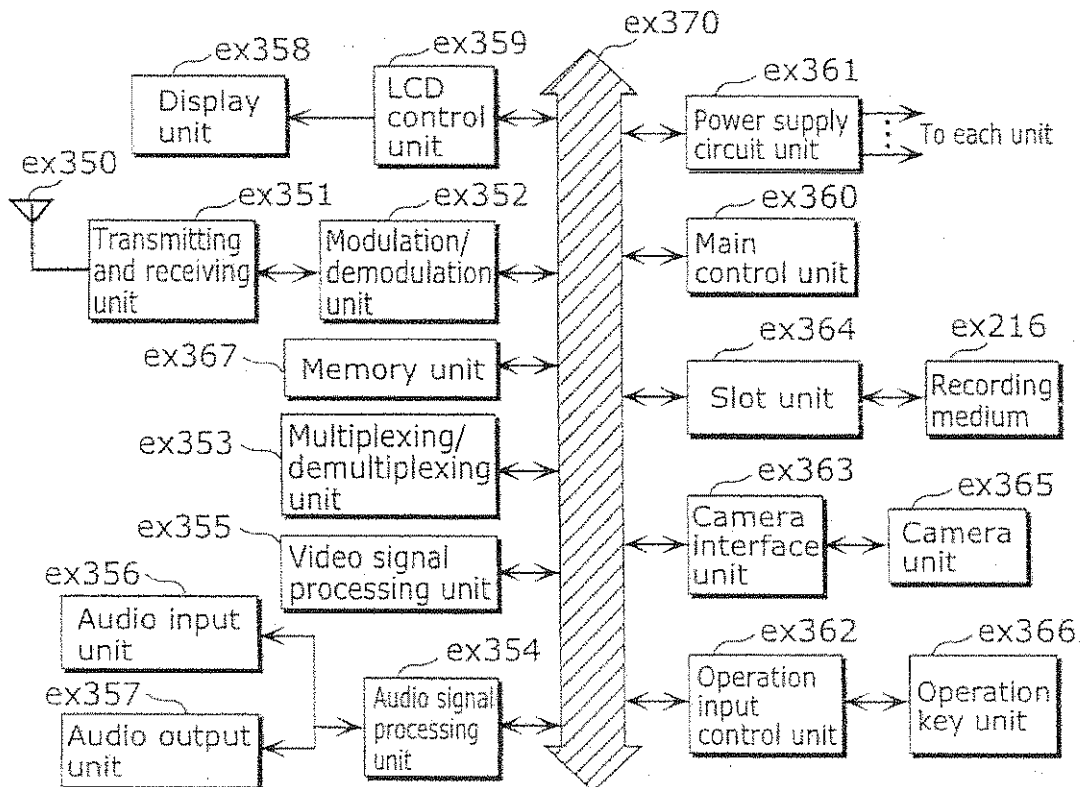


FIG. 22

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. 23

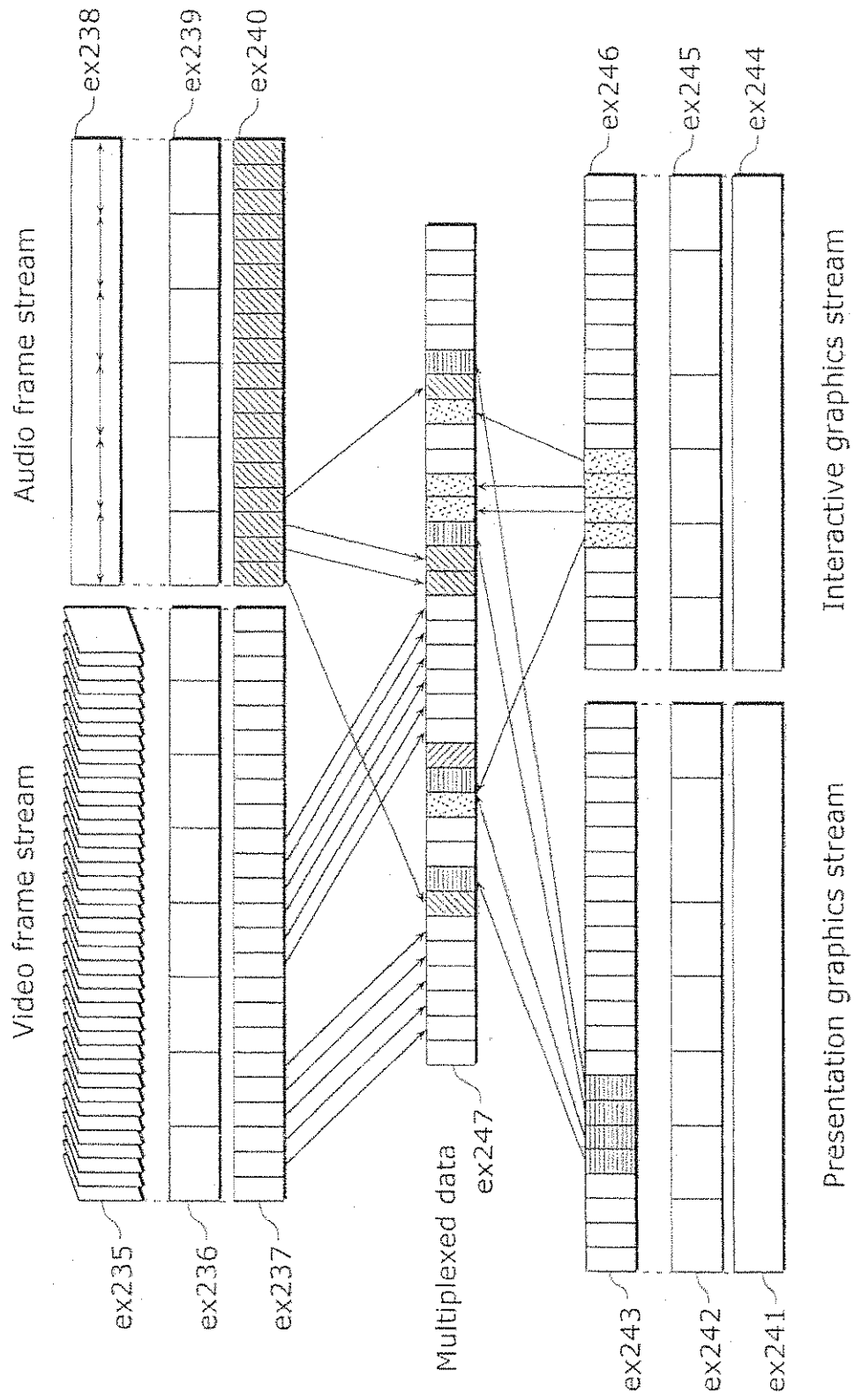


FIG. 24

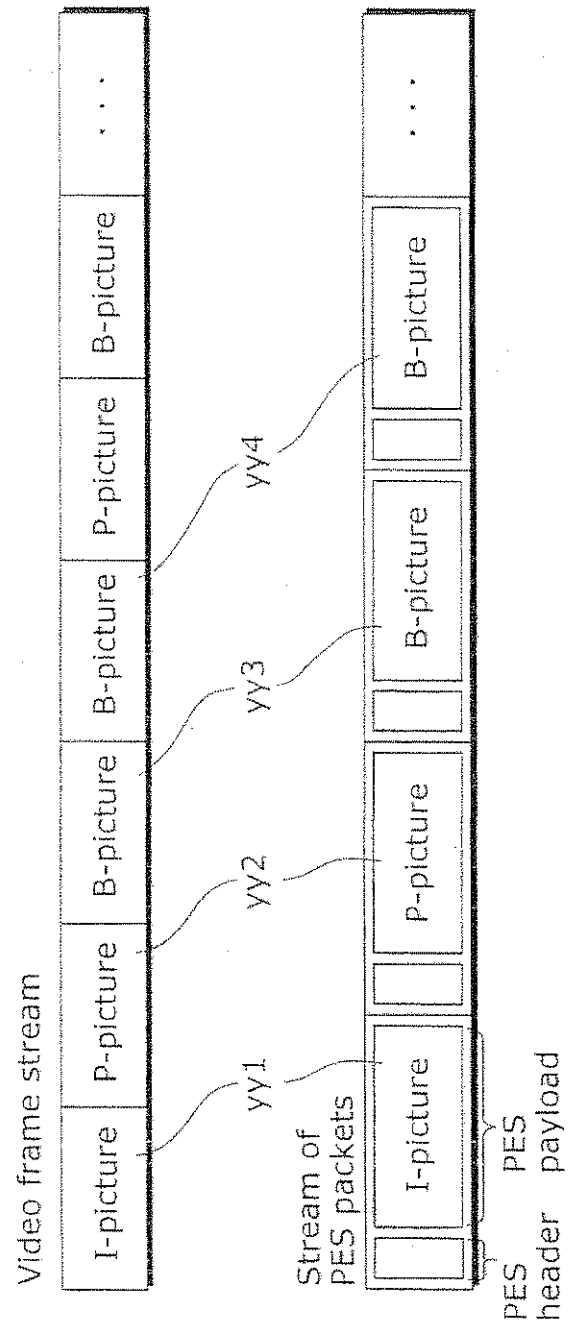


FIG. 25

Stream of TS packets

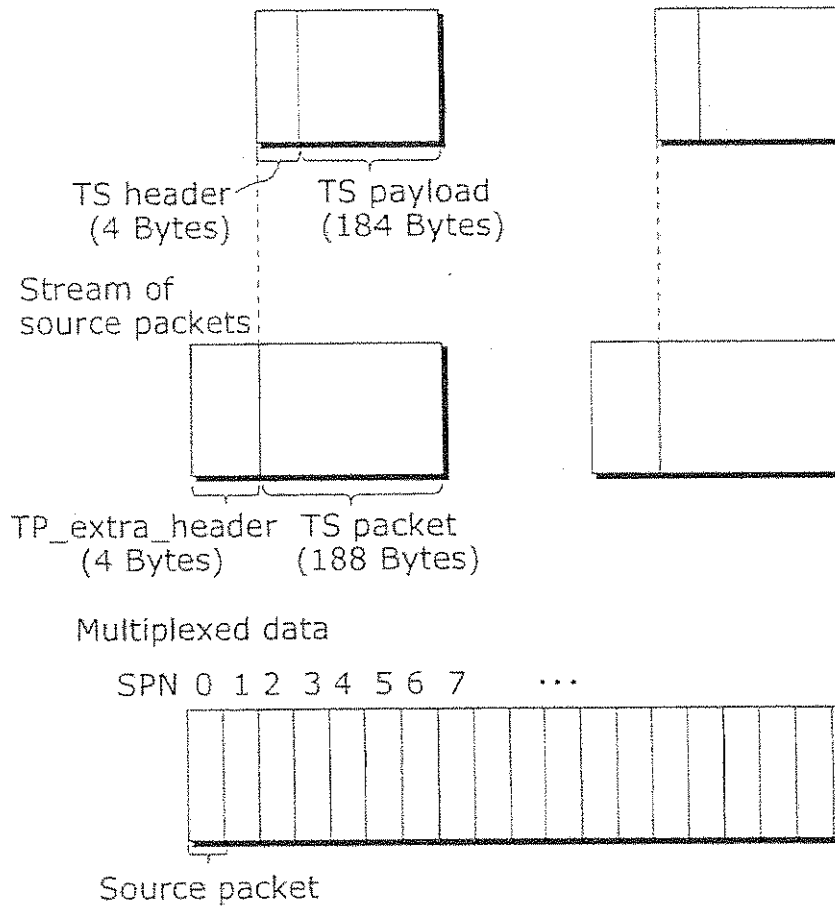


FIG. 26

Data structure of PMT

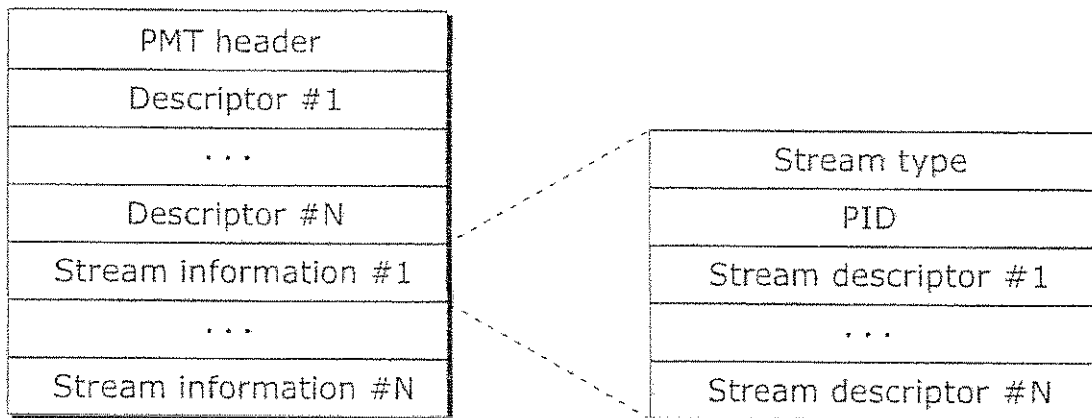


FIG. 27

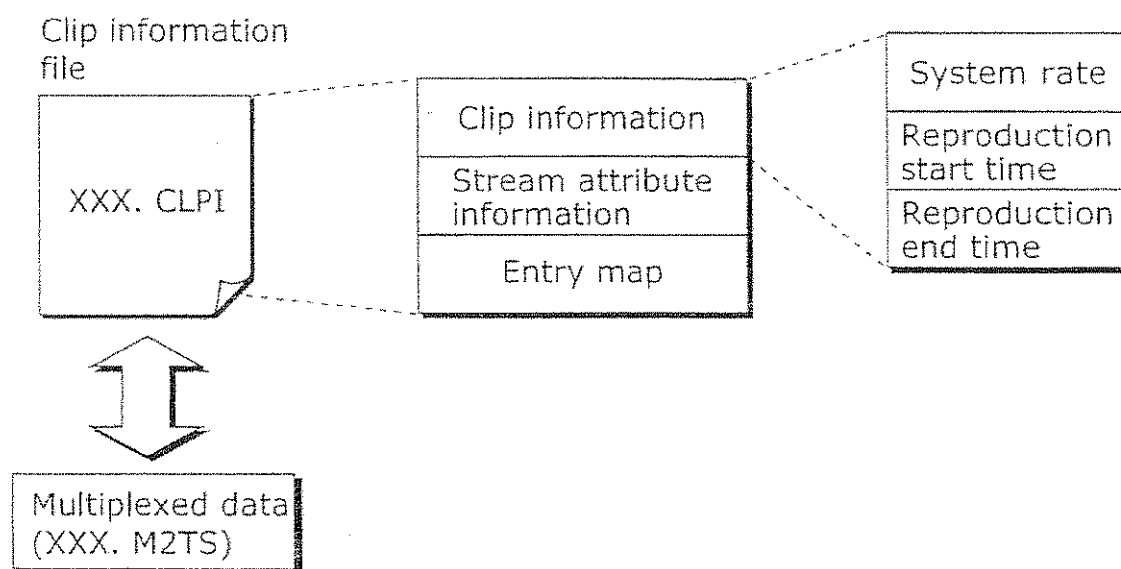


FIG. 28

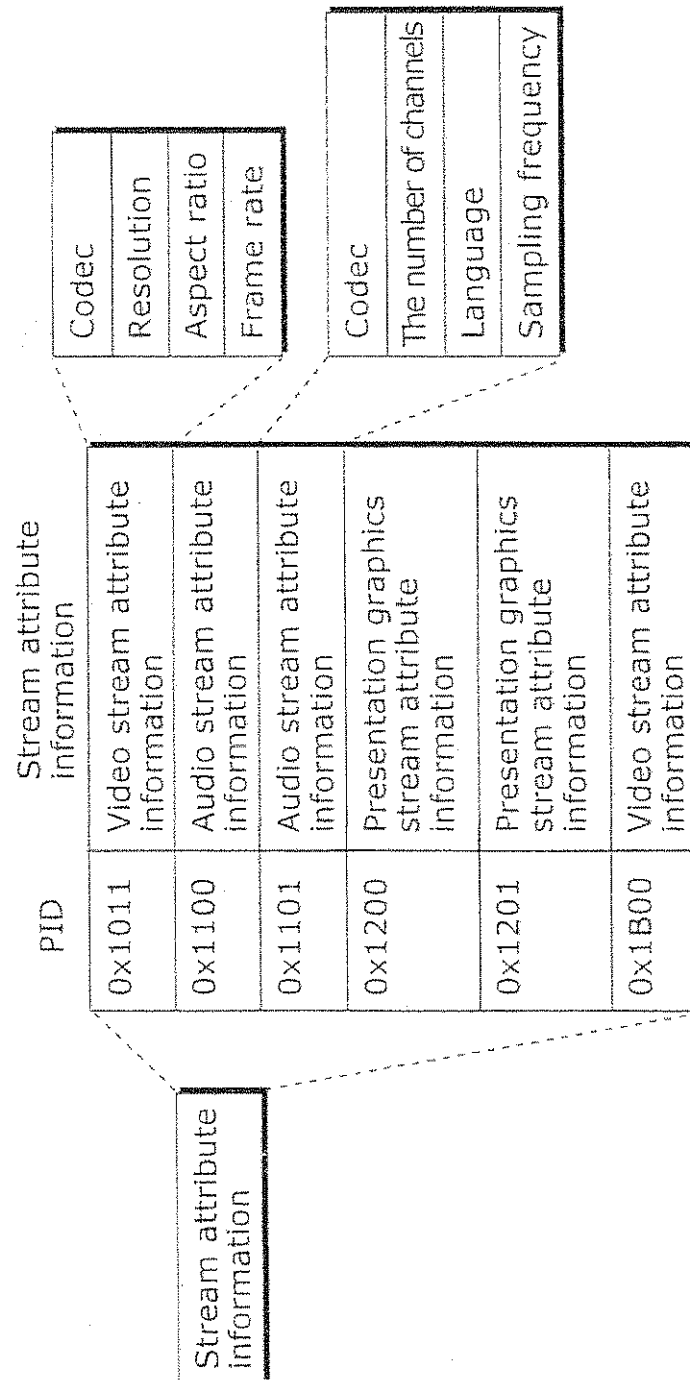


FIG. 29

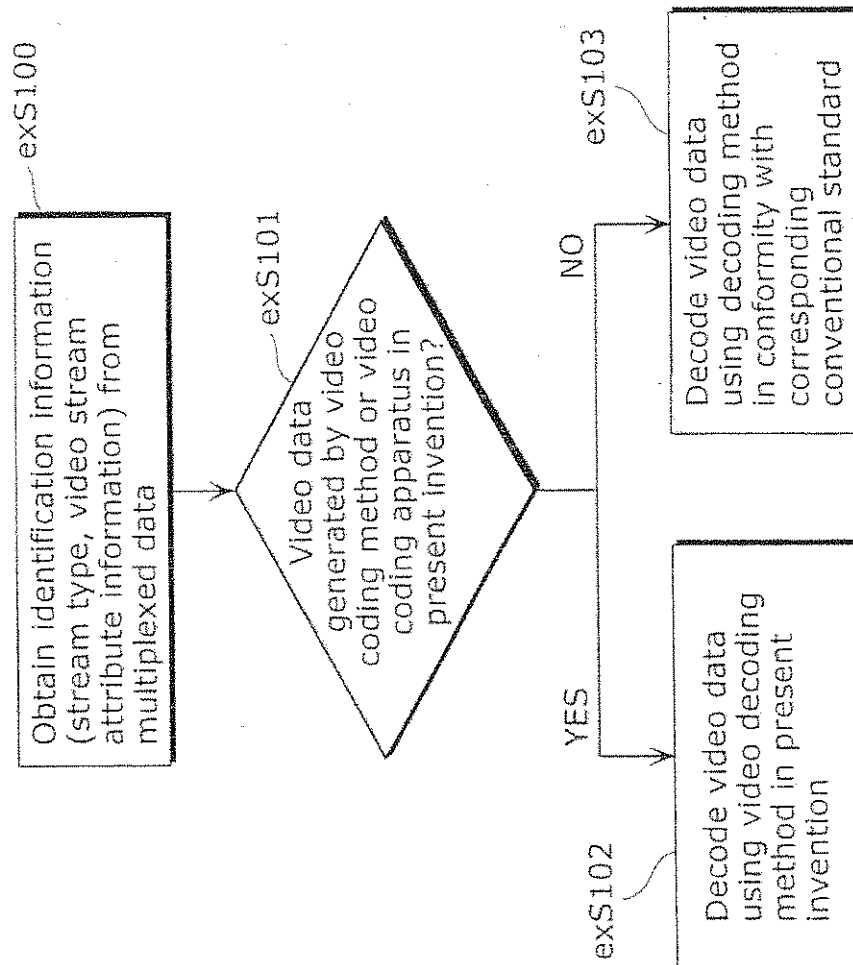


FIG. 30

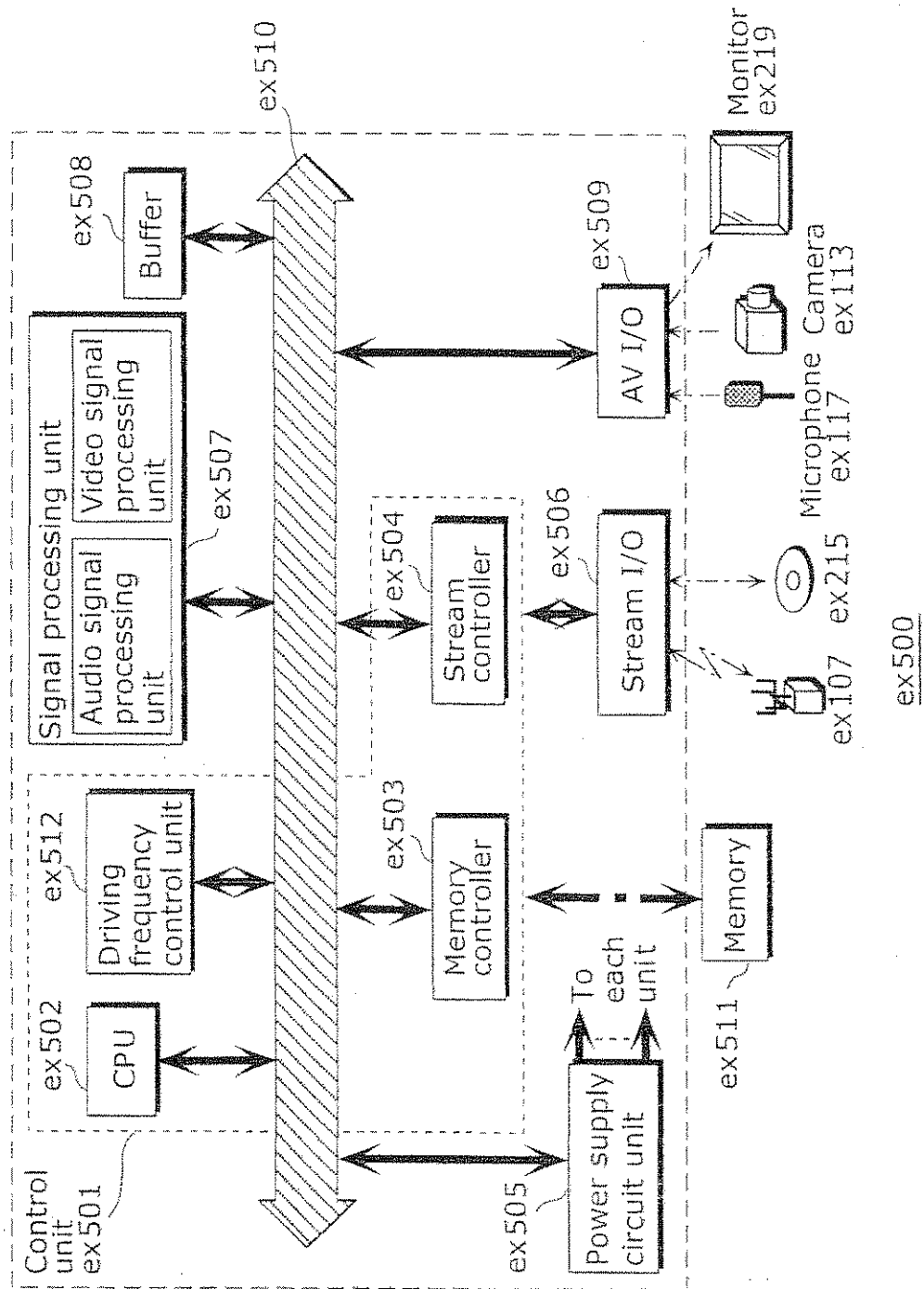


FIG. 31

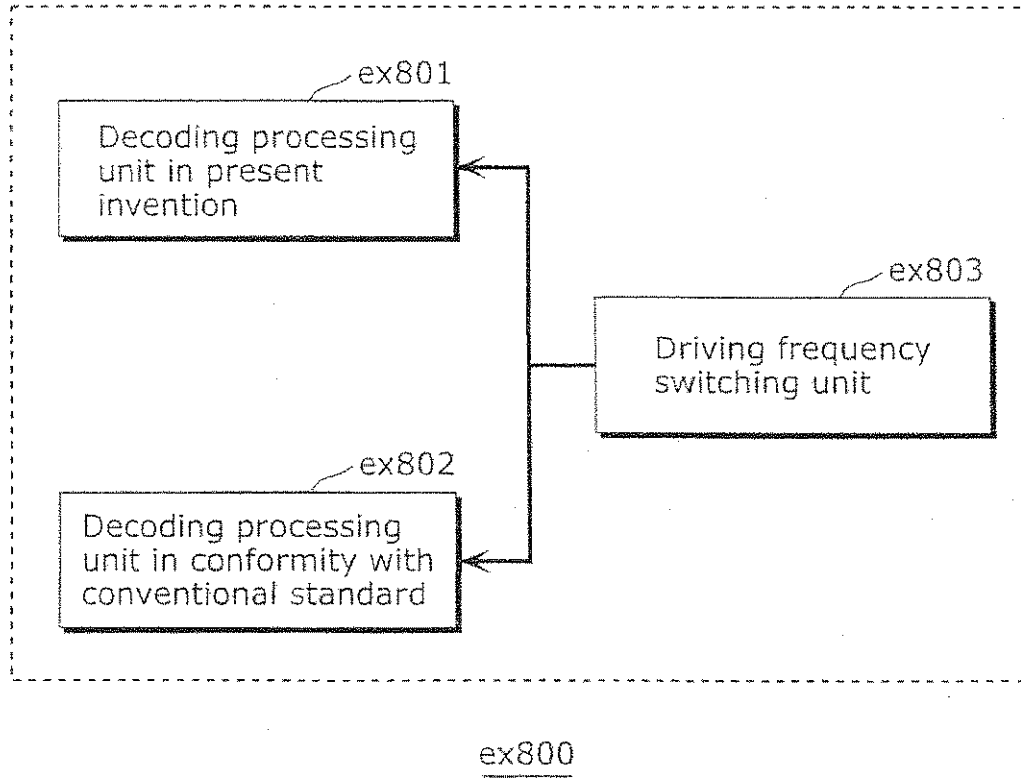


FIG. 32

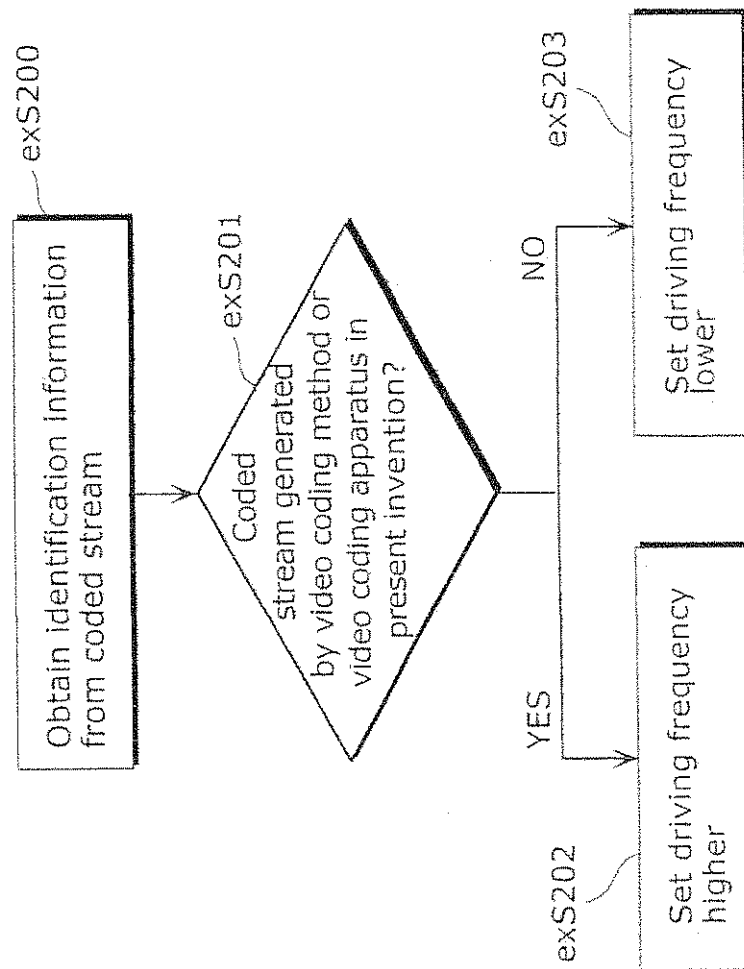


FIG. 33

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

FIG. 34A

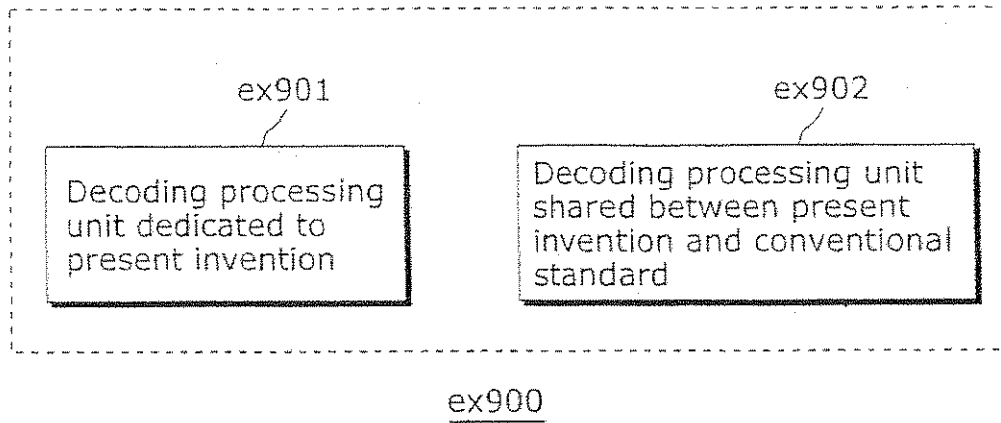


FIG. 34B

